



**Spring 2022
Semi-Annual Water Quality Report
Gude Landfill
Montgomery County, Maryland**

Prepared for

Department of Environmental Protection
Recycling and Resource Management Division
Montgomery County, Maryland 20850

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June 2022
Version: Final
EA Project No. 15564.04

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LIST OF ACRONYMS AND ABBREVIATIONS

µg/L	Microgram(s) per liter
ACM	Assessment of Corrective Measures
CMA	Corrective Measure Alternative
COMAR the County	Code of Maryland Regulations Montgomery County
DEP	Department of Environmental Protection
EA	EA Engineering, Science, and Technology, Inc., PBC
EPA	U.S. Environmental Protection Agency
GW&SWMP	Groundwater and Surface Water Monitoring Plan
the Landfill	Gude Landfill
M-NCPPC	Maryland-National Capital Park and Planning Commission
MCL	Maximum contaminant level
MDE	Maryland Department of the Environment
mg/L	Milligram(s) per liter
PCE	Tetrachloroethene
RAO	Remedial action objectives
RPD	Relative percent difference
TCE	Trichloroethene
VC	Vinyl chloride
VOC	Volatile organic compound

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1. INTRODUCTION

1.1 INTRODUCTION

On behalf of Montgomery County (the County) Department of Environmental Protection (DEP), EA Engineering, Science, and Technology, Inc., PBC completed the semi-annual groundwater and surface-water sampling for Gude Landfill (the Landfill) located in Rockville, Maryland, for the Spring 2022 sampling event. This report summarizes, interprets, and statistically analyzes the analytical results for the semi-annual sampling event performed in March and April 2022.

In accordance with the Groundwater and Surface Water Monitoring Plan (GW&SWMP) (Montgomery County DEP 2019), EA has prepared the semi-annual report on water quality at the Landfill. The analytical results, historical data tables, required statistical analysis, groundwater elevations, and groundwater contour map with the most recent topography of the site are included in the report. The County has finalized an updated GW&SWMP that addresses transition to low-flow sampling methods, revisions to the practical quantitation limits, and other changes made to the program. The updated GW&SWMP was submitted to the Maryland Department of the Environment (MDE) in July 2020.

1.2 BACKGROUND

1.2.1 Site Description

The Landfill is located at 600 East Gude Drive, Rockville, Maryland 20850. The site has road access at two locations: East Gude Drive and Southlawn Lane. A site location map is provided as **Figure 1**.

The Landfill is currently owned and maintained by the County DEP Recycling and Resource Management Division (formerly Division of Solid Waste Services). The Landfill was used for the disposal of municipal solid waste and incinerator residues from 1964 to 1982. The Landfill property encompasses approximately 162 acres, of which approximately 140 acres was used for waste disposal. An additional 17 acres of waste disposal area was delineated in 2009 on Maryland-National Capital Park and Planning Commission (M-NCPPC) property, beyond the northeastern property boundary of the Landfill. A land exchange between the County and M-NCPPC on October 21, 2014, transferred ownership of this additional waste disposal area to the County in exchange for a similar area of land without waste, which was transferred to M-NCPPC.

1.2.2 Site History

The Landfill was initially permitted by the County in 1963. The Landfill was subsequently operated and closed under several facility names and refuse disposal permits from 1964 to 1982. The facility name of the Gude-Southlawn Landfill was modified by reference to the Gude Landfill. There is no current refuse disposal permit that is applicable to the Landfill.

The Landfill was constructed and operated prior to modern solid waste management disposal and facility design and closure standards that were implemented by the U.S. Environmental Protection

Agency (EPA) under the Resource Conservation and Recovery Act. Therefore, the Landfill was not originally constructed with a geosynthetic liner or compacted clay bottom liner, a leachate collection system, a landfill gas collection system, or a stormwater management system. Reportedly, soil was used as daily cover during waste filling, and a 2-foot (minimum) final layer of soil was reportedly placed over the waste mass during closure of the Landfill (in 1982) to support the vegetative cover.

Since 1982, the County has voluntarily, or through regulatory mandates, implemented and maintained best management practices for pre-regulatory era landfills to ensure compliance with Code of Maryland Regulations (COMAR) requirements. These best management practices include soil and vegetative cover system installation, cover system maintenance, water quality and landfill gas monitoring, and stormwater infrastructure improvements. The County currently maintains an active landfill gas collection system including flares, over 100 gas extraction wells, and horizontal gas conveyance piping. A network of on-site and off-site groundwater monitoring wells; a network of on-site landfill gas monitoring wells; environmental monitoring programs for groundwater, surface water, and landfill gas; and stormwater management infrastructure are also maintained at and for the Landfill site.

Since 1984, to monitor the quality of ground and surface water, Montgomery County DEP has been collecting groundwater samples at a total of 25 monitoring sites, which include 20 observation wells and 5 stream locations. Beginning in Fall 2010, as part of a Nature and Extent Study, 16 additional monitoring wells were installed at the site. The purpose of the Nature and Extent Study, directed by MDE and managed by the County, was to assess and investigate the nature and extent of environmental impacts near and potentially resulting from the Landfill.

The Gude Landfill Assessment of Corrective Measures (ACM), dated April 2016 (EA 2016), included a Work Plan for the Recommended Corrective Measure Alternative (CMA) – toupee capping and additional landfill gas collection. As part of the Work Plan, a total of 9 groundwater monitoring well shallow and deep pairs (18 total groundwater monitoring wells) were proposed. In 2017, 12 of these wells were installed (MW-16A/B, MW-19A/B, MW-21A/B, MW-22A/B, MW-23A/B, MW-24A/B), per the updated GW&SWMP. MW-17A/B and MW-18A/B (along the west/northwestern property boundary) are in an area that will be impacted by the capping project; therefore, the County plans to install these well pairs during construction of the cap. Monitoring well pair MW-20A/B will not be installed due to the site conditions as acknowledged by MDE in correspondence dated October 12, 2016 (Hynson 2016). Sampling and analysis are conducted semi-annually and include laboratory analysis for volatile organic compounds (VOCs), heavy metals, field parameters (temperature, pH, and conductivity), and other water quality parameters.

The ACM, approved July 8, 2016, included a Contingency Plan for the Recommended CMA, which provided a framework for the monitoring and evaluation of the selected CMA for the Landfill to document progress toward the attainment of established remedial action objectives (RAOs) for the site and dictate criteria or “triggers” for the implementation of contingency measures, in the event the recommended CMA fails to perform as anticipated. According to the ACM, a detailed evaluation of the groundwater monitoring data will be conducted every 10 years after implementation of the selected CMA to assess progress toward meeting RAOs. The focus of the

evaluation will be an assessment of changes in the concentrations of the constituents of potential concern, particularly those reported at concentrations that exceed their respective maximum contaminant levels (MCLs). The identified changes (or stable concentrations) will be evaluated in the context of the physical characteristics of local groundwater transport (groundwater velocity and direction).

As presented in the ACM, it is estimated that the timeframe to meet the RAO for groundwater at the Landfill will be approximately 30 to 40 years following toupee capping, as the water infiltration will be decreased. Following capping and the resulting decrease in leachate production, it is estimated that VOCs, which are the most widespread constituents of potential concern at the Landfill, would be degraded in approximately 30 to 40 years. For the metals exceedances that are representative of groundwater quality and likely reflect Landfill-related impacts (e.g., cadmium in well OB11), elevated concentrations are localized in nature and only slightly exceed the MCL. Therefore, it is expected that these concentrations will fall consistently below MCLs following capping and decreased leachate production.

Starting with the Spring 2019 sampling event, the County has contracted EA to perform the semi-annual sampling and analysis. The County is currently in the process of award for the construction of the Recommended CMA – toupee capping and additional landfill gas collection.

1.2.3 Hydrogeologic Setting

The uplands section of the Piedmont is underlain by three principal types of bedrock aquifers: crystalline-rock and undifferentiated sedimentary-rock aquifers, aquifers in early Mesozoic basins, and carbonate-rock aquifers (Trapp and Horn 1997). The Landfill is underlain by the crystalline rock aquifer that extends over approximately 86 percent of the Piedmont Plateau Physiographic Province. At the Landfill, the crystalline rock that comprises the regional aquifer is overlain by unconsolidated material consisting of interbedded silts and clays and saprolite. Recorded logs from on-site and off-site borings for the groundwater monitoring wells correlated well with these general geological descriptions.

Based on information from site boring logs and well gauging, groundwater is present in the unconsolidated material, as well as the bedrock at the Landfill site. The groundwater table is typically present in the unconsolidated material along the perimeter of the Landfill and under the Derwood Station development, at depths ranging from approximately 3 to 60 feet below ground surface. Groundwater recharge at the Landfill is variable and is primarily determined by precipitation and runoff. Topographic relief, unconsolidated material, and surface recharge variations created by the Landfill may significantly affect the groundwater flow.

Groundwater flow is highly dependent on the composition and grain size of the sediments and, therefore, water likely moves more readily in the unconsolidated material than in the underlying bedrock. Groundwater in the bedrock (typically 20–60 feet below grade) is stored in, and moves through, fractures. No documentation of the degree of fracturing or orientation of bedrock fractures at the Landfill is available.

Based on site topography, some amount of surface water infiltration likely occurs through the natural cover system (grassy surface and soil layer) of the Landfill. Some of the infiltrating water likely moves vertically into the bedrock, while a portion also moves laterally along the boundary between the unconsolidated material and the surface of the bedrock and discharges to nearby streams and surface depressions.

2. SAMPLING PROCEDURES

On behalf of the County, EA performed the semi-annual groundwater and surface-water sampling for the Landfill. Upon arrival at each well, the condition of the well and surrounding area was noted. This process checks for evidence of tampering, evidence of physical damage, well integrity, evidence of breakage or heaving of the concrete pad (if present), and evidence of surface infiltration. After the physical inspection was completed, the static water levels were determined for all wells prior to initiation of any purging and sampling activities using an electronic water level indicator.

Prior to sample acquisition, wells were purged to ensure that the sample collection was as representative as possible of that in the aquifer. Low-flow purging and sampling methods (less than 0.5 liter per minute) were performed and achieved for the Spring 2022 sampling event at all monitoring well locations.

Temperature, pH, specific conductivity, dissolved oxygen, oxidation-reduction potential, and turbidity were measured in the field during groundwater purging, unless noted otherwise. These determinations were made using a YSI meter. All instrumentation was calibrated prior to transport to the field and recalibrated during the event daily.

During purging of the wells, water quality parameters as well as purge rate and depth to water were monitored and recorded every 5 minutes. Purging of the standing water was considered complete when three consecutive readings of the water quality indicator parameters agreed within approximately 10 percent. The water quality parameters of temperature, pH, specific conductance, dissolved oxygen, and oxidation-reduction potential reached stabilization prior to sampling. Due to the characteristics of some of the wells, stabilization and the turbidity goal of less than 10 nephelometric turbidity units were not achieved prior to sampling.

After sampling parameters had stabilized to within 10 percent of each other, sample containers were filled by allowing the pump discharge to flow gently down the inside of the containers with as little agitation or aeration as possible. The first sample aliquot was used to fill the volatile organics parameter vials and was collected in a manner that minimized aeration and kept the glass containers free of bubbles and headspace. Containers that contained preservative were not filled to overflowing and were thoroughly mixed after filling by upending. Each pre-labeled container was placed in a cooler containing ice and a sample entry was made on the chain-of-custody form.

In addition, surface water samples were collected from five locations near the perimeter of the Landfill (ST015, ST065, ST70, ST80, and ST120). Surface water was collected using a clean, non-preservative bottle, which was rinsed several times with the surface water from the sampling location and then transferred into the proper sample container. Water quality parameters (temperature, pH, specific conductivity, oxidation-reduction potential, dissolved oxygen, and turbidity) were measured in the field and recorded.

Information regarding low-flow well purging was recorded on field data sheets, which are presented in **Appendix A**. The chain-of-custody documents are provided in **Appendix B**.

Groundwater elevations are presented in **Table 1**. Results of field-measured parameters, along with laboratory results, are shown in **Table 2**.

3. SUMMARY OF GROUNDWATER AND SURFACE WATER RESULTS

During the Spring 2022 semi-annual sampling event (March 28–April 6, 2022), EA sampled 51 groundwater monitoring wells and 5 surface water locations at the Landfill. This sampling event completes the first of two semi-annual monitoring events at the Landfill for the 2022 calendar year monitoring period in accordance with the revised GW&SWMP (July 2020).

During the Spring 2022 sampling event, groundwater monitoring well samples were analyzed by Maryland Spectral Services Laboratory located in Baltimore, Maryland. The laboratory utilized the following methods for analyses:

- Inorganics (total metals) (EPA 3010A/6020A)
- Mercury (EPA 3010A/6020A)
- Ammonia (EPA 350.1)
- Chloride (EPA 300.0)
- Nitrate (EPA 300.0)
- VOCs (EPA 8260B)
- 1,2-Dibromo-3-chloropropane and 1,2-dibromoethane (EPA 8011)
- Chemical oxygen demand (EPA 410.4)
- Sulfate (EPA 300.0)
- Alkalinity (SM 2320B)
- Total hardness (SM 2340B/C)
- Total dissolved solids (SM 2540C)
- Total suspended solids (USGS I-3765-85)

The laboratory reports are provided in **Appendix C**.

The monitoring program is designed to evaluate how the Landfill is affecting the groundwater quality. This section discusses groundwater quality for VOCs, total metals, and physical and general parameters. The analytical methods and parameters utilized during this event are in compliance with 40 Code of Federal Regulations, Part 258, *Criteria for Municipal Solid Waste Landfills*, and the GW&SWMP. Samples are analyzed semi-annually. All analytical results below practical quantitation limits that were reported are identified with a “J” qualifier; non-detect analytical results are identified with a “U” qualifier.

Alternate practical quantitation limits are presented for total iron, magnesium, chloride, nitrate, sulfate, and turbidity in the updated GW&SWMP (Montgomery County DEP 2020).

3.1 GROUNDWATER FLOW

Based on the data collected from new and existing groundwater monitoring wells, the groundwater flow direction was inferred. The data indicated that groundwater flows in an easterly flow direction across the Landfill site, with minor northerly, northeasterly, and southeasterly flow components. Surface water elevations measured in 2011, as part of the Nature and Extent Study, from temporary stream gauges were consistent with groundwater table elevations from adjacent groundwater

monitoring wells and locations, indicating a hydraulic connection between groundwater and surface water. Groundwater elevation data collected were utilized to prepare a groundwater contour map for the Spring 2022 sampling event. The inferred groundwater flow contours have been overlain on the site topographic map and are presented on **Figure 2**. Groundwater elevations for Spring 2022 are presented in **Table 1**.

3.2 ANALYTICAL RESULTS

3.2.1 Quality Control Samples

During all sampling events, trip blanks were prepared and delivered to the laboratory accompanying the field samples on sampling days. Each sample was analyzed for VOCs, and was prepared prior to field sampling by the laboratory, sealed and labeled, and never opened during any sampling activities. Trip blanks are collected to identify potential contamination during shipping and handling of samples. VOCs were not detected in any of the trip blanks.

During the Spring 2022 sampling event, three field duplicate samples were collected at monitoring wells MW-13B (duplicate OB30), MW-24B (duplicate OB40), and OB11 (duplicate OB50) and analyzed for general water quality parameters, total metals, and VOCs.

The relative percent differences (RPDs) between sampling locations and corresponding duplicates were evaluated for the Spring 2022 sampling event to obtain an estimate of laboratory method precision. As shown in **Table 3**, no VOCs were detected with an RPD greater than 20 percent between the duplicates and corresponding samples. As shown in **Table 4**, the RPD for only one inorganic parameter was greater than 20 percent, which is indicated by the gray shading. The RPD exceedance with the laboratory is likely related to the sample aliquot(s) for the inorganic parameter.

3.2.2 Volatile Organic Compounds

EA performed semi-annual sampling, which included groundwater and surface water. A complete summary of Spring 2022 analytical results is provided in **Table 2**.

Twelve monitoring wells had MCL exceedances for one or more VOCs. Historical MCL exceedance graphs and historical analytical data tables are presented in **Appendix D** and **Appendix E**, respectively. There were two first time MCL exceedances for VOCs during this sampling event: trichloroethene (TCE) in MW-11B and tetrachloroethene (PCE) in MW-21B. MDE was notified of the first time MCL exceedances on May 27, 2022.

The MCL exceedances are summarized in **Table 5**. There were no VOC detections in the surface water monitoring locations (ST015, ST065, ST70, ST80, and ST120), with the exception of TCE detected at a concentration of 1.7 micrograms per liter ($\mu\text{g/L}$) in ST015. The following is a summary of the MCL exceedances based on well locations:

Northwest—Groundwater along the Northwest portion of the Landfill boundary (in the vicinity of groundwater monitoring wells MW-8, MW-11A, MW-11B, MW-12, MW-13A, MW-13B, MW-

16A, MW-16B, OB03, OB03A, OB04, OB04A, and OB105) has historically been impacted by VOCs. During this sampling event, MW-11B, MW-13A, MW-13B, OB03, and OB04A had MCL exceedances.

- PCE was detected above the MCL (5 µg/L) in MW-11B (10.8 µg/L), MW-13A (6.3 µg/L), and MW-13B (9.0 µg/L);
- TCE was detected above the MCL (5 µg/L) for the first time in MW-11B at a concentration of 5.3 µg/L. TCE was also detected above the MCL (5 µg/L) in MW-13A (8.6 µg/L) and MW-13B (9.2 µg/L); and
- Vinyl chloride (VC) was detected above the MCL (2 µg/L) in MW-13A (2.4 µg/L), MW-13B (3.9 µg/L), OB03 (7.7 µg/L), and OB04 (2.7 µg/L).

These exceedances are consistent with past events.

West—Groundwater along the West portion of the Landfill boundary (in the vicinity of groundwater monitoring wells MW-6, MW-7, MW-9, MW-10, MW-14A, MW-14B, MW-15, MW-19A, MW-19B, OB01, OB02, and OB02A) has historically been impacted by VOCs at lower concentrations than the Northwest portion of the Landfill.

- No MCL exceedances for VOCs were identified during this sampling event.

Southwest—Groundwater along the Southwest portion of the Landfill boundary (in the vicinity of groundwater monitoring wells MW-21A, MW-21B, OB015, and OB12) has historically been impacted by VOCs at concentrations higher than both the Northwest and West portions of the Landfill. During this sampling event, wells MW-21B and OB12 had MCL exceedances in this area of the Landfill.

- PCE was detected above the MCL (5 µg/L) for the first time in MW-21B at a concentration of 6.2 µg/L. PCE was also detected above the MCL (5 µg/L) in OB12 (14.8 µg/L);
- TCE was detected above the MCL (5 µg/L) in MW-21B (21.2 µg/L) and OB12 (14.6 µg/L);
- VC was detected above the MCL (2 µg/L) in MW-21B (3.2 µg/L) and in OB12 (9.1 µg/L); and
- 1,2-Dichloropropane was detected above the MCL (5 µg/L) in OB12 (9.9 µg/L).

These exceedances are consistent with past events.

South—Groundwater along the South portion of the Landfill boundary (in the vicinity of groundwater monitoring wells MW-22A, MW-22B, MW-23A, MW-23B, OB11, OB11A, and OB025) has historically been impacted by VOCs at concentrations of a magnitude similar to those

reported in the Northwest portion of the Landfill. During this sampling event, wells OB11 and OB11A had MCL exceedances in this area of the Landfill.

- PCE was detected above the MCL (5 µg/L) in OB11 (7.3 µg/L);
- TCE was detected above the MCL (5 µg/L) in OB11 (6.8 µg/L) and OB11A (7.4 µg/L); and
- VC was detected above the MCL (2 µg/L) in OB11 (12.5 µg/L) and OB11A (16.6 µg/L).

These exceedances are consistent with past events.

Southeast—Groundwater along the Southeast portion of the Landfill boundary (in the vicinity of groundwater monitoring wells MW-3A, MW-3B, MW-4, MW-24A, MW-24B, OB08, OB08A, and OB10) has historically been impacted by VOCs at relatively low concentrations. During this sampling event, wells MW-24A, MW-24B, and OB10 had MCL exceedances in this area of the Landfill.

- VC was detected above the MCL (2 µg/L) in MW-24A (4.0 µg/L) and OB10 (24.8 µg/L); and
- Benzene was detected above the MCL (5 µg/L) in MW-24B (5.9 µg/L).

These exceedances are consistent with past events.

Northeast—Groundwater along the Northeast portion of the Landfill boundary (in the vicinity of groundwater monitoring wells MW-1B, MW-2A, MW-2B, OB06, OB07, OB07A, and OB102) has historically had limited VOC detections.

- No MCL exceedances for VOCs were identified during this sampling event.

3.2.3 Inorganics

In Spring 2015, based on recommendations by MDE, the method of collecting samples changed from the three well volume purge method to the low-flow/low-stress method. The primary reason for this change in collection was to reduce the sample turbidity level, as turbidity could potentially interfere with the accuracy of metal analyses.

During this sampling event, a first time MCL exceedance for mercury was observed at OB07 (**Table 6**). Mercury was detected above the MCL (0.002 mg/L) in OB07 (0.00397 mg/L). MDE was notified of the first time MCL exceedance on May 27, 2022. This was the 43rd sampling event for this well. This exceedance is believed to be representative of background groundwater conditions. However, the County chose not to perform verification re-sampling for this exceedance since they are currently in the process of implementing a remedial action at the site. MDE acknowledged and approved the approach via email on May 27, 2022. The County will re-evaluate

the elevated mercury concentration in OB07 during the Fall 2022 semi-annual groundwater monitoring event.

Three groundwater monitoring wells had MCL exceedances in the Southern (OB11), Southeastern (MW-24B), and Northeastern (OB07) portions of the Landfill. A summary of the metals MCL exceedances is shown in **Table 6**.

- Total cadmium was detected above the MCL (0.005 mg/L) in OB11 (0.0123 mg/L).
- Total mercury was detected above the MCL (0.002 mg/L) in OB11 (0.00456 mg/L) and OB07 (0.00397 mg/L).
- Total arsenic was detected above the MCL (0.01 mg/L) in MW-24B (0.0357 mg/L).

All the exceedances are consistent with historical data.

All five surface monitoring locations had detections for barium, calcium, iron, magnesium, manganese, nickel, potassium, and sodium but had no MCL exceedances.

- Chromium was detected below the MCL in ST70 and ST80;
- Cobalt was detected at estimated concentrations below the MCL in ST015 and ST70;
- Copper was detected below the MCL in ST015, ST065, ST70, and ST80; and
- Zinc was detected below the MCL in ST015, ST065, and ST70.

All the detections are consistent with historical data.

3.2.4 General Water Quality Parameters

None of the groundwater monitoring wells had an MCL exceedance for any of the general water quality parameters.

The five surface water monitoring locations (ST015, ST065, ST70, ST80, and ST120) did not have any MCL exceedances for any of the general water quality parameters.

3.2.5 Methane

EA also measured the headspace within the groundwater monitoring well casings for methane. Historical methane concentrations recorded within the wells are presented in **Table 7**. Methane was not detected in any of the monitoring wells during this sampling event.

4. STATISTICAL ANALYSIS

EA performed statistical analysis for Gude Landfill groundwater monitoring data for the Spring 2022 sampling event. Statistical analysis was performed for wells within the Landfill groundwater monitoring network using data collected from 2001 through March 2022, when available.

Groundwater monitoring wells OB01, OB02, OB02A, OB03, OB03A, OB04, OB04A, OB06, OB07, OB07A, OB08, OB08A, OB10, OB11, OB11A, OB12, OB015, OB025, OB102, and OB105 were installed between 1984 and 1988. The statistical trend analysis for these wells used monitoring data since 2001. Groundwater monitoring wells MW-1B, MW-2A, MW-2B, MW-3A, MW-3B, MW-4, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11A, MW-11B, MW-12, MW-13A, and MW-13B were installed in 2010 and first sampled in July 2010. Twelve additional groundwater monitoring wells (MW-16A, MW-16B, MW-19A, MW-19B, MW-21A, MW-21B, MW-22A, MW-22B, MW-23A, MW-23B, MW-24A, and MW-24B) were installed in 2017. Groundwater monitoring wells MW-14A, MW-14B, and MW-15 were installed and sampled in 2011 and have been sampled for the past eight sampling events. All available data were used in the statistical analysis for these wells.

Low-flow groundwater sampling methods were employed beginning with the Spring 2015 event and will continue to be utilized by the County during future monitoring events. Previously, three volume well purge methods, which use higher flow rates, had been used. Higher flow rates can be associated with higher turbidity and can impact concentrations of constituents in groundwater samples. As a result, this change in methodologies may require further evaluation to exclude the historical data prior to employing the low-flow sampling method and potential modification of the statistical methods used as part of the semi-annual groundwater evaluation.

Because there is insufficient off-site/background well data to conduct interwell statistical comparisons, intrawell Mann-Kendall trend tests were performed consistent with the EPA Unified Guidance (EPA 2009). If interwell analysis is required in the future, additional background data will need to have been collected from an off-site/background well (i.e., MW-14A/B).

4.1 METHODOLOGY

Gude Landfill ceased accepting waste in 1982 and is, therefore, only governed by the State of Maryland under COMAR and as directed by MDE. Since 1982, the County has voluntarily, or through regulatory mandates, implemented and maintained best management practices for pre-regulatory era landfills to ensure compliance with COMAR requirements, including routine monitoring of groundwater and surface water. Part of routine water monitoring includes statistical analysis of groundwater data.

The Mann-Kendall test for monotonic trend (Gilbert 1987) was used to identify constituents with concentrations that display an increasing or decreasing trend over time. The basic principle of the Mann-Kendall test is to examine the sign of pairwise differences of observed values. The test does not have distributional assumptions (i.e., it does not require the data to be normally distributed or follow any other distribution) and the test also can handle non-detects and irregular sampling intervals. The data are ordered by sampling date for each well/parameter pair, and each

concentration is compared to previous/historical concentrations. The test statistics are calculated based on the number of increases and decreases from one sampling event to another. The significance probability of an increasing or decreasing trend is then calculated from the test statistic and the number of sampling events for each well/parameter pair. Reported concentrations less than the laboratory detection limit were treated as 0. Exact two-sided probabilities for the null distribution of the Mann-Kendall test were obtained from Hollander and Wolfe (1973). The null hypothesis of no trend was evaluated against the two-sided alternative hypothesis. Rejection of the null hypothesis at the 95 percent significance level (i.e., two-sided $p < 0.05$) led to the conclusion that the monitoring data exhibit a statistically significant increasing trend ($S > 0$) or decreasing trend ($S < 0$).

The statistical test does not evaluate the magnitude of the increase or decrease associated with the results of the analysis.

A trend analysis was performed for each chemical constituent at every monitoring well if:

1. The monitoring well had been sampled on at least four independent time periods
2. At least 4 sample results for a constituent exceeded the analytical laboratory detection limit.

4.2 GROUNDWATER TREND RESULTS

Trend analysis results for VOCs, metals, and general indicator parameters in groundwater are discussed in this section. **Table 8** identifies parameters with statistically increasing trends and **Table 9** identifies parameters with statistically decreasing trends.

4.2.1 Volatile Organic Compounds

Fourteen VOCs were identified as having increasing statistical trends, and 22 of the groundwater monitoring wells had one or more VOCs with increasing statistical trends (**Table 8**). Fifteen VOCs were identified as having decreasing trends, and 26 of the groundwater monitoring wells had one or more VOCs with decreasing statistical trends (**Table 9**).

Twelve VOCs (1,1-dichloroethane, 1,2-dichloroethane, 1,2-dichloropropane, 1,4-dichlorobenzene, benzene, chlorobenzene, *cis*-1,2-dichloroethene, methylene chloride, PCE, *trans*-1,2-dichloroethene, TCE, and VC) had both decreasing and increasing trends. Two VOCs had only increasing trends: 1,2-dichlorobenzene (OB03, OB11, and OB11A) and chloroform (MW-13A). Three VOCs had only decreasing trends: chloroethane (OB03 and OB03A), toluene (MW-24B), and trichlorofluoromethane (OB11 and OB11A).

The following is a summary of the trends based on well locations.

Northwest—This area represents groundwater along the Northwest portion of the Landfill boundary in the vicinity of groundwater monitoring wells MW-8, MW-11A, MW-11B, MW-12, MW-13A, MW-13B, MW-16A, MW-16B, OB03, OB03A, OB04, OB04A, and OB105.

- MW-8, MW-11A, MW-12, MW-16A, and MW-16B had no statistically significant increasing or decreasing VOC trends this event.
- MW-13B had no statistically significant increasing VOC trends this event.
- MW-11B, OB04, and OB105 had no statistically significant decreasing VOC trends this event.
- Statistically significant increasing VOC trends were observed for MW-11B (3 parameters), MW-13A (1 parameter), OB03 (2 parameters), OB03A (1 parameter), OB04 (5 parameters), OB04A (5 parameters), and OB105 (1 parameter).
- Statistically significant decreasing VOC trends were observed for MW-13A (10 parameters), MW-13B (12 parameters), OB03 (9 parameters), OB03A (10 parameters), and OB04A (1 parameter).

West—This area represents groundwater along the West portion of the Landfill boundary in the vicinity of groundwater monitoring wells MW-6, MW-7, MW-9, MW-10, MW-14A, MW-14B, MW-15, MW-19A, MW-19B, OB01, OB02, and OB02A.

- MW-10, MW-14A, MW-14B, and MW-15 had no statistically significant increasing or decreasing VOC trends this event.
- MW-7, MW-9, OB01, OB02, and OB02A had no statistically significant increasing VOC trends this event.
- MW-19A had no statistically significant decreasing VOC trends this event.
- Statistically significant increasing VOC trends were observed for MW-6 (1 parameter), MW-19A (3 parameters) and MW-19B (1 parameter).
- Statistically significant decreasing VOC trends were observed for MW-6 (1 parameter), MW-7 (2 parameters), MW-9 (1 parameter), MW-19B (1 parameter), OB01 (4 parameters), OB02 (1 parameter), and OB02A (2 parameters).

Southwest—This area represents groundwater along the Southwest portion of the Landfill boundary in the vicinity of groundwater monitoring wells MW-21A, MW-21B, OB015, and OB12.

- MW-21A had no statistically significant increasing or decreasing VOC trends this event.
- OB015 had no statistically significant increasing VOC trends this event.
- MW-21B had no statistically significant decreasing VOC trends this event.

- Statistically significant increasing VOC trends were observed for MW-21B (4 parameters) and OB12 (8 parameters).
- Statistically significant decreasing VOC trends were observed for OB015 (1 parameter) and OB12 (1 parameter).

South—This area represents groundwater along the South portion of the Landfill boundary in the vicinity of groundwater monitoring wells MW-22A, MW-22B, MW-23A, MW-23B, OB11, OB11A, and OB025.

- MW-22A and MW-23B had no statistically significant increasing or decreasing VOC trends this event.
- MW-22B and MW-23A had no statistically significant increasing VOC trends this event.
- OB025 had no statistically significant decreasing VOC trends this event.
- Statistically significant increasing VOC trends were observed for OB11 (2 parameters), OB11A (3 parameters), and OB025 (1 parameter).
- Statistically significant decreasing VOC trends were observed for MW-22B (2 parameters), MW-23A (1 parameter), OB11 (5 parameters), and OB11A (7 parameters).

Southeast—This area represents groundwater along the Southeast portion of the Landfill boundary in the vicinity of groundwater monitoring wells MW-3A, MW-3B, MW-4, MW-24A, MW-24B, OB08, OB08A, and OB10.

- MW-3A, MW-3B, and MW-4 had no statistically significant increasing or decreasing VOC trends this event.
- MW-24A had no statistically significant increasing VOC trends this event.
- OB08 had no statistically significant decreasing VOC trends this event.
- Statistically significant increasing VOC trends were observed for MW-24B (3 parameters), OB08 (3 parameters), OB08A (2 parameters), and OB10 (5 parameters).
- Statistically significant decreasing VOC trends were observed for MW-24A (1 parameter), MW-24B (2 parameters), OB08A (1 parameter), and OB10 (1 parameter).

Northeast—This area represents groundwater along the Northeast portion of the Landfill boundary in the vicinity of groundwater monitoring wells MW-1B, MW-2A, MW-2B, OB06, OB07, OB07A, and OB102.

- MW-1B had no statistically significant increasing or decreasing VOC trends this event.

- MW-2A, MW-2B, and OB07A had no statistically significant increasing VOC trends this event.
- OB07 and OB102 had no statistically significant decreasing VOC trends this event.
- Statistically significant increasing VOC trends were observed for OB06 (1 parameter), OB07 (1 parameter), and OB102 (2 parameters).
- Statistically significant decreasing VOC trends were observed for MW-2A (1 parameter), MW-2B (1 parameter), OB06 (1 parameter), and OB07A (2 parameters).

4.2.2 Metals

Seventeen metals (total) were identified as having increasing statistical trends, and 33 of the groundwater monitoring wells had one or more metals with increasing statistical trends (**Table 8**). Eighteen metals (total) were identified as having decreasing statistical trends, and 35 of the groundwater monitoring wells had one or more metals with decreasing statistical trends (**Table 9**). The trend analysis does not indicate an overall trend of improvement or degradation in the groundwater quality with respect to metals concentrations. Beginning with the Spring 2015 sampling event, low-flow groundwater sampling methods were employed due to issues with high metal concentrations potentially related to high turbidity. Future data will be assessed to determine whether the reported concentrations of metals in samples collected using low-flow sampling methods, once the low-flow method is performed accurately at all well locations, are consistently lower than the concentrations reported using the old methodology. If such a difference is observed, the changed sampling methodology could result in artificial decreasing trends in total metals, which do not reflect changes in groundwater chemistry. If needed, the statistical methods used as part of the semi-annual groundwater evaluation could be modified to address such artificial trends. In order to conduct meaningful comparisons, it is recommended that a minimum of 4 years of low-flow sampling (eight events) be collected before conducting hypothesis testing to compare the low-flow methodology to those obtained using three well volume purge methods. Since there was some variability in the low-flow methodology prior to 2019, this assessment will be performed in 2023.

4.2.3 General Indicator Parameters

Forty-five groundwater monitoring well locations were determined to have statistically increasing trends for one or more general indicator parameters (**Table 8**), and 43 groundwater monitoring well locations were determined to have statistically decreasing trends for general indicator parameters (**Table 9**).

5. CONCLUSIONS

This report summarizes the groundwater data obtained from the Spring 2022 semi-annual sampling event and historical data dating back to 2001. The data indicate that groundwater has a primarily easterly flow direction across the Landfill site, which is consistent with historical flow direction.

Twelve monitoring wells had MCL exceedances for one or more VOCs and three monitoring wells had MCL exceedances for one or more metals during this monitoring event. There were two first time MCL exceedances for VOCs and a first time MCL exceedance for a metal observed during this event which will be re-evaluated during the Fall 2022 semi-annual groundwater monitoring event. None of the general water quality parameters were detected above the MCLs during this sampling event.

All historical data have been evaluated and statistical testing and analysis were performed as described in Section 4. Based on statistical analysis, concentrations of VOCs, metals, and general indicator parameters are generally stable and historically consistent in the groundwater monitoring wells across the site. In general, the groundwater and surface water results are consistent with historical data and trends. Semi-annual monitoring will continue with the Fall 2022 event in accordance with the updated GW&SWMP.

6. REFERENCES

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Figures

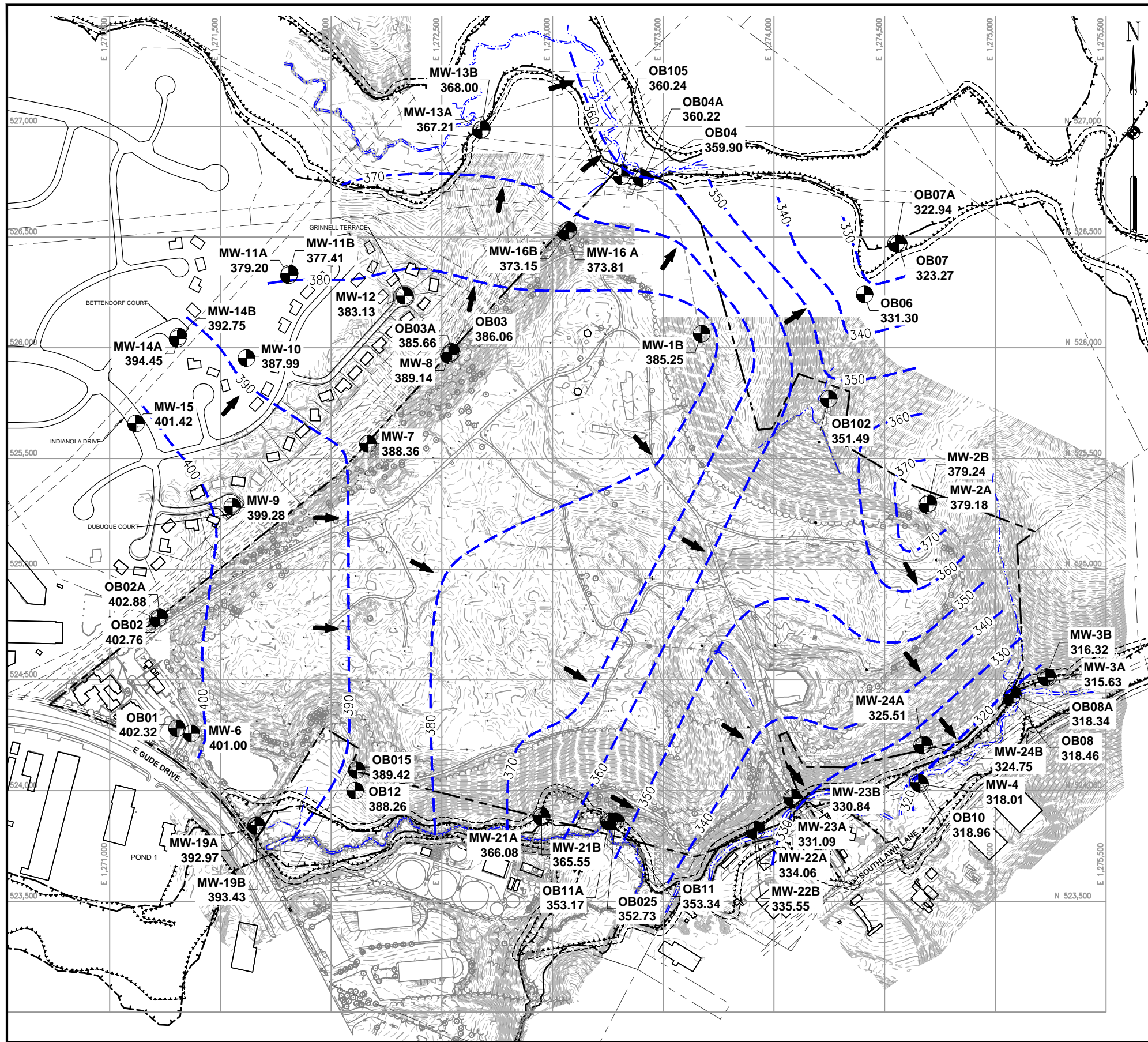
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Figure 1.
Groundwater and Surface Water Monitoring Locations
May 2017

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FILE PATH: Q:\PROJECTS\1564601 - GUDE LF DESIGN\CAD\PRODUCTION\FIGURES\GROUNDWATER CONTOUR MAPS\SPRING 2022.DWG [FIG 2] 12/20/16

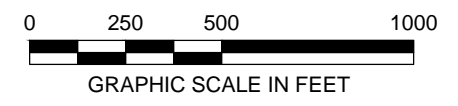


NOTES:

1. TOPOGRAPHY COMPILED BY WALLACE MONTGOMERY. USING PHOTOGRAMMETRIC METHODS WITH PHOTOGRAPHY DATED MAY 2018 AND SUPPLEMENTED WITH FIELD SURVEY PERFORMED BY WALLACE MONTGOMERY.
2. SURVEY OF STREAMS TAKEN FROM MAY 2018 PHOTOGRAMMETRY BY WALLACE MONTGOMERY.
3. HORIZONTAL DATUM IS NORTH AMERICAN DATUM OF 1983/91 (NAD-83/91). COORDINATE SYSTEM IS MARYLAND STATE PLANE, U.S. SURVEY FEET. VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD-88) WITH ELEVATIONS SHOWN IN FEET.
4. FIELD SURVEY OF MW-14A, MW-14B, & MW-15, TEMPORARY GROUNDWATER MONITORING LOCATIONS, AND STREAM GAUGE LOCATIONS PERFORMED BY C.C. JOHNSON & MALHOTRA, P.C., AUGUST 2011.
5. THE PROPERTY BOUNDARY SHOWN REFLECTS A LAND EXCHANGE BETWEEN MONTGOMERY COUNTY AND M-NCPPC WHICH OCCURRED ON 21 OCTOBER 2014.

LEGEND

- - - - - 10-FT ELEVATION CONTOUR
- - - - - 2-FT ELEVATION CONTOUR
- PROPERTY BOUNDARY
- ~~~~~ STREAM
- - - - - 330 - - - - - GROUNDWATER CONTOUR INTERVAL (10 FEET)
- ⊙ MW-1B 393.00 EXISTING GROUNDWATER MONITORING WELL GROUNDWATER ELEVATION (FT. MSL)
- ➔ INFERRED GROUNDWATER FLOW



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PROJECT NUMBER:	DESIGNED BY:	DRAWN BY:	FIGURE:
15646.01	PL/LJO	CVH	2
DATE:	CHECKED BY:	PROJECT MGR.:	SHEET NUMBER:
JUNE 2022	PL/LJO	LJO	-

**GUDE LANDFILL
 SEMI-ANNUAL REPORT
 GROUNDWATER AND SURFACE WATER**
 MONTGOMERY COUNTY, MARYLAND

**FIGURE 2
 GROUNDWATER CONTOUR MAP
 MARCH 2022**

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Tables

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**Table 1
Groundwater Elevation Data (feet above mean sea level)**

Monitoring Well	Well Top of Casing Elevation	Water Elevation																Spring 2022 Depth to Water
		F2014	S2015	F2015	S2016	F2016	S2017	F2017	S2018	F2018	S2019	F2019	S2020	F2020	S2021	F2021	S2022	
MW1B	434.00	391.76	387.14	387.58	383.79	383.44	381.07	378.78	376.73	380.47	397.70	393.00	387.00	388.99	389.65	390.15	385.25	48.75
MW2A	445.53	388.79	378.42	381.99	374.97	375.27	371.55	368.49	367.57	367.64	399.63	391.88	379.73	386.64	387.45	385.98	379.18	66.35
MW2B	444.45	388.74	378.42	382.01	374.59	375.40	371.18	367.40	364.37	365.32	399.65	391.35	379.95	386.55	388.00	385.95	379.24	65.21
MW3A	324.54	317.61	316.13	314.89	315.45	314.59	314.69	314.13	314.43	314.22	315.54	315.54	315.54	315.24	315.98	315.94	315.63	8.91
MW3B	324.73	316.15	318.24	315.28	317.07	316.30	315.56	314.33	315.11	314.95	319.71	317.73	316.73	315.77	315.76	316.43	316.32	8.41
MW04	324.75	318.17	318.59	317.93	318.35	317.77	318.00	317.93	317.98	318.52	318.35	317.45	318.20	317.95	318.13	318.07	318.01	6.74
MW06	417.29	401.58	403.40	400.31	402.76	400.77	399.84	400.67	401.42	402.73	403.49	401.59	403.24	402.09	403.29	401.73	401.00	16.29
MW07	433.81	389.88	391.09	387.91	388.37	386.13	383.42	382.90	383.93	388.15	394.91	391.81	390.66	390.01	392.36	387.86	388.36	45.45
MW08	412.66	389.40	394.17	387.40	389.92	386.31	383.59	382.99	385.29	394.40	396.16	390.66	391.46	389.16	393.61	387.14	389.14	23.52
MW09	417.69	399.12	400.95	397.09	400.05	397.19	396.30	395.78	397.55	399.28	403.44	399.49	400.69	400.19	401.27	398.67	399.28	18.41
MW10	394.03	379.96	390.48	383.56	387.30	383.45	383.15	380.53	384.52	387.34	391.43	387.53	387.78	386.43	389.51	385.33	387.99	6.04
MW11A	393.45	376.37	381.79	374.79	379.66	374.86	375.22	374.24	377.27	378.29	379.18	377.45	379.75	377.25	380.50	376.60	379.20	14.25
MW11B	393.40	376.06	378.93	374.22	377.68	374.43	375.26	374.20	376.03	377.44	382.10	376.40	378.15	376.18	378.00	375.54	377.41	15.99
MW12	397.55	390.12	384.58	380.85	383.77	380.33	379.40	378.51	380.79	384.05	389.34	383.45	383.90	382.95	384.90	381.95	383.13	14.42
MW13A	373.37	364.93	368.00	365.60	367.52	366.02	366.72	366.15	367.04	367.31	366.37	365.87	367.27	366.44	366.87	366.57	367.21	6.16
MW13B	373.35	367.77	368.72	366.49	368.24	366.87	367.41	366.85	367.66	368.11	368.53	367.15	368.05	367.35	368.38	367.35	368.00	5.35
MW-14A*	412.31	--	--	--	--	--	--	--	--	--	398.91	394.91	396.11	394.26	396.71	392.36	394.45	17.86
MW-14B*	412.34	--	--	--	--	--	--	--	--	--	397.24	392.04	394.19	392.04	394.76	390.65	392.75	19.59
MW-15*	414.45	--	--	--	--	--	--	--	--	--	405.25	401.85	402.95	401.15	403.37	400.20	401.42	13.03
MW-16A	420.11	--	--	--	--	--	--	371.14	370.79	373.44	378.55	375.91	374.81	375.57	376.66	375.09	373.81	46.30
MW-16B	418.68	--	--	--	--	--	--	370.54	370.29	372.79	376.88	374.88	374.08	375.18	375.46	373.23	373.15	45.53
MW-19A	397.54	--	--	--	--	--	--	392.50	393.33	394.22	393.29	393.04	393.34	393.14	393.16	392.44	392.97	4.57
MW-19B	397.33	--	--	--	--	--	--	392.51	393.32	394.25	393.71	393.13	393.63	393.63	393.54	392.93	393.43	3.90
MW-21A	372.45	--	--	--	--	--	--	362.89	364.67	365.61	367.10	368.45	366.35	364.36	367.32	365.67	366.08	6.37
MW-21B	371.61	--	--	--	--	--	--	363.24	364.73	365.57	367.01	365.31	366.11	364.71	367.22	365.49	365.55	6.06
MW-22A	338.79	--	--	--	--	--	--	332.91	332.61	332.84	333.58	332.99	332.89	333.01	333.39	333.16	334.06	4.73
MW-22B	339.58	--	--	--	--	--	--	334.38	334.75	335.16	334.54	335.28	335.58	335.78	335.61	336.63	335.55	4.03
MW-23A	354.89	--	--	--	--	--	--	329.35	329.68	329.81	331.27	330.49	331.19	330.89	331.19	331.55	331.09	23.80
MW-23B	354.47	--	--	--	--	--	--	330.66	328.73	329.61	331.22	330.87	330.02	329.97	329.87	330.06	330.84	23.63
MW-24A	355.02	--	--	--	--	--	--	323.78	323.67	323.99	328.02	326.02	325.82	325.57	326.52	325.47	325.51	29.51
MW-24B	354.17	--	--	--	--	--	--	323.41	323.18	323.54	326.17	325.07	325.37	325.10	325.77	324.94	324.75	29.42
OB01	415.90	400.82	402.59	399.40	401.84	399.96	399.10	399.95	400.66	402.00	402.99	401.60	402.80	402.80	402.70	400.95	402.32	13.58
OB02	418.72	401.91	404.14	400.31	403.28	400.73	399.79	400.42	401.67	404.27	405.72	402.72	403.92	402.67	404.44	401.72	402.76	15.96
OB02A	418.70	401.95	404.52	400.22	403.45	400.65	399.76	400.32	401.51	404.29	405.70	402.50	404.05	402.65	404.80	401.55	402.88	15.82
OB03	409.86	386.24	389.42	384.25	386.18	383.14	380.56	379.99	381.86	388.65	392.61	387.86	388.26	386.76	389.60	384.51	386.06	23.80
OB03A	410.07	386.23	388.46	384.24	386.17	383.08	380.61	380.06	381.94	388.81	392.82	387.77	387.97	386.39	389.62	384.49	385.66	24.41
OB04	364.21	359.37	359.95	358.57	359.42	358.41	358.65	358.27	358.71	358.83	361.01	359.31	359.51	359.83	360.50	359.76	359.90	4.31
OB04A	365.37	359.94	360.63	359.19	360.06	359.06	359.21	358.73	359.19	359.46	361.35	359.37	360.47	360.15	360.84	360.12	360.22	5.15
OB06	339.78	330.94	332.99	328.63	330.59	328.40	328.81	324.06	329.21	329.60	334.58	331.98	331.38	330.78	332.22	332.92	331.30	8.48
OB07	329.38	322.70	324.22	319.60	322.50	319.66	320.50	318.44	320.97	321.23	325.88	322.68	323.23	322.41	324.02	322.77	323.27	6.11
OB07A	328.44	321.97	323.50	319.00	321.96	319.20	320.18	318.19	320.67	320.73	325.03	321.99	322.84	321.48	323.30	322.39	322.94	5.50
OB08	324.99	319.06	319.23	318.00	318.40	317.51	317.23	316.69	316.88	316.79	320.24	318.99	318.99	317.94	319.33	318.46	318.46	6.53
OB08A	325.28	318.73	318.91	317.65	318.04	317.19	316.89	316.46	316.65	316.55	319.88	318.98	319.08	317.36	319.98	319.12	318.34	6.94

NOTES: F=Fall; S= Spring

Table 1
Groundwater Elevation Data (feet above mean sea level)

Monitoring Well	Well Top of Casing Elevation	Water Elevation															Spring 2022 Depth to Water	
		F2014	S2015	F2015	S2016	F2016	S2017	F2017	S2018	F2018	S2019	F2019	S2020	F2020	S2021	F2021		S2022
OB10	325.77	318.68	319.18	318.27	318.85	318.29	318.50	318.38	318.45	319.06	319.28	318.22	319.07	318.76	319.27	319.02	318.96	6.81
OB11	362.56	352.51	352.86	350.96	351.45	353.29	352.34	352.11	352.74	352.89	354.15	353.16	354.46	353.80	354.31	353.81	353.34	9.22
OB11A	361.90	360.32	361.13	359.66	360.39	354.02	352.40	352.18	352.82	352.77	353.55	352.80	353.85	353.24	353.55	353.59	353.17	8.73
OB12	405.01	353.58	354.71	352.79	353.91	343.36	386.78	385.77	387.47	387.80	389.81	386.71	389.01	386.71	389.33	386.99	388.26	16.75
OB015	410.01	352.99	353.91	352.44	353.42	338.52	387.55	386.20	388.64	388.86	392.36	387.91	390.21	382.71	391.28	387.26	389.42	20.59
OB025	361.89	386.75	389.49	385.26	388.54	395.39	352.21	351.87	352.96	352.71	354.34	352.99	353.89	352.49	354.54	352.85	352.73	9.16
OB102	363.17	387.69	391.47	386.07	390.45	397.19	349.71	348.57	349.17	350.29	353.86	352.67	351.87	351.83	352.27	351.77	351.49	11.68
OB105	363.24	352.94	354.67	352.10	354.17	357.97	359.64	359.07	359.69	360.70	361.26	360.24	360.54	359.64	360.91	359.84	360.24	3.00

* Monitoring wells MW-14A, MW-14B, and MW-15 were gauged during Spring 2019 event for the first time since installation in 2011.

**Table 2
Spring 2022 Results**

Parameters	Units	Location:	MW-1B	MW-2A	MW-2B	MW-3A	MW-3B	MW-4	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11A
		Sample Date:	3/28/2022	3/29/2022	3/29/2022	3/30/2022	3/30/2022	3/29/2022	3/31/2022	4/4/2022	4/5/2022	4/6/2022	4/6/2022	4/6/2022
		MCL	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results
General Parameters														
Alkalinity	mg/L	--	50.6	31.7	28.9	20.7	85.1	49.8	242	169	205	13.1	42.0	26.6
Ammonia Nitrogen	mg/L	--	0.02 J	0.02 U	0.16 J	0.02 J	0.02 U	0.02 U	0.32 J	0.3 J	0.02 U	0.23 J	0.11 J	0.06 J
Chemical Oxygen Demand	mg/L	--	3 U	3 U	3 U	3 U	3 U	3 U	3.2 J	14.5	3 U	3 U	17.5	3 U
Chloride	mg/L	--	2.29 J	5.37	4.5 J	3.43 J	3.36 J	175	475	120	93.6	22.1	0.549 J	19.6
Dissolved Oxygen, Field	mg/L	--	8.32	3.36	3.01	8.81	2.78	7.07	0.98	0.87	8.51	6.18	8.49	4.74
Hardness	mg/L	--	37.0	22.2	21.5	18.8	50.6	229	499	287	251	39.9	35.9	51.1
Nitrate	mg/L	10	0.177 J	0.084 J	0.064 J	0.013 J	0.054 J	0.665 J	0.015 J	0.456 J	8.04	1.59	0.055 J	1.68
ORP, Field	mV	--	122.3	176.7	233.1	173.5	103.1	118.8	97.1	33.2	75.8	249.2	174.5	197
pH, Field	SU	--	6.12	5.3	5.26	5.72	7.1	5.68	5.82	5.76	7.71	5.12	5.88	5.43
pH, Lab	SU	--	6.23	5.46	5.41	5.98	6.84	5.89	6.05	5.93	7.77	5.37	6.11	5.68
Specific Conductivity, Field	µS/cm	--	865	72.0	63.0	38.9	179.3	603	1922	843	706	113	76.9	141.2
Specific Conductivity, Lab	µmhos/cm	--	96.27	78.09	70.53	54.18	197	697.4	1993	834.2	813.5	131.1	91.7	148.6
Sulfate, total	mg/L	--	0.3 U	0.6 J	0.8 J	0.7 J	13.8	4.6	26.4	60.2	36.6	0.3 U	5.5	5.7
Temperature, field	°C	--	15.5	14.4	15.8	13.9	7.3	13.9	17.4	18.6	14.1	17.5	13.7	16.2
Total Dissolved Solids	mg/L	--	71.3	50.5	43.5	46	134	389	1110	492	453	85.5	71.3	121
Total Suspended Solids	mg/L	--	114	105	10.5	1250	34.4	711	107	13.1	158	114	322	213
Turbidity	NTU	--	35	9.89	4.71	137	11.8	183	10.9	2.82	8.05	38.8	134	78.0
Turbidity, Field	NTU	--	105	18.9	4.68	88.7	23.71	1076	24.19	8.08	24.5	131	323	118
Inorganics														
Antimony, total	mg/L	0.006	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Arsenic, total	mg/L	0.01	0.001 U	0.001 U	0.001 U	0.001 U	0.0011 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Barium, total	mg/L	2	0.00402 J	0.011	0.0121	0.0209	0.00638 J	0.0824	0.372	0.0892	0.0599	0.0447	0.0541	0.0468
Beryllium, total	mg/L	0.004	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium, total	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Calcium, total	mg/L	--	8.21	4.54	4.48	4.01	16.0	45.9	84.6	61.5	46.4	6.91	7.12	11.9
Chromium, total	mg/L	0.1	0.02	0.00666 J	0.00488 J	0.00412 J	0.00324 J	0.0042 J	0.00209 J	0.00291 J	0.00444 J	0.00542 J	0.00221 J	0.00693 J
Cobalt, total	mg/L	--	0.00228 J	0.00227 J	0.00116 J	0.00487 J	0.001 U	0.00279 J	0.676	0.0169	0.001 U	0.001 U	0.00139 J	0.0025 J
Copper, total	mg/L	--	0.00621 J	0.00594 J	0.00123 J	0.00736 J	0.00482 J	0.00411 J	0.00462 J	0.00397 J	0.00271 J	0.00207 J	0.0113	0.0051 J
Iron, total	mg/L	--	0.872	0.468	0.142	2.32	0.222	4.72	3.34	2.74	0.368	0.278	1.21	1.22
Lead, total	mg/L	0.015	0.00164 J	0.00129 J	0.00163 J	0.00367	0.00127 J	0.00551	0.001 U	0.001 U	0.001 U	0.001 U	0.00192 J	0.00114 J
Magnesium, total	mg/L	--	4.01	2.65	2.51	2.14	2.6	27.8	69.8	32.3	32.9	5.51	4.41	5.18
Manganese, total	mg/L	--	0.066	0.11	0.0751	0.351	0.027	0.676	42.7	1.02	0.00821 J	0.0815	0.0585	0.0529
Mercury, total	mg/L	0.002	0.0001 U	0.00018 J	0.000138 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel, total	mg/L	--	0.0201	0.00745 J	0.00408 J	0.00288 J	0.00178 J	0.00361 J	0.0946	0.00764 J	0.00432 J	0.00688 J	0.00365 J	0.00759 J
Potassium, total	mg/L	--	2.39 B	1.58 B	1.43 B	1.48	1.25	3.47 B	4.27	3.81	8.94	0.848	0.929	0.748
Selenium, total	mg/L	0.05	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0014 J	0.0053 J	0.001 U	0.001 U	0.001 U	0.001 J	0.001 U
Silver, total	mg/L	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Sodium, total	mg/L	--	7.58	4.45	3.99	3.44	20.2	31.7	196	53.0	63.8	3.94	4.58	4.8
Thallium, total	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium, total	mg/L	--	0.00183 J	0.001 U	0.001 U	0.00417 J	0.00122 J	0.00218 J	0.001 U	0.001 U	0.0017 J	0.001 U	0.00563 J	0.00366 J
Zinc, total	mg/L	--	0.0106	0.0132	0.00401 J	0.0135	0.0114	0.0138	0.0355	0.00563 J	0.004 U	0.016	0.0215	0.0171
VOCs														
1,1,1,2-Tetrachloroethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	µg/L	200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 2
Spring 2022 Results

Parameters	Units	Location:	MW-1B	MW-2A	MW-2B	MW-3A	MW-3B	MW-4	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11A
		Sample Date:	3/28/2022	3/29/2022	3/29/2022	3/30/2022	3/30/2022	3/29/2022	3/31/2022	4/4/2022	4/5/2022	4/6/2022	4/6/2022	4/6/2022
		MCL	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results
1,1-Dichloroethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	µg/L	7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	µg/L	0.2	0.047 U	0.047 U	0.048 U	0.047 U	0.047 U	0.048 U	0.048 U	0.047 U	0.048 U	0.047 U	0.047 U	0.047 U
1,2-Dibromoethane	µg/L	0.05	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
1,2-Dichlorobenzene	µg/L	600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	75	1 U	1 U	1 U	1 U	1 U	1 U	6.1	4.0	1 U	1 U	1 U	1 U
2-Butanone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acrylonitrile	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	µg/L	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	µg/L	100	1 U	1 U	1 U	1 U	1 U	1 U	9.7	1 U	1 U	1 U	1 U	1 U
Chloroethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	µg/L	80	1 U	1 U	1 U	1.7	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	µg/L	70	1 U	1 U	1 U	1 U	1 U	1 U	2.7	3.0	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	µg/L	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	µg/L	700	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m&p-Xylene	µg/L	10000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Iodide	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tertiary Butyl Ether	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Bromide	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
o-Xylene	µg/L	10000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/L	5	1 U	1.3	1.3	1 U	1 U	1 U	1 U	1.4	1 U	3.8	1 U	1 U
Toluene	µg/L	1000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	µg/L	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

**Table 2
Spring 2022 Results**

Parameters	Units	Location:	MW-11B	MW-12	MW-13A	MW-13B	MW-14A	MW-14B	MW-15	MW-16A	MW-16B	MW-19A	MW-19B	MW-21A	
		Sample Date:	4/6/2022	4/6/2022	4/4/2022	4/4/2022	4/6/2022	4/6/2022	4/6/2022	4/6/2022	4/4/2022	4/4/2022	3/28/2022	3/28/2022	3/31/2022
		MCL	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results
General Parameters															
Alkalinity	mg/L	--	71.4	23.1	26.2	208	24.3	39.9	30.9	252	188	59.8	109	336	
Ammonia Nitrogen	mg/L	--	0.04 J	0.13 J	0.08 J	0.02 J	0.1 J	0.04 J	0.07 J	0.19 J	0.27 J	0.08 J	0.02 U	4.71	
Chemical Oxygen Demand	mg/L	--	3 U	3 U	7.3 J	7 J	3 U	3 U	3 U	27.3	29.3	3 U	3 U	12.8	
Chloride	mg/L	--	23.6	62.7	102	107	73.4	23.7	34.7	97.4	261	295	230	50.2	
Dissolved Oxygen, Field	mg/L	--	4.00	5.88	0.99	0.98	5.83	5.66	4.63	0.84	1.05	0.90	0.98	0.81	
Hardness	mg/L	--	96.4	48.0	160	354	96.9	64.2	75.5	217	429	306	379	295	
Nitrate	mg/L	10	3.23	2.1	4.73	5.04	2.54	4.90	4.68	2.21	0.745 J	1.97	1.32	1.24	
ORP, Field	mV	--	178.1	246.8	22.18	143.8	223.8	190.7	211.7	-35.6	68.5	169.4	154.5	240	
pH, Field	SU	--	6.14	5.22	5.03	5.99	5.34	5.71	5.45	6.27	5.49	5.63	5.84	6.18	
pH, Lab	SU	--	6.34	5.48	5.24	6.18	5.57	5.87	5.67	6.41	6.2	2.71	6.06	6.33	
Specific Conductivity, Field	µS/cm	--	215.2	333.5	376.3	688	358.6	180.4	204.4	923	1138	950	841	737	
Specific Conductivity, Lab	µmhos/cm	--	248.1	345.5	451.6	826.1	374.2	201	234.6	852.7	1216	2082	992.6	837.9	
Sulfate, total	mg/L	--	3.3 J	30.7	1.2 J	21	22.8	4.8	6.4	27.9	9.1	12.9	10.8	15.6	
Temperature, field	°C	--	14.1	17.3	11.8	12.1	17.3	15.2	16.0	20.7	17.3	12.2	17.7	13.1	
Total Dissolved Solids	mg/L	--	156	194	259	475	223	139	117	480	631	578	513	444	
Total Suspended Solids	mg/L	--	220	273	123	3.6	1340	53.7	291	246	47.4	513	10 U	247	
Turbidity	NTU	--	40.7	26	35.3	0.751	324	3.5	77.2	55	4.77	35.6	12.6	31.1	
Turbidity, Field	NTU	--	52.0	45.0	52.5	3.5	415	70.0	300	58.2	10.75	92.68	30.64	8.51	
Inorganics															
Antimony, total	mg/L	0.006	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
Arsenic, total	mg/L	0.01	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00268	0.00179 J	0.001 U	0.001 U	0.00123 J	
Barium, total	mg/L	2	0.0473	0.102	0.192	0.0715	0.219	0.0164	0.0766	0.346	0.0339	0.122	0.0378	0.296	
Beryllium, total	mg/L	0.004	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
Cadmium, total	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
Calcium, total	mg/L	--	19.5	10.2	28.3	90.2	17.4	13.8	13.8	28.3	69.4	54.6	86.8	60.2	
Chromium, total	mg/L	0.1	0.00382 J	0.00306 J	0.001 U	0.00121 J	0.0113	0.00164 J	0.00443 J	0.0104	0.0049 J	0.00177 J	0.00136 J	0.00166 J	
Cobalt, total	mg/L	--	0.00443 J	0.001 U	0.0154	0.001 U	0.00957 J	0.001 U	0.00218 J	0.00972 J	0.00935 J	0.016	0.001 U	0.0723	
Copper, total	mg/L	--	0.0051 J	0.00148 J	0.00305 J	0.00209 J	0.0279	0.001 U	0.00932 J	0.00455 J	0.00295 J	0.00769 J	0.00265 J	0.00174 J	
Iron, total	mg/L	--	2.86	0.354	0.701	0.0787 J	3.25	0.12	1.09	9.92	2.27	0.753	0.191	42.4	
Lead, total	mg/L	0.015	0.00118 J	0.001 U	0.001 U	0.001 U	0.00177 J	0.001 U	0.00113 J	0.00149 J	0.001 U	0.00199 J	0.001 U	0.001 U	
Magnesium, total	mg/L	--	11.6	5.49	21.7	31.3	13.0	7.24	9.95	35.6	62.2	41.2	39.5	35.1	
Manganese, total	mg/L	--	0.165	0.0397	0.558	0.044	0.164	0.0146	0.065	9.65	12.5	1.75	0.0353	8.99	
Mercury, total	mg/L	0.002	0.0001 U	0.0001 U	0.000183 J	0.000217	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000408	0.000414	0.0001 U	
Nickel, total	mg/L	--	0.00556 J	0.00279 J	0.0109 J	0.0036 J	0.0232	0.00183 J	0.00584 J	0.0145	0.0148	0.0106 J	0.00564 J	0.0135	
Potassium, total	mg/L	--	1.27	1.38	2.26	3.59	2.54	1.4	1.68	4.06	4.11	4.51 B	3.63 B	15.2	
Selenium, total	mg/L	0.05	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00109 J	0.001 U	0.001 U	0.00133 J	0.001 U	0.001 U	
Silver, total	mg/L	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
Sodium, total	mg/L	--	9.78	42.0	14.5	20.1	29.4	7.8	8.76	87.5	56.7	83.0	24.9	41.6	
Thallium, total	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
Vanadium, total	mg/L	--	0.0101	0.00139 J	0.001 U	0.001 U	0.0113	0.001 U	0.0023 J	0.001 U	0.001 U	0.00158 J	0.001 U	0.001 U	
Zinc, total	mg/L	--	0.0137	0.00528 J	0.0173	0.00812 J	0.0431	0.004 U	0.0104	0.0119	0.00975 J	0.034	0.0061 J	0.0144	
VOCs															
1,1,1,2-Tetrachloroethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,1,1-Trichloroethane	µg/L	200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,1,2,2-Tetrachloroethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,1,2-Trichloroethane	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	

**Table 2
Spring 2022 Results**

Parameters	Units	Location:	MW-11B	MW-12	MW-13A	MW-13B	MW-14A	MW-14B	MW-15	MW-16A	MW-16B	MW-19A	MW-19B	MW-21A	
		Sample Date:	4/6/2022	4/6/2022	4/4/2022	4/4/2022	4/6/2022	4/6/2022	4/6/2022	4/6/2022	4/4/2022	4/4/2022	3/28/2022	3/28/2022	3/31/2022
		MCL	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results
1,1-Dichloroethane	µg/L	--	1 U	1 U	7.8	7.2	1 U	1 U	1 U	1 U	1 U	3.0	4.9	1.3	
1,1-Dichloroethene	µg/L	7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2,3-Trichloropropane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2-Dibromo-3-chloropropane	µg/L	0.2	0.047 U	0.047 U	0.048 U	0.047 U	0.047 U	0.046 U	0.047 U	0.048 U	0.047 U	0.048 U	0.047 U	0.047 U	
1,2-Dibromoethane	µg/L	0.05	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	
1,2-Dichlorobenzene	µg/L	600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2-Dichloroethane	µg/L	5	1 U	1 U	1 J	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2-Dichloropropane	µg/L	5	1 U	1 U	2.9	3.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,3-Dichloropropane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,4-Dichlorobenzene	µg/L	75	1 U	1 U	2.6	5.7	1 U	1 U	1 U	2.1	5.1	1 U	1 U	1 U	
2-Butanone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
2-Hexanone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
4-Methyl-2-Pentanone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
Acetone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
Acrylonitrile	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
Benzene	µg/L	5	1 U	1 U	1 U	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromochloromethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromodichloromethane	µg/L	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromoform	µg/L	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromomethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Carbon Disulfide	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Carbon Tetrachloride	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chlorobenzene	µg/L	100	1 U	1 U	1 U	1.1	1 U	1 U	1 U	5.7	10.1	1 U	1 U	1 U	
Chloroethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chloroform	µg/L	80	1 J	1 U	3.5	1 U	1 U	1.1	1 U	1 U	1 U	1 U	1 U	1 U	
Chloromethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
cis-1,2-Dichloroethene	µg/L	70	8.2	1 U	42.9	45.5	1 U	1 U	1 U	1 U	3.9	7.8	15.8	4.7	
cis-1,3-Dichloropropene	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Dibromochloromethane	µg/L	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Ethylbenzene	µg/L	700	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
m&p-Xylene	µg/L	10000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Methyl Iodide	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Methyl Tertiary Butyl Ether	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Methylene Bromide	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Methylene Chloride	µg/L	5	1 U	1 U	1.8	2.4	1 U	1 U	1 U	1 U	1 U	1 U	1 J	1 U	
o-Xylene	µg/L	10000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Tetrachloroethene	µg/L	5	10.8	1 U	6.3	9.0	1 U	1 U	1 U	1 U	1 U	1.9	2.0	1 U	
Toluene	µg/L	1000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	6.9	1 U	1 U	1 U	1 U	
trans-1,2-Dichloroethene	µg/L	--	1 U	1 U	1.5	1.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
trans-1,3-Dichloropropene	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Trichloroethene	µg/L	5	5.3	1 U	8.6	9.2	1 U	1 U	1 U	1 U	1 U	2.6	4.3	2.6	
Trichlorofluoromethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U	1 U	
Vinyl Acetate	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Vinyl Chloride	µg/L	2	1 U	1 U	2.4	3.9	1 U	1 U	1 U	1 U	1 U	1 U	1 J	1 U	

**Table 2
Spring 2022 Results**

Parameters	Units	Location:	MW-21B	MW-22A	MW-22B	MW-23A	MW-23B	MW-24A	MW-24B	OB01	OB02	OB02A	OB03	OB03A	
		Sample Date:	3/31/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/31/2022	3/31/2022	3/31/2022	4/5/2022	4/5/2022	4/5/2022	4/5/2022	4/5/2022
		MCL	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results
General Parameters															
Alkalinity	mg/L	--	241	374	274	67.2	35.1	189	291	79.4	89.3	56.2	283	488	
Ammonia Nitrogen	mg/L	--	0.46 J	0.11 J	0.03 J	0.08 J	0.02 J	0.56 J	0.15 J	0.04 J	0.03 J	0.02 J	1.29	3.44	
Chemical Oxygen Demand	mg/L	--	12.1	6.3 J	7.4 J	12.2	3 U	27.8	32.4	3 U	3 U	3 U	15.3	12.9	
Chloride	mg/L	--	196	153	119	92.1	95.5	372	356	579	143	416	233	105	
Dissolved Oxygen, Field	mg/L	--	1.25	0.87	1.70	1.29	3.25	0.79	0.78	0.88	0.97	0.65	0.98	1.14	
Hardness	mg/L	--	320	462	360	139	123	526	660	597	241	537	441	547	
Nitrate	mg/L	10	0.011 U	0.011 U	0.011 U	0.175 J	3.27	0.011 U	0.011 U	2.3	0.011 U	1.16	0.011 U	0.011 U	
ORP, Field	mV	--	-9.5	-21.5	-60.1	-53.4	164.7	-18.1	-927	182.4	79.7	184.9	35.8	-56.4	
pH, Field	SU	--	5.96	6.49	6.89	6.35	5.21	5.89	6.36	5.57	6.26	5.49	5.77	6.46	
pH, Lab	SU	--	6.16	6.61	6.96	6.6	5.38	5.8	6.41	5.76	6.45	5.68	5.94	6.58	
Specific Conductivity, Field	µS/cm	--	999	1048	735	341.5	354.1	1516	1596	1950	634	1389	1160	1139	
Specific Conductivity, Lab	µmhos/cm	--	1064	1211	925.9	369.5	418	1498	1559	2059	656	1501	1286	1351	
Sulfate, total	mg/L	--	15.1	37.2	28	7.8	3.8 J	49.8	0.3 U	26.2	10.9	24.5	20.2	92.5	
Temperature, field	°C	--	14.1	13.1	9.5	10.1	13.9	19.5	16.8	16.8	13.8	15.2	14.1	11.3	
Total Dissolved Solids	mg/L	--	605	670	514	221	224	880	888	1080	521	824	736	783	
Total Suspended Solids	mg/L	--	355	1060	23.5	92.3	646	328	86.9	12.4	8.6	29.4	8.2	421	
Turbidity	NTU	--	103	38.3	42.6	22.3	272	39.9	185	5.84	4.64	1.74	6.19	84.5	
Turbidity, Field	NTU	--	52.3	22.5	17.1	25.9	321	35.1	19.8	5.74	10.8	8.1	6.0	21.15	
Inorganics															
Antimony, total	mg/L	0.006	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
Arsenic, total	mg/L	0.01	0.00261	0.00189 J	0.0096	0.001 U	0.001 U	0.00591	0.0357	0.001 U	0.001 U	0.001 U	0.0021	0.00539	
Barium, total	mg/L	2	0.0999	0.0351	0.0329	0.0211	0.196	0.302	0.219	0.321	0.185	0.476	0.459	0.149	
Beryllium, total	mg/L	0.004	0.001 U	0.00108 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
Cadmium, total	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
Calcium, total	mg/L	--	70.1	124	99.4	22.1	17.6	87.2	115	115	54.0	106	88.8	109	
Chromium, total	mg/L	0.1	0.00992 J	0.00921 J	0.0107	0.00699 J	0.00814 J	0.0137	0.00193 J	0.00204 J	0.00112 J	0.00298 J	0.00318 J	0.00159 J	
Cobalt, total	mg/L	--	0.0509	0.0036 J	0.0036 J	0.00277 J	0.00576 J	0.0753	0.059	0.0201	0.0058 J	0.00151 J	0.0528	0.0183	
Copper, total	mg/L	--	0.0101	0.0159	0.00276 J	0.0137	0.00798 J	0.0108	0.00129 J	0.00979 J	0.00394 J	0.00385 J	0.00323 J	0.00126 J	
Iron, total	mg/L	--	32	14.9	3.92	3.69	1.2	23.2	49.6	0.862	0.929	0.501	24.2	16.4	
Lead, total	mg/L	0.015	0.00267	0.0108	0.001 U	0.00198 J	0.00458	0.00274	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
Magnesium, total	mg/L	--	35.3	36.2	26.2	20.3	19.3	74.8	90.3	75.0	25.8	65.7	53.3	67.5	
Manganese, total	mg/L	--	4.68	1.27	0.493	0.215	0.152	11	4.41	3.28	1.58	0.0514	22.2	3.68	
Mercury, total	mg/L	0.002	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000578	0.0001 U	0.0001 U	0.00023	0.0001 U	0.000153 J	0.0001 U	0.0001 U	
Nickel, total	mg/L	--	0.031	0.00797 J	0.00942 J	0.00952 J	0.00877 J	0.0527	0.0188	0.0201	0.00474 J	0.0127	0.0166	0.00697 J	
Potassium, total	mg/L	--	3.56	5.38 B	7.36 B	5.02 B	3.87 B	5.55	4.21	5.32	5.85	6.14	6.86	14.2	
Selenium, total	mg/L	0.05	0.001 U	0.00256 J	0.001 U	0.001 U	0.00227 J	0.00119 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
Silver, total	mg/L	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00196 J	0.001 U	0.001 U	0.001 U	0.001 U	
Sodium, total	mg/L	--	73.3	73.0	44.4	13.0	29.3	50.1	35.7	165	20.9	57.7	53.8	78.8	
Thallium, total	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
Vanadium, total	mg/L	--	0.00141 J	0.00497 J	0.001 U	0.00187 J	0.00348 J	0.00174 J	0.001 U	0.001 U	0.001 U	0.00196 J	0.001 U	0.001 U	
Zinc, total	mg/L	--	0.0193	0.014	0.0109	0.0804	0.0715	0.0182	0.004 U	0.0158	0.004 U	0.00668 J	0.004 U	0.004 U	
VOCs															
1,1,1,2-Tetrachloroethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,1,1-Trichloroethane	µg/L	200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,1,2,2-Tetrachloroethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,1,2-Trichloroethane	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	

**Table 2
Spring 2022 Results**

Parameters	Units	Location:	MW-21B	MW-22A	MW-22B	MW-23A	MW-23B	MW-24A	MW-24B	OB01	OB02	OB02A	OB03	OB03A	
		Sample Date:	3/31/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/31/2022	3/31/2022	3/31/2022	4/5/2022	4/5/2022	4/5/2022	4/5/2022	4/5/2022
		MCL	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results
1,1-Dichloroethane	µg/L	--	10.6	1 U	1 U	1 U	1 U	1.1	2.1	1 U	1 U	1 U	15.6	1 U	
1,1-Dichloroethene	µg/L	7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2,3-Trichloropropane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2-Dibromo-3-chloropropane	µg/L	0.2	0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.048 U	0.048 U	0.047 U	0.048 U	0.048 U	0.047 U	0.047 U	
1,2-Dibromoethane	µg/L	0.05	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.026	0.019 U	0.019 U	0.019 U	0.019 U	
1,2-Dichlorobenzene	µg/L	600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5	1 U	
1,2-Dichloroethane	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.9	1 U	
1,2-Dichloropropane	µg/L	5	3.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.7	1 U	
1,3-Dichloropropane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,4-Dichlorobenzene	µg/L	75	1.4	1 U	1 U	1 U	1 U	10.6	17.2	1 U	1 U	1 U	16.2	1.5	
2-Butanone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
2-Hexanone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
4-Methyl-2-Pentanone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
Acetone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
Acrylonitrile	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
Benzene	µg/L	5	1 U	1 U	1 U	1 U	1 U	3.5	5.9	1 U	1 U	1 U	1.6	1 U	
Bromochloromethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromodichloromethane	µg/L	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromoform	µg/L	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromomethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Carbon Disulfide	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Carbon Tetrachloride	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chlorobenzene	µg/L	100	1 U	1 U	1 U	1 U	1 U	7.3	5.3	1 U	1 U	1 U	2.4	1.5	
Chloroethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.3	1 U	
Chloroform	µg/L	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chloromethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
cis-1,2-Dichloroethene	µg/L	70	34.7	6.0	3.4	1 U	3.2	1.2	1.2	1 U	1 U	1 U	47.4	2.3	
cis-1,3-Dichloropropene	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Dibromochloromethane	µg/L	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Ethylbenzene	µg/L	700	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
m&p-Xylene	µg/L	10000	2.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Methyl Iodide	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Methyl Tertiary Butyl Ether	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.8 J	1 U	
Methylene Bromide	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Methylene Chloride	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
o-Xylene	µg/L	10000	1.3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Tetrachloroethene	µg/L	5	6.2	1 U	1 U	1 U	1.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Toluene	µg/L	1000	1.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
trans-1,2-Dichloroethene	µg/L	--	1.3	1 U	1 U	1 U	1 U	1.5	2.5	1 U	1 U	1 U	3.7	1 U	
trans-1,3-Dichloropropene	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Trichloroethene	µg/L	5	21.2	4.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.2	1 U	
Trichlorofluoromethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Vinyl Acetate	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Vinyl Chloride	µg/L	2	3.2	1 U	1 U	1 U	1 U	4.0	1.1	1 U	1 U	1 U	7.7	1 U	

**Table 2
Spring 2022 Results**

Parameters	Units	Location:	OB04	OB04A	OB06	OB07	OB07A	OB08	OB08A	OB10	OB11	OB11A	OB12	OB015	
		Sample Date:	4/4/2022	4/4/2022	3/29/2022	3/29/2022	3/29/2022	3/30/2022	3/30/2022	3/29/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022
		MCL	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results
General Parameters															
Alkalinity	mg/L	--	269	158	334	223	151	217	229	167	308	388	141	112	
Ammonia Nitrogen	mg/L	--	0.8 J	0.48 J	0.04 J	0.03 J	0.02 J	0.05 J	0.36 J	0.04 J	0.07 J	0.46 J	0.02 U	0.02 U	
Chemical Oxygen Demand	mg/L	--	32.2	39	42.5	9.8 J	17.7	3 U	6.2 J	14.5	30.4	31.7	9.2 J	3 U	
Chloride	mg/L	--	538	601	337	244	270	51.7	75.6	287	462	442	87.6	9.82	
Dissolved Oxygen, Field	mg/L	--	1.06	0.98	1.32	1.06	1.9	1.09	0.88	1.06	1.08	0.84	0.85	1.92	
Hardness	mg/L	--	894	837	632	579	519	224	243	494	771	761	220	89.9	
Nitrate	mg/L	10	0.011 U	0.011 U	0.131 J	0.778 J	0.972 J	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.441 J	1.08	
ORP, Field	mV	--	157.5	147.3	145.6	118.9	155.2	93.3	27.7	0.2	127.3	76.1	13.2	58.2	
pH, Field	SU	--	5.89	5.55	5.98	6.37	5.87	6.41	6.08	5.9	5.65	5.79	5.62	6.19	
pH, Lab	SU	--	6.08	5.77	6.2	6.57	6.04	6.55	6.27	6.14	5.85	5.98	5.71	6.37	
Specific Conductivity, Field	µS/cm	--	1948	1919	1500	1022	914	489.8	599	1068	1804	1941	351	367.8	
Specific Conductivity, Lab	µmhos/cm	--	2213	2222	1825	1291	1255	592.5	675.6	1239	2030	2077	611.8	379.8	
Sulfate, total	mg/L	--	15.8	9.9	99.6	48.8	48.2	7.5	2 J	1.8 J	10.3	7.9	21.8	59	
Temperature, field	°C	--	13.9	13.1	11.4	10.6	8.2	11.8	13.7	12.1	14.1	16.2	14.8	16.9	
Total Dissolved Solids	mg/L	--	1280	1190	1020	740	698	338	368	676	1100	1110	359	214	
Total Suspended Solids	mg/L	--	5.7	27.7	138	120	33.6	6.8	59.0	11.6	17.7	48.4	2.2 U	10.1	
Turbidity	NTU	--	2.67	1.45	73.5	117	4.74	2.29	20.5	2.63	4.14	17.1	1.15	16.6	
Turbidity, Field	NTU	--	4.26	2.61	75.13	180.23	4.97	6.39	12.63	2.77	9.01	123.4	1.55	19.15	
Inorganics															
Antimony, total	mg/L	0.006	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
Arsenic, total	mg/L	0.01	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00288	0.001 U	0.001 U	0.00172 J	0.001 U	0.001 U	
Barium, total	mg/L	2	0.305	0.0724	0.179	0.0425	0.0555	0.138	0.0606	0.0878	0.0251	0.165	0.0187	0.048	
Beryllium, total	mg/L	0.004	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
Cadmium, total	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00348 J	0.001 U	0.0123	0.00255 J	0.001 U	0.001 U	
Calcium, total	mg/L	--	183	151	149	148	109	65.2	56.2	104	155	138	42.5	10.1	
Chromium, total	mg/L	0.1	0.00176 J	0.001 U	0.00291 J	0.0038 J	0.00166 J	0.00149 J	0.00183 J	0.00147 J	0.00413 J	0.00125 J	0.001 U	0.00198 J	
Cobalt, total	mg/L	--	0.00148 J	0.00135 J	0.00473 J	0.00199 J	0.00782 J	0.00507 J	0.0174	0.0133	0.00208 J	0.0432	0.001 U	0.001 U	
Copper, total	mg/L	--	0.0522	0.0309	0.00731 J	0.0123	0.00607 J	0.00465 J	0.00746 J	0.00292 J	0.00449 J	0.00946 J	0.001 U	0.00253 J	
Iron, total	mg/L	--	0.0925 J	0.0331 J	0.674	2.23	0.278	0.21	5.15	1.26	0.376	4.1	0.0682 J	1.36	
Lead, total	mg/L	0.015	0.001 U	0.001 U	0.00215	0.00764	0.0013 J	0.001 U	0.00475	0.00185 J	0.001 U	0.0046	0.001 U	0.001 U	
Magnesium, total	mg/L	--	106	112	63.1	50.5	60.1	15.0	25.0	56.9	93.2	101	27.7	15.7	
Manganese, total	mg/L	--	3.96	2.98	0.65	0.151	0.324	5.2	8.37	8.61	1.93	16.8	0.122	0.0204	
Mercury, total	mg/L	0.002	0.000303	0.0001 U	0.000612	0.00397	0.000746	0.0001 U	0.000107 J	0.000186 J	0.00456	0.00172	0.0001 U	0.0001 U	
Nickel, total	mg/L	--	0.0169	0.0268	0.00975 J	0.00334 J	0.00418 J	0.00378 J	0.00518 J	0.0165	0.0333	0.0373	0.00756 J	0.001 U	
Potassium, total	mg/L	--	7.24	5.83	5.44	4.94 B	3.25 B	2.61	2.9	4.45 B	4.98	5.69	5.84	1.78	
Selenium, total	mg/L	0.05	0.001 U	0.001 U	0.00126 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00121 J	0.001 U	0.001 U	
Silver, total	mg/L	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
Sodium, total	mg/L	--	75.2	98.3	146	24.4	29.7	24.4	34.0	29.4	117	136	29.3	46.9	
Thallium, total	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
Vanadium, total	mg/L	--	0.001 U	0.001 U	0.00114 J	0.00426 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
Zinc, total	mg/L	--	0.0119	0.0271	0.0149	0.0104	0.00749 J	0.00568 J	0.0273	0.00538 J	0.038	0.02	0.004 U	0.00746 J	
VOCs															
1,1,1,2-Tetrachloroethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,1,1-Trichloroethane	µg/L	200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,1,2,2-Tetrachloroethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,1,2-Trichloroethane	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	

**Table 2
Spring 2022 Results**

Parameters	Units	Location:	OB04	OB04A	OB06	OB07	OB07A	OB08	OB08A	OB10	OB11	OB11A	OB12	OB015	
		Sample Date:	4/4/2022	4/4/2022	3/29/2022	3/29/2022	3/29/2022	3/30/2022	3/30/2022	3/29/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022
		MCL	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results
1,1-Dichloroethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.7	8.9	10.3	17.6	1 U	
1,1-Dichloroethene	µg/L	7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2,3-Trichloropropane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,2-Dibromo-3-chloropropane	µg/L	0.2	0.047 U	0.047 U	0.047 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	
1,2-Dibromoethane	µg/L	0.05	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	
1,2-Dichlorobenzene	µg/L	600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.1	2.8	1.1	1 U	
1,2-Dichloroethane	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.6	1.6	1.3	1 U	
1,2-Dichloropropane	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.2	3.5	3.9	9.9	1 U	
1,3-Dichloropropane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
1,4-Dichlorobenzene	µg/L	75	10.6	8.0	1 U	1 U	1 U	3.2	6.7	10.8	21.5	22.8	12.1	1 U	
2-Butanone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
2-Hexanone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
4-Methyl-2-Pentanone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
Acetone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
Acrylonitrile	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
Benzene	µg/L	5	2.1	1.9	1 U	1 U	1 U	1 U	1.1	2.1	2.1	1.8	3.8	1 U	
Bromochloromethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromodichloromethane	µg/L	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromoform	µg/L	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromomethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Carbon Disulfide	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Carbon Tetrachloride	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chlorobenzene	µg/L	100	1.9	1.9	1.6	1 U	1 U	5.3	10.1	5.7	31.4	31.6	4.0	1 U	
Chloroethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chloroform	µg/L	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chloromethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
cis-1,2-Dichloroethene	µg/L	70	22.5	16.6	1 U	1.6	1.6	9.6	9.6	23.1	63.3	55.4	41.5	1 U	
cis-1,3-Dichloropropene	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Dibromochloromethane	µg/L	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Ethylbenzene	µg/L	700	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
m&p-Xylene	µg/L	10000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Methyl Iodide	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Methyl Tertiary Butyl Ether	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.7 J	1.7 J	1.1 J	1 U	
Methylene Bromide	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Methylene Chloride	µg/L	5	3.5	2.1	1 U	1 U	1 U	1 U	1 U	1 U	2.8	1 U	3.5	1 U	
o-Xylene	µg/L	10000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Tetrachloroethene	µg/L	5	1.4	1.5	1 U	1 U	1 U	1 U	1 U	1 U	7.3	1.8	14.8	1 U	
Toluene	µg/L	1000	1 U	3.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
trans-1,2-Dichloroethene	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.9	2.3	2.7	3.4	1 U	
trans-1,3-Dichloropropene	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Trichloroethene	µg/L	5	1.5	1.4	1 U	1 U	1 U	1 U	1 U	1.7	6.8	7.4	14.6	1 U	
Trichlorofluoromethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.3	1 U	
Vinyl Acetate	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Vinyl Chloride	µg/L	2	2.7	1.7	1 U	1 U	1 U	1 U	1.5	24.8	12.5	16.6	9.1	1 U	

**Table 2
Spring 2022 Results**

Parameters	Units	Location:	OB025	OB102	OB105	ST015	ST065	ST70	ST80	ST120
		Sample Date:	3/30/2022	3/29/2022	4/4/2022	3/28/2022	3/29/2022	3/29/2022	3/31/2022	4/4/2022
		MCL	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results
General Parameters										
Alkalinity	mg/L	--	330	1010	1450	67.3	79.0	106	70.5	70.0
Ammonia Nitrogen	mg/L	--	0.14 J	18.9	0.6 J	0.08 J	0.02 J	0.14 J	0.12 J	0.02 J
Chemical Oxygen Demand	mg/L	--	18.6	135	162	3 U	6.6 J	9.4 J	5.1 J	5.2 J
Chloride	mg/L	--	151	443	270	105	198	200	157	189
Dissolved Oxygen, Field	mg/L	--	1.05	0.83	0.94	8.71	8.69	5.48	7.68	7.39
Hardness	mg/L	--	361	564	925	143	175	209	146	177
Nitrate	mg/L	10	4.94	0.011 U	0.011 U	1.56	1.2	1.4	1.33	1.22
ORP, Field	mV	--	76.1	141.3	-111.7	137.1	240.9	163	294.5	181.8
pH, Field	SU	--	6.39	6.61	6.98	8	7.83	7.19	7.09	8.18
pH, Lab	SU	--	6.52	6.78	7.00	7.35	7.59	7.79	7.82	7.41
Specific Conductivity, Field	µS/cm	--	1035	2785	2935	450.2	3998	666	268.2	458.6
Specific Conductivity, Lab	µmhos/cm	--	1170	3.282	3416	517.2	838.3	915.3	692.6	801.4
Sulfate, total	mg/L	--	29.5	50.2	42.4	12.4	13.5	23.1	13.8	13.2
Temperature, field	°C	--	14.0	12.0	11.8	17.0	19.2	21.9	21.9	23.8
Total Dissolved Solids	mg/L	--	649	1880	1870	275	427	482	375	362
Total Suspended Solids	mg/L	--	66.2	16.7	91.4	13.6	2.5	6.0	3.0	2.3 U
Turbidity	NTU	--	65	11.8	227	4.3	2.66	4.37	2.65	2.01
Turbidity, Field	NTU	--	78.32	7.22	41.9	5.3	4.2	163.35	15.7	6.5
Inorganics										
Antimony, total	mg/L	0.006	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Arsenic, total	mg/L	0.01	0.001 U	0.001 U	0.0033	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Barium, total	mg/L	2	0.109	0.306	0.634	0.0689	0.049	0.0798	0.0535	0.0539
Beryllium, total	mg/L	0.004	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium, total	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Calcium, total	mg/L	--	64.1	91.9	126	30.2	36.8	49.5	31.9	37.6
Chromium, total	mg/L	0.1	0.0025 J	0.00219 J	0.00261 J	0.001 U	0.001 U	0.00544 J	0.00298 J	0.001 U
Cobalt, total	mg/L	--	0.0274	0.0602	0.00694 J	0.00146 J	0.001 U	0.00175 J	0.001 U	0.001 U
Copper, total	mg/L	--	0.00288 J	0.0281	0.00397 J	0.00182 J	0.00104 J	0.00191 J	0.00106 J	0.001 U
Iron, total	mg/L	--	2.8	0.253	23.3	0.428	0.394	0.4	0.346	0.454
Lead, total	mg/L	0.015	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Magnesium, total	mg/L	--	48.8	81.2	149	16.4	20.2	20.8	16.0	20.1
Manganese, total	mg/L	--	22.2	11.8	1.67	0.176	0.166	0.348	0.108	0.157
Mercury, total	mg/L	0.002	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel, total	mg/L	--	0.014	0.0721	0.0118	0.0107 J	0.00544 J	0.00666 J	0.0044 J	0.00846 J
Potassium, total	mg/L	--	16.1	51.3	111	1.96 B	2.8 B	5.73	3.65	2.37
Selenium, total	mg/L	0.05	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silver, total	mg/L	--	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Sodium, total	mg/L	--	78.4	481	334	38.5	88	87.7	72.5	79.2
Thallium, total	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium, total	mg/L	--	0.001 U	0.001 U	0.00195 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Zinc, total	mg/L	--	0.00756 J	0.00837 J	0.0643	0.0184	0.00649 J	0.00943 J	0.004 U	0.004 U
VOCs										
1,1,1,2-Tetrachloroethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	µg/L	200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

**Table 2
Spring 2022 Results**

Parameters	Units	Location:	OB025	OB102	OB105	ST015	ST065	ST70	ST80	ST120
		Sample Date:	3/30/2022	3/29/2022	4/4/2022	3/28/2022	3/29/2022	3/29/2022	3/31/2022	4/4/2022
		MCL	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results	Sampling Results
1,1-Dichloroethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	µg/L	7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	µg/L	0.2	0.048 U	0.048 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.048 U
1,2-Dibromoethane	µg/L	0.05	0.021	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
1,2-Dichlorobenzene	µg/L	600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	75	1 U	1.5	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acrylonitrile	µg/L	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	µg/L	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	µg/L	100	1 U	2.7	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	µg/L	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	µg/L	70	2.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	µg/L	80	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	µg/L	700	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m&p-Xylene	µg/L	10000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Iodide	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tertiary Butyl Ether	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Bromide	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
o-Xylene	µg/L	10000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/L	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	µg/L	1000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	µg/L	5	1 U	1 U	1 U	1.7	1 U	1 U	1 U	1 U
Trichlorofluoromethane	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Acetate	µg/L	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	µg/L	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
Relative Percent Difference for Volatile Organic Compounds - Duplicate Analysis

Parameter	OB30 ¹	MW-13B	RPD	OB40 ¹	MW-24B	RPD	OB50 ¹	OB11	RPD
1,1-Dichloroethane (µg/L)	6.9	7.2	4.2%	2.1	2.1	0.0%	8.9	8.9	0.0%
1,2-Dichlorobenzene (µg/L)	1 U	1 U	NA	1 U	1 U	NA	3.1	3.1	0.0%
1,2-Dichloroethane (µg/L)	1.1	1.1	0.0%	1 U	1 U	NA	1.6	1.6	0.0%
1,2-Dichloropropane (µg/L)	4.0	3.8	5.3%	1 U	1 U	NA	3.5	3.5	0.0%
1,4-Dichlorobenzene (µg/L)	5.7	5.7	0.0%	16.7	17.2	2.9%	22.5	21.5	4.7%
Benzene (µg/L)	1.3	1.3	0.0%	5.8	5.9	1.7%	2.1	2.1	0.0%
Chlorobenzene (µg/L)	1.2	1.1	9.1%	5.4	5.3	1.9%	31.7	31.4	1.0%
Chloroethane	1 U	1 U	NA	1.3	1 U	NA	1 U	1 U	NA
cis-1,2-Dichloroethene (µg/L)	45.2	45.5	0.7%	1.1	1.2	8.3%	62.4	63.3	1.4%
Methyl tert-butyl ether (MTBE)	1 U	1 U	NA	1 U	1 U	NA	1.6 J	1.7 J	NA
Methylene chloride (µg/L)	2.4	2.4	0.0%	1 U	1 U	NA	2.8	2.8	0.0%
Tetrachloroethene (µg/L)	8.5	9.0	5.6%	1 U	1 U	NA	8.1	7.3	11.0%
trans-1,2-Dichloroethene (µg/L)	1.7	1.7	0.0%	2.5	2.5	0.0%	2.4	2.3	4.3%
Trichloroethene (µg/L)	9.1	9.2	1.1%	1 U	1 U	NA	6.8	6.8	0.0%
Vinyl chloride (µg/L)	3.9	3.9	0.0%	1.1	1.1	0.0%	12.1	12.5	3.2%

(1) Duplicate sample

(2) RPDs>20% are shaded

Table 4
Relative Percent Difference for Inorganics and General Water Quality Parameters - Duplicate Analysis

Parameter	OB30 ¹	MW-13B	RPD	OB40 ¹	MW-24B	RPD	OB50 ¹	OB11	RPD
Alkalinity (mg/L)	205	208	1.4%	288	291	NA	296	308	3.9%
Ammonia Nitrogen (mg/L)	0.02 J	0.02 J	NA	0.14 J	0.15 J	NA	0.08 J	0.07 J	NA
Chemical Oxygen Demand (mg/L)	3.1 J	7 J	NA	33.2	32.4	2.5%	31.9	30.4	4.9%
Chloride (mg/L)	107	107	0.0%	357	356	0.3%	462	462	0.0%
Hardness as CaCO3 (mg/L)	358	354	1.1%	669	660	1.4%	796	771	3.2%
Nitrate (mg/L)	22.3	22.3	0.0%	0.5 U	0.05 U	NA	0.5 U	0.05 U	NA
pH, Lab (SU)	6.17	6.18	0.2%	6.42	6.41	0.2%	5.85	5.85	0.0%
Specific Conductivity, Lab (uS/cm)	825.6	826.1	0.1%	1554	1559	0.3%	2021	2030	0.4%
Sulfate, total (mg/L)	21.2	21	1.0%	0.3 U	0.3 U	NA	10.4	10.3	1.0%
Total Dissolved Solids (mg/L)	479	475	0.8%	879	888	1.0%	1140	1100	3.6%
Total Suspended Solids (mg/L)	5.7	3.6	58.3%	73.2	86.9	15.8%	16.4	17.7	7.3%
Arsenic, total (mg/L)	0.001 U	0.001 U	NA	0.0361	0.0357	1.1%	0.001 U	0.001 U	NA
Barium, total (mg/L)	0.0732	0.0715	2.4%	0.219	0.219	0.0%	0.0262	0.0251	4.4%
Cadmium, total (mg/L)	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.0127	0.0123	3.3%
Calcium, total (mg/L)	90.6	90.2	0.4%	117	115	1.7%	159	155	2.6%
Chromium, total (mg/L)	0.0012 J	0.00121 J	NA	0.002 J	0.00193 J	NA	0.00404 J	0.00413 J	NA
Cobalt, total (mg/L)	0.001 U	0.001 U	NA	0.0593	0.059	0.5%	0.00219 J	0.00208 J	NA
Copper, total (mg/L)	0.00206 J	0.00209 J	NA	0.00131 J	0.00129 J	NA	0.0046 J	0.00449 J	NA
Iron, total (mg/L)	0.078 J	0.0787 J	NA	49.9	49.6	0.6%	0.378	0.376	0.5%
Lead, total (mg/L)	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA
Magnesium, total (mg/L)	32.1	31.3	2.6%	91.5	90.3	1.3%	96.5	93.2	3.5%
Manganese, total (mg/L)	0.0444	0.044	0.9%	4.42	4.41	0.2%	1.99	1.93	3.1%
Mercury, total (mg/L)	0.000234	0.000217	7.8%	0.0001 U	0.0001 U	NA	0.00459	0.00456	0.7%
Nickel, total (mg/L)	0.00341 J	0.0036 J	NA	0.0194	0.0188	3.2%	0.0347	0.0333	4.2%
Potassium, total (mg/L)	3.61	3.59	0.6%	4.23	4.21	0.5%	5.12	4.98	2.8%
Sodium, total (mg/L)	20.6	20.1	2.5%	36.0	35.7	0.8%	122	117	4.3%
Vanadium, total (mg/L)	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U	NA
Zinc, total (mg/L)	0.00824 J	0.00812 J	NA	0.004 U	0.004 U	NA	0.0393	0.038	3.4%

(1) Duplicate sample

(2) RPDs>20% are shaded

Table 5
MCL Exceedances - Volatile Organic Compounds

Monitoring Well	Parameter	Units	MCL	Result
Northwest				
MW-11B	Tetrachloroethene	µg/L	5	10.8
	Trichloroethene	µg/L	5	5.3
MW-13A	Tetrachloroethene	µg/L	5	6.3
	Trichloroethene	µg/L	5	8.6
	Vinyl Chloride	µg/L	2	2.4
MW-13B	Tetrachloroethene	µg/L	5	9.0
	Trichloroethene	µg/L	5	9.2
	Vinyl Chloride	µg/L	2	3.9
OB03	Vinyl Chloride	µg/L	2	7.7
OB04	Vinyl Chloride	µg/L	2	2.7
Southwest				
MW-21B	Tetrachloroethene	µg/L	5	6.2
	Trichloroethene	µg/L	5	21.2
	Vinyl Chloride	µg/L	2	3.2
OB12	1,2-Dichloropropane	µg/L	5	9.9
	Tetrachloroethene	µg/L	5	14.8
	Trichloroethene	µg/L	5	14.6
	Vinyl Chloride	µg/L	2	9.1
South				
OB11	Tetrachloroethene	µg/L	5	7.3
	Trichloroethene	µg/L	5	6.8
	Vinyl Chloride	µg/L	2	12.5
OB11A	Trichloroethene	µg/L	5	7.4
	Vinyl Chloride	µg/L	2	16.6
Southeast				
MW-24A	Vinyl Chloride	µg/L	2	4.0
MW-24B	Benzene	µg/L	5	5.9
OB10	Vinyl Chloride	µg/L	2	24.8

Table 6
MCL Exceedances - Inorganics

Monitoring Well	Parameter	Units	MCL	Result
South				
OB11	Cadmium, total	mg/L	0.005	0.0123
	Mercury, total	mg/L	0.002	0.00456
Southeast				
MW-24B	Arsenic, total	mg/L	0.01	0.0357
Northeast				
OB07	Mercury, total	mg/L	0.002	0.00397

Table 7
Historical Methane Concentrations (% by volume)

Well	9/20/2005	4/4/2006	9/26/2006	4/17/2007	10/2/2007	3/27/2008	9/23/2008	3/5/2009	9/21/2009	3/24/2010	9/14/2010	4/19/2011	9/6/2011	3/7/2012	9/10/2012	3/18/2013	9/11/2013	3/6/2014	9/2/2014	3/19/2015	8/31/2015
MW-1B	--	--	--	--	--	--	--	--	--	--	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0
MW-2A	--	--	--	--	--	--	--	--	--	--	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
MW-2B	--	--	--	--	--	--	--	--	--	--	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
MW-3A	--	--	--	--	--	--	--	--	--	--	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0
MW-3B	--	--	--	--	--	--	--	--	--	--	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0
MW-04	--	--	--	--	--	--	--	--	--	--	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
MW-06	--	--	--	--	--	--	--	--	--	--	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-07	--	--	--	--	--	--	--	--	--	--	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
MW-08	--	--	--	--	--	--	--	--	--	--	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
MW-09	--	--	--	--	--	--	--	--	--	--	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
MW-10	--	--	--	--	--	--	--	--	--	--	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
MW-11A	--	--	--	--	--	--	--	--	--	--	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0
MW-11B	--	--	--	--	--	--	--	--	--	--	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0
MW-12	--	--	--	--	--	--	--	--	--	--	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0
MW-13A	--	--	--	--	--	--	--	--	--	--	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
MW-13B	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
MW-14A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OB01	0.0	16.8	0.0	0.0	0.0	0.0	*	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	1.9	1.3	3.7
OB02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
OB02A	2.9	0.0	4.5	24.2	0.0	0.0	1.6	1.3	2.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
OB03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
OB03A	48.3	47.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
OB04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
OB04A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
OB0105	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
OB08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0
OB08A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0
OB0102	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
OB06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
OB07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
OB07A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
OB011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0
OB011A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0
OB025	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
OB015	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0
OB012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0

* Unable to sample - well within construction site

Table 7
Historical Methane Concentrations (% by volume)

Well	3/18/2016	9/2/2016	3/6/2017	9/19/2017	4/5/2018	9/7/2018	4/8/2019	7/29/2019	3/2/2020	7/27/2020	3/23/2021	8/30/2021	3/28/2022
MW-1B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-2A	0.0	0.0	0.0	0.0	0.0	0.1	13.3	0.0	0.0	0.0	0.0	0.0	0.0
MW-2B	0.0	0.0	0.0	0.0	0.0	0.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0
MW-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-3B	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-06	0.1	0.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-07	0.0	0.0	0.0	0.0	0.0	57.8	0.02	0.0	0.0	0.0	0.0	0.0	0.0
MW-08	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-11A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-11B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-13A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-13B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-13B	--	--	--	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-13B	--	--	--	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-13B	--	--	--	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-16A	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-16B	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-19A	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-19B	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-21A	--	--	--	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-21B	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-22A	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-22B	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-23A	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-23B	--	--	--	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-24A	--	--	--	13.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-24B	--	--	--	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB01	7.2	2.7	0.2	8.1	9.3	20.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB02A	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB03A	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
OB04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB04A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB0105	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB08A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB0102	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB07	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB07A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB011	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB011A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OB10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

* Unable to sample - well within construction site

Appendix A

Field Forms

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WELL PURGING AND SAMPLING RECORD

WELL ID MW-1B SAMPLE ID. MW-1B
 WELL/SITE DESCRIPTION Gude Landfill
 SAMPLING PERSONNEL A. William D. Kozlowski

DATE 3 / 28 / 21 TIME 12:25 WEATHER 40° F Sunny

WELL DEPTH 97.14 ft bgs CASING HEIGHT 3 ft
 WATER DEPTH 48.75 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 78-98 ft bgs PUMP DEPTH 45 ft
 PUMP START TIME 12:35 min PUMP END TIME 1:30 min
 PUMP RATE 0.2 LPM
 SAMPLING METHOD Low-flow SAMPLING TIME 1300

HISTORICAL DATA: WELL DEPTH 98 ft bgs, WATER DEPTH 41 ft PUMP DEPTH 88 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm°	°C	mV	NTU	mg/L	from TOC	LPM
3/28/21	12:35		6.70	85.9	13.0	88.6	132	8.94	48.97	0.2
	12:40		6.25	83.1	13.5	121.7	305	8.73	48.96	0.2
	12:45		6.19	86.1	15.0	112.3	317	8.48	48.96	0.2
	12:50		6.15	86.7	15.7	115.4	120	8.41	48.96	0.2
	12:55		6.13	86.1	15.6	119.0	108	8.35	48.96	0.2
	1:30		6.12	86.5	15.5	122.3	105	8.32	48.96	0.2

METHANE READING (GEM) 0.00 %

COMMENTS —

SIGNATURE 



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID MW-2A SAMPLE ID. MW-2A

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL A. Williams, D. Kozlowski

DATE 3/29/22 TIME 1255 WEATHER 38°F, Sun

WELL DEPTH <u>76.35</u> ft bgs	CASING HEIGHT <u>2</u> ft
WATER DEPTH <u>66.35</u> ft	WELL DIAMETER <u>2</u> in
SCREEN INTERVAL <u>55-75</u> ft bgs	PUMP DEPTH <u>65</u> ft
PUMP START TIME <u>1308</u> min	PUMP END TIME <u>1333</u> min
PUMP RATE <u>0.2</u> LPM	
SAMPLING METHOD <u>Low-flow</u>	SAMPLING TIME <u>1333</u>

HISTORICAL DATA: WELL DEPTH 76 ft bgs, WATER DEPTH 53.65 ft PUMP DEPTH 65 ft bgs, PURGE DURATION 1.75 hrs

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm ^o	°C	mV	NTU	mg/L	from TOC	LPM
<u>3/29/22</u>	<u>1308</u>		<u>5.40</u>	<u>65.8</u>	<u>10.7</u>	<u>145.1</u> 60.82	<u>60.42</u>	<u>3.64</u>	<u>67.22</u>	<u>0.2</u>
	<u>1313</u>		<u>5.34</u>	<u>64.5</u>	<u>12.1</u>	<u>165.2</u>	<u>36.90</u>	<u>3.38</u>	<u>66.83</u>	<u>0.2</u>
	<u>1318</u>		<u>5.31</u>	<u>67.2</u>	<u>14.6</u>	<u>175.7</u>	<u>34.02</u>	<u>3.44</u>	<u>66.61</u>	<u>0.2</u>
	<u>1323</u>		<u>5.30</u>	<u>64.9</u>	<u>14.1</u>	<u>177.8</u>	<u>16.76</u>	<u>3.42</u>	<u>66.60</u>	<u>0.2</u>
	<u>1328</u>		<u>5.30</u>	<u>68.0</u>	<u>14.3</u>	<u>179.5</u>	<u>17.28</u>	<u>3.40</u>	<u>66.63</u>	<u>0.2</u>
	<u>1333</u>		<u>5.30</u>	<u>72.0</u>	<u>14.4</u>	<u>178.7</u>	<u>18.90</u>	<u>3.38</u>	<u>66.64</u>	<u>0.2</u>

METHANE READING (GEM) 0.00%

COMMENTS _____

SIGNATURE *AW*

WELL PURGING AND SAMPLING RECORD

WELL ID MW-2B SAMPLE ID. MW-2B

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL A. Williams

DATE 3 / 29 / 22 TIME 12 25 WEATHER 35° F Sunny

WELL DEPTH 109.81 ft bgs CASING HEIGHT 2 ft
 WATER DEPTH 65.21 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 88-108 ft bgs PUMP DEPTH 98 ft
 PUMP START TIME 1233 min PUMP END TIME 1253 min
 PUMP RATE 0.2 LPM
 SAMPLING METHOD Low-flow SAMPLING TIME 1253

HISTORICAL DATA: WELL DEPTH 110 ft bgs, WATER DEPTH 53.1 ft, PUMP DEPTH 98 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm°	°C	mV	NTU	mg/L	from TOC	LPM
	1233		5.53	91.8	11.8	206.4	19.3	3.45	66.69	0.2
	1238		5.30	69.5	13.9	221.91	10.5	3.10	66.38	0.2
	1243		5.29	64.2	15.1	227.6	6.28	2.99	66.33	0.2
	1248		5.27	63.5	15.4	232.5	5.23	3.00	66.31	0.2
	1253		5.26	63.0	15.8	233.1	4.68	3.01	66.30	0.2

METHANE READING (GEM) 0.00%

COMMENTS ✓

SIGNATURE *AW*



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WELL PURGING AND SAMPLING RECORD

WELL ID MW-3A SAMPLE ID. MW-3A

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL A. Williams D. Kozlowski

DATE 3/30/22 TIME 0933 WEATHER 42°F Cloudy

WELL DEPTH 26.32 ~~26.10~~ ft bgs CASING HEIGHT 2 ft
 WATER DEPTH 8.91 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 5-25 ft bgs PUMP DEPTH 26 ft
 PUMP START TIME 0943 min PUMP END TIME 1028 min
 PUMP RATE 0.2 LPM SAMPLING TIME 1028
 SAMPLING METHOD Low-flow

HISTORICAL DATA: WELL DEPTH 25 ft bgs, WATER DEPTH 9 ft, PUMP DEPTH 15 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water from TOC	Pump Rate
		Unit: Gal	--	µS/cm [°]	°C	mV	NTU	mg/L		LPM
↓	0943		5.84	37.5	11.7	109.2	1530	8.86	9.36	0.2
	0948		5.77	37.6	12.2	147.8	967	8.80	9.37	0.2
	0953		5.75	37.9	12.5	152.2	835	8.77	9.45	0.2
	0958		5.74	39.0	13.8	156.7	634	8.77	9.51	0.2
	1003		5.73	39.2	14.2	162.6	540	8.79	9.55	0.2
	1008		5.73	39.0	14.1	166.9	285	8.81	9.63	0.2
	1013		5.72	38.9	13.9	168.3	135	8.81	9.71	0.2
	1018		5.72	39.1	14.1	170.1	97.2	8.81	9.77	0.2
	1023		5.72	39.0	14.0	171.4	90.3	8.80	9.81	0.2
	1028		5.72	38.9	13.9	173.3	88.7	8.81	9.88	0.2

METHANE READING (GEM) 0.0%

COMMENTS —

SIGNATURE



WELL PURGING AND SAMPLING RECORD

WELL ID MW-4 SAMPLE ID. MW-4

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL D. Kozlowski, R. Williams

DATE 3/29/22 TIME 1445 WEATHER 40°F, Sun

WELL DEPTH <u> 26.77 </u> ft bgs	CASING HEIGHT <u> 2 </u> ft
WATER DEPTH <u> 6.74 </u> ft	WELL DIAMETER <u> 2 </u> in
SCREEN INTERVAL <u> 5-25 </u> ft bgs	PUMP DEPTH <u> 18 </u> ft
PUMP START TIME <u> 1449 </u> min	PUMP END TIME <u> 1509 </u> min
PUMP RATE <u> 0.2 </u> LPM	
SAMPLING METHOD <u> Low-flow </u>	SAMPLING TIME <u> 1509 </u>

HISTORICAL DATA: WELL DEPTH 25 ft bgs, WATER DEPTH 7.3 ft, PUMP DEPTH 15 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm°	°C	mV	NTU	mg/L	from TOC	LPM
3/29/22	1449		5.69	579	12.0	105.4	1700	1.40	6.99	0.2
	1454		5.68	593	13.0	107.9	1092	1.19	7.03	0.2
	1459		5.67	603	13.8	110.6	1077	1.08	7.06	0.2
	1504		5.68	590	13.9	117.4	1082	1.06	7.07	0.2
	1509		5.68	603	13.9	118.8	1076	1.02	7.07	0.2
	1514									0.2

METHANE READING (GEM) 0.00%

COMMENTS —

SIGNATURE *RW*



EA Engineering, Science,
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WELL PURGING AND SAMPLING RECORD

WELL ID MW-6 SAMPLE ID. MW-6

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL A. Willias D. Nozinski

DATE 3 / 29 / 23 TIME 0910 WEATHER 64°F cloudy

WELL DEPTH <u>24.91</u> ft bgs	CASING HEIGHT <u>2</u> ft
WATER DEPTH 16.7 <u>16.7</u> ft	WELL DIAMETER <u>2</u> in
SCREEN INTERVAL <u>5-25</u> ft bgs	PUMP DEPTH <u>24</u> ft
PUMP START TIME <u>0910</u> min	PUMP END TIME <u>0948</u> min
PUMP RATE <u>0.2</u> LPM	SAMPLING TIME <u>0948</u>
SAMPLING METHOD <u>Low-flow</u>	

HISTORICAL DATA: WELL DEPTH 25 ft bgs, WATER DEPTH 15.7 ft, PUMP DEPTH 15 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm°	°C	mV	NTU	mg/L	from TOC	LPM
3/31/23	0920		5.84	1826	15.5	932	1970	1.30	15.65	0.2
	0924		5.80	1639	15.5	989	354	1.28	15.89	0.2
	0928		5.50	1864	16.1	980	125	0.99	15.91	0.2
	0932		5.80	1912	17.0	985	85.1	0.96	15.92	0.2
	0936		5.82	1910	17.1	985	51.6	1.02	15.93	0.2
	0940		5.82	1912	17.2	981	36.5	1.01	15.93	0.2
	0944		5.82	1915	17.2	977	25.14	0.99	15.94	0.2
	0948		5.82	1922	17.4	971	24.19	0.98	15.94	0.2

METHANE READING (GEM) 0.00%

COMMENTS

SIGNATURE



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID MW-7 SAMPLE ID. MW-7

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL R. Williams, J. Smith

DATE 4 / 4 / 24 TIME 1520 WEATHER 58°F Sunny

WELL DEPTH 56.75 ft bgs CASING HEIGHT 2 ft
 WATER DEPTH 45.45 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 33-53 ft bgs PUMP DEPTH 52 ft
 PUMP START TIME 1531 min PUMP END TIME 1551 min
 PUMP RATE 0.2 LPM SAMPLING TIME 3:51 PM or 1551
 SAMPLING METHOD Low-flow

HISTORICAL DATA: WELL DEPTH 53 ft bgs, WATER DEPTH 42 ft, PUMP DEPTH 43 ft bgs, PURGE DURATION 40 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm ^c	°C	mV	NTU	mg/L	from TOC	LPM
4/4/22	3:31 PM		6.06	917	15.6	-14.5	101.35	1.36	46.2	0.2
4/4/22	3:35 PM		5.90	866	16.4	0.5	29.42	1.02	46.29	
4/4/22	3:39 PM		5.84	852	16.7	15.2	15.46	.95	46.2	
4/4/22	3:43 PM		5.80	857	17.8	21.7	13.14	0.90	46.32	
4/4/22	3:47 PM		5.77	839	17.9	31.1	8.9	0.89	46.32	
4/4/22	3:51 PM		5.76	843	18.6	33.2	8.08	0.87	46.40	

METHANE READING (GEM) 0.00%

COMMENTS

SIGNATURE 



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID MW-8 SAMPLE ID. MW-8

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL A. Williams, J. Stith

DATE 4 / 5 / 22 TIME 0850 WEATHER 450A cloudy

WELL DEPTH 31.95 ft bgs CASING HEIGHT 2 ft
 WATER DEPTH 23.52 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 10-30 ft bgs PUMP DEPTH 28 ft
 PUMP START TIME 0905 min PUMP END TIME 0935 min
 PUMP RATE 0.2 LPM
 SAMPLING METHOD Low-flow SAMPLING TIME 0935

HISTORICAL DATA: WELL DEPTH 30 ft bgs, WATER DEPTH 22 ft, PUMP DEPTH 28 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm°	°C	mV	NTU	mg/L	from TOC	LPM
4/5/22	0905		7.87	693	13.4	67.1	638	8.72	23.61	
4/5/22	0910		7.73	688	13.0	73.8	110.19	8.66	23.64	
4/5/22	0915		7.72 7.72	677	12.4	75.5	71.70	8.61	23.64	
4/5/22	09:20		7.73	693	13.3	73.2	41.85	8.56	23.61	
4/5/22	09:25		7.74	704	13.9	74.2	26.19	8.57	23.61	
4/5/22	09:30		7.72	701	13.8	75.5	23.90	8.55	23.61	
4/5/22	09:35		7.71	706	14.1	75.8	24.50	8.51	23.61	

METHANE READING (GEM) 0.006

COMMENTS _____

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EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID MW-9 SAMPLE ID. MW-9

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL M. Williams, J. Shetty

DATE 4 / 6 / 22 TIME 10:30 WEATHER 19mm, 50°F

WELL DEPTH 24.55 ft bgs CASING HEIGHT 2 ft
 WATER DEPTH 18.41 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 5-25 ft bgs PUMP DEPTH 23 ft
 PUMP START TIME 11:00 min PUMP END TIME 11:16 min
 PUMP RATE 0.2 LPM SAMPLING TIME 11:16
 SAMPLING METHOD Low-flow

HISTORICAL DATA: WELL DEPTH 25 ft bgs, WATER DEPTH 18.2 ft, PUMP DEPTH 23 ft bgs, PURGE DURATION 40 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water from TOC	Pump Rate
		Unit: Gal	--	µS/cm [°]	°C	mV	NTU	mg/L		LPM
4/6/22	11:00		5.22	125.9	15.3	222.9	401	6.59	18.75	0.2
4/6/22	11:04		5.16	122.3	15.3	233.4	301	6.39	18.94	0.2
4/6/22	11:08		5.14	113.7	16.6	240.1	164	6.27	19.12	0.2
4/6/22	11:12		5.13	115.7	17.9	246.7	144	6.19	19.20	0.2
4/6/22	11:16		5.12	113.0	17.5	249.2	131	6.18	19.20	0.2

METHANE READING (GEM) 0.00%

COMMENTS

SIGNATURE



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID MW-10 SAMPLE ID. MW-10

WELL/SITE DESCRIPTION Guide Landfill

SAMPLING PERSONNEL R. Williams, J. Stith

DATE 4/6/22 TIME 1253 WEATHER 55°F cloudy

WELL DEPTH <u>29.29</u> ft bgs	CASING HEIGHT <u>2</u> ft
WATER DEPTH <u>6.04</u> ft	WELL DIAMETER <u>2</u> in
SCREEN INTERVAL <u>5-25</u> ft bgs	PUMP DEPTH <u>20</u> ft
PUMP START TIME <u>1308</u> min	PUMP END TIME <u>1336</u> min
PUMP RATE <u>0.2</u> LPM	SAMPLING TIME <u>1336</u>
SAMPLING METHOD <u>Low-flow</u>	

HISTORICAL DATA: WELL DEPTH 25 ft bgs, WATER DEPTH 6.5 ft, PUMP DEPTH 15 ft bgs, PURGE DURATION 60 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm [°]	°C	mV	NTU	mg/L	from TOC	LPM
↓	1308		5.96	75.2	12.0	188.3	1018	8.61	6.79	0.2
	1313		5.91	75.2	11.9	180.1	450	8.60	6.83	0.2
	1316		5.90	74.9	11.8	161.5	745	8.53	6.85	0.2
	1320		5.89	75.1	12.2	153.4	559	8.47	6.85	0.2
	1324		5.89	76.1	12.8	161.0	358	8.49	6.85	0.2
	1328		5.89	76.2	12.9	168.5	300	8.49	6.85	0.2
	1332		5.89	76.7	13.0	170.1	331	8.49	6.85	0.2
	1336		5.88	76.9	13.2	174.5	323	8.49	6.85	0.2

METHANE READING (GEM) 0.009

COMMENTS _____

SIGNATURE



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID MW-11A SAMPLE ID. MW-11A

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL A. Williams, J. Smith

DATE 4 / 6 / 22 TIME 1430 WEATHER 60° F Sunny

WELL DEPTH <u>29.17</u> ft bgs	CASING HEIGHT <u>2</u> ft
WATER DEPTH <u>14.25</u> ft	WELL DIAMETER <u>2</u> in
SCREEN INTERVAL <u>10-30</u> ft bgs	PUMP DEPTH <u>22</u> ft
PUMP START TIME <u>1450</u> min	PUMP END TIME <u>1510</u> min
PUMP RATE <u>0.2</u> LPM	
SAMPLING METHOD <u>Low-flow</u>	SAMPLING TIME <u>1510</u>

HISTORICAL DATA: WELL DEPTH 30 ft bgs, WATER DEPTH 16 ft, PUMP DEPTH 23 ft bgs, PURGE DURATION 70 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm ^c	°C	mV	NTU	mg/L	from TOC	LPM
4/6/22	1450		5.55	143.8	13.4	170.0	587	4.95	14.82	0.2
	1454		5.42	143.8	14.4	200.6	340	4.65	15.00	0.2
	1458		5.42	145.1	15.5	197.8	204	4.63	15.03	0.2
	1502		5.42	145.1	16.0	196.6	169	4.65	15.04	0.2
	1506		5.42	142.5	16.3	197.4	121	4.72	15.05	0.2
	1510		5.43	141.2	16.2	197.0	118	4.74	15.05	0.2

METHANE READING (GEM) 0.00%

COMMENTS _____

SIGNATURE



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID MW-11B SAMPLE ID. MW-11B

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL A. Williams, J. Smith

DATE 4/6/21 TIME 1350 WEATHER 60°f rainy

WELL DEPTH 89.50 ft bgs CASING HEIGHT 2 ft
 WATER DEPTH 15.99 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 73-93 ft bgs PUMP DEPTH 83 ft
 PUMP START TIME 0:1408 min PUMP END TIME 1936 min
 PUMP RATE 0.2 LPM SAMPLING TIME 1436
 SAMPLING METHOD Low-flow

HISTORICAL DATA: WELL DEPTH 93 ft bgs, WATER DEPTH 17 ft, PUMP DEPTH 83 ft bgs, PURGE DURATION 25 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm ^c	°C	mV	NTU	mg/L	from TOC	LPM
↓	14:08		6.19	209.9	13.2	175.8	670	4.40	16.09	
	14:12		6.14	211.5	13.4	172.5	313	4.16	16.14	
	14:16		6.14	213.5	13.7	176.0	315	4.06	16.14	
	14:20		6.14	214.0	13.8	177.5	142	4.05	16.14	
	14:24		6.14	214.3	13.9	178.2	99	4.03	16.14	
	14:28		6.14	214.5	13.9	178.2	94	4.02	16.14	
	14:32		6.14	215.6	14.0	178.2	48	4.06	16.12	
	1436		6.14	215.2	14.1	178.1	52	4.00		

METHANE READING (GEM) _____

COMMENTS _____

SIGNATURE _____



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID MW-12 SAMPLE ID. MW-12

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL N. Williams J. Smith

DATE 4/6/22 TIME 1130 WEATHER 55°F 19 mi/h

WELL DEPTH 24.21 ft bgs CASING HEIGHT 2 ft
 WATER DEPTH 14.42 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 5-25 ft bgs PUMP DEPTH 21 ft
 PUMP START TIME 1147 min PUMP END TIME 1227 min
 PUMP RATE 0.2 LPM SAMPLING TIME 1227
 SAMPLING METHOD Low-flow

HISTORICAL DATA: WELL DEPTH 25 ft bgs, WATER DEPTH 14.1 ft, PUMP DEPTH 20 ft bgs, PURGE DURATION 60 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm ²	°C	mV	NTU	mg/L	from TOC	LPM
4/6/22	1147		5.33	309.8	14.6	222.7	2065	6.58	14.55	0.2
	1151		5.24	306.4	14.7	226.8	795	6.08	14.56	0.2
	1155		5.14	321.0	16.1	227.1	570	6.13	14.57	0.2
	1159		5.24	330.6	16.6	233.1	420	6.14	14.61	0.2
	1203		5.23	336.9	17.0	235.9	275	6.16	14.61	0.2
	1207		5.23	338.5	17.0	239.0	189	6.11	14.61	0.2
	1211		5.22	339.3	17.0	239.4	120	6.06	14.61	0.2
	1215		5.22	337.1	17.0	242.2	98	5.99	14.61	0.2
	1219		5.11	334.4	17.1	244.6	65	5.95	14.61	0.2
	1223		5.21	333.6	17.1	245.8	43	5.91	14.62	0.2
	1227		5.21	333.5	17.3	246.8	45	5.88	14.61	0.2

METHANE READING (GEM) 0.00 0/10

COMMENTS

SIGNATURE 



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID MW-13A SAMPLE ID. MW-13A

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL R. Williams J. Stith

DATE 8/4/22 TIME 0850 WEATHER 43°F Sunny

WELL DEPTH <u>29.19</u> ft bgs	CASING HEIGHT <u>2</u> ft
WATER DEPTH <u>6.16</u> ft	WELL DIAMETER <u>2</u> in
SCREEN INTERVAL <u>5-25</u> ft bgs	PUMP DEPTH <u>20</u> ft
PUMP START TIME <u>0857</u> min	PUMP END TIME <u>0937</u> min
PUMP RATE <u>0.2</u> LPM	
SAMPLING METHOD <u>Low-flow</u>	SAMPLING TIME <u>09:37</u>

HISTORICAL DATA: WELL DEPTH 25 ft bgs, WATER DEPTH 7.5 ft, PUMP DEPTH 15 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water from TOC	Pump Rate
		Unit: Gal	--	µS/cm ^o	°C	mV	NTU	mg/L		LPM
4/12/22	0857		5.08	363.5	9.9	205.2	585	1.58	6.62	0.2
	0902		5.04	365.7	10.9	204.7	630	1.17	6.75	0.2
	0907		5.04	367.0	11.1	209.1	270	1.13	6.8	0.2
	0912		5.04	370.1	11.5	212.5	132	1.05	6.83	0.2
	0917		5.06	366.1	11.1	201.9	308	1.00	6.83	0.2
	0922		5.04	362.6	10.7	210.5	117	1.13	6.83	0.2
	0927		5.04	368.7	11.3	215.6	84	1.05	6.83	0.2
	0932		5.03	374.5	11.5	221.1	51	1.01	6.83	0.2
	0937		5.03	376.3	11.8	221.8	52.5	0.99	6.84	0.2

METHANE READING (GEM) 0.00%

COMMENTS —

SIGNATURE Rein



WELL PURGING AND SAMPLING RECORD

WELL ID MW-14A SAMPLE ID. MW-14A

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL

DATE 4 / 6 / 22 TIME 1600 WEATHER 55°- Cloudy

WELL DEPTH 89.15 ft bgs CASING HEIGHT 2 ft
 WATER DEPTH 17.86 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 30-40 ft bgs PUMP DEPTH 35 ft
 PUMP START TIME 1616 min PUMP END TIME 1636 min
 PUMP RATE 0.2 LPM SAMPLING TIME 1636
 SAMPLING METHOD Low-flow

HISTORICAL DATA: WELL DEPTH 40 ft bgs, WATER DEPTH 17.4 ft, PUMP DEPTH 35 ft bgs, PURGE DURATION 1.5 hrs

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water from TOC	Pump Rate
		Unit: Gal	--	µS/cm ^c	°C	mV	NTU	mg/L		LPM
4/6/22	16:16		5.41	354.7	15.4	210.6	1900	6.95	18.66	0.2
	16:20		5.35	353.3	15.9	219.5	1234	5.95	18.41	0.2
	16:24		5.36	355.1	17.3	224.3	1195	6.52	18.43	0.2
	16:28		5.35 5.35	357.1	17.0	225.8	626	5.97	17.91	0.2
	16:32		5.35	358.5	17.2	224.6	436	5.87	17.85	0.2
	16:36		5.34	358.6	17.3	223.8	415	5.83	17.81	0.2

METHANE READING (GEM) 0.00%

COMMENTS

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WELL PURGING AND SAMPLING RECORD

WELL ID MW-14B SAMPLE ID. MW-14B

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL A. Williams, J. Smith

DATE 4/6/21 TIME 1530 WEATHER 55°F cloudy

WELL DEPTH 98.21 ft bgs CASING HEIGHT 2 ft
 WATER DEPTH 19.59 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 88-98 ft bgs PUMP DEPTH 93 ft
 PUMP START TIME 1537 min PUMP END TIME 1605 min
 PUMP RATE 0.2 LPM SAMPLING METHOD Low-flow SAMPLING TIME 1605

HISTORICAL DATA: WELL DEPTH 98 ft bgs, WATER DEPTH 92 ft, PUMP DEPTH 92 ft bgs, PURGE DURATION 25 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm ²	°C	mV	NTU	mg/L	from TOC	LPM
	15:37		9.37	158.7	15.4	83.9	23.52	8.00	19.82	0.2
	15:41		6.26	185.3	15.1	176.4	153	6.12	19.82	↓
	15:45		5.99	186.2	15.2	179.0	202	5.94	19.79	
	15:49		6.84	183.2	15.2	184.4	62	5.78	19.79	
	15:53		5.74	180.9	15.2	192.8	44	5.66	19.85	
	15:57		5.77	179.8	15.3	188.9	68	6.67	19.79	
	16:01		5.73	179.7	15.0	193.1	73	5.85	19.79	
	16:05		5.71	180.4	15.2	190.7	70	5.66	19.79	

METHANE READING (GEM) 0.00 %

COMMENTS —

SIGNATURE 



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID MW-15 SAMPLE ID. MW-15

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL A. Williams, J. Stith

DATE 4 / 6 / 22 TIME 0929 WEATHER 45°F (amy)

WELL DEPTH 39.21 ft bgs CASING HEIGHT 2 ft
 WATER DEPTH 13.05 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 30-40 ft bgs PUMP DEPTH 35 ft
 PUMP START TIME 0945 min PUMP END TIME 1017 min
 PUMP RATE 0.1 LPM
 SAMPLING METHOD Low-flow SAMPLING TIME 1017

HISTORICAL DATA: WELL DEPTH 40 ft bgs, WATER DEPTH 12.6 ft, PUMP DEPTH 35 ft bgs, PURGE DURATION 1.75 hrs

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water from TOC	Pump Rate
		Unit: Gal	--	µS/cm ^o	°C	mV	NTU	mg/L		LPM
4/6/22	9:45		5.57	197.7	15.0	149.4	3714	4.68	13.38	
4/6/22	9:50		5.51	197.8	15.2	168.3	2931	4.67	13.40	
4/6/22	9:55		5.48	206.7	15.8	187.2	1754	4.63	13.40	
4/6/22	9:59		5.48	198.4	15.5	193.2	1275	4.64	13.40	
4/6/22	10:03		5.47	200.3	15.7	197.0	1052	4.62	13.40	
↓	10:07		5.47	202.5	16.1	199.1	898	4.79	13.31	
	10:11		5.46	202.3	15.9	201.7	747	4.64	13.31	
	10:15		5.46	202.9	16.2	208.6	503	4.62	13.31	
	10:19		5.46	202.6	16.1	210.0	422	4.63	13.29	
	10:23		5.46	202.9	16.0	211.3	316	4.63	13.29	
	10:27		5.45	204.4	16.0	211.7	300	4.63	13.30	

METHANE READING (GEM) _____

COMMENTS _____

SIGNATURE _____



WELL PURGING AND SAMPLING RECORD

WELL ID MW-19B SAMPLE ID. MW-19B

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL R. Williams D. Kozlowski

DATE 3 / 28 / 21 TIME 1330 WEATHER 40° F Sunny

WELL DEPTH 80.16 HIST 78.62) ft bgs CASING HEIGHT ft
 WATER DEPTH 3.90 ft WELL DIAMETER 3 in
 SCREEN INTERVAL 56-76 ft bgs PUMP DEPTH 66 ft
 PUMP START TIME 1330 min PUMP END TIME 1350 min
 PUMP RATE 0.1 LPM SAMPLING TIME 1350
 SAMPLING METHOD Low-flow

HISTORICAL DATA: WELL DEPTH 78.62 ft bgs, WATER DEPTH 4.2 ft, PUMP DEPTH 66 ft bgs, PURGE DURATION 35 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm ^o	°C	mV	NTU	mg/L	from TOC	LPM
3/28/21	1330		7.04	591	11.2	121.5	10.8	8.93	4.00	0.2
	1335		5.83	824	11.9	152.1	62.90	1.14	4.06	0.2
	1340		5.84	837	12.5	153.2	32.73	1.04	4.06	0.2
	1345		5.84	835	12.5	153.5	29.37	1.02	4.08	0.2
	1350		5.84	841	12.7	154.5	30.64	0.98	4.09	0.2
	1355									
	1400									

METHANE READING (GEM) 0.00%

COMMENTS

SIGNATURE 



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID MW-21B SAMPLE ID. MW-21B

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL R. Williams D. Kozlowski

DATE 3 / 31 / 23 TIME 0720 WEATHER 61°F cloudy

WELL DEPTH 86.19 ft bgs CASING HEIGHT ft
 WATER DEPTH 6.06 ft WELL DIAMETER in
 SCREEN INTERVAL 57-87 ft bgs PUMP DEPTH 72 ft
 PUMP START TIME 0734 min PUMP END TIME 0758 min
 PUMP RATE 0.2 LPM SAMPLING TIME 0758
 SAMPLING METHOD Low-flow

HISTORICAL DATA: WELL DEPTH 91 ft bgs, WATER DEPTH 6.3 ft, PUMP DEPTH 72 ft bgs, PURGE DURATION 120 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm ^o	°C	mV	NTU	mg/L	from TOC	LPM
3/31/23	0734		6.05	995	13.6	-25.3	849	1.36	8.72	0.2
	0738		5.98	996	13.7	-21.3	278	1.13	9.14	0.2
	0742		5.97	996	13.8	-18.2	126	1.14	9.42	0.2
	0746		5.97	996	13.9	-15.3	81.2	1.17	9.72	0.2
	0750		5.97	996	13.9	-14.1	42.9	1.22	10.08	0.2
	0754		5.96	999	14.1	-10.8	50.7	1.25	10.32	0.2
↓	0758		5.96	999	14.1	-9.5	52.3	1.25	10.39	0.2

METHANE READING (GEM) 0.0010

COMMENTS

SIGNATURE



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID MW-22B SAMPLE ID. MW-22B

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL R. Williams, D. Kozlowski

DATE 3 / 28 / 22 TIME 1051 WEATHER 35°A Sunny

WELL DEPTH <u>101.10</u> 101.10 ft bgs	CASING HEIGHT _____ ft
WATER DEPTH <u>4.03</u> ft	WELL DIAMETER <u>2</u> in
SCREEN INTERVAL <u>77-97</u> ft bgs	PUMP DEPTH <u>87</u> ft
PUMP START TIME <u>1100</u> min	PUMP END TIME <u>1125</u> min
PUMP RATE <u>0.2</u> LPM	
SAMPLING METHOD <u>Low-flow</u>	SAMPLING TIME <u>1125</u>

HISTORICAL DATA: WELL DEPTH 100 ft bgs, WATER DEPTH 4.3 ft, PUMP DEPTH 87 ft bgs, PURGE DURATION 25 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm°	°C	mV	NTU	mg/L	from TOC	LPM
<u>3/28/22</u>	<u>1100</u>		<u>7.30</u>	<u>718</u>	<u>9.9</u>	<u>1126</u>	<u>19.8</u>	<u>7.16</u>	<u>2.76</u>	<u>0.2</u>
	<u>1105</u>		<u>7.18</u>	<u>707</u>	<u>9.1</u>	<u>1153</u>	<u>11.11</u>	<u>5.63</u>	<u>3.62</u>	<u>0.2</u>
	<u>1110</u>		<u>7.11</u>	<u>715</u>	<u>9.2</u>	<u>68.0</u>	<u>9.53</u>	<u>5.04</u>	<u>4.28</u>	<u>0.2</u>
	<u>1115</u>		<u>6.88</u>	<u>745</u>	<u>10.4</u>	<u>-57.2</u>	<u>17.5</u>	<u>1.81</u>	<u>5.30</u>	<u>0.2</u>
	<u>1120</u>		<u>6.89</u>	<u>738</u>	<u>9.8</u>	<u>-59.9</u>	<u>16.6</u>	<u>1.73</u>	<u>5.92</u>	<u>0.2</u>
	<u>1125</u>		<u>6.89</u>	<u>735</u>	<u>9.5</u>	<u>-60.1</u>	<u>17.1</u>	<u>1.70</u>	<u>5.45</u>	<u>0.2</u>

METHANE READING (GEM) 0.00%

COMMENTS _____

SIGNATURE RW



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID MW-23B SAMPLE ID. MW-23B

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL R. Wilkins A. Kozlowski

DATE 3 / 28 / 22 TIME 0945 WEATHER 30°A Sunny


WELL DEPTH 48.74 ft bgs CASING HEIGHT Flush ft
 WATER DEPTH 23.63 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 26-46 (ft bgs) PUMP DEPTH 40 ft
 PUMP START TIME 0953 min PUMP END TIME 1023 min
 PUMP RATE 0.2 LPM
 SAMPLING METHOD Low-flow SAMPLING TIME 1023

HISTORICAL DATA: WELL DEPTH 89.4 ft bgs, WATER DEPTH 23.6 ft, PUMP DEPTH 40 ft bgs, PURGE DURATION 20 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water from TOC	Pump Rate
		Unit: Gal	--	µS/cm°	°C	mV	NTU	mg/L		LPM
3/28/22	0953		5.26	350.8	12.3	122.4	2274	3.42	25.59	0.2
	0958		5.21	345.7	11.9	135.8	965	3.31	25.41	0.2
	1003		5.23	351.7	13.1	147.9	601	3.41	25.37	0.2
	1008		5.25	349.4	13.4	152.1	440	3.49	25.37	0.2
	1013		5.23	350.7	13.4	152.6	364	3.38	25.37	0.2
	1018		5.22	352.1	13.8	162.6	328	3.30	25.37	0.2
	1023		5.21	354.1	13.9	164.7	321	3.25	25.37	0.2

METHANE READING (GEM) 0.00%

COMMENTS —

SIGNATURE 



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID MW-24A SAMPLE ID. MW-24A

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL R. William D. Kozlowski

DATE 3/31/22 TIME 1050 WEATHER 65°F Cloudy

WELL DEPTH <u>48.0</u> ft bgs	CASING HEIGHT _____ ft
WATER DEPTH <u>29.51</u> ft	WELL DIAMETER <u>2</u> in
SCREEN INTERVAL <u>35-45</u> ft bgs	PUMP DEPTH <u>40</u> ft
PUMP START TIME <u>1058</u> min	PUMP END TIME <u>1118</u> min
PUMP RATE <u>0.2</u> LPM	SAMPLING TIME <u>1118</u>
SAMPLING METHOD <u>Low-flow</u>	

HISTORICAL DATA: WELL DEPTH 48 ft bgs, WATER DEPTH 29 ft, PUMP DEPTH 40 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm ²	°C	mV	NTU	mg/L	from TOC	LPM
	1058		5.83	1423	16.2	-2.4	28.0	1.22	30.70	0.2
	1102		5.82	1435	16.5	-14.9	18.1	1.12	29.98	0.2
	1106	5.91	5.81	1445	16.8	-16.1	15.7	1.08	30.22	0.2
	1110		5.81	1581	21.2	-5.4	31.6	0.99	30.39	0.2
	1114		5.83	1519	19.7	-13.5	38.4	0.81	30.44	0.2
	1118		5.84	1516	19.5	-18.1	35.1	0.79	30.42	0.2

METHANE READING (GEM) 0.00%

COMMENTS _____

SIGNATURE *RM*



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID MW-24B SAMPLE ID. MW-24B, OB40

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL N. Williams D. Kozlowski

DATE 3, 31, 22 TIME 1224 WEATHER 65°F Cloudy

WELL DEPTH 77.94 ft bgs CASING HEIGHT _____ ft
 WATER DEPTH 29.42 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 58-78 ft bgs PUMP START TIME 1134 min
 PUMP DEPTH (HIST) 68 ft PUMP END TIME 1154 min
 PUMP RATE 0.2 LPM
 SAMPLING METHOD Low-flow SAMPLING TIME 1154

HISTORICAL DATA: WELL DEPTH 80 ft bgs, WATER DEPTH 29.1 ft, PUMP DEPTH 68 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm°	°C	mV	NTU	mg/L	from TOC	LPM
3/31/22	1134		6.42	1536	15.5	-78.5	25.7	1.43	30.08	0.2
	1138		6.38	1571	16.1	-480	46.5	0.92	29.76	0.1
	1142		6.38	1588	16.5	-91.2	31.1	0.67	29.81	0.2
	1146		6.38	1595	16.7	-93.2	29.1	0.83	29.81	0.2
	1150		6.37	1595	16.7	-93.5	20.15	0.80	29.81	0.2
	1154		6.36	1596	16.8	-92.7	19.8	0.78	29.81	0.1

DUPLICATE SAMPLE ID: OB40 - 1200
 METHANE READING (GEM) 0.00%
 COMMENTS _____

SIGNATURE



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID OB01 SAMPLE ID. OB01

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL R. Williams, D. Koleski

DATE 3/31/22 TIME 1000 WEATHER 65°F, overcast

WELL DEPTH <u>74.51</u> ft bgs	CASING HEIGHT <u>3</u> ft
WATER DEPTH <u>13.58</u> ft	WELL DIAMETER <u>2</u> in
SCREEN INTERVAL <u>35-75</u> ft bgs	PUMP DEPTH <u>55</u> ft
PUMP START TIME <u>1014</u> min	PUMP END TIME <u>1044</u> min
PUMP RATE <u>0.2</u> LPM	
SAMPLING METHOD <u>Low-flow</u>	SAMPLING TIME <u>1044</u>

HISTORICAL DATA: WELL DEPTH 75 ft bgs, WATER DEPTH 14.3 ft, PUMP DEPTH 55 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water from TOC	Pump Rate
		Unit: Gal-L	--	µS/cm°	°C	mV	NTU	mg/L		LPM
	1012	0.0	5.57	1874	15.6	169.6	17.47	1.01	13.60	0.3
	1016	0.9	5.57	1920	16.6	177.1	7.20	0.91	13.60	0.3
	1020	1.8	5.57	1927	16.6	180.6	5.65	0.90	13.60	0.3
	1024	2.7	5.57	1950	16.8	182.4	5.74	0.88	13.60	0.3
	1028									

METHANE READING (GEM) 0.00%

COMMENTS

SIGNATURE *Ren*



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID OB02 SAMPLE ID. OB02

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL R. Williams, J. Smith

DATE 9 / 5 / 22 TIME 1410 WEATHER 55°F rainy

WELL DEPTH <u>120.91</u> ft bgs	CASING HEIGHT <u>3</u> ft
WATER DEPTH <u>15.96</u> ft	WELL DIAMETER <u>2</u> in
SCREEN INTERVAL <u>71-121</u> ft bgs	PUMP DEPTH <u>96</u> ft
PUMP START TIME <u>1420</u> min	PUMP END TIME <u>1445</u> min
PUMP RATE <u>0.2</u> LPM	SAMPLING TIME 1420 <u>1445</u>
SAMPLING METHOD <u>Low-flow</u>	

HISTORICAL DATA: WELL DEPTH 121 ft bgs, WATER DEPTH 16.0 ft PUMP DEPTH 96 ft bgs, PURGE DURATION 35 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water from TOC	Pump Rate LPM
		Unit: Gal	--	µS/cm°	°C	mV	NTU	mg/L		
	1420		6.26	649	13.6	87.1	17.3	1.74	18.12	0.2
	1425		6.21	649	13.6	86.1	17.0	1.03	18.70	0.2
	1430		6.21	649	13.7	85.7	13.1	1.01	18.75	0.2
	1435		6.23	647	14.7	83.8	14.9	0.99	18.77	0.2
	1440		6.25	635	14.0	81.6	11.7	0.98	18.78	0.2
	1445		6.26	634	13.8	79.7	10.8	0.97	18.78	0.2

METHANE READING (GEM) 0.00%

COMMENTS

SIGNATURE R. Williams



WELL PURGING AND SAMPLING RECORD

WELL ID OB02A SAMPLE ID. OB02A

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL R. Williams, J. Smith

DATE 4/5/22 TIME 1305 WEATHER 55° 19mly

WELL DEPTH <u>75.19</u> ft bgs	CASING HEIGHT <u>3</u> ft
WATER DEPTH <u>18.82</u> ft	WELL DIAMETER <u>2</u> in
SCREEN INTERVAL <u>37-77</u> ft bgs	PUMP DEPTH <u>57</u> ft
PUMP START TIME <u>1318</u> min	PUMP END TIME <u>1343</u> min
PUMP RATE <u>0.2</u> LPM	
SAMPLING METHOD <u>Low-flow</u>	SAMPLING TIME <u>1343</u>

HISTORICAL DATA: WELL DEPTH 77 ft bgs, WATER DEPTH 16.2 ft PUMP DEPTH 57 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm°	°C	mV	NTU	mg/L	from TOC	LPM
	1318		5.56	1356	13.8	171.6	12.25	1.28	16.10	0.2
	1323		5.48	1353	13.7	179.9	9.60	1.15	16.04	0.2
	1328		5.48	1367	14.1	183.9	6.91	1.07	15.98	0.2
	1333		5.48	1377	14.6	184.7	7.79	1.03	15.96	0.2
	1338		5.49	1388	15.0	184.8	7.45	1.03	15.95	0.2
	1343		5.49	1389	15.2	184.9	8.10	1.05	15.95	0.2

METHANE READING (GEM) 0.0%

COMMENTS —

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and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID OB03 SAMPLE ID. OB03

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL A. william, J. Smith

DATE 4/5/22 TIME 1130 WEATHER scmy 53°C

WELL DEPTH ~~152.91~~ 152.91 ft bgs CASING HEIGHT 3 ft
 WATER DEPTH 23.8 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 104-154 ft bgs PUMP DEPTH 129 ft
 PUMP START TIME 1150 min PUMP END TIME 1245 min
 PUMP RATE 0.2 LPM
 SAMPLING METHOD Low-flow SAMPLING TIME 1245

HISTORICAL DATA: WELL DEPTH 154 ft bgs, WATER DEPTH 22.0 ft, PUMP DEPTH 129 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm ^c	°C	mV	NTU	mg/L	from TOC	LPM
4/5/22	11:50		5.80	1178	14.6	44.4	40.61	1.29	24.25	0.1
4/5/22	11:55		5.78	1159	13.9	46.8	16.28	1.62	23.98	
4/5/22	12:00		5.77	1152	13.6	44.6	29.19	1.30	23.99	
4/5/22	12:05		5.77	1160	13.8	41.0	10.11	1.13	23.99	
4/5/22	12:10		5.77	1181	13.8	38.9	7.90	1.09	23.99	
4/5/22	12:15		5.77	1167	14.1	37.5	6.62	1.04	23.99	
4/5/22	12:20		5.77	1163	14.1	36.6	6.00	1.01	23.99	
4/5/22	12:25		5.77	1160	14.1	35.8	6.00	0.98	23.95	

METHANE READING (GEM) 0.00%

COMMENTS _____

SIGNATURE *[Signature]*

william
al.



WELL PURGING AND SAMPLING RECORD

WELL ID OB03A SAMPLE ID. OB03A

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL R. Williams J. Smith

DATE 4 / 5 / 22 TIME 1009 WEATHER rainy 84°F

WELL DEPTH <u>98.01</u> ft bgs	CASING HEIGHT <u>3</u> ft
WATER DEPTH <u>29.47</u> ft	WELL DIAMETER <u>2</u> in
SCREEN INTERVAL <u>50-97</u> ft bgs	PUMP DEPTH <u>74</u> ft
PUMP START TIME <u>1018</u> min	PUMP END TIME <u>1053</u> min
PUMP RATE <u>0.2</u> LPM	SAMPLING TIME <u>1053</u>
SAMPLING METHOD <u>Low-flow</u>	

HISTORICAL DATA: WELL DEPTH 97 ft bgs, WATER DEPTH 22.3 ft PUMP DEPTH 73 ft bgs, PURGE DURATION 1.25 hrs

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm°	°C	mV	NTU	mg/L	from TOC	LPM
4/5/22	10:18		6.46	1206	14.2	-61.3	34.06	1.31	24.32	
4/5/22	10:23		6.4	1208	13.8	-62.6	28.40	1.09	24.33	
4/5/22	10:28		6.45	1229	14.4	-63.9	21.15	1.03	24.33	
4/5/22	10:33		6.46	1219	13.9	-63.3	18.37	1.04	24.30	
4/5/22	10:34		6.46	1187	12.9	-62.0	20.70	1.06	24.30	
4/5/22	10:43		6.46	1158	11.9	-58.9	23.18	1.10	24.30	
4/5/22	10:48		6.46	1146	11.5	-57.7	22.05	1.12	24.30	
4/5/22	10:53		6.46	1139	11.3	-56.4	21.15	1.14	24.30	

METHANE READING (GEM) 0.00%

COMMENTS _____

SIGNATURE *RW*

WELL PURGING AND SAMPLING RECORD

WELL ID OB04 SAMPLE ID. OB04

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL A. Williams J. Stith

DATE 4/4/12 TIME 1150 WEATHER Sunny 55°F

WELL DEPTH 136.24 ~~136.24~~ ft bgs CASING HEIGHT 3 ft
 WATER DEPTH 4.31 ~~0.8~~ ft WELL DIAMETER 2 in
 SCREEN INTERVAL 86-136 ft bgs PUMP DEPTH 101 ft
 PUMP START TIME 1159 min PUMP END TIME 1235 min
 PUMP RATE 0.2 LPM SAMPLING TIME 1435
 SAMPLING METHOD Low-flow

HISTORICAL DATA: WELL DEPTH 136 ft bgs, WATER DEPTH 4.9 ft PUMP DEPTH 111 ft bgs, PURGE DURATION 35 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm [°]	°C	mV	NTU	mg/L	from TOC	LPM
4/4	1159		6.36	1886	13.5	25.7	3.04	5.54	4.32	0.2
4/4	12:03		6.23	1899	13.4	10.2	1.85	4.32	4.32	0.2
4/4	12:07		6.01	1882	12.8	25.3	2.34	3.01	4.32	0.2
4/4	12:11		5.94	1853	12.1	70.0	4.96	2.13	4.32	0.2
4/4	12:15		5.92	1865	12.5	122.6	3.86	1.53	4.32	0.2
4/4	12:19		5.92	1900	13.2	137.1	4.36	1.34	4.29	0.1
4/4	12:23		5.90	1933	13.7	151.3	4.33	1.30	4.30	0.2
4/4	12:27		5.90	1921	13.4	154.6	4.96	1.23	4.31	0.2
4/4	12:31		5.89	1948	14.0	155.3	4.33	1.12	4.31	0.2
4/4	12:35		5.89	1948	13.9	157.5	4.26	1.06	4.31	0.2

METHANE READING (GEM) 0.02%

COMMENTS _____

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WELL PURGING AND SAMPLING RECORD

WELL ID OB04A SAMPLE ID. OB04A

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL A. Williams J. St. Jh

DATE 4/9/24 TIME 1110 WEATHER 50 F Sunny

WELL DEPTH 85.51 ft bgs CASING HEIGHT 3 ft
 WATER DEPTH 5.15 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 33-83 ft bgs PUMP DEPTH 55 ft
 PUMP START TIME 1127 min PUMP END TIME 1147 min
 PUMP RATE 0.2 LPM SAMPLING TIME 1147
 SAMPLING METHOD Low-flow

HISTORICAL DATA: WELL DEPTH 83 ft bgs, WATER DEPTH 6.0 ft PUMP DEPTH 58 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water from TOC	Pump Rate
		Unit: Gal	--	µS/cm ^e	°C	mV	NTU	mg/L		LPM
4/9/24	1127		5.82	1862	12.9	189.9	13.9	3.31	5.25	0.2
	1131		5.54	1890	12.7	196.6	13.0	1.17	5.20	0.2
	1135		5.55	1894	12.7	195.9	6.65	1.11	5.20	0.2
	1139		5.55	1904	12.9	196.9	3.00	1.06	5.20	0.2
	11:43		5.55	1910	13.0	196.8	2.70	1.02	5.19	0.2
	11:47		5.55	1919	13.1	197.3	2.61	0.98	5.17	0.2
	11:51									

METHANE READING (GEM) 0.000

COMMENTS _____

SIGNATURE [Signature]



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and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID OB06 SAMPLE ID. OB06

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL R. Williams D-Kozlowski

DATE 3/29/22 TIME 1040 WEATHER JPR Sunny

WELL DEPTH <u>68.17</u> ft bgs	CASING HEIGHT <u>3</u> ft
WATER DEPTH <u>8.48</u> ft	WELL DIAMETER <u>2</u> in
SCREEN INTERVAL <u>26-66</u> ft bgs	PUMP DEPTH <u>46</u> ft
PUMP START TIME <u>1049</u> min	PUMP END TIME <u>1119</u> min
PUMP RATE <u>0.2</u> LPM	
SAMPLING METHOD <u>Low-flow</u>	SAMPLING TIME <u>1119</u>

HISTORICAL DATA: WELL DEPTH 67 ft bgs, WATER DEPTH 7.8 ft PUMP DEPTH 58 ft bgs, PURGE DURATION 50 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm°	°C	mV	NTU	mg/L	from TOC	LPM
<u>3/29/22</u>	<u>1049</u>		<u>6.16</u>	<u>1484</u>	<u>10.9</u>	<u>147.4</u>	<u>82.8</u>	<u>1.61</u>	<u>11.10</u>	<u>0.2</u>
	<u>1054</u>		<u>5.98</u>	<u>1469</u>	<u>10.5</u>	<u>143.4</u>	<u>35.7</u>	<u>1.17</u>	<u>10.52</u>	<u>0.2</u>
	<u>1059</u>		<u>5.97</u>	<u>1497</u>	<u>11.4</u>	<u>142.0</u>	<u>46.76</u>	<u>1.06</u>	<u>10.50</u>	<u>0.2</u>
	<u>1104</u>		<u>5.97</u>	<u>1498</u>	<u>11.4</u>	<u>141.9</u>	<u>73.75</u>	<u>1.11</u>	<u>10.46</u>	<u>0.2</u>
	<u>1109</u>		<u>5.98</u>	<u>1503</u>	<u>11.5</u>	<u>142.7</u>	<u>90.76</u>	<u>1.34</u>	<u>10.46</u>	<u>0.2</u>
	<u>1114</u>		<u>5.98</u>	<u>1502</u>	<u>11.5</u>	<u>143.4</u>	<u>77.14</u>	<u>1.35</u>	<u>10.45</u>	<u>0.2</u>
	<u>1119</u>		<u>5.98</u>	<u>1500</u>	<u>11.4</u>	<u>144.6</u>	<u>75.13</u>	<u>1.32</u>	<u>10.45</u>	<u>0.2</u>

METHANE READING (GEM) 0.00%

COMMENTS Well cap mistletoe, fixed w/ sharpie

SIGNATURE



WELL PURGING AND SAMPLING RECORD

WELL ID OB07 SAMPLE ID. OB07

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL A. Williams, D. McEwen

DATE 3, 29, 22 TIME 950 WEATHER 44°C Sunny

WELL DEPTH 46.91 ~~81~~ ft bgs CASING HEIGHT 3 ft
 WATER DEPTH 6.11 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 31-81 ft bgs PUMP DEPTH 56 ft
 PUMP START TIME 1003 min PUMP END TIME 1023 min
 PUMP RATE 0.2 LPM
 SAMPLING METHOD Low-flow SAMPLING TIME 1023

HISTORICAL DATA: WELL DEPTH 81 ft bgs, WATER DEPTH 6.7 ft PUMP DEPTH 56 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water from TOC	Pump Rate
		Unit: Gal	--	µS/cm ^o	°C	mV	NTU	mg/L		LPM
<u>3/29/22</u>	<u>1003</u>		<u>6.36</u>	<u>1040</u>	<u>10.5</u>	<u>128.6</u>	<u>455</u>	<u>1.26</u>	<u>7.23</u>	<u>0.2</u>
	<u>1008</u>		<u>6.37</u>	<u>1028</u>	<u>10.1</u>	<u>125.3</u>	<u>180.54</u>	<u>1.12</u>	<u>6.80</u>	<u>0.2</u>
	<u>1013</u>		<u>6.37</u>	<u>1033</u>	<u>10.3</u>	<u>123.2</u>	<u>194.56</u>	<u>1.09</u>	<u>6.48</u>	<u>0.2</u>
	<u>1018</u>		<u>6.37</u>	<u>1034</u>	<u>10.4</u>	<u>120.0</u>	<u>186.12</u>	<u>1.07</u>	<u>6.56</u>	<u>0.2</u>
	<u>1023</u>		<u>6.37</u>	<u>1022</u>	<u>10.6</u>	<u>114.9</u>	<u>180.23</u>	<u>1.06</u>	<u>6.53</u>	<u>0.2</u>
	<u>1028</u>									

METHANE READING (GEM) 0.00%

COMMENTS ~

SIGNATURE Rm



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID OB07A SAMPLE ID. OB07A

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL R. William D. Kozlowski

DATE 3 / 29 / 22 TIME 0908 WEATHER 78°F, sun

WELL DEPTH 98.51 ft bgs CASING HEIGHT 3 ft
 WATER DEPTH 5.50 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 26-76 ft bgs PUMP DEPTH 51 ft
 PUMP START TIME 0915 min PUMP END TIME 0950 min
 PUMP RATE 0.2 LPM
 SAMPLING METHOD Low-flow SAMPLING TIME 0950

HISTORICAL DATA: WELL DEPTH 76 ft bgs, WATER DEPTH 6.45 ft PUMP DEPTH 51 ft bgs, PURGE DURATION 20 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm ^o	°C	mV	NTU	mg/L	from TOC	LPM
	0915		6.34	606	8.9	138.9	8.42	4.40	5.53	0.2
	0920		6.08	631	6.9	140.3	29.50	3.74	5.53	0.2
	0925		5.95	734	7.3	141.5	24.92	2.46	5.53	0.2
	0930		5.90	813	7.7	143.5	23.41	2.45	5.53	0.2
	0935		5.86	872	8.1	147.3	9.77	2.05	5.53	0.2
	0940		5.84	906	8.0	151.2	7.13	1.94	5.53	0.2
	0945		5.83	906	7.4	152.9	6.61	1.92	5.53	0.2
	0950		5.82	914	8.2	155.2	4.97	1.90	5.53	0.2

METHANE READING (GEM) 0.00%

COMMENTS ~

SIGNATURE RW



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID OB08 SAMPLE ID. OB08
 WELL/SITE DESCRIPTION Gude Landfill
 SAMPLING PERSONNEL A. Williams D. Kozlowski

DATE 3/30/22 TIME 1047 WEATHER 61°R Sunny

WELL DEPTH 82.13 ft bgs CASING HEIGHT 3 ft
 WATER DEPTH 6.53 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 59-109 ft bgs PUMP DEPTH 77 ft
 PUMP START TIME 1059 min PUMP END TIME 1123 min
 PUMP RATE 0.2 LPM
 SAMPLING METHOD Low-flow SAMPLING TIME 1123

HISTORICAL DATA: WELL DEPTH 109 ft bgs, WATER DEPTH 6.0 ft PUMP DEPTH 84 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond. µS/cm°	Temp. °C	ORP mV	Turb. NTU	DO mg/L	Depth to Water from TOC	Pump Rate
		Unit: Gal								LPM
	10:59	0.0	6.94	444	11.0	156.5	17.56	5.50	6.72	0.2
	11:03	0.8	6.47	463	10.4	126.5	7.91	2.15	6.59	0.2
	11:07	1.6	6.41	481.6	11.4	93.1	13.28	1.40	6.54	0.2
	11:11	2.4	6.41	486.2	11.5	90.2	9.57	1.20	6.62	0.2
	11:15	3.2	6.41	487.2	11.6	90.7	8.76	1.17	6.64	0.2
	11:19	4.0	6.41	486.7	11.6	91.7	6.94	1.13	6.64	0.2
	11:23	4.8	6.41	489.46	11.4	93.3	6.39	1.09	6.70	0.2

METHANE READING (GEM) 0.024%

COMMENTS _____

SIGNATURE Rum



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID OB08A SAMPLE ID. OB08A

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL _____

DATE 3/30/22 TIME 1130 WEATHER 60° Sunny

WELL DEPTH 139.65 ft bgs CASING HEIGHT 3 ft
 WATER DEPTH 6.94 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 95-154 ft bgs PUMP DEPTH 130 ft
 PUMP START TIME 1138 min PUMP END TIME 1206 min
 PUMP RATE 0.2 LPM
 SAMPLING METHOD Low-flow SAMPLING TIME 1206

HISTORICAL DATA: WELL DEPTH 82.5 ft bgs, WATER DEPTH 6.3 ft PUMP DEPTH 65 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water from TOC	Pump Rate
		Unit: Gal	--	µS/cm°	°C	mV	NTU	mg/L		LPM
	1138	0.0	6.09	582	13.1	24.0	21.60	1.50	7.20	0.2
	1142	0.8	6.08	591	13.4	25.6	9.36	1.09	7.04	0.2
	1146	1.6	6.08	579	12.4	27.2	8.67	1.10	7.01	0.2
	1150	2.4	6.08	572	11.9	30.4	8.70	1.10	7.02	0.2
	1154	3.2	6.07	609	14.2	28.6	11.30	0.93	7.02	0.2
	1158	4.0	6.08	606	13.9	27.2	13.60	0.90	7.01	0.2
	1202	4.8	6.08	599	13.5	28.2	13.88	0.89	7.03	0.2
	1206	5.6	6.08	599	13.7	27.7	12.63	0.88	7.04	0.2
	1210									

METHANE READING (GEM) 0.00%

COMMENTS _____

SIGNATURE RW



WELL PURGING AND SAMPLING RECORD

WELL ID OB10 SAMPLE ID. OB10

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL R. William D. Kozlowski

DATE 3/29/22 TIME 1400 WEATHER 42°F Sunny

WELL DEPTH <u>67.03</u> ft bgs	CASING HEIGHT <u>3</u> ft
WATER DEPTH <u>6.81</u> ft	WELL DIAMETER <u>2</u> in
SCREEN INTERVAL <u>27-67</u> ft bg	PUMP DEPTH <u>47</u> ft
PUMP START TIME <u>1410</u> min	PUMP END TIME <u>1435</u> min
PUMP RATE <u>0.2</u> LPM	PURGE DURATION (HIST.) <u>35</u> min
SAMPLING METHOD <u>Low-flow</u>	SAMPLING TIME <u>1435</u>

HISTORICAL DATA: WELL DEPTH 67 ft bgs, WATER DEPTH 7.55 ft PUMP DEPTH 55 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water from TOC	Pump Rate
		Unit: Gal	--	µS/cm°	°C	mV	NTU	mg/L		LPM
3/29/22	1410		6.02	945	11.9	183	7.96	4.54	6.88	0.2
	1415		5.87	1106	11.3	4.5	4.85	1.21	6.88	0.2
	1420		5.89	1106	11.9	1.0	3.47	1.07	6.88	0.2
	1425		5.89	1108	12.2	-0.2	3.26	1.02	6.88	0.2
	1430		5.90	1081	12.1	-0.2	2.81	1.05	6.88	0.2
	1435		5.90	1068	12.1	0.2	2.77	1.06	6.88	0.2

METHANE READING (GEM) 0.0090

COMMENTS _____

SIGNATURE R. William



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID OB11 SAMPLE ID. OB11, OB50

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL R. Williams, D. Kozlowski

DATE 3/30/12 TIME 1450 WEATHER 55°F, Sun

WELL DEPTH <u>103.91</u> ft	CASING HEIGHT <u>3</u> ft
WATER DEPTH <u>9.22</u> ft	WELL DIAMETER <u>2</u> in
SCREEN INTERVAL <u>40-90</u> ft bgs	PUMP DEPTH <u>55</u> ft
PUMP START TIME <u>1456</u> min	PUMP END TIME <u>1512</u> min
PUMP RATE <u>0.2</u> LPM	
SAMPLING METHOD <u>Low-flow</u>	SAMPLING TIME <u>1512</u>

HISTORICAL DATA: WELL DEPTH 90 ft bgs, WATER DEPTH 9.4 ft PUMP DEPTH 65 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: <u>Gal</u>	--	$\mu\text{S}/\text{cm}^\circ$	$^\circ\text{C}$	mV	NTU	mg/L	from TOC	LPM
<u>3/30/12</u>	<u>1456</u>	<u>0.0</u>	<u>5.88</u>	<u>1708</u>	<u>14.6</u>	<u>130.4</u>	<u>5.65</u>	<u>4.0</u>	<u>9.33</u>	<u>0.2</u>
	<u>1500</u>	<u>1.0</u>	<u>5.66</u>	<u>1803</u>	<u>14.6</u>	<u>171.3</u>	<u>20.62</u>	<u>1.43</u>	<u>9.33</u>	<u>0.2</u>
	<u>1504</u>	<u>2.0</u>	<u>5.65</u>	<u>1813</u>	<u>14.6</u>	<u>121.5</u>	<u>14.40</u>	<u>1.10</u>	<u>9.33</u>	<u>0.2</u>
	<u>1508</u>	<u>3.0</u>	<u>5.66</u>	<u>1812</u>	<u>14.3</u>	<u>124.9</u>	<u>10.98</u>	<u>1.09</u>	<u>9.33</u>	<u>0.2</u>
	<u>1512</u>	<u>4.0</u>	<u>5.65</u>	<u>1804</u>	<u>14.1</u>	<u>127.3</u>	<u>9.01</u>	<u>1.08</u>	<u>9.33</u>	<u>0.2</u>

DUPLICATE SAMPLE ID: OB50
METHANE READING (GEM) 0.00%

COMMENTS _____

SIGNATURE Rum



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID OB11A SAMPLE ID. OB11A

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL R. Williams, D. Koslowski

DATE 3/30/22 TIME 1420 WEATHER 55°F, Sun

WELL DEPTH 65.98 ft bgs CASING HEIGHT 3 ft
 WATER DEPTH 8.73 ft WELL DIAMETER 4² in
 SCREEN INTERVAL 24-64 ft bgs PUMP DEPTH 49 ft
 PUMP START TIME 1427 min PUMP END TIME 1443 min
 PUMP RATE 0.2 LPM SAMPLING TIME 1443
 SAMPLING METHOD Low-flow

HISTORICAL DATA: WELL DEPTH 64 ft bgs, WATER DEPTH 9.1 ft PUMP DEPTH 45 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm ^o	°C	mV	NTU	mg/L	from TOC	LPM
3/30/22	1427		5.71	1873	15.0	83.6	88.2	1.35	9.25	0.2
	1431		5.75	1899	15.4	72.3	30.2	0.96	9.25	0.2
	1435		5.78	1929	16.0	72.7	20.0	0.90	9.25	0.2
	1439		5.79	1937	16.1	73.1	17.78	0.89	9.25	0.2
	1443		5.79	1941	16.2	76.1	12.34	0.84	9.25	0.2

METHANE READING (GEM) 0.00%

COMMENTS _____

SIGNATURE *RW*



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID OB12 SAMPLE ID. OB12

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL Reid Williams, Aquil Hasbani

DATE 3/30/22 TIME 1240 WEATHER 45°F Sunny

WELL DEPTH <u>25.17</u> ft bgs	CASING HEIGHT <u>3</u> ft
WATER DEPTH <u>16.75</u> ft	WELL DIAMETER <u>2</u> in
SCREEN INTERVAL <u>16-26</u> ft bgs	PUMP DEPTH <u>22</u> ft
PUMP START TIME <u>1252</u> min	PUMP END TIME <u>1312</u> min
PUMP RATE <u>0.2</u> LPM	SAMPLING TIME <u>1312</u>
SAMPLING METHOD <u>Low-flow</u>	

HISTORICAL DATA: WELL DEPTH 26 ft bgs, WATER DEPTH 18.3 ft PUMP DEPTH 25 ft bgs, PURGE DURATION 40 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm ^c	°C	mV	NTU	mg/L	from TOC	LPM
	1252		6.86	593	12.6	-34.4	9.22	2.20	17.03	0.2
	1256		6.18	598	13.0	-31.9	2.55	1.07	16.93	0.2
	1300		5.91	584	13.9	-19.6	2.15	0.96	16.93	0.2
	1304		5.77	564	14.5	-1.8	1.30	0.90	16.99	0.2
	1308		5.63	555	14.7	9.4	1.60	0.86	17.02	0.2
	1312		5.62	551	14.8	13.2	1.55	0.85	17.05	0.2

METHANE READING (GEM) 0.00%

COMMENTS _____

SIGNATURE



EA Engineering, Science,
and Technology, Inc.

WELL PURGING AND SAMPLING RECORD

WELL ID OB015 SAMPLE ID. OB015

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL A. Williams A. Koslowski

DATE 3/30/22 TIME 1320 WEATHER 50°F, P. cloudy

WELL DEPTH 28.35 ft bgs CASING HEIGHT 3 ft
 WATER DEPTH 25.9 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 18-28 ft bgs PUMP DEPTH 27 ft
 PUMP START TIME 1328 min PUMP END TIME 1343 min
 PUMP RATE 0.2 LPM
 SAMPLING METHOD Low-flow SAMPLING TIME 1343

HISTORICAL DATA: WELL DEPTH 28 ft bgs, WATER DEPTH 27.1 ft PUMP DEPTH 25 ft bgs, PURGE DURATION 40 min

Date	Time	Volume Removed	pH	Cond. µS/cm ^o	Temp. °C	ORP mV	Turb. NTU	DO mg/L	Depth to Water from TOC	Pump Rate LPM
		Unit: Gall								
	1328	0.0								
	1328	0.0	6.21	342.8	15.1	51.4	6.21	2.12	20.72	0.2
	1333	1.0	6.19	354.6	16.6	52.1	21.16	1.96	20.86	0.2
	1338	2.0	6.19	359.4	17.1	56.3	18.18	1.93	20.90	0.2
	1343	3.0	6.19	367.8	16.9	58.2	19.15	1.92	20.94	0.2
	1348									

METHANE READING (GEM) 0.05%

* COMMENTS _____

SIGNATURE Renn

WELL PURGING AND SAMPLING RECORD

WELL ID OB102 SAMPLE ID. OB102

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL R. Williams D. Kozlowski

DATE 3 / 29 / 22 TIME 1130 WEATHER 34°F Sunny

WELL DEPTH 29.91 ft bgs CASING HEIGHT 3 ft
 WATER DEPTH 11.68 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 15-25 ft bgs PUMP DEPTH 20 ft
 PUMP START TIME 1144 min PUMP END TIME 1204 min
 PUMP RATE 0.2 LPM
 SAMPLING METHOD Low-flow SAMPLING TIME 12:04

HISTORICAL DATA: WELL DEPTH 25 ft bgs, WATER DEPTH 10.50 ft PUMP DEPTH 20 ft bgs, PURGE DURATION 30 min

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water from TOC	Pump Rate
		Unit: Gal	--	µS/cm [°]	°C	mV	NTU	mg/L		LPM
3/29/22	1144		6.65	2707	11.9	139.8	9.46	1.77	11.97	0.2
	1149		6.63	2688	11.0	134.1	8.86	1.02	11.86	0.2
	1154		6.61	2731	11.9	138.4	6.04	0.89	11.80	0.2
	1159		6.61	2733	11.9	140.6	6.45	0.86	11.80	0.2
	1204		6.61	2785	12.0	141.3	7.22	0.83	11.82	0.2

METHANE READING (GEM) 0.00/0

COMMENTS —

SIGNATURE RW

WELL PURGING AND SAMPLING RECORD

WELL ID OB105 SAMPLE ID. OB105

WELL/SITE DESCRIPTION Gude Landfill

SAMPLING PERSONNEL R. Williams J. Stith

DATE 4/4/22 TIME 1250 WEATHER _____

WELL DEPTH 16.75 ft bgs CASING HEIGHT 3 ft
 WATER DEPTH 3.00 ft WELL DIAMETER 2 in
 SCREEN INTERVAL 5-13 ft bgs PUMP DEPTH 10 ft
 PUMP START TIME 1303 min PUMP END TIME 1319 min
 PUMP RATE 0.2 LPM SAMPLING TIME 1319
 SAMPLING METHOD Low-flow

HISTORICAL DATA: WELL DEPTH 18 ft bgs, WATER DEPTH 3.0 ft PUMP DEPTH 12 ft bgs, PURGE DURATION 1.75 hrs

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb.	DO	Depth to Water	Pump Rate
		Unit: Gal	--	µS/cm [°]	°C	mV	NTU	mg/L	from TOC	LPM
4/4/22	1303		7.02	2986	12.0	-125.7	52.7	1.89	3.32	0.2
	1307		7.01	2992	12.0	-120.5	36.5	1.14	3.32	0.2
	1311		7.00	2952	11.6	-116.6	42.1	1.02	3.29	0.2
	1315		6.98	2954	11.8	-113.4	42.1	0.95	3.30	0.2
	1319		6.98	2935	11.8	-111.7	41.9	0.94	3.31	0.2

METHANE READING (GEM) 0.00%

COMMENTS _____

SIGNATURE Rum



EA Engineering, Science,
and Technology, Inc.

SURFACE WATER SAMPLING RECORD

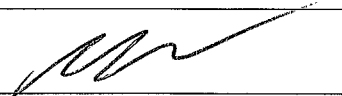
STREAM LOCATION ID St 015 SAMPLE ID. St 015
 SITE DESCRIPTION 600
 SAMPLING PERSONNEL R. Williams

DATE 3/28/22 TIME 1330 WEATHER 90°F Sunny

SAMPLING METHOD g/ab
 PURGE START TIME -
 PURGE END TIME -
 DEPTH OF SAMPLE COLLECTION (APPROX.) 3'17
 SAMPLE COLLECTION TIME 1330

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turbidity.	DO
		Unit: Gal	--	µS/cm ^o	°C	mV	NTU	mg/L
3/28/22	1330		7.53	365.4	5.9	95.2	18.2	12.22

COMMENTS _____

SIGNATURE 



EA Engineering, Science,
and Technology, Inc.

SURFACE WATER SAMPLING RECORD

STREAM LOCATION ID St-120 SAMPLE ID. _____

SITE DESCRIPTION _____

SAMPLING PERSONNEL R. Williams

DATE 4/4/22 TIME 1050 WEATHER 50°F

SAMPLING METHOD Grab

PURGE START TIME -


PURGE END TIME -

DEPTH OF SAMPLE COLLECTION (APPROX.) 3''

SAMPLE COLLECTION TIME 1050

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turbidity	DO
		Unit: Gal	--	µS/cm°	°C	mV	NTU	mg/L
4/4/22	1050		7.90	620	9.0	92.7	15.10	12.67

COMMENTS _____

SIGNATURE 



EA Engineering, Science,
and Technology, Inc.

SURFACE WATER SAMPLING RECORD

STREAM LOCATION ID St-065 SAMPLE ID. _____
 SITE DESCRIPTION Bridge
 SAMPLING PERSONNEL A. Williams

DATE 3 / 29 / 22 TIME ~~10:00~~ 0945 WEATHER 85% Sunny

SAMPLING METHOD 6/93
 PURGE START TIME -
 PURGE END TIME -
 DEPTH OF SAMPLE COLLECTION (APPROX.) 3"
 SAMPLE COLLECTION TIME ~~10:00~~ 0945

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turbidity.	DO
		Unit: Gal	--	µS/cm ^c	°C	mV	NTU	mg/L
3/29/22	0945		7.43	690	7.9	350	24.80	11.61

COMMENTS _____

SIGNATURE _____



EA Engineering, Science,
and Technology, Inc.

SURFACE WATER SAMPLING RECORD

STREAM LOCATION ID 57-70 SAMPLE ID. _____

SITE DESCRIPTION _____

SAMPLING PERSONNEL A. Williams

DATE 3 / 28 / 22 TIME 1420 WEATHER 50°F

SAMPLING METHOD 6/ab

PURGE START TIME -

PURGE END TIME -

DEPTH OF SAMPLE COLLECTION (APPROX.) 3''

SAMPLE COLLECTION TIME 1420

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turbidity.	DO
		Unit: Gal	--	µS/cm°	°C	mV	NTU	mg/L
<u>3/28/22</u>	<u>1420</u>		<u>7.53</u>	<u>368.4</u>	<u>5.9</u>	<u>95.2</u>	<u>18.20</u>	<u>17.71</u>

COMMENTS _____

SIGNATURE 



EA Engineering, Science,
and Technology, Inc.

SURFACE WATER SAMPLING RECORD

STREAM LOCATION ID St-80 SAMPLE ID. _____

SITE DESCRIPTION _____

SAMPLING PERSONNEL A. Willey

DATE 3 / 31 / 2k TIME 1225 WEATHER 6:0 A

SAMPLING METHOD Grab

PURGE START TIME -

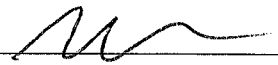
PURGE END TIME -

DEPTH OF SAMPLE COLLECTION (APPROX.) 3"

SAMPLE COLLECTION TIME 1225

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turbidity.	DO
		Unit: Gal	--	µS/cm ^o	°C	mV	NTU	mg/L
3/31/2k	1225		8.01	799	9.7	143.1	12.19	10.91

COMMENTS _____

SIGNATURE 

Appendix B

Chain-of-Custody Documents

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Company Name: EA Engineering		Project Manager: Laura Oakes		Analysis Requested										CHAIN-OF-CUSTODY RECORD																			
Project Name: GUDE Landfill		Project ID: 155604		<table border="1"> <tr> <td rowspan="2">8260LL VOC and 8011*</td> <td rowspan="2">6020 MDE Landfill List</td> <td rowspan="2">Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity</td> <td rowspan="2">Turbidity, pH</td> <td rowspan="2">Suspended Solids</td> <td rowspan="2">COD</td> <td rowspan="2">Ammonia-Nitrogen</td> <td colspan="2">Preservative: 1+1 HCl, H₂SO₄, Methanol, Na₂S₂O₃, NaHCO₃</td> <td colspan="2">Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank</td> <td>MSS Lab ID</td> </tr> <tr> <td colspan="2">Matrix Codes: NW (non-potable water) PW (potable water)</td> <td colspan="2"></td> <td></td> </tr> </table>										8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Preservative: 1+1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃		Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank		MSS Lab ID	Matrix Codes: NW (non-potable water) PW (potable water)					Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 reporting@mdspectral.com		
8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH																		Suspended Solids	COD	Ammonia-Nitrogen	Preservative: 1+1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃		Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank		MSS Lab ID					
				Matrix Codes: NW (non-potable water) PW (potable water)																													
Sampler(s): D. Kozlowski, R. Williams, J. Stith		P.O. Number: <i>19541</i>																															
Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Preservative: 1+1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID																	
MW-23A	3/28/22	0936	X			9	X	X	X	X	X	X	X	X		2032816-01 A																	
MW-23A MW-23B		1023				9										- 02																	
MW-22B		1125				9										- 03																	
MW-22A		1205				9										- 04																	
MW-1B		1306				9										- 05																	
MW-19B		1350				9										- 06																	
MW-19A		1330				9										- 07																	
St-015		1330				9										- 08																	
Trip Blank	X	-	X			9									Trip Blank	- 09																	

* Please analyze 2 VOCs (1,2-Dibromo-3-chloropropane and 1, 2 Dibromoethane) by method 8011 in addition to method 8260.

Relinquished by: (Signature) <i>Reid Williams</i>	Date/Time 3/28/22	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) Reid Williams	1615	(Printed)	(Printed)		(Printed)
Relinquished by: (Signature)	Date/Time	Received by: Lab: (Signature)	Turn Around Time:	Lab Use:	
(Printed)	16:04	(Printed) <i>Lori Foster</i>	<input checked="" type="checkbox"/> Normal (7 day) <input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ <input type="checkbox"/> Specific Due Date: _____	Temp: _____°C 4.6 <input checked="" type="checkbox"/> Received on Ice <input checked="" type="checkbox"/> Received same day <input type="checkbox"/> Preservation Appropriate	
Delivery Method:	Special Instructions/QC Requirements & Comments:		Sample Disposal:		
<input type="checkbox"/> Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> USPS <input type="checkbox"/> Other: _____			<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for _____ days		

Company Name: EA Engineering		Project Manager: Laura Oakes		Analysis Requested										CHAIN-OF-CUSTODY RECORD		
Project Name: GUDE Landfill		Project ID: 155604		No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 reporting@mdspectral.com				
Sampler(s): D. Kozlowski, R. Williams, J. Stith		P.O. Number: 19541										Matrix Codes: NW (non-potable water) PW (potable water)				
Field Sample ID	Date	Time	Water	Soil	Other	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Preservative: 1+1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID	
OB07A	3/27/22	0950	X			10	X	X	X	X	X	X	X	X		2032911-01 A
OB07		1023														- 02
OB06		1119														- 03
OB-10a		1204														- 04
Mw-2B		1253														- 05
Mw-2A		1333														- 06
OB-10		1435														- 07
Mw-4		1509														- 08
St-065		0945														- 09

* Please analyze 2 VOCs (1,2-Dibromo-3-chloropropane and 1, 2 Dibromoethane) by method 8011 in addition to method 8260.

Relinquished by: (Signature) <i>Reid Williams</i>	Date/Time 3/29/22	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) Reid Williams	1640	(Printed)	(Printed)		(Printed)
Relinquished by: (Signature)	Date/Time 16:39	Received by Lab: (Signature) <i>Lo r i Foster</i>	Turn Around Time:	Lab Use:	
(Printed)	3-29-22	(Printed)	<input checked="" type="checkbox"/> Normal (7 day) <input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ <input type="checkbox"/> Specific Due Date: _____	Temp: _____ °C 2.0 <input checked="" type="checkbox"/> Received on Ice <input type="checkbox"/> Received same day <input type="checkbox"/> Preservation Appropriate	
Delivery Method: <input type="checkbox"/> Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> USPS <input type="checkbox"/> Other: _____	Special Instructions/QC Requirements & Comments:		Sample Disposal: <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for _____ days		

Company Name: EA Engineering		Project Manager: Laura Oakes		Analysis Requested										CHAIN-OF-CUSTODY RECORD																
Project Name: GUDE Landfill		Project ID: 155604		<table border="1"> <tr> <td rowspan="2">No. of Containers</td> <td rowspan="2">8260LL VOC and 8011*</td> <td rowspan="2">6020 MDE Landfill List</td> <td rowspan="2">Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity</td> <td rowspan="2">Turbidity, pH</td> <td rowspan="2">Suspended Solids</td> <td rowspan="2">COD</td> <td rowspan="2">Ammonia-Nitrogen</td> <td colspan="3">Matrix Codes: NW (non-potable water) PW (potable water)</td> </tr> <tr> <td>Preservative: 1:1 HCl, H₂SO₄, Methanol, Na₂S₂O₃, NaHCO₃</td> <td>Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank</td> <td>MSS Lab ID</td> </tr> </table>										No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Matrix Codes: NW (non-potable water) PW (potable water)			Preservative: 1:1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID	Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 reporting@mdspectral.com		
No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity																			Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Matrix Codes: NW (non-potable water) PW (potable water)				
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Sampler(s): D. Kozlowski, R. Williams, J. Stith		P.O. Number: 19541												Matrix Codes: NW (non-potable water) PW (potable water)																
Field Sample ID		Date	Time	Water	Soil	Other	No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Preservative: 1:1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID													
Mw-3B		3/30/22	0922	X			10	X	X	X	X	X	X	X	HCl, H ₂ SO ₄ , NaHCO ₃		2033038-01 A													
Mw-3A			1028														- 02													
OB08			1123														- 03													
OB08A			1206														- 04													
OB15			1343														- 05													
OB12			1312														- 06													
OB11A			1443														- 07													
OB11			1512														- 08													
OB025			1554														- 09													
* Please analyze 2 VOCs (1,2-Dibromo-3-chloropropane and 1, 2 Dibromoethane) by method 8011 in addition to method 8260.																														
Relinquished by: (Signature) <i>Reid Williams</i>		Date/Time 1/10		Received by: (Signature)				Relinquished by: (Signature)				Date/Time		Received by: (Signature)																
(Printed) Reid Williams		3/30/22		(Printed)				(Printed)						(Printed)																
Relinquished by: (Signature)		Date/Time		Received by Lab: (Signature)				Turn Around Time:				Lab Use:																		
(Printed)		3/30/22 17:24		Rachel Horner				<input checked="" type="checkbox"/> Normal (7 day) <input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ <input type="checkbox"/> Specific Due Date: _____				Temp: <u>4</u> °C <input checked="" type="checkbox"/> Received on Ice <input type="checkbox"/> Received same day <input type="checkbox"/> Preservation Appropriate																		
Delivery Method:		Special Instructions/QC Requirements & Comments:																												
<input type="checkbox"/> Courier <input type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> USPS <input type="checkbox"/> Other: _____																														
		Sample Disposal:																												
		<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for _____ days																												

Company Name: EA Engineering		Project Manager: Laura Oakes		Analysis Requested										CHAIN-OF-CUSTODY RECORD																
Project Name: GUDE Landfill		Project ID: 155604		<table border="1"> <tr> <td rowspan="2">No. of Containers</td> <td rowspan="2">8260LL VOC and 8011*</td> <td rowspan="2">6020 MDE Landfill List</td> <td rowspan="2">Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity</td> <td rowspan="2">Turbidity, pH</td> <td rowspan="2">Suspended Solids</td> <td rowspan="2">COD</td> <td rowspan="2">Ammonia-Nitrogen</td> <td colspan="3">Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 reporting@mdspectral.com</td> </tr> <tr> <td colspan="3">Matrix Codes: NW (non-potable water) PW (potable water)</td> </tr> </table>										No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 reporting@mdspectral.com			Matrix Codes: NW (non-potable water) PW (potable water)			Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 reporting@mdspectral.com		
No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity																			Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 reporting@mdspectral.com				
				Matrix Codes: NW (non-potable water) PW (potable water)																										
Sampler(s): D. Kozłowski, R. Williams, J. Stith		P.O. Number: 19541												Preservative: 1+1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃			Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank			MSS Lab ID										
Field Sample ID		Date	Time	Water	Soil	Other	No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Preservative: 1+1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃			Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank			MSS Lab ID									
MW-21B		3/31/11	0758				10	X	X	X	X	X	X	X	HCl, H ₂ SO ₄ , H ₂ O						2 033132 -01									
mw-21A			0638																											
mw-6			0948																											
OB501			1024																											
mw-21A			1118																											
mw-24B			1154																											
OB40			1200																											
st-80			1245																											
Trip blank			-				2											Trip blank												
* Please analyze 2 VOCs (1,2-Dibromo-3-chloropropane and 1, 2 Dibromoethane) by method 8011 in addition to method 8260.																														
Relinquished by: (Signature) <i>Reid Williams</i>		Date/Time 1350		Received by: (Signature)				Relinquished by: (Signature)				Date/Time		Received by: (Signature)																
(Printed) Reid Williams		3/31/11		(Printed)				(Printed)						(Printed)																
Relinquished by: (Signature)		Date/Time		Received by Lab: (Signature)				Turn Around Time:				Lab Use:																		
(Printed)		3-31-11		<i>Lori Foster</i>				<input checked="" type="checkbox"/> Normal (7 day) <input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ <input type="checkbox"/> Specific Due Date: _____				Temp: _____°C 2.0 <input checked="" type="checkbox"/> Received on Ice <input checked="" type="checkbox"/> Received same day <input type="checkbox"/> Preservation Appropriate																		
Delivery Method:		Special Instructions/QC Requirements & Comments:																												
<input type="checkbox"/> Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> USPS <input type="checkbox"/> Other: _____																														
		<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for _____ days																												

Company Name: EA Engineering		Project Manager: Laura Oakes		Analysis Requested										CHAIN-OF-CUSTODY RECORD			
Project Name: GUDE Landfill		Project ID: 155604		No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 reporting@mdspectral.com					
Sampler(s): D. Kozlowski, R. Williams, J. Stith		P.O. Number: 19547										Matrix Codes: NW (non-potable water) PW (potable water)					
Field Sample ID	Date	Time	Water									Soil	Other	Preservative: 1+1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID	
Mw-13A	4/4/22	0937	X			X	X	X	X	X	HCl, H ₂ SO ₄ , V _{max}		2040420				
MW-13B		1013											-02				
St 120		1050											-03				
OB04A		1147											-04				
OB30		1200											-05				
OB04		1235											-06				
OB 105		1319											-07				
Mw-16B		1408											-08				
Mw-16A		1454											-09				

* Please analyze 2 VOCs (1,2-Dibromo-3-chloropropane and 1, 2 Dibromoethane) by method 8011 in addition to method 8260.

Relinquished by: (Signature) 	Date/Time 1715	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) Reid Williams	4/4/22	(Printed)	(Printed)		(Printed)
Relinquished by: (Signature)	Date/Time 17:23	Received by Lab: (Signature) 	Turn Around Time:	Lab Use:	
(Printed)	4-4-22	(Printed) Lori Foster	<input checked="" type="checkbox"/> Normal (7 day) <input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ <input type="checkbox"/> Specific Due Date: _____	Temp: _____ °C 3.9 <input checked="" type="checkbox"/> Received on Ice <input checked="" type="checkbox"/> Received same day <input type="checkbox"/> Preservation Appropriate	
Delivery Method:	Special Instructions/QC Requirements & Comments:			Sample Disposal:	
<input type="checkbox"/> Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> USPS <input type="checkbox"/> Other: _____				<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for _____ days	

Company Name: EA Engineering		Project Manager: Laura Oakes		Analysis Requested										CHAIN-OF-CUSTODY RECORD		
Project Name: GUDE Landfill		Project ID: 155604												Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 reporting@mdspectral.com		
Sampler(s): D. Kozlowski, R. Williams, J. Stith		P.O. Number: 19541												Matrix Codes: NW (non-potable water) PW (potable water)		
Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Preservative: 1 +1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID
Mw-7	9/19/22	1551	X			10	X	X	X	X	X	X	X	HCl, H ₂ SO ₄ , 1/16g		2040420-10
Trip blank	9/19/22	-	X			2	X	X	X	X	X	X	X		Trip blank	-11

* Please analyze 2 VOCs (1,2-Dibromo-3-chloropropane and 1, 2 Dibromoethane) by method 8011 in addition to method 8260.

Relinquished by: (Signature) <i>Reid Williams</i>		Date/Time 1715	Received by: (Signature)		Relinquished by: (Signature)		Date/Time	Received by: (Signature)	
(Printed) Reid Williams		4/19/22	(Printed)		(Printed)			(Printed)	
Relinquished by: (Signature)		Date/Time 17:23	Received by Lab: (Signature)		Turn Around Time:		Lab Use:		
(Printed)		4-4-22	(Printed) Lori Foster		<input checked="" type="checkbox"/> Normal (7 day) <input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ <input type="checkbox"/> Specific Due Date: _____		Temp: _____ °C 3.9 <input checked="" type="checkbox"/> Received on Ice <input type="checkbox"/> Received same day <input type="checkbox"/> Preservation Appropriate		
Delivery Method:		Special Instructions/QC Requirements & Comments:			Sample Disposal:				
<input checked="" type="checkbox"/> Courier <input type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> USPS <input type="checkbox"/> Other: _____					<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for _____ days				

Company Name: EA Engineering	Project Manager: Laura Oakes	Analysis Requested							CHAIN-OF-CUSTODY RECORD			
Project Name: GUDE Landfill	Project ID: 155604	No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 reporting@mdspectral.com		
Sampler(s): D. Kozlowski, R. Williams, J. Stith	P.O. Number: 19541									Matrix Codes: NW (non-potable water) PW (potable water)		

Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Preservative: 1-1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID
MW-6	4/15/22	0935	X			10	X	X	X	X	X	X	X	HCl, H ₂ SO ₄ , HNO ₃		2040518-01
OD03A		1057														- 02
OB03		1225														- 03
OB02A		1343														- 04
OB02		1445														- 05
Trip Blank		-				2									Trip Blank	- 06

* Please analyze 2 VOCs (1,2-Dibromo-3-chloropropane and 1, 2 Dibromoethane) by method 8011 in addition to method 8260.

Relinquished by: (Signature) <i>Reid Williams</i>	Date/Time 1615	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) Reid Williams	4/15/22	(Printed)	(Printed)		(Printed)

Relinquished by: (Signature)	Date/Time	Received by Lab: (Signature)	Turn Around Time:	Lab Use:
(Printed)	16:19 4-5-22	<i>Lori Foster</i> (Printed)	<input checked="" type="checkbox"/> Normal (7 day) <input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ <input type="checkbox"/> Specific Due Date: _____	Temp: _____ °C 3.3 <input checked="" type="checkbox"/> Received on Ice <input checked="" type="checkbox"/> Received same day <input type="checkbox"/> Preservation Appropriate

Delivery Method: <input type="checkbox"/> Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> USPS <input type="checkbox"/> Other: _____	Special Instructions/QC Requirements & Comments:	Sample Disposal: <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for _____ days
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Company Name: EA Engineering	Project Manager: Laura Oakes	Analysis Requested							CHAIN-OF-CUSTODY RECORD			
Project Name: GUDE Landfill	Project ID: 155604	No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 reporting@mdspectral.com		
Sampler(s): D. Kozlowski, R. Williams, J. Stith	P.O. Number: 19541									Matrix Codes: NW (non-potable water) PW (potable water)		

Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Preservative: 1+1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID
Mw-15	9/6/22	1027	X			10	X	X	X	Y	X	Y	Y	HCl, H ₂ SO ₄ , MW ₃		2 040625-01
Mw-9		1116														- 0 2
Mw-13		1227														- 0 3
Mw-10		1336														- 0 4
Mw-11B		1436														- 0 5
Mw-11A		1510														- 0 6
Mw-14B		1605														- 0 7
Mw-14A		1636														- 0 8
Trip Blank		-				2								Trip Blank		- 0 9

* Please analyze 2 VOCs (1,2-Dibromo-3-chloropropane and 1, 2 Dibromoethane) by method 8011 in addition to method 8260.

Relinquished by: (Signature) <i>Reid Williams</i>	Date/Time 9/6/22	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) Reid Williams	1801	(Printed)	(Printed)		(Printed)

Relinquished by: (Signature)	Date/Time 4-6-22	Received by Lab: (Signature) <i>Lori Foster</i>	Turn Around Time:	Lab Use:
(Printed)	18:08	(Printed)	<input checked="" type="checkbox"/> Normal (7 day) <input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ <input type="checkbox"/> Specific Due Date: _____	Temp: _____ °C 4.2 <input checked="" type="checkbox"/> Received on Ice <input checked="" type="checkbox"/> Received same day <input type="checkbox"/> Preservation Appropriate

Delivery Method: <input type="checkbox"/> Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> USPS <input type="checkbox"/> Other: _____	Special Instructions/QC Requirements & Comments:	Sample Disposal: <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for _____ days
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Appendix C
Laboratory Reports

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13 April 2022

Laura Oakes
EA Engineering
225 Schilling Circle, STE 400
Hunt Valley, MD 21031
RE: GUDE LANDFILL

Enclosed are the results of analyses for samples received by the laboratory on 03/28/22 16:04.

Please visit our website at www.mdspectral.com for a complete listing of our accreditations.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Will Brewington
President

1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/13/22 17:16

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-23 A		2032816-01	Nonpotable Water	03/28/22 09:36	03/28/22 16:04
MW-23 B		2032816-02	Nonpotable Water	03/28/22 10:23	03/28/22 16:04
MW-22 B		2032816-03	Nonpotable Water	03/28/22 11:25	03/28/22 16:04
MW-22 A		2032816-04	Nonpotable Water	03/28/22 12:05	03/28/22 16:04
MW-1B		2032816-05	Nonpotable Water	03/28/22 13:00	03/28/22 16:04
MW-19 B		2032816-06	Nonpotable Water	03/28/22 13:50	03/28/22 16:04
MW-19 A		2032816-07	Nonpotable Water	03/28/22 14:30	03/28/22 16:04
ST-015		2032816-08	Nonpotable Water	03/28/22 13:30	03/28/22 16:04
TRIP BLANK		2032816-09	Nonpotable Water	03/28/22 13:30	03/28/22 16:04



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-23 A

2032816-01 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.60	O-07	pH Units			1	03/28/22	03/28/22 20:30	VVD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	22.3		NTU	0.500	0.110	1	03/29/22	03/29/22 13:38	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 18:34	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 18:34	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Benzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Bromoform	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Bromomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 18:34	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Chloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Chloroform	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Chloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Chloroprene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-23 A

2032816-01 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 18:34	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 18:34	LL
Isobutanol	ND		ug/L	100	100	1	03/30/22	03/30/22 18:34	LL
Iodomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 18:34	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 18:34	LL
Styrene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Toluene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
o-Xylene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:34	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	115 %	03/30/22		03/30/22 18:34		
Surrogate: Toluene-d8			75-120	99 %	03/30/22		03/30/22 18:34		
Surrogate: 4-Bromofluorobenzene			75-120	95 %	03/30/22		03/30/22 18:34		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-23 A

2032816-01 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/05/22	04/06/22 03:00	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/06/22 03:00	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	139000		ug/L	500	500	1	04/04/22	04/04/22 18:34	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:34	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:34	VVD
Barium	21.1		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:34	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:34	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:34	VVD
Calcium	22100		ug/L	80.0	80.0	1	04/04/22	04/04/22 18:34	VVD
Chromium	6.99		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:34	VVD
Cobalt	2.77		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:34	VVD
Copper	13.7		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:34	VVD
Iron	3690		ug/L	100	5.00	1	04/04/22	04/04/22 18:34	VVD
Lead	1.98		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:34	VVD
Magnesium	20300		ug/L	100	100	1	04/04/22	04/04/22 18:34	VVD
Manganese	215		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:34	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/04/22	04/04/22 18:34	VVD
Nickel	9.52		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:34	VVD
Potassium	5020	B	ug/L	100	100	1	04/04/22	04/04/22 18:34	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:34	VVD
Silver	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:34	VVD
Sodium	13000		ug/L	100	100	1	04/04/22	04/04/22 18:34	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:34	VVD
Vanadium	1.87		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:34	VVD
Zinc	80.4		ug/L	4.00	4.00	1	04/04/22	04/04/22 18:34	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-23 A

2032816-01 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.08		mg/L	0.02	0.02	1	04/13/22	04/13/22 16:15	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	12.2		mg/L	3.0	3.0	1	03/29/22	03/29/22 16:01	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	369.5		uS/cm			1	04/04/22	04/04/22 17:58	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	92.1		mg/L	0.500	0.500	1	03/29/22	03/29/22 15:09	CRP
Nitrate	0.775		mg/L	0.050	0.050	1	03/29/22	03/29/22 15:09	CRP
Nitrate (as N)	0.175		mg/L	0.011	0.011	1	03/29/22	03/29/22 15:09	CRP
Sulfate	7.8		mg/L	0.3	0.3	1	03/29/22	03/29/22 15:09	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	92.3		mg/L	8.3	8.3	1	03/31/22	04/01/22 13:04	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	221		mg/L	10.0	10.0	1	04/01/22	04/04/22 17:35	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	67.2		mg/L	5.0	5.0	1	04/01/22	04/01/22 13:49	MCD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-23 B

2032816-02 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	5.38	O-07	pH Units			1	03/28/22	03/28/22 20:30	VVD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	272		NTU	5.00	1.10	10	03/29/22	03/29/22 15:38	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 18:59	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 18:59	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Benzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Bromoform	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Bromomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 18:59	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Chloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Chloroform	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Chloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Chloroprene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
cis-1,2-Dichloroethene	3.2		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-23 B

2032816-02 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 18:59	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 18:59	LL
Isobutanol	ND		ug/L	100	100	1	03/30/22	03/30/22 18:59	LL
Iodomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 18:59	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 18:59	LL
Styrene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Tetrachloroethene	1.8		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Toluene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
o-Xylene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 18:59	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	117 %			03/30/22	03/30/22 18:59	
Surrogate: Toluene-d8			75-120	99 %			03/30/22	03/30/22 18:59	
Surrogate: 4-Bromofluorobenzene			75-120	93 %			03/30/22	03/30/22 18:59	

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-23 B

2032816-02 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/05/22	04/06/22 03:15	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/06/22 03:15	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	123000		ug/L	500	500	1	04/04/22	04/04/22 18:36	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:36	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:36	VVD
Barium	196		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:36	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:36	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:36	VVD
Calcium	17600		ug/L	80.0	80.0	1	04/04/22	04/04/22 18:36	VVD
Chromium	8.14		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:36	VVD
Cobalt	5.76		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:36	VVD
Copper	7.98		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:36	VVD
Iron	1200		ug/L	100	5.00	1	04/04/22	04/04/22 18:36	VVD
Lead	4.58		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:36	VVD
Magnesium	19300		ug/L	100	100	1	04/04/22	04/04/22 18:36	VVD
Manganese	152		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:36	VVD
Mercury	0.578		ug/L	0.100	0.100	1	04/04/22	04/04/22 18:36	VVD
Nickel	8.77		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:36	VVD
Potassium	3870	B	ug/L	100	100	1	04/04/22	04/04/22 18:36	VVD
Selenium	2.27		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:36	VVD
Silver	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:36	VVD
Sodium	29300		ug/L	100	100	1	04/04/22	04/04/22 18:36	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:36	VVD
Vanadium	3.48		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:36	VVD
Zinc	71.5		ug/L	4.00	4.00	1	04/04/22	04/04/22 18:36	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-23 B

**2032816-02 (Nonpotable Water)
Sample Date: 03/28/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.02		mg/L	0.02	0.02	1	04/13/22	04/13/22 16:16	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	03/29/22	03/29/22 16:01	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	418		uS/cm			1	04/04/22	04/04/22 17:58	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	95.5		mg/L	0.500	0.500	1	03/29/22	03/29/22 15:27	CRP
Nitrate	14.5		mg/L	0.050	0.050	1	03/29/22	03/29/22 15:27	CRP
Nitrate (as N)	3.27		mg/L	0.011	0.011	1	03/29/22	03/29/22 15:27	CRP
Sulfate	3.8		mg/L	0.3	0.3	1	03/29/22	03/29/22 15:27	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	646		mg/L	10.0	10.0	1	03/31/22	04/01/22 13:04	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	224		mg/L	10.0	10.0	1	04/01/22	04/04/22 17:35	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	35.1		mg/L	5.0	5.0	1	04/01/22	04/01/22 13:58	MCD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-22 B

2032816-03 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.96	O-07	pH Units			1	03/28/22	03/28/22 20:30	VVD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	42.6		NTU	2.50	0.550	5	03/29/22	03/29/22 16:20	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 19:23	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 19:23	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Benzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Bromoform	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Bromomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 19:23	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Chloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Chloroform	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Chloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Chloroprene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
cis-1,2-Dichloroethene	3.4		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-22 B

2032816-03 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 19:23	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 19:23	LL
Isobutanol	ND		ug/L	100	100	1	03/30/22	03/30/22 19:23	LL
Iodomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 19:23	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 19:23	LL
Styrene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Toluene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
o-Xylene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:23	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	114 %	03/30/22		03/30/22 19:23		
Surrogate: Toluene-d8			75-120	99 %	03/30/22		03/30/22 19:23		
Surrogate: 4-Bromofluorobenzene			75-120	95 %	03/30/22		03/30/22 19:23		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-22 B

2032816-03 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/05/22	04/06/22 03:31	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/06/22 03:31	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	360000		ug/L	500	500	1	04/04/22	04/04/22 18:38	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:38	VVD
Arsenic	9.60		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:38	VVD
Barium	32.9		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:38	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:38	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:38	VVD
Calcium	99400		ug/L	800	800	10	04/04/22	04/04/22 21:34	VVD
Chromium	10.7		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:38	VVD
Cobalt	3.60		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:38	VVD
Copper	2.76		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:38	VVD
Iron	3920		ug/L	100	5.00	1	04/04/22	04/04/22 18:38	VVD
Lead	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:38	VVD
Magnesium	26200		ug/L	100	100	1	04/04/22	04/04/22 18:38	VVD
Manganese	493		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:38	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/04/22	04/04/22 18:38	VVD
Nickel	9.42		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:38	VVD
Potassium	7360	B	ug/L	100	100	1	04/04/22	04/04/22 18:38	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:38	VVD
Silver	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:38	VVD
Sodium	44400		ug/L	100	100	1	04/04/22	04/04/22 18:38	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:38	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:38	VVD
Zinc	10.9		ug/L	4.00	4.00	1	04/04/22	04/04/22 18:38	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-22 B

2032816-03 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.03		mg/L	0.02	0.02	1	04/13/22	04/13/22 16:16	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	7.4		mg/L	3.0	3.0	1	03/29/22	03/29/22 16:02	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	925.9		uS/cm			1	04/04/22	04/04/22 17:58	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	119		mg/L	0.500	0.500	1	03/29/22	03/29/22 15:46	CRP
Nitrate	ND		mg/L	0.050	0.050	1	03/29/22	03/29/22 15:46	CRP
Nitrate (as N)	ND		mg/L	0.011	0.011	1	03/29/22	03/29/22 15:46	CRP
Sulfate	28.0		mg/L	0.3	0.3	1	03/29/22	03/29/22 15:46	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	23.5		mg/L	9.6	9.6	1	03/31/22	04/01/22 13:04	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	514		mg/L	10.0	10.0	1	04/01/22	04/04/22 17:35	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	274		mg/L	5.0	5.0	1	04/01/22	04/01/22 14:04	MCD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-22 A

2032816-04 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.61	O-07	pH Units			1	03/28/22	03/28/22 20:30	VVD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	38.3		NTU	2.50	0.550	5	03/29/22	03/29/22 16:24	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 19:47	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 19:47	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Benzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Bromoform	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Bromomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 19:47	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Chloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Chloroform	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Chloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Chloroprene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
cis-1,2-Dichloroethene	6.0		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-22 A

2032816-04 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 19:47	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 19:47	LL
Isobutanol	ND		ug/L	100	100	1	03/30/22	03/30/22 19:47	LL
Iodomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 19:47	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 19:47	LL
Styrene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Toluene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Trichloroethene	4.2		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
o-Xylene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 19:47	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	115 %			03/30/22	03/30/22 19:47	
Surrogate: Toluene-d8			75-120	99 %			03/30/22	03/30/22 19:47	
Surrogate: 4-Bromofluorobenzene			75-120	96 %			03/30/22	03/30/22 19:47	

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-22 A

2032816-04 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/05/22	04/06/22 03:47	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/06/22 03:47	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	462000		ug/L	500	500	1	04/04/22	04/04/22 18:41	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:41	VVD
Arsenic	1.89		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:41	VVD
Barium	35.1		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:41	VVD
Beryllium	1.08		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:41	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:41	VVD
Calcium	124000		ug/L	800	800	10	04/04/22	04/04/22 21:36	VVD
Chromium	9.21		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:41	VVD
Cobalt	3.60		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:41	VVD
Copper	15.9		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:41	VVD
Iron	14900		ug/L	100	5.00	1	04/04/22	04/04/22 18:41	VVD
Lead	10.8		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:41	VVD
Magnesium	36200		ug/L	100	100	1	04/04/22	04/04/22 18:41	VVD
Manganese	1270		ug/L	10.0	10.0	10	04/04/22	04/04/22 21:36	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/04/22	04/04/22 18:41	VVD
Nickel	7.97		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:41	VVD
Potassium	5380	B	ug/L	100	100	1	04/04/22	04/04/22 18:41	VVD
Selenium	2.56		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:41	VVD
Silver	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:41	VVD
Sodium	73000		ug/L	100	100	1	04/04/22	04/04/22 18:41	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:41	VVD
Vanadium	4.97		ug/L	1.00	1.00	1	04/04/22	04/04/22 18:41	VVD
Zinc	14.0		ug/L	4.00	4.00	1	04/04/22	04/04/22 18:41	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-22 A

2032816-04 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.11		mg/L	0.02	0.02	1	04/13/22	04/13/22 16:17	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	6.3		mg/L	3.0	3.0	1	03/29/22	03/29/22 16:02	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	1211		uS/cm			1	04/04/22	04/04/22 17:58	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	153		mg/L	0.500	0.500	1	03/29/22	03/29/22 16:04	CRP
Nitrate	ND		mg/L	0.050	0.050	1	03/29/22	03/29/22 16:04	CRP
Nitrate (as N)	ND		mg/L	0.011	0.011	1	03/29/22	03/29/22 16:04	CRP
Sulfate	37.2		mg/L	0.3	0.3	1	03/29/22	03/29/22 16:04	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	1060		mg/L	9.6	9.6	1	03/31/22	04/01/22 13:04	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	670		mg/L	10.0	10.0	1	04/01/22	04/04/22 17:35	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	374		mg/L	5.0	5.0	1	04/01/22	04/01/22 14:11	MCD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-1B

2032816-05 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.23	O-07	pH Units			1	03/28/22	03/28/22 20:30	VVD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	35.0		NTU	0.500	0.110	1	03/29/22	03/29/22 13:45	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 20:12	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 20:12	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Benzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Bromoform	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Bromomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 20:12	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Chloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Chloroform	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Chloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Chloroprene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-1B

2032816-05 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 20:12	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 20:12	LL
Isobutanol	ND		ug/L	100	100	1	03/30/22	03/30/22 20:12	LL
Iodomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 20:12	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 20:12	LL
Styrene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Toluene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
o-Xylene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:12	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	115 %	03/30/22		03/30/22 20:12		
Surrogate: Toluene-d8			75-120	99 %	03/30/22		03/30/22 20:12		
Surrogate: 4-Bromofluorobenzene			75-120	95 %	03/30/22		03/30/22 20:12		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-1B

2032816-05 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/05/22	04/06/22 04:03	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/06/22 04:03	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	37000		ug/L	500	500	1	04/04/22	04/04/22 19:38	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:38	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:38	VVD
Barium	4.02		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:38	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:38	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:38	VVD
Calcium	8210		ug/L	80.0	80.0	1	04/04/22	04/04/22 19:38	VVD
Chromium	20.0		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:38	VVD
Cobalt	2.28		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:38	VVD
Copper	6.21		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:38	VVD
Iron	872		ug/L	100	5.00	1	04/04/22	04/04/22 19:38	VVD
Lead	1.64		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:38	VVD
Magnesium	4010		ug/L	100	100	1	04/04/22	04/04/22 19:38	VVD
Manganese	66.0		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:38	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/04/22	04/04/22 19:38	VVD
Nickel	20.1		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:38	VVD
Potassium	2390	B	ug/L	100	100	1	04/04/22	04/04/22 19:38	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:38	VVD
Silver	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:38	VVD
Sodium	7580		ug/L	100	100	1	04/04/22	04/04/22 19:38	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:38	VVD
Vanadium	1.83		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:38	VVD
Zinc	10.6		ug/L	4.00	4.00	1	04/04/22	04/04/22 19:38	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-1B

2032816-05 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.02		mg/L	0.02	0.02	1	04/13/22	04/13/22 16:17	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	03/29/22	03/29/22 16:03	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	96.27		uS/cm			1	04/04/22	04/04/22 17:58	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	2.29		mg/L	0.500	0.500	1	03/29/22	03/29/22 16:23	CRP
Nitrate	0.782		mg/L	0.050	0.050	1	03/29/22	03/29/22 16:23	CRP
Nitrate (as N)	0.177		mg/L	0.011	0.011	1	03/29/22	03/29/22 16:23	CRP
Sulfate	ND		mg/L	0.3	0.3	1	03/29/22	03/29/22 16:23	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	114		mg/L	9.3	9.3	1	03/31/22	04/01/22 13:04	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	71.3		mg/L	10.0	10.0	1	04/01/22	04/04/22 17:35	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	50.6		mg/L	5.0	5.0	1	04/01/22	04/01/22 14:15	MCD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-19 B

2032816-06 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.06	O-07	pH Units			1	03/28/22	03/28/22 20:30	VVD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	12.6		NTU	0.500	0.110	1	03/29/22	03/29/22 13:48	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 20:36	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 20:36	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Benzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Bromoform	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Bromomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 20:36	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Chloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Chloroform	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Chloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Chloroprene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
1,1-Dichloroethane	4.9		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
cis-1,2-Dichloroethene	15.8		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-19 B

2032816-06 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 20:36	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 20:36	LL
Isobutanol	ND		ug/L	100	100	1	03/30/22	03/30/22 20:36	LL
Iodomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 20:36	LL
Methylene chloride	1.0	L	ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 20:36	LL
Styrene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Tetrachloroethene	2.0		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Toluene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Trichloroethene	4.3		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Vinyl chloride	1.0		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
o-Xylene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 20:36	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	115 %	03/30/22		03/30/22 20:36		
Surrogate: Toluene-d8			75-120	99 %	03/30/22		03/30/22 20:36		
Surrogate: 4-Bromofluorobenzene			75-120	94 %	03/30/22		03/30/22 20:36		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-19 B

2032816-06 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/05/22	04/06/22 04:18	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/06/22 04:18	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	379000		ug/L	500	500	1	04/04/22	04/04/22 19:41	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:41	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:41	VVD
Barium	37.8		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:41	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:41	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:41	VVD
Calcium	86800		ug/L	80.0	80.0	1	04/04/22	04/04/22 19:41	VVD
Chromium	1.36		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:41	VVD
Cobalt	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:41	VVD
Copper	2.65		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:41	VVD
Iron	191		ug/L	100	5.00	1	04/04/22	04/04/22 19:41	VVD
Lead	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:41	VVD
Magnesium	39500		ug/L	100	100	1	04/04/22	04/04/22 19:41	VVD
Manganese	35.3		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:41	VVD
Mercury	0.414		ug/L	0.100	0.100	1	04/04/22	04/04/22 19:41	VVD
Nickel	5.64		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:41	VVD
Potassium	3630	B	ug/L	100	100	1	04/04/22	04/04/22 19:41	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:41	VVD
Silver	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:41	VVD
Sodium	24900		ug/L	100	100	1	04/04/22	04/04/22 19:41	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:41	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:41	VVD
Zinc	6.10		ug/L	4.00	4.00	1	04/04/22	04/04/22 19:41	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-19 B

2032816-06 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	ND		mg/L	0.02	0.02	1	04/13/22	04/13/22 16:18	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	03/29/22	03/29/22 16:04	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	992.6		uS/cm			1	04/04/22	04/04/22 17:58	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	230		mg/L	0.500	0.500	1	03/29/22	03/29/22 16:41	CRP
Nitrate	5.85		mg/L	0.050	0.050	1	03/29/22	03/29/22 16:41	CRP
Nitrate (as N)	1.32		mg/L	0.011	0.011	1	03/29/22	03/29/22 16:41	CRP
Sulfate	10.8		mg/L	0.3	0.3	1	03/29/22	03/29/22 16:41	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	ND		mg/L	10.0	10.0	1	03/31/22	04/01/22 13:04	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	513		mg/L	10.0	10.0	1	04/01/22	04/04/22 17:35	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	109		mg/L	5.0	5.0	1	04/01/22	04/01/22 14:21	MCD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-19 A

2032816-07 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	2.71	O-07	pH Units			1	03/28/22	03/28/22 20:30	VVD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	35.6		NTU	0.500	0.110	1	03/29/22	03/29/22 13:51	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:00	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:00	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Benzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Bromoform	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Bromomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:00	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Chloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Chloroform	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Chloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Chloroprene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
1,1-Dichloroethane	3.0		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
cis-1,2-Dichloroethene	7.8		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-19 A

2032816-07 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:00	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:00	LL
Isobutanol	ND		ug/L	100	100	1	03/30/22	03/30/22 21:00	LL
Iodomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:00	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:00	LL
Styrene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Tetrachloroethene	1.9		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Toluene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Trichloroethene	2.6		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Trichlorofluoromethane (Freon 11)	1.1		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
o-Xylene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:00	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	117 %			03/30/22	03/30/22 21:00	
Surrogate: Toluene-d8			75-120	99 %			03/30/22	03/30/22 21:00	
Surrogate: 4-Bromofluorobenzene			75-120	96 %			03/30/22	03/30/22 21:00	

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-19 A

2032816-07 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/05/22	04/06/22 04:34	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/06/22 04:34	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	306000		ug/L	500	500	1	04/04/22	04/04/22 19:43	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:43	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:43	VVD
Barium	122		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:43	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:43	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:43	VVD
Calcium	54600		ug/L	80.0	80.0	1	04/04/22	04/04/22 19:43	VVD
Chromium	1.77		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:43	VVD
Cobalt	16.0		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:43	VVD
Copper	7.69		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:43	VVD
Iron	753		ug/L	100	5.00	1	04/04/22	04/04/22 19:43	VVD
Lead	1.99		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:43	VVD
Magnesium	41200		ug/L	100	100	1	04/04/22	04/04/22 19:43	VVD
Manganese	1750		ug/L	10.0	10.0	10	04/04/22	04/04/22 21:43	VVD
Mercury	0.408		ug/L	0.100	0.100	1	04/04/22	04/04/22 19:43	VVD
Nickel	10.6		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:43	VVD
Potassium	4510	B	ug/L	100	100	1	04/04/22	04/04/22 19:43	VVD
Selenium	1.33		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:43	VVD
Silver	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:43	VVD
Sodium	83000		ug/L	100	100	1	04/04/22	04/04/22 19:43	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:43	VVD
Vanadium	1.58		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:43	VVD
Zinc	34.0		ug/L	4.00	4.00	1	04/04/22	04/04/22 19:43	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

MW-19 A

2032816-07 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.08		mg/L	0.02	0.02	1	04/13/22	04/13/22 16:18	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	03/29/22	03/29/22 16:04	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	2082		uS/cm			1	04/04/22	04/04/22 17:58	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	295		mg/L	0.500	0.500	1	03/29/22	03/29/22 17:37	CRP
Nitrate	8.70		mg/L	0.050	0.050	1	03/29/22	03/29/22 17:37	CRP
Nitrate (as N)	1.97		mg/L	0.011	0.011	1	03/29/22	03/29/22 17:37	CRP
Sulfate	12.9		mg/L	0.3	0.3	1	03/29/22	03/29/22 17:37	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	513		mg/L	10.0	10.0	1	03/31/22	04/01/22 13:04	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	578		mg/L	10.0	10.0	1	04/01/22	04/04/22 17:35	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	59.8		mg/L	5.0	5.0	1	04/01/22	04/01/22 14:25	MCD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

ST-015

2032816-08 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	7.35	O-07	pH Units			1	03/28/22	03/28/22 20:30	VVD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	4.30		NTU	0.500	0.110	1	03/29/22	03/29/22 13:55	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:25	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:25	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Benzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Bromoform	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Bromomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:25	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Chloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Chloroform	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Chloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Chloroprene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

ST-015

2032816-08 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:25	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:25	LL
Isobutanol	ND		ug/L	100	100	1	03/30/22	03/30/22 21:25	LL
Iodomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:25	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:25	LL
Styrene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Toluene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Trichloroethene	1.7		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
o-Xylene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:25	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	116 %			03/30/22	03/30/22 21:25	
Surrogate: Toluene-d8			75-120	99 %			03/30/22	03/30/22 21:25	
Surrogate: 4-Bromofluorobenzene			75-120	94 %			03/30/22	03/30/22 21:25	

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

ST-015

**2032816-08 (Nonpotable Water)
Sample Date: 03/28/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/05/22	04/06/22 04:49	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/06/22 04:49	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	143000		ug/L	500	500	1	04/04/22	04/04/22 19:46	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:46	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:46	VVD
Barium	68.9		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:46	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:46	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:46	VVD
Calcium	30200		ug/L	80.0	80.0	1	04/04/22	04/04/22 19:46	VVD
Chromium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:46	VVD
Cobalt	1.46		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:46	VVD
Copper	1.82		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:46	VVD
Iron	428		ug/L	100	5.00	1	04/04/22	04/04/22 19:46	VVD
Lead	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:46	VVD
Magnesium	16400		ug/L	100	100	1	04/04/22	04/04/22 19:46	VVD
Manganese	176		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:46	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/04/22	04/04/22 19:46	VVD
Nickel	10.7		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:46	VVD
Potassium	1960	B	ug/L	100	100	1	04/04/22	04/04/22 19:46	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:46	VVD
Silver	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:46	VVD
Sodium	38500		ug/L	100	100	1	04/04/22	04/04/22 19:46	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:46	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/04/22	04/04/22 19:46	VVD
Zinc	18.4		ug/L	4.00	4.00	1	04/04/22	04/04/22 19:46	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

ST-015

**2032816-08 (Nonpotable Water)
Sample Date: 03/28/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.08		mg/L	0.02	0.02	1	04/13/22	04/13/22 16:19	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	03/29/22	03/29/22 16:05	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	517.2		uS/cm			1	04/04/22	04/04/22 17:58	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	105		mg/L	0.500	0.500	1	03/29/22	03/29/22 17:55	CRP
Nitrate	6.90		mg/L	0.050	0.050	1	03/29/22	03/29/22 17:55	CRP
Nitrate (as N)	1.56		mg/L	0.011	0.011	1	03/29/22	03/29/22 17:55	CRP
Sulfate	12.4		mg/L	0.3	0.3	1	03/29/22	03/29/22 17:55	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	13.6		mg/L	10.0	10.0	1	03/31/22	04/01/22 13:04	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	275		mg/L	10.0	10.0	1	04/01/22	04/04/22 17:35	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	67.3		mg/L	5.0	5.0	1	04/01/22	04/01/22 14:31	MCD

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

TRIP BLANK

2032816-09 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:49	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:49	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Benzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Bromoform	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Bromomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:49	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Chloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Chloroform	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Chloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Chloroprene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

TRIP BLANK

2032816-09 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:49	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:49	LL
Isobutanol	ND		ug/L	100	100	1	03/30/22	03/30/22 21:49	LL
Iodomethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:49	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	03/30/22	03/30/22 21:49	LL
Styrene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Toluene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
o-Xylene	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	03/30/22	03/30/22 21:49	LL
Surrogate: 1,2-Dichloroethane-d4		70-130		115 %			03/30/22	03/30/22 21:49	
Surrogate: Toluene-d8		75-120		100 %			03/30/22	03/30/22 21:49	
Surrogate: 4-Bromofluorobenzene		75-120		94 %			03/30/22	03/30/22 21:49	

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Will Brewington, President

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

TRIP BLANK

2032816-09 (Nonpotable Water)
Sample Date: 03/28/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/05/22	04/06/22 05:05	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/06/22 05:05	EH

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Will Brewington, President

1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/13/22 17:16

pH measurement by EPA 9040C / SM 4500-H+ B-2011 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B203523 - pH (Paper or Meter)

Reference (B203523-SRM1)

Prepared & Analyzed: 03/28/22

pH	7.03			pH Units	7.003		100	99.93-100.07		
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Will Brewington, President

1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/13/22 17:16

Turbidity by EPA 180.1 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B203533 - Turbidity Prep

Blank (B203533-BLK1)

Prepared & Analyzed: 03/29/22

Turbidity	ND		0.500	NTU						
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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B203556 - GCMS-WATER-VOLATILES

Blank (B203556-BLK1)

Prepared & Analyzed: 03/30/22

Acetone	ND		5.0	ug/L						
Acrylonitrile	ND		5.0	ug/L						
Allyl chloride (3-Chloropropylene)	ND		1.0	ug/L						
Benzene	ND		1.0	ug/L						
Bromochloromethane	ND		1.0	ug/L						
Bromodichloromethane	ND		1.0	ug/L						
Bromoform	ND		1.0	ug/L						
Bromomethane	ND		1.0	ug/L						
2-Butanone (MEK)	ND		5.0	ug/L						
Carbon disulfide	ND		1.0	ug/L						
Carbon tetrachloride	ND		1.0	ug/L						
Chlorobenzene	ND		1.0	ug/L						
Chloroethane	ND		1.0	ug/L						
Chloroform	ND		1.0	ug/L						
Chloromethane	ND		1.0	ug/L						
Chloroprene	ND		1.0	ug/L						
Dibromochloromethane	ND		1.0	ug/L						
1,2-Dibromo-3-chloropropane	ND		1.0	ug/L						
1,2-Dibromoethane (EDB)	ND		1.0	ug/L						
Dibromomethane	ND		1.0	ug/L						
1,2-Dichlorobenzene	ND		1.0	ug/L						
1,4-Dichlorobenzene	ND		1.0	ug/L						
trans-1,4-Dichloro-2-butene	ND		1.0	ug/L						
1,1-Dichloroethane	ND		1.0	ug/L						
1,2-Dichloroethane	ND		1.0	ug/L						
1,1-Dichloroethene	ND		1.0	ug/L						
cis-1,2-Dichloroethene	ND		1.0	ug/L						
trans-1,2-Dichloroethene	ND		1.0	ug/L						
1,2-Dichloropropane	ND		1.0	ug/L						
1,3-Dichloropropane	ND		1.0	ug/L						
2,2-Dichloropropane	ND		1.0	ug/L						

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B203556 - GCMS-WATER-VOLATILES

Blank (B203556-BLK1)

Prepared & Analyzed: 03/30/22

1,1-Dichloropropene	ND		1.0	ug/L						
cis-1,3-Dichloropropene	ND		1.0	ug/L						
trans-1,3-Dichloropropene	ND		1.0	ug/L						
Ethyl methacrylate	ND		5.0	ug/L						
Ethylbenzene	ND		1.0	ug/L						
2-Hexanone	ND		5.0	ug/L						
Isobutanol	ND		100	ug/L						
Iodomethane	ND		1.0	ug/L						
Methyl tert-butyl ether (MTBE)	ND		1.0	ug/L						
4-Methyl-2-pentanone	ND		5.0	ug/L						
Methylene chloride	ND		1.0	ug/L						
Methyl methacrylate	ND		5.0	ug/L						
Styrene	ND		1.0	ug/L						
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L						
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L						
Tetrachloroethene	ND		1.0	ug/L						
Toluene	ND		1.0	ug/L						
1,1,1-Trichloroethane	ND		1.0	ug/L						
1,1,2-Trichloroethane	ND		1.0	ug/L						
Trichloroethene	ND		1.0	ug/L						
Trichlorofluoromethane (Freon 11)	ND		1.0	ug/L						
1,2,3-Trichloropropane	ND		1.0	ug/L						
Vinyl acetate	ND		1.0	ug/L						
Vinyl chloride	ND		1.0	ug/L						
o-Xylene	ND		1.0	ug/L						
m- & p-Xylenes	ND		1.0	ug/L						
Surrogate: 1,2-Dichloroethane-d4	54.52			ug/L	50.00		109	80-120		
Surrogate: Toluene-d8	49.80			ug/L	50.00		100	88-110		
Surrogate: 4-Bromofluorobenzene	47.82			ug/L	50.00		96	86-115		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B203556 - GCMS-WATER-VOLATILES

LCS (B203556-BS1)

Prepared & Analyzed: 03/30/22

Acetone	11.0		5.0	ug/L	10.00		110	50-150		
Acrylonitrile	5.3		5.0	ug/L	5.000		106	50-150		
Benzene	5.7		1.0	ug/L	5.000		114	50-150		
Bromochloromethane	5.5		1.0	ug/L	5.000		110	50-150		
Bromodichloromethane	5.3		1.0	ug/L	5.000		105	50-150		
Bromoform	5.1		1.0	ug/L	5.000		103	50-150		
Bromomethane	5.7		1.0	ug/L	5.000		113	50-150		
2-Butanone (MEK)	10.3		5.0	ug/L	10.00		103	50-150		
Carbon disulfide	5.7		1.0	ug/L	5.000		113	50-150		
Carbon tetrachloride	5.2		1.0	ug/L	5.000		104	50-150		
Chlorobenzene	5.3		1.0	ug/L	5.000		105	50-150		
Chloroethane	5.8		1.0	ug/L	5.000		115	50-150		
Chloroform	5.4		1.0	ug/L	5.000		108	50-150		
Chloromethane	5.4		1.0	ug/L	5.000		107	50-150		
Dibromochloromethane	5.2		1.0	ug/L	5.000		104	50-150		
1,2-Dibromo-3-chloropropane	5.2		1.0	ug/L	5.000		104	50-150		
1,2-Dibromoethane (EDB)	5.2		1.0	ug/L	5.000		103	50-150		
Dibromomethane	5.8		1.0	ug/L	5.000		115	50-150		
1,2-Dichlorobenzene	5.4		1.0	ug/L	5.000		108	50-150		
1,4-Dichlorobenzene	5.6		1.0	ug/L	5.000		112	50-150		
1,1-Dichloroethane	5.4		1.0	ug/L	5.000		109	50-150		
1,2-Dichloroethane	5.2		1.0	ug/L	5.000		104	50-150		
1,1-Dichloroethene	5.6		1.0	ug/L	5.000		113	50-150		
cis-1,2-Dichloroethene	5.3		1.0	ug/L	5.000		106	50-150		
trans-1,2-Dichloroethene	5.7		1.0	ug/L	5.000		113	50-150		
1,2-Dichloropropane	5.4		1.0	ug/L	5.000		109	50-150		
1,3-Dichloropropane	5.3		1.0	ug/L	5.000		105	50-150		
2,2-Dichloropropane	4.3		1.0	ug/L	5.000		87	50-150		
1,1-Dichloropropene	5.3		1.0	ug/L	5.000		106	50-150		
cis-1,3-Dichloropropene	5.1		1.0	ug/L	5.000		101	50-150		
trans-1,3-Dichloropropene	4.7		1.0	ug/L	5.000		93	50-150		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B203556 - GCMS-WATER-VOLATILES

LCS (B203556-BS1)

Prepared & Analyzed: 03/30/22

Ethylbenzene	5.5		1.0	ug/L	5.000		110	50-150		
2-Hexanone	10.9		5.0	ug/L	10.00		109	50-150		
Methyl tert-butyl ether (MTBE)	5.0		1.0	ug/L	5.000		99	50-150		
4-Methyl-2-pentanone	11.0		5.0	ug/L	10.00		110	50-150		
Methylene chloride	6.1		1.0	ug/L	5.000		123	0-200		
Methyl methacrylate	5.4		5.0	ug/L	5.000		108	50-150		
Styrene	5.1		1.0	ug/L	5.000		101	50-150		
1,1,1,2-Tetrachloroethane	5.1		1.0	ug/L	5.000		102	50-150		
1,1,2,2-Tetrachloroethane	5.5		1.0	ug/L	5.000		109	50-150		
Tetrachloroethene	5.2		1.0	ug/L	5.000		103	50-150		
Toluene	5.5		1.0	ug/L	5.000		109	50-150		
1,1,1-Trichloroethane	4.9		1.0	ug/L	5.000		97	50-150		
1,1,2-Trichloroethane	5.2		1.0	ug/L	5.000		104	50-150		
Trichloroethene	5.1		1.0	ug/L	5.000		101	50-150		
Trichlorofluoromethane (Freon 11)	5.3		1.0	ug/L	5.000		106	50-150		
1,2,3-Trichloropropane	5.5		1.0	ug/L	5.000		109	50-150		
Vinyl acetate	3.4		1.0	ug/L	5.000		67	50-150		
Vinyl chloride	5.5		1.0	ug/L	5.000		111	50-150		
o-Xylene	5.3		1.0	ug/L	5.000		105	50-150		
m- & p-Xylenes	10.5		1.0	ug/L	10.00		105	50-150		
Surrogate: 1,2-Dichloroethane-d4	52.17			ug/L	50.00		104	80-120		
Surrogate: Toluene-d8	49.83			ug/L	50.00		100	88-110		
Surrogate: 4-Bromofluorobenzene	50.93			ug/L	50.00		102	86-115		

Duplicate (B203556-DUP1)

Source: 2032809-01

Prepared & Analyzed: 03/30/22

Acetone	ND		5.0	ug/L		ND				20
Acrylonitrile	ND		5.0	ug/L		ND				15
Allyl chloride (3-Chloropropylene)	ND		1.0	ug/L		ND				20
Benzene	ND		1.0	ug/L		ND				20
Bromochloromethane	ND		1.0	ug/L		ND				20
Bromodichloromethane	ND		1.0	ug/L		ND				20
Bromoform	ND		1.0	ug/L		ND				20

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B203556 - GCMS-WATER-VOLATILES

Duplicate (B203556-DUP1)	Source: 2032809-01	Prepared & Analyzed: 03/30/22		
Bromomethane	ND	1.0 ug/L	ND	20
2-Butanone (MEK)	ND	5.0 ug/L	ND	20
Carbon disulfide	ND	1.0 ug/L	ND	20
Carbon tetrachloride	ND	1.0 ug/L	ND	20
Chlorobenzene	ND	1.0 ug/L	ND	20
Chloroethane	ND	1.0 ug/L	ND	20
Chloroform	ND	1.0 ug/L	ND	20
Chloromethane	ND	1.0 ug/L	ND	20
Chloroprene	ND	1.0 ug/L	ND	20
Dibromochloromethane	ND	1.0 ug/L	ND	20
1,2-Dibromo-3-chloropropane	ND	1.0 ug/L	ND	20
1,2-Dibromoethane (EDB)	ND	1.0 ug/L	ND	20
Dibromomethane	ND	1.0 ug/L	ND	20
1,2-Dichlorobenzene	ND	1.0 ug/L	ND	20
1,4-Dichlorobenzene	ND	1.0 ug/L	ND	20
trans-1,4-Dichloro-2-butene	ND	1.0 ug/L	ND	20
1,1-Dichloroethane	ND	1.0 ug/L	ND	20
1,2-Dichloroethane	ND	1.0 ug/L	ND	20
1,1-Dichloroethene	ND	1.0 ug/L	ND	20
cis-1,2-Dichloroethene	ND	1.0 ug/L	ND	20
trans-1,2-Dichloroethene	ND	1.0 ug/L	ND	20
1,2-Dichloropropane	ND	1.0 ug/L	ND	20
1,3-Dichloropropane	ND	1.0 ug/L	ND	20
2,2-Dichloropropane	ND	1.0 ug/L	ND	20
1,1-Dichloropropene	ND	1.0 ug/L	ND	20
cis-1,3-Dichloropropene	ND	1.0 ug/L	ND	20
trans-1,3-Dichloropropene	ND	1.0 ug/L	ND	20
Ethyl methacrylate	ND	5.0 ug/L	ND	20
Ethylbenzene	ND	1.0 ug/L	ND	20
2-Hexanone	ND	5.0 ug/L	ND	20
Isobutanol	ND	100 ug/L	ND	20

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B203556 - GCMS-WATER-VOLATILES

Duplicate (B203556-DUP1)		Source: 2032809-01			Prepared & Analyzed: 03/30/22		
Iodomethane	ND		1.0	ug/L	ND		20
Methyl tert-butyl ether (MTBE)	4.0		1.0	ug/L	3.1	23	20
4-Methyl-2-pentanone	ND		5.0	ug/L	ND		20
Methylene chloride	ND		1.0	ug/L	ND		20
Methyl methacrylate	ND		5.0	ug/L	ND		20
Styrene	ND		1.0	ug/L	ND		20
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	ND		20
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	ND		20
Tetrachloroethene	ND		1.0	ug/L	ND		20
Toluene	ND		1.0	ug/L	ND		20
1,1,1-Trichloroethane	ND		1.0	ug/L	ND		20
1,1,2-Trichloroethane	ND		1.0	ug/L	ND		20
Trichloroethene	ND		1.0	ug/L	ND		20
Trichlorofluoromethane (Freon 11)	ND		1.0	ug/L	ND		20
1,2,3-Trichloropropane	ND		1.0	ug/L	ND		20
Vinyl acetate	ND		1.0	ug/L	ND		20
Vinyl chloride	ND		1.0	ug/L	ND		20
o-Xylene	ND		1.0	ug/L	ND		20
m- & p-Xylenes	ND		1.0	ug/L	ND		20
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>58.90</i>			<i>ug/L</i>	<i>50.00</i>	<i>118</i>	<i>80-120</i>
<i>Surrogate: Toluene-d8</i>	<i>49.68</i>			<i>ug/L</i>	<i>50.00</i>	<i>99</i>	<i>88-110</i>
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>47.51</i>			<i>ug/L</i>	<i>50.00</i>	<i>95</i>	<i>86-115</i>

Matrix Spike (B203556-MS1)		Source: 2032810-01			Prepared & Analyzed: 03/31/22			
Acetone	10.7		5.0	ug/L	10.00	3.3	75	60-120
Acrylonitrile	11.4		5.0	ug/L	10.00	ND	114	0-200
Benzene	15.9		1.0	ug/L	10.00	4.8	112	76-120
Bromochloromethane	11.1		1.0	ug/L	10.00	ND	111	60-120
Bromodichloromethane	11.0		1.0	ug/L	10.00	ND	110	60-120
Bromoform	10.8		1.0	ug/L	10.00	ND	108	60-120
Bromomethane	11.3		1.0	ug/L	10.00	ND	113	60-120
2-Butanone (MEK)	11.3		5.0	ug/L	10.00	ND	113	60-120

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B203556 - GCMS-WATER-VOLATILES

Matrix Spike (B203556-MS1)	Source: 2032810-01			Prepared & Analyzed: 03/31/22						
Carbon disulfide	11.7		1.0	ug/L	10.00	ND	117	60-120		
Carbon tetrachloride	11.3		1.0	ug/L	10.00	ND	113	60-120		
Chlorobenzene	11.1		1.0	ug/L	10.00	ND	111	75-120		
Chloroethane	12.2		1.0	ug/L	10.00	ND	122	60-120		
Chloroform	11.2		1.0	ug/L	10.00	ND	112	60-120		
Chloromethane	11.2		1.0	ug/L	10.00	ND	112	60-120		
Dibromochloromethane	10.2		1.0	ug/L	10.00	ND	102	60-120		
1,2-Dibromo-3-chloropropane	9.8		1.0	ug/L	10.00	ND	98	60-120		
1,2-Dibromoethane (EDB)	10.4		1.0	ug/L	10.00	ND	104	60-120		
Dibromomethane	11.5		1.0	ug/L	10.00	ND	115	60-120		
1,2-Dichlorobenzene	10.7		1.0	ug/L	10.00	ND	107	60-120		
1,4-Dichlorobenzene	11.1		1.0	ug/L	10.00	ND	111	60-120		
1,1-Dichloroethane	11.8		1.0	ug/L	10.00	ND	118	60-120		
1,2-Dichloroethane	11.8		1.0	ug/L	10.00	0.6	113	60-120		
1,1-Dichloroethene	11.6		1.0	ug/L	10.00	ND	116	61-120		
cis-1,2-Dichloroethene	14.7		1.0	ug/L	10.00	4.0	107	60-120		
trans-1,2-Dichloroethene	11.2		1.0	ug/L	10.00	ND	112	60-120		
1,2-Dichloropropane	11.3		1.0	ug/L	10.00	ND	113	60-120		
1,3-Dichloropropane	10.9		1.0	ug/L	10.00	ND	109	60-120		
2,2-Dichloropropane	9.6		1.0	ug/L	10.00	ND	96	60-120		
1,1-Dichloropropene	11.4		1.0	ug/L	10.00	ND	114	60-120		
cis-1,3-Dichloropropene	10.4		1.0	ug/L	10.00	ND	104	60-120		
trans-1,3-Dichloropropene	10.2		1.0	ug/L	10.00	ND	102	60-120		
Ethylbenzene	13.2		1.0	ug/L	10.00	1.9	114	60-120		
2-Hexanone	11.1		5.0	ug/L	10.00	ND	111	60-120		
Methyl tert-butyl ether (MTBE)	48.5		1.0	ug/L	10.00	ND	485	60-120		
4-Methyl-2-pentanone	11.2		5.0	ug/L	10.00	ND	112	60-120		
Methylene chloride	11.0		1.0	ug/L	10.00	ND	110	60-120		
Methyl methacrylate	10.6		5.0	ug/L	10.00	ND	106	60-120		
Styrene	10.6		1.0	ug/L	10.00	ND	106	60-120		
1,1,1,2-Tetrachloroethane	10.8		1.0	ug/L	10.00	ND	108	60-120		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B203556 - GCMS-WATER-VOLATILES

Matrix Spike (B203556-MS1)	Source: 2032810-01	Prepared & Analyzed: 03/31/22
1,1,2,2-Tetrachloroethane	10.6	1.0 ug/L 10.00 ND 106 60-120
Tetrachloroethene	19.3	1.0 ug/L 10.00 7.8 115 60-120
Toluene	20.3	1.0 ug/L 10.00 9.6 107 76-120
1,1,1-Trichloroethane	11.1	1.0 ug/L 10.00 ND 111 60-120
1,1,2-Trichloroethane	10.8	1.0 ug/L 10.00 ND 108 60-120
Trichloroethene	11.6	1.0 ug/L 10.00 0.6 111 71-120
Trichlorofluoromethane (Freon 11)	11.7	1.0 ug/L 10.00 ND 117 60-120
1,2,3-Trichloropropane	11.0	1.0 ug/L 10.00 ND 110 60-120
Vinyl acetate	9.1	1.0 ug/L 10.00 ND 91 60-120
Vinyl chloride	12.2	1.0 ug/L 10.00 ND 122 60-120
o-Xylene	14.8	1.0 ug/L 10.00 3.8 110 60-120
m- & p-Xylenes	28.7	1.0 ug/L 20.00 6.3 112 60-120
Surrogate: 1,2-Dichloroethane-d4	53.03	ug/L 50.00 106 80-120
Surrogate: Toluene-d8	49.36	ug/L 50.00 99 88-110
Surrogate: 4-Bromofluorobenzene	50.70	ug/L 50.00 101 86-115

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

EDB and DBCP by EPA 8011 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204013 - 504.1 EDB/DBCP										
Blank (B204013-BLK1)					Prepared & Analyzed: 04/05/22					
1,2-Dibromo-3-chloropropane	ND		0.050	ug/L						
1,2-Dibromoethane (EDB)	ND		0.020	ug/L						
Blank (B204013-BLK2)					Prepared: 04/05/22 Analyzed: 04/06/22					
1,2-Dibromo-3-chloropropane	ND		0.050	ug/L						
1,2-Dibromoethane (EDB)	ND		0.020	ug/L						
LCS (B204013-BS1)					Prepared & Analyzed: 04/05/22					
1,2-Dibromo-3-chloropropane	0.100		0.050	ug/L	0.1006		99	70-130		
1,2-Dibromoethane (EDB)	0.113		0.020	ug/L	0.1006		113	70-130		
LCS (B204013-BS2)					Prepared: 04/05/22 Analyzed: 04/06/22					
1,2-Dibromo-3-chloropropane	0.099		0.050	ug/L	0.1006		98	70-130		
1,2-Dibromoethane (EDB)	0.124		0.020	ug/L	0.1006		123	70-130		
Matrix Spike (B204013-MS1)					Source: 2032402-03		Prepared & Analyzed: 04/05/22			
1,2-Dibromo-3-chloropropane	0.199		0.048	ug/L	0.1918	ND	104	70-130		
1,2-Dibromoethane (EDB)	0.234		0.019	ug/L	0.1918	ND	122	70-130		
Matrix Spike (B204013-MS2)					Source: 2032816-03		Prepared: 04/05/22 Analyzed: 04/06/22			
1,2-Dibromo-3-chloropropane	0.184		0.047	ug/L	0.1908	ND	96	70-130		
1,2-Dibromoethane (EDB)	0.214		0.019	ug/L	0.1908	ND	112	70-130		
Reference (B204013-SRM1)					Prepared & Analyzed: 04/05/22					
1,2-Dibromo-3-chloropropane	0.019		0.050	ug/L	0.02011		95	50-150		
1,2-Dibromoethane (EDB)	0.025		0.020	ug/L	0.02011		123	50-150		
Reference (B204013-SRM2)					Prepared: 04/05/22 Analyzed: 04/06/22					
1,2-Dibromo-3-chloropropane	0.017		0.050	ug/L	0.02011		85	50-150		
1,2-Dibromoethane (EDB)	0.023		0.020	ug/L	0.02011		115	50-150		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204039 - 3010A-Metals Digestion

Blank (B204039-BLK1)

Prepared & Analyzed: 04/04/22

Hardness as CaCO3	ND		500	ug/L						
Antimony	ND		1.00	ug/L						
Arsenic	ND		1.00	ug/L						
Barium	ND		1.00	ug/L						
Beryllium	ND		1.00	ug/L						
Cadmium	ND		1.00	ug/L						
Calcium	ND		80.0	ug/L						
Chromium	ND		1.00	ug/L						
Cobalt	ND		1.00	ug/L						
Copper	ND		1.00	ug/L						
Iron	ND		100	ug/L						
Lead	ND		1.00	ug/L						
Magnesium	ND		100	ug/L						
Manganese	ND		1.00	ug/L						
Mercury	ND		0.100	ug/L						
Nickel	ND		1.00	ug/L						
Potassium	2500	B	100	ug/L						
Selenium	ND		1.00	ug/L						
Silver	ND		1.00	ug/L						
Sodium	ND		100	ug/L						
Thallium	ND		1.00	ug/L						
Vanadium	ND		1.00	ug/L						
Zinc	ND		4.00	ug/L						

LCS (B204039-BS1)

Prepared & Analyzed: 04/04/22

Antimony	44.6		1.00	ug/L	50.00		89	80-120		
Arsenic	49.8		1.00	ug/L	50.00		100	80-120		
Barium	48.2		1.00	ug/L	50.00		96	80-120		
Beryllium	50.7		1.00	ug/L	50.00		101	80-120		
Cadmium	48.8		1.00	ug/L	50.00		98	80-120		
Calcium	5030		80.0	ug/L	5000		101	80-120		
Chromium	50.2		1.00	ug/L	50.00		100	80-120		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204039 - 3010A-Metals Digestion

LCS (B204039-BS1)

Prepared & Analyzed: 04/04/22

Cobalt	51.2		1.00	ug/L	50.00		102	80-120		
Copper	51.5		1.00	ug/L	50.00		103	80-120		
Iron	5110		100	ug/L	5000		102	80-120		
Lead	49.1		1.00	ug/L	50.00		98	80-120		
Magnesium	5040		100	ug/L	5000		101	80-120		
Manganese	51.2		1.00	ug/L	50.00		102	80-120		
Mercury	2.30		0.100	ug/L	2.500		92	80-120		
Nickel	51.0		1.00	ug/L	50.00		102	80-120		
Potassium	5160	B	100	ug/L	5000		103	80-120		
Selenium	50.8		1.00	ug/L	50.00		102	80-120		
Silver	49.5		1.00	ug/L	50.00		99	80-120		
Sodium	5130		100	ug/L	5000		103	80-120		
Thallium	50.4		1.00	ug/L	50.00		101	80-120		
Vanadium	49.0		1.00	ug/L	50.00		98	80-120		
Zinc	102		4.00	ug/L	100.0		102	80-120		

Duplicate (B204039-DUP1)

Source: 2040101-01

Prepared & Analyzed: 04/04/22

Hardness as CaCO3	307000		500	ug/L		317000			3	200
Antimony	ND		1.00	ug/L		ND				200
Arsenic	ND		1.00	ug/L		ND				200
Barium	22.7		1.00	ug/L		23.1			1	200
Beryllium	ND		1.00	ug/L		ND				200
Cadmium	ND		1.00	ug/L		ND				200
Calcium	78400		80.0	ug/L		80800			3	200
Chromium	ND		1.00	ug/L		ND				200
Cobalt	7.15		1.00	ug/L		7.37			3	200
Copper	1.01		1.00	ug/L		1.00			1	200
Iron	276		100	ug/L		285			3	200
Lead	ND		1.00	ug/L		ND				200
Magnesium	27100		100	ug/L		28000			3	200
Manganese	406		1.00	ug/L		418			3	200
Mercury	ND		0.100	ug/L		ND				200

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204039 - 3010A-Metals Digestion

Duplicate (B204039-DUP1)	Source: 2040101-01			Prepared & Analyzed: 04/04/22						
Nickel	19.1		1.00	ug/L	19.6				3	200
Potassium	9390	B	100	ug/L	9960				6	200
Selenium	2.20		1.00	ug/L	2.15				3	200
Silver	ND		1.00	ug/L	ND					200
Sodium	358000	E	100	ug/L	371000				4	200
Thallium	ND		1.00	ug/L	ND					200
Vanadium	ND		1.00	ug/L	ND					200
Zinc	ND		4.00	ug/L	ND					200

Matrix Spike (B204039-MS1)	Source: 2040101-01			Prepared & Analyzed: 04/04/22						
Antimony	46.6		1.00	ug/L	50.00	ND	93	60-140		
Arsenic	51.2		1.00	ug/L	50.00	ND	102	60-140		
Barium	73.7		1.00	ug/L	50.00	23.1	101	60-140		
Beryllium	52.5		1.00	ug/L	50.00	ND	105	60-140		
Cadmium	48.8		1.00	ug/L	50.00	ND	98	60-140		
Calcium	88300	QM-4X	80.0	ug/L	5000	80800	151	60-140		
Chromium	49.0		1.00	ug/L	50.00	ND	98	60-140		
Cobalt	57.9		1.00	ug/L	50.00	7.37	101	60-140		
Copper	50.5		1.00	ug/L	50.00	1.00	99	60-140		
Iron	5310		100	ug/L	5000	285	100	60-140		
Lead	48.9		1.00	ug/L	50.00	ND	98	60-140		
Magnesium	34000		100	ug/L	5000	28000	121	60-140		
Manganese	486		1.00	ug/L	50.00	418	136	60-140		
Mercury	2.35		0.100	ug/L	2.500	ND	94	60-140		
Nickel	69.3		1.00	ug/L	50.00	19.6	99	60-140		
Potassium	15300	B	100	ug/L	5000	9960	106	60-140		
Selenium	53.8		1.00	ug/L	50.00	2.15	103	60-140		
Silver	47.7		1.00	ug/L	50.00	ND	95	60-140		
Sodium	391000	QM-4X, E	100	ug/L	5000	371000	387	60-140		
Thallium	50.0		1.00	ug/L	50.00	ND	100	60-140		
Vanadium	49.8		1.00	ug/L	50.00	ND	100	60-140		
Zinc	103		4.00	ug/L	100.0	ND	103	60-140		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

Ammonia (as N) by EPA 350.1 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204251 - Ammonia Prep

Blank (B204251-BLK1)				Prepared & Analyzed: 04/13/22						
Ammonia as N	ND		0.02	mg/L						
LCS (B204251-BS1)				Prepared & Analyzed: 04/13/22						
Ammonia as N	0.50		0.02	mg/L	0.5000		101	80-120		
Duplicate (B204251-DUP1)			Source: 2032816-01			Prepared & Analyzed: 04/13/22				
Ammonia as N	0.07		0.02	mg/L		0.08			14	200
Matrix Spike (B204251-MS1)			Source: 2032816-01			Prepared & Analyzed: 04/13/22				
Ammonia as N	0.55		0.02	mg/L	0.5000	0.08	94	80-120		



Will Brewington, President

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

Chemical Oxygen Demand by EPA 410.4 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B203541 - COD (03) Prep										
Blank (B203541-BLK1)					Prepared & Analyzed: 03/29/22					
COD	ND		3.0	mg/L						
LCS (B203541-BS1)					Prepared & Analyzed: 03/29/22					
COD	47.5		3.0	mg/L	50.00		95	90-110		
Duplicate (B203541-DUP1)					Source: 2032501-01		Prepared & Analyzed: 03/29/22			
COD	ND		3.0	mg/L		ND				20
Matrix Spike (B203541-MS1)					Source: 2032501-01		Prepared & Analyzed: 03/29/22			
COD	49.8		3.0	mg/L	50.00	ND	100	90-110		



Will Brewington, President

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

Conductivity by SM2510 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204042 - Conductivity

Duplicate (B204042-DUP1)		Source: 2032816-01		Prepared & Analyzed: 04/04/22						
Conductivity	367.1			uS/cm		369.5			0.7	20
Duplicate (B204042-DUP2)		Source: 2032911-03		Prepared & Analyzed: 04/04/22						
Conductivity	1812			uS/cm		1825			0.7	20



Will Brewington, President

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

Anions by EPA 300.0 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B203536 - 300.0 Anions Prep

Blank (B203536-BLK1)

Prepared & Analyzed: 03/29/22

Chloride	ND		0.500	mg/L						
Nitrate	ND		0.050	mg/L						
Nitrate (as N)	ND		0.011	mg/L						
Sulfate	ND		0.3	mg/L						

LCS (B203536-BS1)

Prepared & Analyzed: 03/29/22

Chloride	3.87		0.500	mg/L	4.000		97	90-110		
Nitrate	3.65		0.050	mg/L	4.000		91	90-110		
Nitrate (as N)	0.824		0.011	mg/L				90-110		
Sulfate	4.0		0.3	mg/L	4.000		100	90-110		

Duplicate (B203536-DUP1)

Source: 2032803-01

Prepared & Analyzed: 03/29/22

Chloride	62.0		0.500	mg/L		62.0			0.07	20
Nitrate	20.8		0.050	mg/L		20.8			0.2	200
Nitrate (as N)	4.70		0.011	mg/L		4.69			0.2	200
Sulfate	3.3		0.3	mg/L		3.2			3	20

Matrix Spike (B203536-MS1)

Source: 2032803-01

Prepared & Analyzed: 03/29/22

Chloride	62.9	QM-4X	0.500	mg/L	4.000	62.0	23	80-120		
Nitrate	23.7	QM-4X	0.050	mg/L	4.000	20.8	73	80-120		
Nitrate (as N)	5.35		0.011	mg/L		4.69		80-120		
Sulfate	7.2		0.3	mg/L	4.000	3.2	100	80-120		

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Will Brewington, President

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

Total Suspended Solids by USGS I-3765-85 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B203592 - TSS PREP										
Blank (B203592-BLK1)					Prepared: 03/31/22 Analyzed: 04/01/22					
Solids, Suspended	ND		2.5	mg/L						
LCS (B203592-BS1)					Prepared: 03/31/22 Analyzed: 04/01/22					
Solids, Suspended	48.7		2.5	mg/L	52.40		93	70-130		
Duplicate (B203592-DUP1)			Source: 2032909-01		Prepared: 03/31/22 Analyzed: 04/01/22					
Solids, Suspended	193		6.4	mg/L		171			12	20



Will Brewington, President

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1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/13/22 17:16

Total Dissolved Solids by SM 2540C - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204021 - TDS Prep										
Blank (B204021-BLK1)					Prepared: 04/01/22 Analyzed: 04/04/22					
Solids, Dissolved	ND		10.0	mg/L						
LCS (B204021-BS1)					Prepared: 04/01/22 Analyzed: 04/04/22					
Solids, Dissolved	694		10.0	mg/L	728.5		95	90-110		
Duplicate (B204021-DUP1)			Source: 2032911-01		Prepared: 04/01/22 Analyzed: 04/04/22					
Solids, Dissolved	673		10.0	mg/L		698			4	20



Will Brewington, President

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1500 Caton Center Dr Suite G
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 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/13/22 17:16

SM 2320B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch 812807 - SM 2320B

BLANK (4461557)			Prepared & Analyzed: 04/01/22							
Alkalinity, Total as CaCO3	5.0U		5.0	mg/L				-		
LCS (4461558)			Prepared & Analyzed: 04/01/22							
Alkalinity, Total as CaCO3	99%		5.0	mg/L	250		99	90-110		
DUP (4461559)			Source: 2032816-01		Prepared & Analyzed: 04/01/22					
Alkalinity, Total as CaCO3	64.2		5.0	mg/L		67.2		-	5	20



Will Brewington, President

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 17:16

Notes and Definitions

- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- O-07 This sample was received outside of the EPA recommended holding time.
- L Analyte is a possible laboratory contaminant
- E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
- B Analyte is found in the associated blank as well as in the sample (CLP B-flag).
- RE Sample reanalyses are done at the laboratory's discretion as a mechanism to improve data quality. Any client requested reanalysis will be identified with a sample qualifier.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- %-Solids Percent Solids is a supportive test and as such does not require accreditation

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Will Brewington, President

Company Name: EA Engineering		Project Manager: Laura Oakes		Analysis Requested										CHAIN-OF-CUSTODY RECORD																			
Project Name: GUDE Landfill		Project ID: 155604		<table border="1"> <tr> <td rowspan="2">8260LL VOC and 8011*</td> <td rowspan="2">6020 MDE Landfill List</td> <td rowspan="2">Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity</td> <td rowspan="2">Turbidity, pH</td> <td rowspan="2">Suspended Solids</td> <td rowspan="2">COD</td> <td rowspan="2">Ammonia-Nitrogen</td> <td colspan="2">Preservative: 1+1 HCl, H₂SO₄, Methanol, Na₂S₂O₃, NaHCO₃</td> <td colspan="2">Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank</td> <td>MSS Lab ID</td> </tr> <tr> <td colspan="2">Matrix Codes: NW (non-potable water) PW (potable water)</td> <td colspan="2"></td> <td></td> </tr> </table>										8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Preservative: 1+1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃		Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank		MSS Lab ID	Matrix Codes: NW (non-potable water) PW (potable water)					Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 reporting@mdspectral.com		
8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH																		Suspended Solids	COD	Ammonia-Nitrogen	Preservative: 1+1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃		Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank		MSS Lab ID					
				Matrix Codes: NW (non-potable water) PW (potable water)																													
Sampler(s): D. Kozlowski, R. Williams, J. Stith		P.O. Number: <i>19541</i>																															
Field Sample ID		Date	Time	Water	Soil	Other	No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Preservative: 1+1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID																
MW-23A		3/28/22	0936	X			9	X	X	X	X	X	X	X	X			2032816-01 A															
MW-23A MW-23B			1023				9											- 0 2															
MW-22B			1125				9											- 0 3															
MW-22A			1205				9											- 0 4															
MW-1B			1306				9											- 0 5															
MW-19B			1350				9											- 0 6															
MW-19A			1330				9											- 0 7															
St-015			1330				9											- 0 8															
Trip Blank		X	-	X			9										Trip Blank	- 0 9															
* Please analyze 2 VOCs (1,2-Dibromo-3-chloropropane and 1, 2 Dibromoethane) by method 8011 in addition to method 8260.																																	
Relinquished by: (Signature) <i>Reid Williams</i>		Date/Time 3/28/22		Received by: (Signature)				Relinquished by: (Signature)				Date/Time		Received by: (Signature)																			
(Printed) Reid Williams		1615		(Printed)				(Printed)						(Printed)																			
Relinquished by: (Signature)		Date/Time		Received by: (Signature)				Turn Around Time:				Lab Use:																					
(Printed)		16:04		<i>Lori Foster</i>				<input checked="" type="checkbox"/> Normal (7 day) <input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ <input type="checkbox"/> Specific Due Date: _____				Temp: _____°C 4.6 <input checked="" type="checkbox"/> Received on Ice <input checked="" type="checkbox"/> Received same day <input type="checkbox"/> Preservation Appropriate																					
Delivery Method:		Special Instructions/QC Requirements & Comments:																															
<input type="checkbox"/> Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> USPS <input type="checkbox"/> Other: _____																																	
		Turn Around Time:				Sample Disposal:																											
		<input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ <input type="checkbox"/> Specific Due Date: _____				<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for _____ days																											

SUBCONTRACT ORDER
 Maryland Spectral Services
 2032816

WO#: 35706782



SENDING LABORATORY:

Maryland Spectral Services
 1500 Caton Center Dr. Suite G
 Halethorpe, MD 21227
 Phone: 410.247.7600
 Project Manager: Cory Koons
 Reports Email: Reporting@mdspectral.com

RECEIVING LABORATORY:

Pace Labs-FL
 8 East Tower Circle
 Ormond Beach, FL 32174
 Phone : (386) 672-5668
 Fax:

Due 4:00 PM 04/06/22

Laboratory ID Comments

Sample ID: 2032816-01 MW-23 A Water Sampled: 03/28/22 09:36

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (E)

Sample ID: 2032816-02 MW-23 B Water Sampled: 03/28/22 10:23

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (E)

Sample ID: 2032816-03 MW-22 B Water Sampled: 03/28/22 11:25

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (E)

Sample ID: 2032816-04 MW-22 A Water Sampled: 03/28/22 12:05

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (E)

Released By: *[Signature]* Date: 03/29/22 1345
 Received By: *[Signature]* Date: 3-30-22 11:40 *
 Released By: *[Signature]* Date: 03/29/22 1700
 Received By: *[Signature]* Date: 3-30-22 11:40 *

SUBCONTRACT ORDER
 Maryland Spectral Services
 2032816

Due 4:00 PM 04/06/22 Laboratory ID **Comments**

Sample ID: 2032816-05 MW-1B Water Sampled: 03/28/22 13:06

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (E)

Sample ID: 2032816-06 MW-19 B Water Sampled: 03/28/22 13:50

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (E)

Sample ID: 2032816-07 MW-19 A Water Sampled: 03/28/22 14:30

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (E)

Sample ID: 2032816-08 ST015 Water Sampled: 03/28/22 13:30

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (E)

13:40

Received By: [Signature] Date: 03/29/22 1345
 Received By: SB Date: 3/30/22 11:40 X

13 April 2022

Laura Oakes
EA Engineering
225 Schilling Circle, STE 400
Hunt Valley, MD 21031
RE: GUDE LANDFILL

Enclosed are the results of analyses for samples received by the laboratory on 03/29/22 16:39.

Please visit our website at www.mdspectral.com for a complete listing of our accreditations.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Will Brewington
President

1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/13/22 11:27

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
OB07A		2032911-01	Nonpotable Water	03/29/22 09:50	03/29/22 16:39
OB07		2032911-02	Nonpotable Water	03/29/22 10:23	03/29/22 16:39
OB06		2032911-03	Nonpotable Water	03/29/22 11:19	03/29/22 16:39
OB-102		2032911-04	Nonpotable Water	03/29/22 12:04	03/29/22 16:39
MW-2B		2032911-05	Nonpotable Water	03/29/22 12:53	03/29/22 16:39
MW-2A		2032911-06	Nonpotable Water	03/29/22 13:33	03/29/22 16:39
OB-10		2032911-07	Nonpotable Water	03/29/22 14:35	03/29/22 16:39
MW-4		2032911-08	Nonpotable Water	03/29/22 15:09	03/29/22 16:39
ST-065		2032911-09	Nonpotable Water	03/29/22 09:45	03/29/22 16:39
ST-70		2032911-10	Nonpotable Water	03/29/22 14:20	03/29/22 16:39
TRIP BLANK		2032911-11	Nonpotable Water	03/29/22 00:00	03/29/22 16:39



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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB07A

2032911-01 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter) O-07									
pH	6.04		pH Units			1	03/29/22	03/29/22 18:44	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	4.74		NTU	0.500	0.110	1	03/30/22	03/30/22 10:00	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 16:42	LL
Acetonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 16:42	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 16:42	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	04/01/22	04/01/22 16:42	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Benzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Bromobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	04/01/22	04/01/22 16:42	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 16:42	LL
n-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
sec-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
tert-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
2-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
4-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Cyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB07A

2032911-01 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,3-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Dichlorodifluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
cis-1,2-Dichloroethene	1.6		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Dichlorofluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Diisopropyl ether (DIPE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 16:42	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Hexachlorobutadiene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 16:42	LL
Isobutanol	ND		ug/L	100	100	1	04/01/22	04/01/22 16:42	LL
Isopropylbenzene (Cumene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
4-Isopropyltoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Methacrylonitrile	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Methyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB07A

2032911-01 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Methylcyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 16:42	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 16:42	LL
Naphthalene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Propionitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 16:42	LL
n-Propylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Styrene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Tetrahydrofuran	2.3		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Toluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,2,3-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,2,4-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,1,2-Trichlorotrifluoroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,2,4-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
1,3,5-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 16:42	LL
Surrogate: 1,2-Dichloroethane-d4		70-130		109 %			04/01/22	04/01/22 16:42	
Surrogate: Toluene-d8		75-120		99 %			04/01/22	04/01/22 16:42	
Surrogate: 4-Bromofluorobenzene		75-120		98 %			04/01/22	04/01/22 16:42	

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB07A

2032911-01 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/05/22	04/05/22 22:48	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/05/22 22:48	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	519000		ug/L	5000	5000	10	04/05/22	04/06/22 20:12	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:56	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:56	VVD
Barium	55.5		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:56	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:56	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:56	VVD
Calcium	109000		ug/L	800	800	10	04/05/22	04/06/22 20:12	VVD
Chromium	1.66		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:56	VVD
Cobalt	7.82		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:56	VVD
Copper	6.07		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:56	VVD
Iron	278		ug/L	100	5.00	1	04/05/22	04/05/22 18:56	VVD
Lead	1.30		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:56	VVD
Magnesium	60100		ug/L	1000	1000	10	04/05/22	04/06/22 20:12	VVD
Manganese	324		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:56	VVD
Mercury	0.746		ug/L	0.100	0.100	1	04/05/22	04/05/22 18:56	VVD
Nickel	4.18		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:56	VVD
Potassium	3250	B	ug/L	100	100	1	04/05/22	04/05/22 18:56	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:56	VVD
Silver	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:56	VVD
Sodium	29700		ug/L	100	100	1	04/05/22	04/05/22 18:56	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:56	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:56	VVD
Zinc	7.49		ug/L	4.00	4.00	1	04/05/22	04/05/22 18:56	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB07A

2032911-01 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.02		mg/L	0.02	0.02	1	04/12/22	04/12/22 15:10	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	17.7		mg/L	3.0	3.0	1	03/30/22	03/30/22 16:47	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	1255		uS/cm			1	04/04/22	04/04/22 17:58	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	270		mg/L	0.500	0.500	1	03/30/22	03/30/22 17:02	CRP
Nitrate	4.30		mg/L	0.050	0.050	1	03/30/22	03/30/22 17:02	CRP
Nitrate (as N)	0.972		mg/L	0.011	0.011	1	03/30/22	03/30/22 17:02	CRP
Sulfate	48.2		mg/L	0.3	0.3	1	03/30/22	03/30/22 17:02	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	33.6		mg/L	4.3	4.3	1	04/05/22	04/06/22 17:53	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	698		mg/L	10.0	10.0	1	04/01/22	04/04/22 17:35	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	151		mg/L	5.0	5.0	1	04/06/22	04/06/22 14:11	RP

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB07

2032911-02 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter) O-07									
pH	6.57		pH Units			1	03/29/22	03/29/22 18:44	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	117		NTU	2.50	0.550	5	03/30/22	03/30/22 10:34	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:07	LL
Acetonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:07	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:07	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	04/01/22	04/01/22 17:07	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Benzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Bromobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	04/01/22	04/01/22 17:07	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:07	LL
n-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
sec-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
tert-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
2-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
4-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Cyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB07

2032911-02 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,3-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Dichlorodifluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
cis-1,2-Dichloroethene	1.6		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Dichlorofluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Diisopropyl ether (DIPE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:07	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Hexachlorobutadiene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:07	LL
Isobutanol	ND		ug/L	100	100	1	04/01/22	04/01/22 17:07	LL
Isopropylbenzene (Cumene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
4-Isopropyltoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Methacrylonitrile	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Methyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB07

2032911-02 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Methylcyclohexane	1.4		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:07	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:07	LL
Naphthalene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Propionitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:07	LL
n-Propylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Styrene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Tetrahydrofuran	1.9		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Toluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,2,3-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,2,4-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,1,2-Trichlorotrifluoroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,2,4-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
1,3,5-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:07	LL
Surrogate: 1,2-Dichloroethane-d4		70-130		111 %			04/01/22	04/01/22 17:07	
Surrogate: Toluene-d8		75-120		99 %			04/01/22	04/01/22 17:07	
Surrogate: 4-Bromofluorobenzene		75-120		97 %			04/01/22	04/01/22 17:07	

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB07

**2032911-02 (Nonpotable Water)
Sample Date: 03/29/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/05/22	04/05/22 23:04	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/05/22 23:04	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	579000		ug/L	5000	5000	10	04/05/22	04/06/22 20:19	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:58	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:58	VVD
Barium	42.5		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:58	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:58	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:58	VVD
Calcium	148000		ug/L	800	800	10	04/05/22	04/06/22 20:19	VVD
Chromium	3.80		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:58	VVD
Cobalt	1.99		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:58	VVD
Copper	12.3		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:58	VVD
Iron	2230		ug/L	100	5.00	1	04/05/22	04/05/22 18:58	VVD
Lead	7.64		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:58	VVD
Magnesium	50500		ug/L	1000	1000	10	04/05/22	04/06/22 20:19	VVD
Manganese	151		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:58	VVD
Mercury	3.97		ug/L	0.100	0.100	1	04/05/22	04/05/22 18:58	VVD
Nickel	3.34		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:58	VVD
Potassium	4940	B	ug/L	100	100	1	04/05/22	04/05/22 18:58	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:58	VVD
Silver	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:58	VVD
Sodium	24400		ug/L	100	100	1	04/05/22	04/05/22 18:58	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:58	VVD
Vanadium	4.26		ug/L	1.00	1.00	1	04/05/22	04/05/22 18:58	VVD
Zinc	10.4		ug/L	4.00	4.00	1	04/05/22	04/05/22 18:58	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB07

2032911-02 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.03		mg/L	0.02	0.02	1	04/12/22	04/12/22 15:11	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	9.8		mg/L	3.0	3.0	1	03/30/22	03/30/22 16:47	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	1291		uS/cm			1	04/04/22	04/04/22 17:58	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	244		mg/L	0.500	0.500	1	03/30/22	03/30/22 17:57	CRP
Nitrate	3.44		mg/L	0.050	0.050	1	03/30/22	03/30/22 17:57	CRP
Nitrate (as N)	0.778		mg/L	0.011	0.011	1	03/30/22	03/30/22 17:57	CRP
Sulfate	48.8		mg/L	0.3	0.3	1	03/30/22	03/30/22 17:57	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	120		mg/L	9.3	9.3	1	04/05/22	04/06/22 17:53	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	740		mg/L	10.0	10.0	1	04/01/22	04/04/22 17:35	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	223		mg/L	5.0	5.0	1	04/06/22	04/06/22 14:17	RP

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB06

2032911-03 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									O-07
pH	6.20		pH Units			1	03/29/22	03/29/22 18:44	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	73.5		NTU	2.50	0.550	5	03/30/22	03/30/22 10:34	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:32	LL
Acetonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:32	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:32	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	04/01/22	04/01/22 17:32	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Benzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Bromobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	04/01/22	04/01/22 17:32	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:32	LL
n-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
sec-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
tert-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Chlorobenzene	1.6		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
2-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
4-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Cyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB06

2032911-03 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,3-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Dichlorodifluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Dichlorofluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Diisopropyl ether (DIPE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:32	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Hexachlorobutadiene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:32	LL
Isobutanol	ND		ug/L	100	100	1	04/01/22	04/01/22 17:32	LL
Isopropylbenzene (Cumene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
4-Isopropyltoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Methacrylonitrile	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Methyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB06

2032911-03 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Methylcyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:32	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:32	LL
Naphthalene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Propionitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:32	LL
n-Propylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Styrene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Tetrahydrofuran	4.7		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Toluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,2,3-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,2,4-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,1,2-Trichlorotrifluoroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,2,4-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
1,3,5-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:32	LL
Surrogate: 1,2-Dichloroethane-d4		70-130		110 %			04/01/22	04/01/22 17:32	
Surrogate: Toluene-d8		75-120		99 %			04/01/22	04/01/22 17:32	
Surrogate: 4-Bromofluorobenzene		75-120		97 %			04/01/22	04/01/22 17:32	

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB06

2032911-03 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/05/22	04/05/22 23:19	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/05/22 23:19	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	632000		ug/L	5000	5000	10	04/05/22	04/06/22 20:22	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:00	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:00	VVD
Barium	179		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:00	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:00	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:00	VVD
Calcium	149000		ug/L	800	800	10	04/05/22	04/06/22 20:22	VVD
Chromium	2.91		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:00	VVD
Cobalt	4.73		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:00	VVD
Copper	7.31		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:00	VVD
Iron	674		ug/L	100	5.00	1	04/05/22	04/05/22 19:00	VVD
Lead	2.15		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:00	VVD
Magnesium	63100		ug/L	1000	1000	10	04/05/22	04/06/22 20:22	VVD
Manganese	650		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:00	VVD
Mercury	0.612		ug/L	0.100	0.100	1	04/05/22	04/05/22 19:00	VVD
Nickel	9.75		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:00	VVD
Potassium	5440	QB-01, B	ug/L	100	100	1	04/05/22	04/05/22 19:00	VVD
Selenium	1.26		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:00	VVD
Silver	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:00	VVD
Sodium	146000		ug/L	1000	1000	10	04/05/22	04/06/22 20:22	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:00	VVD
Vanadium	1.14		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:00	VVD
Zinc	14.9		ug/L	4.00	4.00	1	04/05/22	04/05/22 19:00	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB06

2032911-03 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.04		mg/L	0.02	0.02	1	04/12/22	04/12/22 15:12	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	42.5		mg/L	3.0	3.0	1	03/30/22	03/30/22 16:48	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	1825		uS/cm			1	04/04/22	04/04/22 17:58	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	337		mg/L	0.500	0.500	1	03/30/22	03/30/22 18:16	CRP
Nitrate	0.580		mg/L	0.050	0.050	1	03/30/22	03/30/22 18:16	CRP
Nitrate (as N)	0.131		mg/L	0.011	0.011	1	03/30/22	03/30/22 18:16	CRP
Sulfate	99.6		mg/L	0.3	0.3	1	03/30/22	03/30/22 18:16	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	138		mg/L	7.8	7.8	1	04/05/22	04/06/22 17:53	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	1020		mg/L	10.0	10.0	1	04/01/22	04/04/22 17:35	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	334		mg/L	5.0	5.0	1	04/06/22	04/06/22 14:24	RP

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB-102

2032911-04 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.78		pH Units			1	03/29/22	03/29/22 18:44	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	11.8		NTU	0.500	0.110	1	03/30/22	03/30/22 10:02	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:57	LL
Acetonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:57	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:57	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	04/01/22	04/01/22 17:57	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Benzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Bromobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
tert-Butanol (TBA)	40.7		ug/L	15.0	15.0	1	04/01/22	04/01/22 17:57	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:57	LL
n-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
sec-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
tert-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Chlorobenzene	2.7		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
2-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
4-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Cyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB-102

2032911-04 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,3-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,4-Dichlorobenzene	1.5		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Dichlorodifluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Dichlorofluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Diisopropyl ether (DIPE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:57	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Hexachlorobutadiene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:57	LL
Isobutanol	ND		ug/L	100	100	1	04/01/22	04/01/22 17:57	LL
Isopropylbenzene (Cumene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
4-Isopropyltoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Methacrylonitrile	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Methyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB-102

2032911-04 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Methylcyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:57	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:57	LL
Naphthalene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Propionitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 17:57	LL
n-Propylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Styrene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Tetrahydrofuran	12.0		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Toluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,2,3-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,2,4-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,1,2-Trichlorotrifluoroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,2,4-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
1,3,5-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 17:57	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	110 %			04/01/22	04/01/22 17:57	
Surrogate: Toluene-d8			75-120	99 %			04/01/22	04/01/22 17:57	
Surrogate: 4-Bromofluorobenzene			75-120	98 %			04/01/22	04/01/22 17:57	

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB-102

2032911-04 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/05/22	04/05/22 23:34	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/05/22 23:34	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	564000		ug/L	500	500	1	04/05/22	04/05/22 19:03	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:03	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:03	VVD
Barium	306		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:03	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:03	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:03	VVD
Calcium	91900		ug/L	80.0	80.0	1	04/05/22	04/05/22 19:03	VVD
Chromium	2.19		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:03	VVD
Cobalt	60.2		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:03	VVD
Copper	28.1		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:03	VVD
Iron	253		ug/L	100	5.00	1	04/05/22	04/05/22 19:03	VVD
Lead	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:03	VVD
Magnesium	81200		ug/L	100	100	1	04/05/22	04/05/22 19:03	VVD
Manganese	11800		ug/L	20.0	20.0	20	04/05/22	04/06/22 20:24	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/05/22	04/05/22 19:03	VVD
Nickel	72.1		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:03	VVD
Potassium	51300	QB-01, B	ug/L	100	100	1	04/05/22	04/05/22 19:03	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:03	VVD
Silver	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:03	VVD
Sodium	481000		ug/L	2000	2000	20	04/05/22	04/06/22 20:24	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:03	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:03	VVD
Zinc	8.37		ug/L	4.00	4.00	1	04/05/22	04/05/22 19:03	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB-102

2032911-04 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	18.9		mg/L	2.00	2.00	1	04/12/22	04/12/22 15:55	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	135		mg/L	3.0	3.0	1	03/30/22	03/30/22 16:49	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	3.282		uS/cm			1	04/04/22	04/04/22 17:58	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	443		mg/L	0.500	0.500	1	03/30/22	03/30/22 18:41	CRP
Nitrate	ND		mg/L	0.050	0.050	1	03/30/22	03/30/22 18:41	CRP
Nitrate (as N)	ND		mg/L	0.011	0.011	1	03/30/22	03/30/22 18:41	CRP
Sulfate	50.2		mg/L	0.3	0.3	1	03/30/22	03/30/22 18:41	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	16.7		mg/L	2.3	2.3	1	04/05/22	04/06/22 17:53	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	1880		mg/L	10.0	10.0	1	04/01/22	04/04/22 17:35	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	1010		mg/L	5.0	5.0	1	04/06/22	04/06/22 14:34	RP

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

MW-2B

2032911-05 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter) O-07									
pH	5.41		pH Units			1	03/29/22	03/29/22 18:44	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	4.71		NTU	0.500	0.110	1	03/30/22	03/30/22 10:06	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 18:22	LL
Acetonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 18:22	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 18:22	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	04/01/22	04/01/22 18:22	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Benzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Bromobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	04/01/22	04/01/22 18:22	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 18:22	LL
n-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
sec-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
tert-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
2-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
4-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Cyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

MW-2B

2032911-05 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,3-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Dichlorodifluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Dichlorofluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Diisopropyl ether (DIPE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 18:22	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Hexachlorobutadiene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 18:22	LL
Isobutanol	ND		ug/L	100	100	1	04/01/22	04/01/22 18:22	LL
Isopropylbenzene (Cumene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
4-Isopropyltoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Methacrylonitrile	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Methyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

MW-2B

2032911-05 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Methylcyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 18:22	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 18:22	LL
Naphthalene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Propionitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 18:22	LL
n-Propylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Styrene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Tetrachloroethene	1.3		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Tetrahydrofuran	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Toluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,2,3-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,2,4-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,1,2-Trichlorotrifluoroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,2,4-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
1,3,5-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:22	LL
Surrogate: 1,2-Dichloroethane-d4		70-130		111 %			04/01/22	04/01/22 18:22	
Surrogate: Toluene-d8		75-120		99 %			04/01/22	04/01/22 18:22	
Surrogate: 4-Bromofluorobenzene		75-120		97 %			04/01/22	04/01/22 18:22	

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

MW-2B

2032911-05 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/05/22	04/05/22 23:50	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/05/22 23:50	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	21500		ug/L	500	500	1	04/05/22	04/05/22 19:05	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:05	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:05	VVD
Barium	12.1		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:05	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:05	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:05	VVD
Calcium	4480		ug/L	80.0	80.0	1	04/05/22	04/05/22 19:05	VVD
Chromium	4.88		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:05	VVD
Cobalt	1.16		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:05	VVD
Copper	1.23		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:05	VVD
Iron	142		ug/L	100	5.00	1	04/05/22	04/05/22 19:05	VVD
Lead	1.63		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:05	VVD
Magnesium	2510		ug/L	100	100	1	04/05/22	04/05/22 19:05	VVD
Manganese	75.1		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:05	VVD
Mercury	0.138		ug/L	0.100	0.100	1	04/05/22	04/05/22 19:05	VVD
Nickel	4.08		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:05	VVD
Potassium	1430	B	ug/L	100	100	1	04/05/22	04/05/22 19:05	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:05	VVD
Silver	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:05	VVD
Sodium	3990		ug/L	100	100	1	04/05/22	04/05/22 19:05	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:05	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:05	VVD
Zinc	4.01		ug/L	4.00	4.00	1	04/05/22	04/05/22 19:05	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

MW-2B

2032911-05 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.16		mg/L	0.02	0.02	1	04/12/22	04/12/22 15:13	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	03/30/22	03/30/22 16:49	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	70.53		uS/cm			1	04/04/22	04/04/22 17:58	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	4.50		mg/L	0.500	0.500	1	03/30/22	03/30/22 19:00	CRP
Nitrate	0.284		mg/L	0.050	0.050	1	03/30/22	03/30/22 19:00	CRP
Nitrate (as N)	0.064		mg/L	0.011	0.011	1	03/30/22	03/30/22 19:00	CRP
Sulfate	0.8		mg/L	0.3	0.3	1	03/30/22	03/30/22 19:00	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	10.5		mg/L	2.2	2.2	1	04/05/22	04/06/22 17:53	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	43.5		mg/L	10.0	10.0	1	04/01/22	04/04/22 17:35	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	28.9		mg/L	5.0	5.0	1	04/06/22	04/06/22 14:38	RP

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

MW-2A

2032911-06 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter) O-07									
pH	5.46		pH Units			1	03/29/22	03/29/22 18:44	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	9.89		NTU	0.500	0.110	1	03/30/22	03/30/22 10:08	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 18:48	LL
Acetonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 18:48	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 18:48	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	04/01/22	04/01/22 18:48	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Benzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Bromobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	04/01/22	04/01/22 18:48	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 18:48	LL
n-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
sec-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
tert-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
2-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
4-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Cyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

MW-2A

2032911-06 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,3-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Dichlorodifluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Dichlorofluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Diisopropyl ether (DIPE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 18:48	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Hexachlorobutadiene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 18:48	LL
Isobutanol	ND		ug/L	100	100	1	04/01/22	04/01/22 18:48	LL
Isopropylbenzene (Cumene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
4-Isopropyltoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Methacrylonitrile	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Methyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

MW-2A

2032911-06 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Methylcyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 18:48	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 18:48	LL
Naphthalene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Propionitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 18:48	LL
n-Propylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Styrene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Tetrachloroethene	1.3		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Tetrahydrofuran	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Toluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,2,3-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,2,4-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,1,2-Trichlorotrifluoroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,2,4-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
1,3,5-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 18:48	LL
Surrogate: 1,2-Dichloroethane-d4		70-130		111 %			04/01/22	04/01/22 18:48	
Surrogate: Toluene-d8		75-120		98 %			04/01/22	04/01/22 18:48	
Surrogate: 4-Bromofluorobenzene		75-120		95 %			04/01/22	04/01/22 18:48	

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

MW-2A

2032911-06 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/05/22	04/06/22 00:06	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/06/22 00:06	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	22200		ug/L	500	500	1	04/05/22	04/05/22 19:08	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:08	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:08	VVD
Barium	11.0		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:08	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:08	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:08	VVD
Calcium	4540		ug/L	80.0	80.0	1	04/05/22	04/05/22 19:08	VVD
Chromium	6.66		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:08	VVD
Cobalt	2.27		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:08	VVD
Copper	5.94		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:08	VVD
Iron	468		ug/L	100	5.00	1	04/05/22	04/05/22 19:08	VVD
Lead	1.29		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:08	VVD
Magnesium	2650		ug/L	100	100	1	04/05/22	04/05/22 19:08	VVD
Manganese	110		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:08	VVD
Mercury	0.180		ug/L	0.100	0.100	1	04/05/22	04/05/22 19:08	VVD
Nickel	7.45		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:08	VVD
Potassium	1580	B	ug/L	100	100	1	04/05/22	04/05/22 19:08	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:08	VVD
Silver	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:08	VVD
Sodium	4450		ug/L	100	100	1	04/05/22	04/05/22 19:08	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:08	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:08	VVD
Zinc	13.2		ug/L	4.00	4.00	1	04/05/22	04/05/22 19:08	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

MW-2A

2032911-06 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	ND		mg/L	0.02	0.02	1	04/12/22	04/12/22 15:13	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	03/30/22	03/30/22 16:49	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	78.09		uS/cm			1	04/04/22	04/04/22 17:58	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	5.37		mg/L	0.500	0.500	1	03/30/22	03/30/22 19:18	CRP
Nitrate	0.371		mg/L	0.050	0.050	1	03/30/22	03/30/22 19:18	CRP
Nitrate (as N)	0.084		mg/L	0.011	0.011	1	03/30/22	03/30/22 19:18	CRP
Sulfate	0.6		mg/L	0.3	0.3	1	03/30/22	03/30/22 19:18	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	105		mg/L	5.6	5.6	1	04/05/22	04/06/22 17:53	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	50.5		mg/L	10.0	10.0	1	04/01/22	04/04/22 17:35	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	31.7		mg/L	5.0	5.0	1	04/06/22	04/06/22 14:43	RP

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB-10

2032911-07 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									O-07
pH	6.14		pH Units			1	03/29/22	03/29/22 18:44	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	2.63		NTU	0.500	0.110	1	03/30/22	03/30/22 10:08	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 19:13	LL
Acetonitrile	5.1		ug/L	5.0	5.0	1	04/01/22	04/01/22 19:13	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 19:13	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	04/01/22	04/01/22 19:13	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Benzene	2.1		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Bromobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
tert-Butanol (TBA)	54.3		ug/L	15.0	15.0	1	04/01/22	04/01/22 19:13	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 19:13	LL
n-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
sec-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
tert-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Chlorobenzene	5.7		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
2-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
4-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Cyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB-10

2032911-07 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,3-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,4-Dichlorobenzene	10.8		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Dichlorodifluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,1-Dichloroethane	1.7		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
cis-1,2-Dichloroethene	23.1		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
trans-1,2-Dichloroethene	1.9		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Dichlorofluoromethane	2.5		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,2-Dichloropropane	2.2		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Diisopropyl ether (DIPE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 19:13	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Hexachlorobutadiene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 19:13	LL
Isobutanol	ND		ug/L	100	100	1	04/01/22	04/01/22 19:13	LL
Isopropylbenzene (Cumene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
4-Isopropyltoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Methacrylonitrile	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Methyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Methylcyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB-10

2032911-07 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 19:13	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 19:13	LL
Naphthalene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Propionitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 19:13	LL
n-Propylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Styrene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Tetrahydrofuran	7.0		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Toluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,2,3-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,2,4-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Trichloroethene	1.7		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,1,2-Trichlorotrifluoroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,2,4-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
1,3,5-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Vinyl chloride	24.8		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:13	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	111 %			04/01/22	04/01/22 19:13	
Surrogate: Toluene-d8			75-120	99 %			04/01/22	04/01/22 19:13	
Surrogate: 4-Bromofluorobenzene			75-120	97 %			04/01/22	04/01/22 19:13	

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB-10

2032911-07 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/05/22	04/06/22 01:41	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/06/22 01:41	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	494000		ug/L	5000	5000	10	04/05/22	04/06/22 20:27	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:10	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:10	VVD
Barium	87.8		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:10	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:10	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:10	VVD
Calcium	104000		ug/L	800	800	10	04/05/22	04/06/22 20:27	VVD
Chromium	1.47		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:10	VVD
Cobalt	13.3		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:10	VVD
Copper	2.92		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:10	VVD
Iron	1260		ug/L	100	5.00	1	04/05/22	04/05/22 19:10	VVD
Lead	1.85		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:10	VVD
Magnesium	56900		ug/L	1000	1000	10	04/05/22	04/06/22 20:27	VVD
Manganese	8610		ug/L	10.0	10.0	10	04/05/22	04/06/22 20:27	VVD
Mercury	0.186		ug/L	0.100	0.100	1	04/05/22	04/05/22 19:10	VVD
Nickel	16.5		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:10	VVD
Potassium	4450	B	ug/L	100	100	1	04/05/22	04/05/22 19:10	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:10	VVD
Silver	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:10	VVD
Sodium	29400		ug/L	100	100	1	04/05/22	04/05/22 19:10	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:10	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:10	VVD
Zinc	5.38		ug/L	4.00	4.00	1	04/05/22	04/05/22 19:10	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

OB-10

2032911-07 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.04		mg/L	0.02	0.02	1	04/12/22	04/12/22 15:14	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	14.5		mg/L	3.0	3.0	1	03/30/22	03/30/22 16:50	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	1239		uS/cm			1	04/04/22	04/04/22 17:58	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	287		mg/L	0.500	0.500	1	03/30/22	03/30/22 19:37	CRP
Nitrate	ND		mg/L	0.050	0.050	1	03/30/22	03/30/22 19:37	CRP
Nitrate (as N)	ND		mg/L	0.011	0.011	1	03/30/22	03/30/22 19:37	CRP
Sulfate	1.8		mg/L	0.3	0.3	1	03/30/22	03/30/22 19:37	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	11.6		mg/L	2.3	2.3	1	04/05/22	04/06/22 17:53	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	676		mg/L	10.0	10.0	1	04/01/22	04/04/22 17:35	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	167		mg/L	5.0	5.0	1	04/06/22	04/06/22 14:48	RP

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

MW-4

2032911-08 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter) O-07									
pH	5.89		pH Units			1	03/29/22	03/29/22 18:44	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	183		NTU	5.00	1.10	10	03/30/22	03/30/22 10:37	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 19:38	LL
Acetonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 19:38	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 19:38	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	04/01/22	04/01/22 19:38	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Benzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Bromobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	04/01/22	04/01/22 19:38	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 19:38	LL
n-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
sec-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
tert-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
2-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
4-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Cyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

MW-4

2032911-08 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting	Detection	Dilution	Prepared	Analyzed	Analyst	
				Limit (MRL)	Limit (LOD)					
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)										
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
Dibromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
1,3-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
Dichlorodifluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
Dichlorofluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
Diisopropyl ether (DIPE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 19:38	LL	
Ethyl tert-butyl ether (ETBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
Hexachlorobutadiene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
2-Hexanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 19:38	LL	
Isobutanol	ND		ug/L	100	100	1	04/01/22	04/01/22 19:38	LL	
Isopropylbenzene (Cumene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
4-Isopropyltoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
Methacrylonitrile	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
Methyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	
Iodomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL	

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

MW-4

2032911-08 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Methylcyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 19:38	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 19:38	LL
Naphthalene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Propionitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 19:38	LL
n-Propylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Styrene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Tetrahydrofuran	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Toluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
1,2,3-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
1,2,4-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
1,1,2-Trichlorotrifluoroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
1,2,4-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
1,3,5-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 19:38	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	112 %	04/01/22		04/01/22 19:38		
Surrogate: Toluene-d8			75-120	99 %	04/01/22		04/01/22 19:38		
Surrogate: 4-Bromofluorobenzene			75-120	97 %	04/01/22		04/01/22 19:38		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

MW-4

**2032911-08 (Nonpotable Water)
Sample Date: 03/29/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/05/22	04/06/22 01:57	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/06/22 01:57	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	229000		ug/L	500	500	1	04/05/22	04/05/22 19:12	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:12	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:12	VVD
Barium	82.4		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:12	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:12	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:12	VVD
Calcium	45900		ug/L	80.0	80.0	1	04/05/22	04/05/22 19:12	VVD
Chromium	4.20		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:12	VVD
Cobalt	2.79		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:12	VVD
Copper	4.11		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:12	VVD
Iron	4720		ug/L	100	5.00	1	04/05/22	04/05/22 19:12	VVD
Lead	5.51		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:12	VVD
Magnesium	27800		ug/L	100	100	1	04/05/22	04/05/22 19:12	VVD
Manganese	676		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:12	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/05/22	04/05/22 19:12	VVD
Nickel	3.61		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:12	VVD
Potassium	3470	B	ug/L	100	100	1	04/05/22	04/05/22 19:12	VVD
Selenium	1.40		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:12	VVD
Silver	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:12	VVD
Sodium	31700		ug/L	100	100	1	04/05/22	04/05/22 19:12	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:12	VVD
Vanadium	2.18		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:12	VVD
Zinc	13.8		ug/L	4.00	4.00	1	04/05/22	04/05/22 19:12	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

MW-4

2032911-08 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	ND		mg/L	0.02	0.02	1	04/12/22	04/12/22 15:14	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	03/30/22	03/30/22 16:51	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	697.4		uS/cm			1	04/04/22	04/04/22 17:58	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	175		mg/L	0.500	0.500	1	03/30/22	03/30/22 19:55	CRP
Nitrate	2.94		mg/L	0.050	0.050	1	03/30/22	03/30/22 19:55	CRP
Nitrate (as N)	0.665		mg/L	0.011	0.011	1	03/30/22	03/30/22 19:55	CRP
Sulfate	4.6		mg/L	0.3	0.3	1	03/30/22	03/30/22 19:55	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	711		mg/L	16.7	16.7	1	04/05/22	04/06/22 17:53	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	389		mg/L	10.0	10.0	1	04/01/22	04/04/22 17:35	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	49.8		mg/L	5.0	5.0	1	04/06/22	04/06/22 14:53	RP

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

ST-065

2032911-09 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter) O-07									
pH	7.59		pH Units			1	03/29/22	03/29/22 18:44	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	2.66		NTU	0.500	0.110	1	03/30/22	03/30/22 10:09	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:02	LL
Acetonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:02	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:02	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	04/01/22	04/01/22 20:02	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Benzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Bromobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	04/01/22	04/01/22 20:02	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:02	LL
n-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
sec-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
tert-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
2-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
4-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Cyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

ST-065

2032911-09 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting	Detection	Dilution	Prepared	Analyzed	Analyst	
				Limit (MRL)	Limit (LOD)					
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)										
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
Dibromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
1,3-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
Dichlorodifluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
Dichlorofluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
Diisopropyl ether (DIPE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:02	LL	
Ethyl tert-butyl ether (ETBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
Hexachlorobutadiene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
2-Hexanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:02	LL	
Isobutanol	ND		ug/L	100	100	1	04/01/22	04/01/22 20:02	LL	
Isopropylbenzene (Cumene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
4-Isopropyltoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
Methacrylonitrile	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
Methyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	
Iodomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL	

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

ST-065

2032911-09 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Methylcyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:02	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:02	LL
Naphthalene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Propionitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:02	LL
n-Propylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Styrene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Tetrahydrofuran	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Toluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
1,2,3-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
1,2,4-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
1,1,2-Trichlorotrifluoroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
1,2,4-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
1,3,5-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:02	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	112 %	04/01/22		04/01/22 20:02		
Surrogate: Toluene-d8			75-120	99 %	04/01/22		04/01/22 20:02		
Surrogate: 4-Bromofluorobenzene			75-120	96 %	04/01/22		04/01/22 20:02		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

ST-065

2032911-09 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/05/22	04/06/22 02:12	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/06/22 02:12	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	175000		ug/L	500	500	1	04/05/22	04/05/22 19:20	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:20	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:20	VVD
Barium	49.0		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:20	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:20	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:20	VVD
Calcium	36800		ug/L	80.0	80.0	1	04/05/22	04/05/22 19:20	VVD
Chromium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:20	VVD
Cobalt	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:20	VVD
Copper	1.04		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:20	VVD
Iron	394		ug/L	100	5.00	1	04/05/22	04/05/22 19:20	VVD
Lead	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:20	VVD
Magnesium	20200		ug/L	100	100	1	04/05/22	04/05/22 19:20	VVD
Manganese	166		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:20	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/05/22	04/05/22 19:20	VVD
Nickel	5.44		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:20	VVD
Potassium	2800	B	ug/L	100	100	1	04/05/22	04/05/22 19:20	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:20	VVD
Silver	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:20	VVD
Sodium	88000		ug/L	100	100	1	04/05/22	04/05/22 19:20	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:20	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:20	VVD
Zinc	6.49		ug/L	4.00	4.00	1	04/05/22	04/05/22 19:20	VVD

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

ST-065

2032911-09 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.02		mg/L	0.02	0.02	1	04/12/22	04/12/22 15:15	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	6.6		mg/L	3.0	3.0	1	03/30/22	03/30/22 16:51	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	838.3		uS/cm			1	04/04/22	04/04/22 17:58	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	198		mg/L	0.500	0.500	1	03/30/22	03/30/22 20:14	CRP
Nitrate	5.33		mg/L	0.050	0.050	1	03/30/22	03/30/22 20:14	CRP
Nitrate (as N)	1.20		mg/L	0.011	0.011	1	03/30/22	03/30/22 20:14	CRP
Sulfate	13.5		mg/L	0.3	0.3	1	03/30/22	03/30/22 20:14	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	2.5		mg/L	2.2	2.2	1	04/05/22	04/06/22 17:53	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	427		mg/L	10.0	10.0	1	04/01/22	04/04/22 17:35	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	79.0		mg/L	5.0	5.0	1	04/06/22	04/06/22 14:58	RP

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

ST-70

2032911-10 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter) O-07									
pH	7.79		pH Units			1	03/29/22	03/29/22 18:44	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	4.37		NTU	0.500	0.110	1	03/30/22	03/30/22 10:10	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:26	LL
Acetonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:26	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:26	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	04/01/22	04/01/22 20:26	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Benzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Bromobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	04/01/22	04/01/22 20:26	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:26	LL
n-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
sec-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
tert-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
2-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
4-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Cyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

ST-70

**2032911-10 (Nonpotable Water)
Sample Date: 03/29/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,3-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Dichlorodifluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Dichlorofluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Diisopropyl ether (DIPE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:26	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Hexachlorobutadiene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:26	LL
Isobutanol	ND		ug/L	100	100	1	04/01/22	04/01/22 20:26	LL
Isopropylbenzene (Cumene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
4-Isopropyltoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Methacrylonitrile	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Methyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

ST-70

**2032911-10 (Nonpotable Water)
Sample Date: 03/29/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Methylcyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:26	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:26	LL
Naphthalene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Propionitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:26	LL
n-Propylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Styrene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Tetrahydrofuran	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Toluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,2,3-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,2,4-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,1,2-Trichlorotrifluoroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,2,4-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
1,3,5-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:26	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	112 %	04/01/22		04/01/22 20:26		
Surrogate: Toluene-d8			75-120	99 %	04/01/22		04/01/22 20:26		
Surrogate: 4-Bromofluorobenzene			75-120	96 %	04/01/22		04/01/22 20:26		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

ST-70

**2032911-10 (Nonpotable Water)
Sample Date: 03/29/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/05/22	04/06/22 02:29	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/06/22 02:29	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	209000		ug/L	500	500	1	04/05/22	04/05/22 19:22	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:22	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:22	VVD
Barium	79.8		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:22	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:22	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:22	VVD
Calcium	49500		ug/L	80.0	80.0	1	04/05/22	04/05/22 19:22	VVD
Chromium	5.44		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:22	VVD
Cobalt	1.75		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:22	VVD
Copper	1.91		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:22	VVD
Iron	400		ug/L	100	5.00	1	04/05/22	04/05/22 19:22	VVD
Lead	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:22	VVD
Magnesium	20800		ug/L	100	100	1	04/05/22	04/05/22 19:22	VVD
Manganese	348		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:22	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/05/22	04/05/22 19:22	VVD
Nickel	6.66		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:22	VVD
Potassium	5730	QB-01, B	ug/L	100	100	1	04/05/22	04/05/22 19:22	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:22	VVD
Silver	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:22	VVD
Sodium	87700		ug/L	100	100	1	04/05/22	04/05/22 19:22	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:22	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/05/22	04/05/22 19:22	VVD
Zinc	9.43		ug/L	4.00	4.00	1	04/05/22	04/05/22 19:22	VVD

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

ST-70

2032911-10 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.14		mg/L	0.02	0.02	1	04/12/22	04/12/22 15:15	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	9.4		mg/L	3.0	3.0	1	03/30/22	03/30/22 16:52	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	915.3		uS/cm			1	04/04/22	04/04/22 17:58	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	200		mg/L	0.500	0.500	1	03/30/22	03/30/22 20:32	CRP
Nitrate	6.20		mg/L	0.050	0.050	1	03/30/22	03/30/22 20:32	CRP
Nitrate (as N)	1.40		mg/L	0.011	0.011	1	03/30/22	03/30/22 20:32	CRP
Sulfate	23.1		mg/L	0.3	0.3	1	03/30/22	03/30/22 20:32	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	6.0		mg/L	2.3	2.3	1	04/05/22	04/06/22 17:53	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	482		mg/L	10.0	10.0	1	04/01/22	04/04/22 17:35	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	106		mg/L	5.0	5.0	1	04/06/22	04/06/22 15:14	RP

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

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2032911-11 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:50	LL
Acetonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:50	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:50	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	04/01/22	04/01/22 20:50	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Benzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Bromobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	04/01/22	04/01/22 20:50	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:50	LL
n-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
sec-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
tert-Butylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
2-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
4-Chlorotoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Cyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

TRIP BLANK

2032911-11 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting	Detection	Dilution	Prepared	Analyzed	Analyst	
				Limit (MRL)	Limit (LOD)					
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)										
1,3-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
Dichlorodifluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
Dichlorofluoromethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
Diisopropyl ether (DIPE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:50	LL	
Ethyl tert-butyl ether (ETBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
Hexachlorobutadiene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
2-Hexanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:50	LL	
Isobutanol	ND		ug/L	100	100	1	04/01/22	04/01/22 20:50	LL	
Isopropylbenzene (Cumene)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
4-Isopropyltoluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
Methacrylonitrile	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
Methyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
Iodomethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
Methylcyclohexane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:50	LL	
Methylene chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL	

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

TRIP BLANK

2032911-11 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:50	LL
Naphthalene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Propionitrile	ND		ug/L	5.0	5.0	1	04/01/22	04/01/22 20:50	LL
n-Propylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Styrene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Tetrahydrofuran	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Toluene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
1,2,3-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
1,2,4-Trichlorobenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
1,1,2-Trichlorotrifluoroethane	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
1,2,4-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
1,3,5-Trimethylbenzene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/01/22	04/01/22 20:50	LL
Surrogate: 1,2-Dichloroethane-d4				70-130	110 %		04/01/22	04/01/22 20:50	
Surrogate: Toluene-d8				75-120	98 %		04/01/22	04/01/22 20:50	
Surrogate: 4-Bromofluorobenzene				75-120	97 %		04/01/22	04/01/22 20:50	

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Will Brewington, President

1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/13/22 11:27

TRIP BLANK

2032911-11 (Nonpotable Water)
Sample Date: 03/29/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/05/22	04/06/22 02:44	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/05/22	04/06/22 02:44	EH

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Will Brewington, President

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

pH measurement by EPA 9040C / SM 4500-H+ B-2011 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B203551 - pH (Paper or Meter)

Reference (B203551-SRM1)

Prepared & Analyzed: 03/29/22

pH	7.01			pH Units	7.003		100	99.93-100.07		
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Will Brewington, President

1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/13/22 11:27

Turbidity by EPA 180.1 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B203553 - Turbidity Prep

Blank (B203553-BLK1)

Prepared & Analyzed: 03/30/22

Turbidity	ND		0.500	NTU						
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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204010 - GCMS-WATER-VOLATILES

Blank (B204010-BLK1)

Prepared & Analyzed: 04/01/22

Acetone	ND		5.0	ug/L						
Acrylonitrile	ND		5.0	ug/L						
Allyl chloride (3-Chloropropylene)	ND		1.0	ug/L						
Benzene	ND		1.0	ug/L						
Bromochloromethane	ND		1.0	ug/L						
Bromodichloromethane	ND		1.0	ug/L						
Bromoform	ND		1.0	ug/L						
Bromomethane	ND		1.0	ug/L						
2-Butanone (MEK)	ND		5.0	ug/L						
Carbon disulfide	ND		1.0	ug/L						
Carbon tetrachloride	ND		1.0	ug/L						
Chlorobenzene	ND		1.0	ug/L						
Chloroethane	ND		1.0	ug/L						
Chloroform	ND		1.0	ug/L						
Chloromethane	ND		1.0	ug/L						
Chloroprene	ND		1.0	ug/L						
Dibromochloromethane	ND		1.0	ug/L						
1,2-Dibromo-3-chloropropane	ND		1.0	ug/L						
1,2-Dibromoethane (EDB)	ND		1.0	ug/L						
Dibromomethane	ND		1.0	ug/L						
1,2-Dichlorobenzene	ND		1.0	ug/L						
1,4-Dichlorobenzene	ND		1.0	ug/L						
trans-1,4-Dichloro-2-butene	ND		1.0	ug/L						
1,1-Dichloroethane	ND		1.0	ug/L						
1,2-Dichloroethane	ND		1.0	ug/L						
1,1-Dichloroethene	ND		1.0	ug/L						
cis-1,2-Dichloroethene	ND		1.0	ug/L						
trans-1,2-Dichloroethene	ND		1.0	ug/L						
1,2-Dichloropropane	ND		1.0	ug/L						
1,3-Dichloropropane	ND		1.0	ug/L						
2,2-Dichloropropane	ND		1.0	ug/L						

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204010 - GCMS-WATER-VOLATILES

Blank (B204010-BLK1)

Prepared & Analyzed: 04/01/22

1,1-Dichloropropene	ND		1.0	ug/L						
cis-1,3-Dichloropropene	ND		1.0	ug/L						
trans-1,3-Dichloropropene	ND		1.0	ug/L						
Ethyl methacrylate	ND		5.0	ug/L						
Ethylbenzene	ND		1.0	ug/L						
2-Hexanone	ND		5.0	ug/L						
Isobutanol	ND		100	ug/L						
Iodomethane	ND		1.0	ug/L						
Methyl tert-butyl ether (MTBE)	ND		1.0	ug/L						
4-Methyl-2-pentanone	ND		5.0	ug/L						
Methylene chloride	ND		1.0	ug/L						
Methyl methacrylate	ND		5.0	ug/L						
Styrene	ND		1.0	ug/L						
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L						
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L						
Tetrachloroethene	ND		1.0	ug/L						
Toluene	ND		1.0	ug/L						
1,1,1-Trichloroethane	ND		1.0	ug/L						
1,1,2-Trichloroethane	ND		1.0	ug/L						
Trichloroethene	ND		1.0	ug/L						
Trichlorofluoromethane (Freon 11)	ND		1.0	ug/L						
1,2,3-Trichloropropane	ND		1.0	ug/L						
Vinyl acetate	ND		1.0	ug/L						
Vinyl chloride	ND		1.0	ug/L						
o-Xylene	ND		1.0	ug/L						
m- & p-Xylenes	ND		1.0	ug/L						
Surrogate: 1,2-Dichloroethane-d4	53.58			ug/L	50.00		107	70-130		
Surrogate: Toluene-d8	49.22			ug/L	50.00		98	75-120		
Surrogate: 4-Bromofluorobenzene	48.15			ug/L	50.00		96	75-120		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204010 - GCMS-WATER-VOLATILES

LCS (B204010-BS1)

Prepared & Analyzed: 04/01/22

Acetone	10.8		5.0	ug/L	10.00		108	50-150		
Acrylonitrile	5.6		5.0	ug/L	5.000		111	50-150		
Benzene	5.6		1.0	ug/L	5.000		112	50-150		
Bromochloromethane	5.9		1.0	ug/L	5.000		119	50-150		
Bromodichloromethane	5.3		1.0	ug/L	5.000		106	50-150		
Bromoform	4.9		1.0	ug/L	5.000		98	50-150		
Bromomethane	5.9		1.0	ug/L	5.000		118	50-150		
2-Butanone (MEK)	10.1		5.0	ug/L	10.00		101	50-150		
Carbon disulfide	6.0		1.0	ug/L	5.000		121	50-150		
Carbon tetrachloride	5.3		1.0	ug/L	5.000		106	50-150		
Chlorobenzene	5.4		1.0	ug/L	5.000		108	50-150		
Chloroethane	5.8		1.0	ug/L	5.000		116	50-150		
Chloroform	5.5		1.0	ug/L	5.000		110	50-150		
Chloromethane	5.8		1.0	ug/L	5.000		116	50-150		
Dibromochloromethane	5.1		1.0	ug/L	5.000		101	50-150		
1,2-Dibromo-3-chloropropane	5.1		1.0	ug/L	5.000		103	50-150		
1,2-Dibromoethane (EDB)	5.0		1.0	ug/L	5.000		101	50-150		
Dibromomethane	5.6		1.0	ug/L	5.000		111	50-150		
1,2-Dichlorobenzene	5.6		1.0	ug/L	5.000		111	50-150		
1,4-Dichlorobenzene	5.6		1.0	ug/L	5.000		111	50-150		
1,1-Dichloroethane	5.7		1.0	ug/L	5.000		114	50-150		
1,2-Dichloroethane	5.1		1.0	ug/L	5.000		102	50-150		
1,1-Dichloroethene	5.7		1.0	ug/L	5.000		114	50-150		
cis-1,2-Dichloroethene	5.5		1.0	ug/L	5.000		111	50-150		
trans-1,2-Dichloroethene	5.7		1.0	ug/L	5.000		114	50-150		
1,2-Dichloropropane	5.3		1.0	ug/L	5.000		106	50-150		
1,3-Dichloropropane	5.1		1.0	ug/L	5.000		102	50-150		
2,2-Dichloropropane	5.4		1.0	ug/L	5.000		109	50-150		
1,1-Dichloropropene	5.6		1.0	ug/L	5.000		111	50-150		
cis-1,3-Dichloropropene	5.0		1.0	ug/L	5.000		100	50-150		
trans-1,3-Dichloropropene	4.9		1.0	ug/L	5.000		99	50-150		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204010 - GCMS-WATER-VOLATILES

LCS (B204010-BS1)

Prepared & Analyzed: 04/01/22

Ethylbenzene	5.5		1.0	ug/L	5.000		110	50-150		
2-Hexanone	10.3		5.0	ug/L	10.00		103	50-150		
Methyl tert-butyl ether (MTBE)	5.2		1.0	ug/L	5.000		104	50-150		
4-Methyl-2-pentanone	10.3		5.0	ug/L	10.00		103	50-150		
Methylene chloride	6.6		1.0	ug/L	5.000		132	0-200		
Methyl methacrylate	5.3		5.0	ug/L	5.000		106	50-150		
Styrene	4.8		1.0	ug/L	5.000		96	50-150		
1,1,1,2-Tetrachloroethane	4.8		1.0	ug/L	5.000		96	50-150		
1,1,2,2-Tetrachloroethane	5.2		1.0	ug/L	5.000		104	50-150		
Tetrachloroethene	5.2		1.0	ug/L	5.000		103	50-150		
Toluene	5.4		1.0	ug/L	5.000		107	50-150		
1,1,1-Trichloroethane	5.3		1.0	ug/L	5.000		106	50-150		
1,1,2-Trichloroethane	5.0		1.0	ug/L	5.000		101	50-150		
Trichloroethene	5.4		1.0	ug/L	5.000		109	50-150		
Trichlorofluoromethane (Freon 11)	5.7		1.0	ug/L	5.000		115	50-150		
1,2,3-Trichloropropane	5.3		1.0	ug/L	5.000		105	50-150		
Vinyl acetate	3.7		1.0	ug/L	5.000		74	50-150		
Vinyl chloride	6.1		1.0	ug/L	5.000		121	50-150		
o-Xylene	5.1		1.0	ug/L	5.000		103	50-150		
m- & p-Xylenes	10.7		1.0	ug/L	10.00		107	50-150		
Surrogate: 1,2-Dichloroethane-d4	51.25			ug/L	50.00		103	70-130		
Surrogate: Toluene-d8	48.94			ug/L	50.00		98	75-120		
Surrogate: 4-Bromofluorobenzene	50.16			ug/L	50.00		100	75-120		

Duplicate (B204010-DUP1)

Source: 2033002-01

Prepared & Analyzed: 04/01/22

Acetone	36.2		5.0	ug/L		5.2			149	20
Acrylonitrile	ND		5.0	ug/L		ND				15
Allyl chloride (3-Chloropropylene)	ND		1.0	ug/L		ND				20
Benzene	ND		1.0	ug/L		ND				20
Bromochloromethane	ND		1.0	ug/L		ND				20
Bromodichloromethane	ND		1.0	ug/L		ND				20
Bromoform	ND		1.0	ug/L		ND				20

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204010 - GCMS-WATER-VOLATILES

Duplicate (B204010-DUP1)	Source: 2033002-01	Prepared & Analyzed: 04/01/22		
Bromomethane	ND	1.0 ug/L	ND	20
2-Butanone (MEK)	24.4	5.0 ug/L	ND	20
Carbon disulfide	ND	1.0 ug/L	ND	20
Carbon tetrachloride	ND	1.0 ug/L	ND	20
Chlorobenzene	ND	1.0 ug/L	ND	20
Chloroethane	ND	1.0 ug/L	ND	20
Chloroform	ND	1.0 ug/L	ND	20
Chloromethane	ND	1.0 ug/L	ND	20
Chloroprene	ND	1.0 ug/L	ND	20
Dibromochloromethane	ND	1.0 ug/L	ND	20
1,2-Dibromo-3-chloropropane	ND	1.0 ug/L	ND	20
1,2-Dibromoethane (EDB)	ND	1.0 ug/L	ND	20
Dibromomethane	ND	1.0 ug/L	ND	20
1,2-Dichlorobenzene	ND	1.0 ug/L	ND	20
1,4-Dichlorobenzene	ND	1.0 ug/L	ND	20
trans-1,4-Dichloro-2-butene	ND	1.0 ug/L	ND	20
1,1-Dichloroethane	ND	1.0 ug/L	ND	20
1,2-Dichloroethane	ND	1.0 ug/L	ND	20
1,1-Dichloroethene	ND	1.0 ug/L	ND	20
cis-1,2-Dichloroethene	ND	1.0 ug/L	ND	20
trans-1,2-Dichloroethene	ND	1.0 ug/L	ND	20
1,2-Dichloropropane	ND	1.0 ug/L	ND	20
1,3-Dichloropropane	ND	1.0 ug/L	ND	20
2,2-Dichloropropane	ND	1.0 ug/L	ND	20
1,1-Dichloropropene	ND	1.0 ug/L	ND	20
cis-1,3-Dichloropropene	ND	1.0 ug/L	ND	20
trans-1,3-Dichloropropene	ND	1.0 ug/L	ND	20
Ethyl methacrylate	ND	5.0 ug/L	ND	20
Ethylbenzene	ND	1.0 ug/L	ND	20
2-Hexanone	ND	5.0 ug/L	ND	20
Isobutanol	ND	100 ug/L	ND	20

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204010 - GCMS-WATER-VOLATILES

Duplicate (B204010-DUP1)		Source: 2033002-01			Prepared & Analyzed: 04/01/22		
Iodomethane	ND		1.0	ug/L	ND		20
Methyl tert-butyl ether (MTBE)	ND		1.0	ug/L	ND		20
4-Methyl-2-pentanone	ND		5.0	ug/L	ND		20
Methylene chloride	ND		1.0	ug/L	ND		20
Methyl methacrylate	ND		5.0	ug/L	ND		20
Styrene	ND		1.0	ug/L	ND		20
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	ND		20
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	ND		20
Tetrachloroethene	ND		1.0	ug/L	ND		20
Toluene	ND		1.0	ug/L	ND		20
1,1,1-Trichloroethane	ND		1.0	ug/L	ND		20
1,1,2-Trichloroethane	ND		1.0	ug/L	ND		20
Trichloroethene	ND		1.0	ug/L	ND		20
Trichlorofluoromethane (Freon 11)	ND		1.0	ug/L	ND		20
1,2,3-Trichloropropane	ND		1.0	ug/L	ND		20
Vinyl acetate	ND		1.0	ug/L	ND		20
Vinyl chloride	ND		1.0	ug/L	ND		20
o-Xylene	ND		1.0	ug/L	ND		20
m- & p-Xylenes	ND		1.0	ug/L	ND		20
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>55.81</i>			<i>ug/L</i>	<i>50.00</i>	<i>112</i>	<i>70-130</i>
<i>Surrogate: Toluene-d8</i>	<i>49.31</i>			<i>ug/L</i>	<i>50.00</i>	<i>99</i>	<i>75-120</i>
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.00</i>			<i>ug/L</i>	<i>50.00</i>	<i>96</i>	<i>75-120</i>

Matrix Spike (B204010-MS1)		Source: 2033002-02			Prepared & Analyzed: 04/01/22			
Acetone	23.0		5.0	ug/L	10.00	24.4	NR	60-120
Acrylonitrile	11.9		5.0	ug/L	10.00	ND	119	0-200
Benzene	12.7		1.0	ug/L	10.00	ND	127	60-120
Bromochloromethane	12.9		1.0	ug/L	10.00	ND	129	60-120
Bromodichloromethane	12.1		1.0	ug/L	10.00	ND	121	60-120
Bromoform	10.7		1.0	ug/L	10.00	ND	107	60-120
Bromomethane	12.1		1.0	ug/L	10.00	ND	121	60-120
2-Butanone (MEK)	18.3		5.0	ug/L	10.00	13.7	47	60-120

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204010 - GCMS-WATER-VOLATILES

Matrix Spike (B204010-MS1)	Source: 2033002-02			Prepared & Analyzed: 04/01/22						
Carbon disulfide	13.0		1.0	ug/L	10.00	ND	130	60-120		
Carbon tetrachloride	12.5		1.0	ug/L	10.00	ND	125	60-120		
Chlorobenzene	11.9		1.0	ug/L	10.00	ND	119	60-120		
Chloroethane	13.8		1.0	ug/L	10.00	ND	138	60-120		
Chloroform	12.2		1.0	ug/L	10.00	ND	122	60-120		
Chloromethane	12.9		1.0	ug/L	10.00	ND	129	60-120		
Dibromochloromethane	11.6		1.0	ug/L	10.00	ND	116	60-120		
1,2-Dibromo-3-chloropropane	9.9		1.0	ug/L	10.00	ND	99	60-120		
1,2-Dibromoethane (EDB)	11.0		1.0	ug/L	10.00	ND	110	60-120		
Dibromomethane	12.2		1.0	ug/L	10.00	ND	122	60-120		
1,2-Dichlorobenzene	11.3		1.0	ug/L	10.00	ND	113	60-120		
1,4-Dichlorobenzene	12.0		1.0	ug/L	10.00	ND	120	60-120		
1,1-Dichloroethane	12.7		1.0	ug/L	10.00	ND	127	60-120		
1,2-Dichloroethane	11.7		1.0	ug/L	10.00	ND	117	60-120		
1,1-Dichloroethene	12.9		1.0	ug/L	10.00	ND	129	60-120		
cis-1,2-Dichloroethene	11.9		1.0	ug/L	10.00	ND	119	60-120		
trans-1,2-Dichloroethene	12.4		1.0	ug/L	10.00	ND	124	60-120		
1,2-Dichloropropane	12.1		1.0	ug/L	10.00	ND	121	60-120		
1,3-Dichloropropane	11.5		1.0	ug/L	10.00	ND	115	60-120		
2,2-Dichloropropane	10.3		1.0	ug/L	10.00	ND	103	60-120		
1,1-Dichloropropene	12.4		1.0	ug/L	10.00	ND	124	60-120		
cis-1,3-Dichloropropene	11.1		1.0	ug/L	10.00	ND	111	60-120		
trans-1,3-Dichloropropene	10.5		1.0	ug/L	10.00	ND	105	60-120		
Ethylbenzene	12.3		1.0	ug/L	10.00	ND	123	60-120		
2-Hexanone	10.7		5.0	ug/L	10.00	ND	107	60-120		
Methyl tert-butyl ether (MTBE)	11.0		1.0	ug/L	10.00	ND	110	60-120		
4-Methyl-2-pentanone	10.6		5.0	ug/L	10.00	ND	106	60-120		
Methylene chloride	12.1		1.0	ug/L	10.00	ND	121	60-120		
Methyl methacrylate	11.1		5.0	ug/L	10.00	ND	111	60-120		
Styrene	11.6		1.0	ug/L	10.00	ND	116	60-120		
1,1,1,2-Tetrachloroethane	11.3		1.0	ug/L	10.00	ND	113	60-120		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204010 - GCMS-WATER-VOLATILES

Matrix Spike (B204010-MS1)	Source: 2033002-02	Prepared & Analyzed: 04/01/22
1,1,2,2-Tetrachloroethane	11.2	1.0 ug/L 10.00 ND 112 60-120
Tetrachloroethene	11.6	1.0 ug/L 10.00 ND 116 60-120
Toluene	12.2	1.0 ug/L 10.00 ND 122 60-120
1,1,1-Trichloroethane	12.1	1.0 ug/L 10.00 ND 121 60-120
1,1,2-Trichloroethane	11.4	1.0 ug/L 10.00 ND 114 60-120
Trichloroethene	12.0	1.0 ug/L 10.00 ND 120 60-120
Trichlorofluoromethane (Freon 11)	13.0	1.0 ug/L 10.00 ND 130 60-120
1,2,3-Trichloropropane	11.3	1.0 ug/L 10.00 ND 113 60-120
Vinyl acetate	9.7	1.0 ug/L 10.00 ND 97 60-120
Vinyl chloride	13.5	1.0 ug/L 10.00 ND 135 60-120
o-Xylene	11.7	1.0 ug/L 10.00 ND 117 60-120
m- & p-Xylenes	24.1	1.0 ug/L 20.00 ND 120 60-120
Surrogate: 1,2-Dichloroethane-d4	50.24	ug/L 50.00 100 70-130
Surrogate: Toluene-d8	49.08	ug/L 50.00 98 75-120
Surrogate: 4-Bromofluorobenzene	51.29	ug/L 50.00 103 75-120

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

EDB and DBCP by EPA 8011 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204013 - 504.1 EDB/DBCP										
Blank (B204013-BLK1)					Prepared & Analyzed: 04/05/22					
1,2-Dibromo-3-chloropropane	ND		0.050	ug/L						
1,2-Dibromoethane (EDB)	ND		0.020	ug/L						
Blank (B204013-BLK2)					Prepared: 04/05/22 Analyzed: 04/06/22					
1,2-Dibromo-3-chloropropane	ND		0.050	ug/L						
1,2-Dibromoethane (EDB)	ND		0.020	ug/L						
LCS (B204013-BS1)					Prepared & Analyzed: 04/05/22					
1,2-Dibromo-3-chloropropane	0.100		0.050	ug/L	0.1006		99	70-130		
1,2-Dibromoethane (EDB)	0.113		0.020	ug/L	0.1006		113	70-130		
LCS (B204013-BS2)					Prepared: 04/05/22 Analyzed: 04/06/22					
1,2-Dibromo-3-chloropropane	0.099		0.050	ug/L	0.1006		98	70-130		
1,2-Dibromoethane (EDB)	0.124		0.020	ug/L	0.1006		123	70-130		
Matrix Spike (B204013-MS1)					Source: 2032402-03		Prepared & Analyzed: 04/05/22			
1,2-Dibromo-3-chloropropane	0.199		0.048	ug/L	0.1918	ND	104	70-130		
1,2-Dibromoethane (EDB)	0.234		0.019	ug/L	0.1918	ND	122	70-130		
Matrix Spike (B204013-MS2)					Source: 2032816-03		Prepared: 04/05/22 Analyzed: 04/06/22			
1,2-Dibromo-3-chloropropane	0.184		0.047	ug/L	0.1908	ND	96	70-130		
1,2-Dibromoethane (EDB)	0.214		0.019	ug/L	0.1908	ND	112	70-130		
Reference (B204013-SRM1)					Prepared & Analyzed: 04/05/22					
1,2-Dibromo-3-chloropropane	0.019		0.050	ug/L	0.02011		95	50-150		
1,2-Dibromoethane (EDB)	0.025		0.020	ug/L	0.02011		123	50-150		
Reference (B204013-SRM2)					Prepared: 04/05/22 Analyzed: 04/06/22					
1,2-Dibromo-3-chloropropane	0.017		0.050	ug/L	0.02011		85	50-150		
1,2-Dibromoethane (EDB)	0.023		0.020	ug/L	0.02011		115	50-150		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204072 - 3010A-Metals Digestion

Blank (B204072-BLK1)

Prepared & Analyzed: 04/05/22

Hardness as CaCO3	ND		500	ug/L						
Antimony	ND		1.00	ug/L						
Arsenic	ND		1.00	ug/L						
Barium	ND		1.00	ug/L						
Beryllium	ND		1.00	ug/L						
Cadmium	ND		1.00	ug/L						
Calcium	ND		80.0	ug/L						
Chromium	ND		1.00	ug/L						
Cobalt	ND		1.00	ug/L						
Copper	ND		1.00	ug/L						
Iron	ND		100	ug/L						
Lead	ND		1.00	ug/L						
Magnesium	ND		100	ug/L						
Manganese	ND		1.00	ug/L						
Mercury	ND		0.100	ug/L						
Nickel	ND		1.00	ug/L						
Potassium	501	B	100	ug/L						
Selenium	ND		1.00	ug/L						
Silver	ND		1.00	ug/L						
Sodium	ND		100	ug/L						
Thallium	ND		1.00	ug/L						
Vanadium	ND		1.00	ug/L						
Zinc	ND		4.00	ug/L						

LCS (B204072-BS1)

Prepared & Analyzed: 04/05/22

Antimony	46.8		1.00	ug/L	50.00		94	80-120		
Arsenic	49.4		1.00	ug/L	50.00		99	80-120		
Barium	49.8		1.00	ug/L	50.00		100	80-120		
Beryllium	48.8		1.00	ug/L	50.00		98	80-120		
Cadmium	48.1		1.00	ug/L	50.00		96	80-120		
Calcium	5210		80.0	ug/L	5000		104	80-120		
Chromium	49.0		1.00	ug/L	50.00		98	80-120		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204072 - 3010A-Metals Digestion

LCS (B204072-BS1)

Prepared & Analyzed: 04/05/22

Cobalt	49.9		1.00	ug/L	50.00		100	80-120		
Copper	51.9		1.00	ug/L	50.00		104	80-120		
Iron	5120		100	ug/L	5000		102	80-120		
Lead	49.8		1.00	ug/L	50.00		100	80-120		
Magnesium	5060		100	ug/L	5000		101	80-120		
Manganese	51.8		1.00	ug/L	50.00		104	80-120		
Mercury	2.26		0.100	ug/L	2.500		90	80-120		
Nickel	49.0		1.00	ug/L	50.00		98	80-120		
Potassium	6550	S-98, B	100	ug/L	5000		131	80-120		
Selenium	51.7		1.00	ug/L	50.00		103	80-120		
Silver	49.3		1.00	ug/L	50.00		99	80-120		
Sodium	5160		100	ug/L	5000		103	80-120		
Thallium	50.2		1.00	ug/L	50.00		100	80-120		
Vanadium	48.3		1.00	ug/L	50.00		97	80-120		
Zinc	102		4.00	ug/L	100.0		102	80-120		

Duplicate (B204072-DUP1)

Source: 2040408-01

Prepared & Analyzed: 04/05/22

Hardness as CaCO3	286000		500	ug/L		289000		0.9		200
Antimony	1.73		1.00	ug/L		1.78		3		200
Arsenic	ND		1.00	ug/L		ND				200
Barium	22.3		1.00	ug/L		22.6		1		200
Beryllium	ND		1.00	ug/L		ND				200
Cadmium	ND		1.00	ug/L		ND				200
Calcium	89500		80.0	ug/L		90300		0.9		200
Chromium	ND		1.00	ug/L		ND				200
Cobalt	ND		1.00	ug/L		ND				200
Copper	ND		1.00	ug/L		ND				200
Iron	44.7	J	100	ug/L		38.3		16		200
Lead	ND		1.00	ug/L		ND				200
Magnesium	15300		100	ug/L		15400		0.9		200
Manganese	6.30		1.00	ug/L		6.19		2		200
Mercury	ND		0.100	ug/L		ND				200

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204072 - 3010A-Metals Digestion

Duplicate (B204072-DUP1)		Source: 2040408-01			Prepared & Analyzed: 04/05/22					
Nickel	2.39		1.00	ug/L	1.83				26	200
Potassium	12500	B	100	ug/L	7380				52	200
Selenium	1.20		1.00	ug/L	ND					200
Silver	ND		1.00	ug/L	ND					200
Sodium	144000	E	100	ug/L	145000				0.8	200
Thallium	ND		1.00	ug/L	ND					200
Vanadium	ND		1.00	ug/L	ND					200
Zinc	4.98		4.00	ug/L	4.46				11	200

Matrix Spike (B204072-MS1)		Source: 2040408-01			Prepared & Analyzed: 04/05/22					
Antimony	49.7		1.00	ug/L	50.00	1.78	96	60-140		
Arsenic	51.1		1.00	ug/L	50.00	ND	102	60-140		
Barium	72.7		1.00	ug/L	50.00	22.6	100	60-140		
Beryllium	50.7		1.00	ug/L	50.00	ND	101	60-140		
Cadmium	48.0		1.00	ug/L	50.00	ND	96	60-140		
Calcium	95600		80.0	ug/L	5000	90300	107	60-140		
Chromium	49.4		1.00	ug/L	50.00	ND	99	60-140		
Cobalt	50.2		1.00	ug/L	50.00	ND	100	60-140		
Copper	51.2		1.00	ug/L	50.00	ND	102	60-140		
Iron	5140		100	ug/L	5000	38.3	102	60-140		
Lead	50.9		1.00	ug/L	50.00	ND	102	60-140		
Magnesium	20300		100	ug/L	5000	15400	97	60-140		
Manganese	57.8		1.00	ug/L	50.00	6.19	103	60-140		
Mercury	2.37		0.100	ug/L	2.500	ND	95	60-140		
Nickel	51.4		1.00	ug/L	50.00	1.83	99	60-140		
Potassium	13400	B	100	ug/L	5000	7380	121	60-140		
Selenium	55.1		1.00	ug/L	50.00	ND	110	60-140		
Silver	46.4		1.00	ug/L	50.00	ND	93	60-140		
Sodium	148000	E	100	ug/L	5000	145000	62	60-140		
Thallium	51.4		1.00	ug/L	50.00	ND	103	60-140		
Vanadium	50.0		1.00	ug/L	50.00	ND	100	60-140		
Zinc	105		4.00	ug/L	100.0	4.46	101	60-140		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

Ammonia (as N) by EPA 350.1 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204221 - Ammonia Prep										
Blank (B204221-BLK1)					Prepared & Analyzed: 04/12/22					
Ammonia as N	ND		0.02	mg/L						
LCS (B204221-BS1)					Prepared & Analyzed: 04/12/22					
Ammonia as N	0.51		0.02	mg/L	0.5000		103	80-120		
Duplicate (B204221-DUP1)					Source: 2032907-01 Prepared & Analyzed: 04/12/22					
Ammonia as N	0.71		0.02	mg/L		0.71			0.7	200
Matrix Spike (B204221-MS1)					Source: 2032907-01 Prepared & Analyzed: 04/12/22					
Ammonia as N	1.16		0.02	mg/L	0.5000	0.71	90	80-120		
Batch B204222 - Ammonia Prep										
Blank (B204222-BLK1)					Prepared & Analyzed: 04/12/22					
Ammonia as N	ND		2.00	mg/L						
LCS (B204222-BS1)					Prepared & Analyzed: 04/12/22					
Ammonia as N	21.6		2.00	mg/L	20.00		108	80-120		
Duplicate (B204222-DUP1)					Source: 2032911-04 Prepared & Analyzed: 04/12/22					
Ammonia as N	18.5		2.00	mg/L		18.9			2	200
Matrix Spike (B204222-MS1)					Source: 2032911-04 Prepared & Analyzed: 04/12/22					
Ammonia as N	38.0		2.00	mg/L	20.00	18.9	96	80-120		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

Chemical Oxygen Demand by EPA 410.4 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B203559 - COD (03) Prep										
Blank (B203559-BLK1)					Prepared & Analyzed: 03/30/22					
COD	ND		3.0	mg/L						
LCS (B203559-BS1)					Prepared & Analyzed: 03/30/22					
COD	47.2		3.0	mg/L	50.00		94	90-110		
Duplicate (B203559-DUP1)					Source: 2032907-01		Prepared & Analyzed: 03/30/22			
COD	32.9	QR-03	3.0	mg/L		41.4			23	20
Matrix Spike (B203559-MS1)					Source: 2032907-01		Prepared & Analyzed: 03/30/22			
COD	95.5		3.0	mg/L	50.00	41.4	108	90-110		



Will Brewington, President

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1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/13/22 11:27

Conductivity by SM2510 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204042 - Conductivity

Duplicate (B204042-DUP1)		Source: 2032816-01		Prepared & Analyzed: 04/04/22						
Conductivity	367.1			uS/cm		369.5			0.7	20
Duplicate (B204042-DUP2)		Source: 2032911-03		Prepared & Analyzed: 04/04/22						
Conductivity	1812			uS/cm		1825			0.7	20



Will Brewington, President

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

Anions by EPA 300.0 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B203558 - 300.0 Anions Prep

Blank (B203558-BLK1)

Prepared & Analyzed: 03/30/22

Chloride	ND		0.500	mg/L						
Nitrate	ND		0.050	mg/L						
Nitrate (as N)	ND		0.011	mg/L						
Sulfate	ND		0.3	mg/L						

LCS (B203558-BS1)

Prepared & Analyzed: 03/30/22

Chloride	3.88		0.500	mg/L	4.000		97	90-110		
Nitrate	3.67		0.050	mg/L	4.000		92	90-110		
Nitrate (as N)	0.830		0.011	mg/L				90-110		
Sulfate	4.0		0.3	mg/L	4.000		100	90-110		

Duplicate (B203558-DUP1)

Source: 2032907-01

Prepared & Analyzed: 03/30/22

Chloride	42.5		0.500	mg/L		42.5			0.02	20
Nitrate	1.32		0.050	mg/L		1.31			0.8	200
Nitrate (as N)	0.299		0.011	mg/L		0.296			0.8	200
Sulfate	25.1		0.3	mg/L		25.1			0.1	20

Matrix Spike (B203558-MS1)

Source: 2032907-01

Prepared & Analyzed: 03/30/22

Chloride	44.4	QM-4X	0.500	mg/L	4.000	42.5	48	80-120		
Nitrate	5.01		0.050	mg/L	4.000	1.31	93	80-120		
Nitrate (as N)	1.13		0.011	mg/L		0.296		80-120		
Sulfate	28.3		0.3	mg/L	4.000	25.1	80	80-120		

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Will Brewington, President

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

Total Suspended Solids by USGS I-3765-85 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204082 - TSS PREP										
Blank (B204082-BLK1)					Prepared: 04/05/22 Analyzed: 04/06/22					
Solids, Suspended	ND		2.5	mg/L						
LCS (B204082-BS1)					Prepared: 04/05/22 Analyzed: 04/06/22					
Solids, Suspended	59.1		2.5	mg/L	55.20		107	70-130		
Duplicate (B204082-DUP1)			Source: 2032911-01			Prepared: 04/05/22 Analyzed: 04/06/22				
Solids, Suspended	32.4		5.0	mg/L		33.6			4	20



Will Brewington, President

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

Total Dissolved Solids by SM 2540C - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204021 - TDS Prep										
Blank (B204021-BLK1)					Prepared: 04/01/22 Analyzed: 04/04/22					
Solids, Dissolved	ND		10.0	mg/L						
LCS (B204021-BS1)					Prepared: 04/01/22 Analyzed: 04/04/22					
Solids, Dissolved	694		10.0	mg/L	728.5		95	90-110		
Duplicate (B204021-DUP1)			Source: 2032911-01		Prepared: 04/01/22 Analyzed: 04/04/22					
Solids, Dissolved	673		10.0	mg/L		698			4	20



Will Brewington, President

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

SM 2320B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch 813890 - SM 2320B

BLANK (4467492)

Prepared & Analyzed: 04/06/22

Alkalinity, Total as CaCO3	5.0U		5.0	mg/L				-		
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LCS (4467493)

Prepared & Analyzed: 04/06/22

Alkalinity, Total as CaCO3	93%		5.0	mg/L	250		93	90-110		
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Will Brewington, President

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/13/22 11:27

Notes and Definitions

- S-98 Spike recovery outside of established control limits.
- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- QB-01 The method blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
- O-07 This sample was received outside of the EPA recommended holding time.
- J Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag).
- E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
- B Analyte is found in the associated blank as well as in the sample (CLP B-flag).
- RE Sample reanalyses are done at the laboratory's discretion as a mechanism to improve data quality. Any client requested reanalysis will be identified with a sample qualifier.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- %-Solids Percent Solids is a supportive test and as such does not require accreditation



Will Brewington, President

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Company Name: EA Engineering		Project Manager: Laura Oakes		Analysis Requested										CHAIN-OF-CUSTODY RECORD		
Project Name: GUDE Landfill		Project ID: 155604		No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 reporting@mdspectral.com				
Sampler(s): D. Kozlowski, R. Williams, J. Stith		P.O. Number: 19541										Matrix Codes: NW (non-potable water) PW (potable water)			Preservative: 1 +1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank
Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Preservative: 1 +1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID
OB07A	3/27/22	0950	X			10	X	X	X	X	X	X	X	X		2032911-01 A
OB07		1023														- 02
OB06		1119														- 03
OB-10a		1204														- 04
Mw-2B		1253														- 05
Mw-2A		1333														- 06
OB-10		1435														- 07
Mw-4		1509														- 08
St-065		0945														- 09

* Please analyze 2 VOCs (1,2-Dibromo-3-chloropropane and 1, 2 Dibromoethane) by method 8011 in addition to method 8260.

Relinquished by: (Signature) <i>Reid Williams</i>	Date/Time 3/29/22	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) Reid Williams	1640	(Printed)	(Printed)		(Printed)
Relinquished by: (Signature)	Date/Time 16:39	Received by Lab: (Signature) <i>Lo r i Foster</i>	Turn Around Time:	Lab Use:	
(Printed)	3-29-22	(Printed)	<input checked="" type="checkbox"/> Normal (7 day) <input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ <input type="checkbox"/> Specific Due Date: _____	Temp: _____ °C 2.0 <input checked="" type="checkbox"/> Received on Ice <input type="checkbox"/> Received same day <input type="checkbox"/> Preservation Appropriate	
Delivery Method: <input type="checkbox"/> Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> USPS <input type="checkbox"/> Other: _____	Special Instructions/QC Requirements & Comments:		Sample Disposal: <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for _____ days		

SUBCONTRACT ORDER
Maryland Spectral Services

2032911

WO#: 35707051



SENDING LABORATORY:

Maryland Spectral Services
1500 Caton Center Dr. Suite G
Halethorpe, MD 21227
Phone: 410.247.7600
Project Manager: Cory Koons
Reports Email: Reporting@mdspectral.com

RECEIVING LABORATORY:

Pace Labs-FL
8 East Tower Circle
Ormond Beach, FL 32174
Phone: (386) 672-5668
Fax:

Due 4:00 PM 04/07/22

Laboratory ID Comments

Sample ID: 2032911-01 OB07A

Water Sampled:03/29/22 09:50

Alkalinity

Containers Supplied:

Plastic, 0.5L None (F)

Sample ID: 2032911-02 OB07

Water Sampled:03/29/22 10:23

Alkalinity

Containers Supplied:

Plastic, 0.5L None (F)

Sample ID: 2032911-03 OB06

Water Sampled:03/29/22 11:19

Alkalinity

Containers Supplied:

Plastic, 0.5L None (F)

Sample ID: 2032911-04 OB-102

Water Sampled:03/29/22 12:04

Alkalinity

Containers Supplied:

Plastic, 0.5L None (F)

13:08
3-30-22
03/30/22 1615
03/30/22 1315
Received By: [Signature] Date: 03/30/22
Received By: *SB Date: 3-31-22
Received By: [Signature] Date: 11:18

SUBCONTRACT ORDER
 Maryland Spectral Services
 2032911

Due 4:00 PM 04/07/22 Laboratory ID Comments

Sample ID: 2032911-05 MW-2B Water Sampled: 03/29/22 12:53

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (F)

Sample ID: 2032911-06 MW-2A Water Sampled: 03/29/22 13:33

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (F)

Sample ID: 2032911-07 OB-10 Water Sampled: 03/29/22 14:35

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (F)

Sample ID: 2032911-08 MW-4 Water Sampled: 03/29/22 15:09

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (F)

Sample ID: 2032911-09 ST-065 Water Sampled: 03/29/22 09:45

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (F)

13:08

Released By: *[Signature]* Date: 03/30/22
 Received By: *[Signature]* Date: 03/31/22
 Released By: *[Signature]* Date: 03/30/22
 Received By: *[Signature]* Date: 03/31/22

SUBCONTRACT ORDER
 Maryland Spectral Services
 2032911

Due 4:00 PM 04/07/22

Laboratory ID

Comments

Sample ID: 2032911-10 ST-70 Water Sampled: 03/29/22 14:20

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (F)

13:08

Released By	Date	Received By	Date
<i>[Signature]</i>	03/30/22	3-30-22 <i>[Signature]</i>	03/30/22 1315
Released By	Date	Received By	Date
<i>[Signature]</i>	03/30/22	* SD	8-31-22 11.15

14 April 2022

Laura Oakes
EA Engineering
225 Schilling Circle, STE 400
Hunt Valley, MD 21031
RE: GUDE LANDFILL

Enclosed are the results of analyses for samples received by the laboratory on 03/30/22 17:24.

Please visit our website at www.mdspectral.com for a complete listing of our accreditations.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Rabecka Koons
Quality Assurance Officer

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-3B		2033038-01	Nonpotable Water	03/30/22 09:22	03/30/22 17:24
MW-3A		2033038-02	Nonpotable Water	03/30/22 10:28	03/30/22 17:24
OB08		2033038-03	Nonpotable Water	03/30/22 11:23	03/30/22 17:24
OB08A		2033038-04	Nonpotable Water	03/30/22 12:06	03/30/22 17:24
OB15		2033038-05	Nonpotable Water	03/30/22 13:43	03/30/22 17:24
OB12		2033038-06	Nonpotable Water	03/30/22 13:12	03/30/22 17:24
OB11A		2033038-07	Nonpotable Water	03/30/22 14:43	03/30/22 17:24
OB11		2033038-08	Nonpotable Water	03/30/22 15:12	03/30/22 17:24
OB025		2033038-09	Nonpotable Water	03/30/22 15:54	03/30/22 17:24
OB50		2033038-10	Nonpotable Water	03/30/22 12:00	03/30/22 17:24
TRIP BLANK		2033038-11	Nonpotable Water	03/30/22 12:00	03/30/22 17:24



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

MW-3B

2033038-01 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.84	O-07	pH Units			1	03/31/22	03/31/22 14:15	CWK
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	11.8		NTU	0.500	0.110	1	03/31/22	03/31/22 14:56	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 16:56	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 16:56	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Benzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 16:56	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Chloroform	1.2		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

MW-3B

2033038-01 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 16:56	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 16:56	LL
Isobutanol	ND		ug/L	100	100	1	04/04/22	04/04/22 16:56	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 16:56	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 16:56	LL
Styrene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Toluene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 16:56	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	109 %	04/04/22		04/04/22 16:56		
Surrogate: Toluene-d8			75-120	99 %	04/04/22		04/04/22 16:56		
Surrogate: 4-Bromofluorobenzene			75-120	94 %	04/04/22		04/04/22 16:56		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

MW-3B

2033038-01 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/12/22 20:53	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/12/22 20:53	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	50600		ug/L	500	500	1	04/06/22	04/07/22 19:32	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:32	VVD
Arsenic	1.10		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:32	VVD
Barium	6.38		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:32	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:32	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:32	VVD
Calcium	16000		ug/L	80.0	80.0	1	04/06/22	04/07/22 19:32	VVD
Chromium	3.24		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:32	VVD
Cobalt	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:32	VVD
Copper	4.82		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:32	VVD
Iron	222		ug/L	100	5.00	1	04/06/22	04/07/22 19:32	VVD
Lead	1.27		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:32	VVD
Magnesium	2600		ug/L	100	100	1	04/06/22	04/07/22 19:32	VVD
Manganese	27.0		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:32	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/06/22	04/07/22 19:32	VVD
Nickel	1.78		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:32	VVD
Potassium	1250		ug/L	100	100	1	04/06/22	04/07/22 19:32	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:32	VVD
Silver	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:32	VVD
Sodium	20200		ug/L	100	100	1	04/06/22	04/07/22 19:32	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:32	VVD
Vanadium	1.22		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:32	VVD
Zinc	11.4		ug/L	4.00	4.00	1	04/06/22	04/07/22 19:32	VVD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

MW-3B

2033038-01 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	ND		mg/L	0.02	0.02	1	04/12/22	04/12/22 18:28	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	04/04/22	04/04/22 20:34	VVD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	197		uS/cm			1	04/11/22	04/11/22 18:48	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	3.36		mg/L	0.500	0.500	1	03/31/22	03/31/22 21:03	CRP
Nitrate	0.241		mg/L	0.050	0.050	1	03/31/22	03/31/22 21:03	CRP
Nitrate (as N)	0.054		mg/L	0.011	0.011	1	03/31/22	03/31/22 21:03	CRP
Sulfate	13.8		mg/L	0.3	0.3	1	03/31/22	03/31/22 21:03	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	34.4		mg/L	4.5	4.5	1	04/05/22	04/06/22 12:02	AD
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	134		mg/L	10.0	10.0	1	04/04/22	04/05/22 16:17	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	85.1		mg/L	5.0	5.0	1	04/05/22	04/05/22 17:21	MCD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

MW-3A

2033038-02 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	5.98	O-07	pH Units			1	03/31/22	03/31/22 14:15	CWK
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	137		NTU	2.50	0.550	5	03/31/22	03/31/22 15:08	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 17:20	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 17:20	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Benzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 17:20	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Chloroform	1.7		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

MW-3A

2033038-02 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 17:20	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 17:20	LL
Isobutanol	ND		ug/L	100	100	1	04/04/22	04/04/22 17:20	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 17:20	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 17:20	LL
Styrene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Toluene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:20	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	108 %	04/04/22		04/04/22 17:20		
Surrogate: Toluene-d8			75-120	99 %	04/04/22		04/04/22 17:20		
Surrogate: 4-Bromofluorobenzene			75-120	93 %	04/04/22		04/04/22 17:20		

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

MW-3A

**2033038-02 (Nonpotable Water)
Sample Date: 03/30/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/12/22 21:09	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/12/22 21:09	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	18800		ug/L	500	500	1	04/06/22	04/07/22 19:34	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:34	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:34	VVD
Barium	20.9		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:34	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:34	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:34	VVD
Calcium	4010		ug/L	80.0	80.0	1	04/06/22	04/07/22 19:34	VVD
Chromium	4.12		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:34	VVD
Cobalt	4.87		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:34	VVD
Copper	7.36		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:34	VVD
Iron	2320		ug/L	100	5.00	1	04/06/22	04/07/22 19:34	VVD
Lead	3.67		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:34	VVD
Magnesium	2140		ug/L	100	100	1	04/06/22	04/07/22 19:34	VVD
Manganese	351		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:34	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/06/22	04/07/22 19:34	VVD
Nickel	2.88		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:34	VVD
Potassium	1480		ug/L	100	100	1	04/06/22	04/07/22 19:34	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:34	VVD
Silver	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:34	VVD
Sodium	3440		ug/L	100	100	1	04/06/22	04/07/22 19:34	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:34	VVD
Vanadium	4.17		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:34	VVD
Zinc	13.5		ug/L	4.00	4.00	1	04/06/22	04/07/22 19:34	VVD



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

MW-3A

2033038-02 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.02		mg/L	0.02	0.02	1	04/12/22	04/12/22 18:29	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	04/04/22	04/04/22 20:38	VVD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	54.18		uS/cm			1	04/11/22	04/11/22 18:48	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	3.43		mg/L	0.500	0.500	1	03/31/22	03/31/22 21:22	CRP
Nitrate	0.059		mg/L	0.050	0.050	1	03/31/22	03/31/22 21:22	CRP
Nitrate (as N)	0.013		mg/L	0.011	0.011	1	03/31/22	03/31/22 21:22	CRP
Sulfate	0.7		mg/L	0.3	0.3	1	03/31/22	03/31/22 21:22	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	1250		mg/L	15.6	15.6	1	04/05/22	04/06/22 12:02	AD
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	46.0		mg/L	10.0	10.0	1	04/04/22	04/05/22 16:17	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	20.7		mg/L	5.0	5.0	1	04/05/22	04/05/22 17:31	MCD



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB08

2033038-03 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.55	O-07	pH Units			1	03/31/22	03/31/22 14:15	CWK
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	2.29		NTU	0.500	0.110	1	03/31/22	03/31/22 14:57	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 17:45	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 17:45	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Benzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 17:45	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Chlorobenzene	5.3		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
1,4-Dichlorobenzene	3.2		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
cis-1,2-Dichloroethene	9.6		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB08

**2033038-03 (Nonpotable Water)
Sample Date: 03/30/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 17:45	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 17:45	LL
Isobutanol	ND		ug/L	100	100	1	04/04/22	04/04/22 17:45	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 17:45	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 17:45	LL
Styrene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
1,1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Toluene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 17:45	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	108 %	04/04/22		04/04/22 17:45		
Surrogate: Toluene-d8			75-120	99 %	04/04/22		04/04/22 17:45		
Surrogate: 4-Bromofluorobenzene			75-120	94 %	04/04/22		04/04/22 17:45		

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB08

**2033038-03 (Nonpotable Water)
Sample Date: 03/30/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/12/22	04/12/22 21:24	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/12/22 21:24	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	224000		ug/L	500	500	1	04/06/22	04/07/22 19:37	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:37	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:37	VVD
Barium	138		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:37	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:37	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:37	VVD
Calcium	65200		ug/L	80.0	80.0	1	04/06/22	04/07/22 19:37	VVD
Chromium	1.49		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:37	VVD
Cobalt	5.07		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:37	VVD
Copper	4.65		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:37	VVD
Iron	210		ug/L	100	5.00	1	04/06/22	04/07/22 19:37	VVD
Lead	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:37	VVD
Magnesium	15000		ug/L	100	100	1	04/06/22	04/07/22 19:37	VVD
Manganese	5200		ug/L	10.0	10.0	10	04/06/22	04/08/22 14:10	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/06/22	04/07/22 19:37	VVD
Nickel	3.78		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:37	VVD
Potassium	2610		ug/L	100	100	1	04/06/22	04/07/22 19:37	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:37	VVD
Silver	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:37	VVD
Sodium	24400		ug/L	100	100	1	04/06/22	04/07/22 19:37	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:37	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:37	VVD
Zinc	5.68		ug/L	4.00	4.00	1	04/06/22	04/07/22 19:37	VVD



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB08

2033038-03 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.05		mg/L	0.02	0.02	1	04/12/22	04/12/22 18:29	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	04/04/22	04/04/22 20:39	VVD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	592.5		uS/cm			1	04/11/22	04/11/22 18:48	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	51.7		mg/L	0.500	0.500	1	03/31/22	03/31/22 21:40	CRP
Nitrate	ND		mg/L	0.050	0.050	1	03/31/22	03/31/22 21:40	CRP
Nitrate (as N)	ND		mg/L	0.011	0.011	1	03/31/22	03/31/22 21:40	CRP
Sulfate	7.5		mg/L	0.3	0.3	1	03/31/22	03/31/22 21:40	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	6.8		mg/L	2.3	2.3	1	04/05/22	04/06/22 12:02	AD
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	338		mg/L	10.0	10.0	1	04/04/22	04/05/22 16:17	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	217		mg/L	5.0	5.0	1	04/05/22	04/05/22 17:37	MCD



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB08A

2033038-04 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.27	O-07	pH Units			1	03/31/22	03/31/22 14:15	CWK
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	20.5		NTU	0.500	0.110	1	03/31/22	03/31/22 14:58	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 18:10	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 18:10	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Benzene	1.1		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 18:10	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Chlorobenzene	10.1		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
1,4-Dichlorobenzene	6.7		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
cis-1,2-Dichloroethene	9.6		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB08A

2033038-04 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 18:10	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 18:10	LL
Isobutanol	ND		ug/L	100	100	1	04/04/22	04/04/22 18:10	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 18:10	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 18:10	LL
Styrene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Toluene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Vinyl chloride	1.5		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:10	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	110 %			04/04/22	04/04/22 18:10	
Surrogate: Toluene-d8			75-120	99 %			04/04/22	04/04/22 18:10	
Surrogate: 4-Bromofluorobenzene			75-120	94 %			04/04/22	04/04/22 18:10	



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB08A

2033038-04 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/12/22	04/12/22 21:39	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/12/22 21:39	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	243000		ug/L	500	500	1	04/06/22	04/07/22 19:39	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:39	VVD
Arsenic	2.88		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:39	VVD
Barium	60.6		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:39	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:39	VVD
Cadmium	3.48		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:39	VVD
Calcium	56200		ug/L	80.0	80.0	1	04/06/22	04/07/22 19:39	VVD
Chromium	1.83		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:39	VVD
Cobalt	17.4		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:39	VVD
Copper	7.46		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:39	VVD
Iron	5150		ug/L	100	5.00	1	04/06/22	04/07/22 19:39	VVD
Lead	4.75		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:39	VVD
Magnesium	25000		ug/L	100	100	1	04/06/22	04/07/22 19:39	VVD
Manganese	8370		ug/L	10.0	10.0	10	04/06/22	04/08/22 14:13	VVD
Mercury	0.107		ug/L	0.100	0.100	1	04/06/22	04/07/22 19:39	VVD
Nickel	5.18		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:39	VVD
Potassium	2900		ug/L	100	100	1	04/06/22	04/07/22 19:39	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:39	VVD
Silver	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:39	VVD
Sodium	34000		ug/L	100	100	1	04/06/22	04/07/22 19:39	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:39	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:39	VVD
Zinc	27.3		ug/L	4.00	4.00	1	04/06/22	04/07/22 19:39	VVD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB08A

2033038-04 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.36		mg/L	0.02	0.02	1	04/12/22	04/12/22 18:29	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	6.2		mg/L	3.0	3.0	1	04/04/22	04/04/22 20:39	VVD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	675.6		uS/cm			1	04/11/22	04/11/22 18:48	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	75.6		mg/L	0.500	0.500	1	03/31/22	03/31/22 21:59	CRP
Nitrate	ND		mg/L	0.050	0.050	1	03/31/22	03/31/22 21:59	CRP
Nitrate (as N)	ND		mg/L	0.011	0.011	1	03/31/22	03/31/22 21:59	CRP
Sulfate	2.0		mg/L	0.3	0.3	1	03/31/22	03/31/22 21:59	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	59.0		mg/L	2.3	2.3	1	04/05/22	04/06/22 12:02	AD
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	368		mg/L	10.0	10.0	1	04/04/22	04/05/22 16:17	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	229		mg/L	5.0	5.0	1	04/05/22	04/05/22 17:43	MCD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB15

2033038-05 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.37	O-07	pH Units			1	03/31/22	03/31/22 14:15	CWK
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	16.6		NTU	0.500	0.110	1	03/31/22	03/31/22 14:58	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 18:36	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 18:36	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Benzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 18:36	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL



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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB15

2033038-05 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 18:36	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 18:36	LL
Isobutanol	ND		ug/L	100	100	1	04/04/22	04/04/22 18:36	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 18:36	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 18:36	LL
Styrene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Toluene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 18:36	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	110 %	04/04/22		04/04/22 18:36		
Surrogate: Toluene-d8			75-120	100 %	04/04/22		04/04/22 18:36		
Surrogate: 4-Bromofluorobenzene			75-120	95 %	04/04/22		04/04/22 18:36		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB15

2033038-05 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/12/22 21:53	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/12/22 21:53	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	89900		ug/L	500	500	1	04/06/22	04/07/22 19:41	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:41	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:41	VVD
Barium	48.0		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:41	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:41	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:41	VVD
Calcium	10100		ug/L	80.0	80.0	1	04/06/22	04/07/22 19:41	VVD
Chromium	1.98		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:41	VVD
Cobalt	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:41	VVD
Copper	2.53		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:41	VVD
Iron	1360		ug/L	100	5.00	1	04/06/22	04/07/22 19:41	VVD
Lead	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:41	VVD
Magnesium	15700		ug/L	100	100	1	04/06/22	04/07/22 19:41	VVD
Manganese	20.4		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:41	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/06/22	04/07/22 19:41	VVD
Nickel	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:41	VVD
Potassium	1780		ug/L	100	100	1	04/06/22	04/07/22 19:41	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:41	VVD
Silver	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:41	VVD
Sodium	46900		ug/L	100	100	1	04/06/22	04/07/22 19:41	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:41	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:41	VVD
Zinc	7.46		ug/L	4.00	4.00	1	04/06/22	04/07/22 19:41	VVD



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB15

2033038-05 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	ND		mg/L	0.02	0.02	1	04/12/22	04/12/22 18:30	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	04/04/22	04/04/22 20:40	VVD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	379.8		uS/cm			1	04/11/22	04/11/22 18:48	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	9.82		mg/L	0.500	0.500	1	03/31/22	03/31/22 22:17	CRP
Nitrate	4.78		mg/L	0.050	0.050	1	03/31/22	03/31/22 22:17	CRP
Nitrate (as N)	1.08		mg/L	0.011	0.011	1	03/31/22	03/31/22 22:17	CRP
Sulfate	59.0		mg/L	0.3	0.3	1	03/31/22	03/31/22 22:17	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	10.1		mg/L	2.3	2.3	1	04/05/22	04/06/22 12:02	AD
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	214		mg/L	10.0	10.0	1	04/04/22	04/05/22 16:17	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	112		mg/L	5.0	5.0	1	04/05/22	04/05/22 17:49	MCD



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB12

2033038-06 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	5.71	O-07	pH Units			1	03/31/22	03/31/22 14:15	CWK
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	1.15		NTU	0.500	0.110	1	03/31/22	03/31/22 14:59	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:01	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:01	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Benzene	3.8		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:01	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Chlorobenzene	4.0		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
1,2-Dichlorobenzene	1.1		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
1,4-Dichlorobenzene	12.1		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
1,1-Dichloroethane	17.6		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
1,2-Dichloroethane	1.3		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
cis-1,2-Dichloroethene	41.5		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
trans-1,2-Dichloroethene	3.4		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
1,2-Dichloropropane	9.9		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB12

**2033038-06 (Nonpotable Water)
Sample Date: 03/30/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:01	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:01	LL
Isobutanol	ND		ug/L	100	100	1	04/04/22	04/04/22 19:01	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Methyl tert-butyl ether (MTBE)	1.1		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:01	LL
Methylene chloride	3.5	L	ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:01	LL
Styrene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Tetrachloroethene	14.8		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Toluene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Trichloroethene	14.6		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Trichlorofluoromethane (Freon 11)	1.3		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Vinyl chloride	9.1		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:01	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	107 %			04/04/22	04/04/22 19:01	
Surrogate: Toluene-d8			75-120	99 %			04/04/22	04/04/22 19:01	
Surrogate: 4-Bromofluorobenzene			75-120	94 %			04/04/22	04/04/22 19:01	



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB12

**2033038-06 (Nonpotable Water)
Sample Date: 03/30/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/12/22 22:09	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/12/22 22:09	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	220000		ug/L	500	500	1	04/06/22	04/07/22 19:44	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:44	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:44	VVD
Barium	18.7		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:44	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:44	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:44	VVD
Calcium	42500		ug/L	80.0	80.0	1	04/06/22	04/07/22 19:44	VVD
Chromium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:44	VVD
Cobalt	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:44	VVD
Copper	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:44	VVD
Iron	68.2	J	ug/L	100	5.00	1	04/06/22	04/07/22 19:44	VVD
Lead	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:44	VVD
Magnesium	27700		ug/L	100	100	1	04/06/22	04/07/22 19:44	VVD
Manganese	122		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:44	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/06/22	04/07/22 19:44	VVD
Nickel	7.56		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:44	VVD
Potassium	5840		ug/L	100	100	1	04/06/22	04/07/22 19:44	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:44	VVD
Silver	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:44	VVD
Sodium	29300		ug/L	100	100	1	04/06/22	04/07/22 19:44	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:44	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:44	VVD
Zinc	ND		ug/L	4.00	4.00	1	04/06/22	04/07/22 19:44	VVD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB12

2033038-06 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	ND		mg/L	0.02	0.02	1	04/12/22	04/12/22 18:30	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	9.2		mg/L	3.0	3.0	1	04/04/22	04/04/22 20:40	VVD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	611.8		uS/cm			1	04/11/22	04/11/22 18:48	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	87.6		mg/L	0.500	0.500	1	03/31/22	03/31/22 23:13	CRP
Nitrate	1.95		mg/L	0.050	0.050	1	03/31/22	03/31/22 23:13	CRP
Nitrate (as N)	0.441		mg/L	0.011	0.011	1	03/31/22	03/31/22 23:13	CRP
Sulfate	21.8		mg/L	0.3	0.3	1	03/31/22	03/31/22 23:13	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	ND		mg/L	2.2	2.2	1	04/05/22	04/06/22 12:02	AD
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	359		mg/L	10.0	10.0	1	04/04/22	04/05/22 16:17	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	141		mg/L	5.0	5.0	1	04/05/22	04/05/22 17:54	MCD

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB11A

2033038-07 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	5.98	O-07	pH Units			1	03/31/22	03/31/22 14:15	CWK
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	17.1		NTU	0.500	0.110	1	03/31/22	03/31/22 14:59	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:26	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:26	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Benzene	1.8		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:26	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Chlorobenzene	31.6		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
1,2-Dichlorobenzene	2.8		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
1,4-Dichlorobenzene	22.8		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
1,1-Dichloroethane	10.3		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
1,2-Dichloroethane	1.6		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
cis-1,2-Dichloroethene	55.4		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
trans-1,2-Dichloroethene	2.7		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
1,2-Dichloropropane	3.9		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB11A

2033038-07 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:26	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:26	LL
Isobutanol	ND		ug/L	100	100	1	04/04/22	04/04/22 19:26	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Methyl tert-butyl ether (MTBE)	1.7		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:26	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:26	LL
Styrene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Tetrachloroethene	1.8		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Toluene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Trichloroethene	7.4		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Vinyl chloride	16.6		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:26	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	107 %	04/04/22		04/04/22 19:26		
Surrogate: Toluene-d8			75-120	100 %	04/04/22		04/04/22 19:26		
Surrogate: 4-Bromofluorobenzene			75-120	95 %	04/04/22		04/04/22 19:26		

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB11A

2033038-07 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/12/22 22:24	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/12/22 22:24	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	761000		ug/L	25000	25000	50	04/06/22	04/08/22 14:30	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:46	VVD
Arsenic	1.72		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:46	VVD
Barium	165		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:46	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:46	VVD
Cadmium	2.55		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:46	VVD
Calcium	138000		ug/L	4000	4000	50	04/06/22	04/08/22 14:30	VVD
Chromium	1.25		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:46	VVD
Cobalt	43.2		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:46	VVD
Copper	9.46		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:46	VVD
Iron	4100		ug/L	100	5.00	1	04/06/22	04/07/22 19:46	VVD
Lead	4.60		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:46	VVD
Magnesium	101000		ug/L	5000	5000	50	04/06/22	04/08/22 14:30	VVD
Manganese	16800		ug/L	50.0	50.0	50	04/06/22	04/08/22 14:30	VVD
Mercury	1.72		ug/L	0.100	0.100	1	04/06/22	04/07/22 19:46	VVD
Nickel	37.3		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:46	VVD
Potassium	5690		ug/L	100	100	1	04/06/22	04/07/22 19:46	VVD
Selenium	1.21		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:46	VVD
Silver	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:46	VVD
Sodium	136000		ug/L	5000	5000	50	04/06/22	04/08/22 14:30	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:46	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:46	VVD
Zinc	20.0		ug/L	4.00	4.00	1	04/06/22	04/07/22 19:46	VVD



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB11A

2033038-07 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.46		mg/L	0.02	0.02	1	04/12/22	04/12/22 18:31	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	31.7		mg/L	3.0	3.0	1	04/04/22	04/04/22 20:40	VVD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	2077		uS/cm			1	04/11/22	04/11/22 18:48	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	442		mg/L	0.500	0.500	1	03/31/22	03/31/22 23:31	CRP
Nitrate	ND		mg/L	0.050	0.050	1	03/31/22	03/31/22 23:31	CRP
Nitrate (as N)	ND		mg/L	0.011	0.011	1	03/31/22	03/31/22 23:31	CRP
Sulfate	7.9		mg/L	0.3	0.3	1	03/31/22	03/31/22 23:31	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	48.4		mg/L	2.8	2.8	1	04/05/22	04/06/22 12:02	AD
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	1110		mg/L	10.0	10.0	1	04/04/22	04/05/22 16:17	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	388		mg/L	5.0	5.0	1	04/05/22	04/05/22 18:01	MCD



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB11

2033038-08 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	5.85	O-07	pH Units			1	03/31/22	03/31/22 14:15	CWK
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	4.14		NTU	0.500	0.110	1	03/31/22	03/31/22 15:00	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:51	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:51	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Benzene	2.1		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:51	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Chlorobenzene	31.4		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
1,2-Dichlorobenzene	3.1		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
1,4-Dichlorobenzene	21.5		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
1,1-Dichloroethane	8.9		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
1,2-Dichloroethane	1.6		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
cis-1,2-Dichloroethene	63.3		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
trans-1,2-Dichloroethene	2.3		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
1,2-Dichloropropane	3.5		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB11

2033038-08 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:51	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:51	LL
Isobutanol	ND		ug/L	100	100	1	04/04/22	04/04/22 19:51	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Methyl tert-butyl ether (MTBE)	1.7		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:51	LL
Methylene chloride	2.8	L	ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 19:51	LL
Styrene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Tetrachloroethene	7.3		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Toluene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Trichloroethene	6.8		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Vinyl chloride	12.5		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 19:51	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	100 %	04/04/22		04/04/22 19:51		
Surrogate: Toluene-d8			75-120	105 %	04/04/22		04/04/22 19:51		
Surrogate: 4-Bromofluorobenzene			75-120	95 %	04/04/22		04/04/22 19:51		

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB11

**2033038-08 (Nonpotable Water)
Sample Date: 03/30/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/12/22 22:38	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/12/22 22:38	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	771000		ug/L	5000	5000	10	04/06/22	04/08/22 14:18	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:49	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:49	VVD
Barium	25.1		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:49	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:49	VVD
Cadmium	12.3		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:49	VVD
Calcium	155000		ug/L	800	800	10	04/06/22	04/08/22 14:18	VVD
Chromium	4.13		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:49	VVD
Cobalt	2.08		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:49	VVD
Copper	4.49		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:49	VVD
Iron	376		ug/L	100	5.00	1	04/06/22	04/07/22 19:49	VVD
Lead	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:49	VVD
Magnesium	93200		ug/L	1000	1000	10	04/06/22	04/08/22 14:18	VVD
Manganese	1930		ug/L	10.0	10.0	10	04/06/22	04/08/22 14:18	VVD
Mercury	4.56		ug/L	0.100	0.100	1	04/06/22	04/07/22 19:49	VVD
Nickel	33.3		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:49	VVD
Potassium	4980		ug/L	100	100	1	04/06/22	04/07/22 19:49	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:49	VVD
Silver	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:49	VVD
Sodium	117000		ug/L	1000	1000	10	04/06/22	04/08/22 14:18	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:49	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:49	VVD
Zinc	38.0		ug/L	4.00	4.00	1	04/06/22	04/07/22 19:49	VVD



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB11

2033038-08 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.07		mg/L	0.02	0.02	1	04/12/22	04/12/22 18:32	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	30.4		mg/L	3.0	3.0	1	04/04/22	04/04/22 20:43	VVD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	2030		uS/cm			1	04/11/22	04/11/22 18:48	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	462		mg/L	0.500	0.500	1	03/31/22	03/31/22 23:50	CRP
Nitrate	ND		mg/L	0.050	0.050	1	03/31/22	03/31/22 23:50	CRP
Nitrate (as N)	ND		mg/L	0.011	0.011	1	03/31/22	03/31/22 23:50	CRP
Sulfate	10.3		mg/L	0.3	0.3	1	03/31/22	03/31/22 23:50	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	17.7		mg/L	2.3	2.3	1	04/05/22	04/06/22 12:02	AD
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	1100		mg/L	10.0	10.0	1	04/04/22	04/05/22 16:17	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	308		mg/L	5.0	5.0	1	04/05/22	04/05/22 18:07	MCD

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB025

2033038-09 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.52	O-07	pH Units			1	03/31/22	03/31/22 14:15	CWK
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	65.0		NTU	2.50	0.550	5	03/31/22	03/31/22 15:09	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 20:15	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 20:15	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Benzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 20:15	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
cis-1,2-Dichloroethene	2.2		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB025

2033038-09 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 20:15	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 20:15	LL
Isobutanol	ND		ug/L	100	100	1	04/04/22	04/04/22 20:15	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 20:15	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 20:15	LL
Styrene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Toluene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:15	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	103 %	04/04/22		04/04/22 20:15		
Surrogate: Toluene-d8			75-120	93 %	04/04/22		04/04/22 20:15		
Surrogate: 4-Bromofluorobenzene			75-120	92 %	04/04/22		04/04/22 20:15		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB025

2033038-09 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/12/22	04/12/22 22:54	EH
1,2-Dibromoethane (EDB)	0.021		ug/L	0.019	0.019	1	04/12/22	04/12/22 22:54	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	361000		ug/L	500	500	1	04/06/22	04/07/22 19:51	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:51	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:51	VVD
Barium	109		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:51	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:51	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:51	VVD
Calcium	64100		ug/L	80.0	80.0	1	04/06/22	04/07/22 19:51	VVD
Chromium	2.50		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:51	VVD
Cobalt	27.4		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:51	VVD
Copper	2.88		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:51	VVD
Iron	2800		ug/L	100	5.00	1	04/06/22	04/07/22 19:51	VVD
Lead	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:51	VVD
Magnesium	48800		ug/L	100	100	1	04/06/22	04/07/22 19:51	VVD
Manganese	22200		ug/L	50.0	50.0	50	04/06/22	04/08/22 14:20	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/06/22	04/07/22 19:51	VVD
Nickel	14.0		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:51	VVD
Potassium	16100		ug/L	100	100	1	04/06/22	04/07/22 19:51	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:51	VVD
Silver	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:51	VVD
Sodium	78400		ug/L	100	100	1	04/06/22	04/07/22 19:51	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:51	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:51	VVD
Zinc	7.56		ug/L	4.00	4.00	1	04/06/22	04/07/22 19:51	VVD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB025

2033038-09 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.14		mg/L	0.02	0.02	1	04/12/22	04/12/22 18:32	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	18.6		mg/L	3.0	3.0	1	04/04/22	04/04/22 20:44	VVD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	1170		uS/cm			1	04/11/22	04/11/22 18:48	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	151		mg/L	0.500	0.500	1	03/31/22	04/01/22 00:08	CRP
Nitrate	21.9		mg/L	0.050	0.050	1	03/31/22	04/01/22 00:08	CRP
Nitrate (as N)	4.94		mg/L	0.011	0.011	1	03/31/22	04/01/22 00:08	CRP
Sulfate	29.5		mg/L	0.3	0.3	1	03/31/22	04/01/22 00:08	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	66.2		mg/L	4.0	4.0	1	04/05/22	04/06/22 12:02	AD
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	649		mg/L	10.0	10.0	1	04/04/22	04/05/22 16:17	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	330		mg/L	5.0	5.0	1	04/05/22	04/05/22 18:14	MCD

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB50

2033038-10 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	5.85	O-07	pH Units			1	03/31/22	03/31/22 14:15	CWK
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	2.76		NTU	0.500	0.110	1	03/31/22	03/31/22 15:01	CWK
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 20:40	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 20:40	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Benzene	2.1		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 20:40	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Chlorobenzene	31.7		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
1,2-Dichlorobenzene	3.1		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
1,4-Dichlorobenzene	22.5		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
1,1-Dichloroethane	8.9		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
1,2-Dichloroethane	1.6		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
cis-1,2-Dichloroethene	62.4		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
trans-1,2-Dichloroethene	2.4		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
1,2-Dichloropropane	3.5		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB50

2033038-10 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 20:40	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 20:40	LL
Isobutanol	ND		ug/L	100	100	1	04/04/22	04/04/22 20:40	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Methyl tert-butyl ether (MTBE)	1.6		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 20:40	LL
Methylene chloride	2.8	L	ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 20:40	LL
Styrene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Tetrachloroethene	8.1		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Toluene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Trichloroethene	6.8		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Vinyl chloride	12.1		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 20:40	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	97 %	04/04/22		04/04/22 20:40		
Surrogate: Toluene-d8			75-120	103 %	04/04/22		04/04/22 20:40		
Surrogate: 4-Bromofluorobenzene			75-120	91 %	04/04/22		04/04/22 20:40		

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB50

**2033038-10 (Nonpotable Water)
Sample Date: 03/30/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/12/22	04/12/22 23:09	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/12/22 23:09	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	796000		ug/L	5000	5000	10	04/06/22	04/08/22 14:23	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:58	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:58	VVD
Barium	26.2		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:58	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:58	VVD
Cadmium	12.7		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:58	VVD
Calcium	159000		ug/L	800	800	10	04/06/22	04/08/22 14:23	VVD
Chromium	4.04		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:58	VVD
Cobalt	2.19		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:58	VVD
Copper	4.60		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:58	VVD
Iron	378		ug/L	100	5.00	1	04/06/22	04/07/22 19:58	VVD
Lead	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:58	VVD
Magnesium	96500		ug/L	1000	1000	10	04/06/22	04/08/22 14:23	VVD
Manganese	1990		ug/L	10.0	10.0	10	04/06/22	04/08/22 14:23	VVD
Mercury	4.59		ug/L	0.100	0.100	1	04/06/22	04/07/22 19:58	VVD
Nickel	34.7		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:58	VVD
Potassium	5120		ug/L	100	100	1	04/06/22	04/07/22 19:58	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:58	VVD
Silver	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:58	VVD
Sodium	122000		ug/L	1000	1000	10	04/06/22	04/08/22 14:23	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:58	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/06/22	04/07/22 19:58	VVD
Zinc	39.3		ug/L	4.00	4.00	1	04/06/22	04/07/22 19:58	VVD

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

OB50

2033038-10 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.08		mg/L	0.02	0.02	1	04/12/22	04/12/22 18:33	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	31.9		mg/L	3.0	3.0	1	04/04/22	04/04/22 20:44	VVD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	2021		uS/cm			1	04/11/22	04/11/22 18:48	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	462		mg/L	0.500	0.500	1	03/31/22	04/01/22 00:27	CRP
Nitrate	ND		mg/L	0.050	0.050	1	03/31/22	04/01/22 00:27	CRP
Nitrate (as N)	ND		mg/L	0.011	0.011	1	03/31/22	04/01/22 00:27	CRP
Sulfate	10.4		mg/L	0.3	0.3	1	03/31/22	04/01/22 00:27	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	16.4		mg/L	2.3	2.3	1	04/05/22	04/06/22 12:02	AD
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	1140		mg/L	10.0	10.0	1	04/04/22	04/05/22 16:17	CRP
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	296		mg/L	5.0	5.0	1	04/05/22	04/05/22 18:20	MCD



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

TRIP BLANK

2033038-11 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting	Detection	Dilution	Prepared	Analyzed	Analyst
				Limit (MRL)	Limit (LOD)				
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 21:05	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 21:05	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Benzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 21:05	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

TRIP BLANK

2033038-11 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 21:05	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 21:05	LL
Isobutanol	ND		ug/L	100	100	1	04/04/22	04/04/22 21:05	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 21:05	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/04/22	04/04/22 21:05	LL
Styrene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Toluene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/04/22	04/04/22 21:05	LL
Surrogate: 1,2-Dichloroethane-d4		70-130		111 %			04/04/22	04/04/22 21:05	
Surrogate: Toluene-d8		75-120		100 %			04/04/22	04/04/22 21:05	
Surrogate: 4-Bromofluorobenzene		75-120		100 %			04/04/22	04/04/22 21:05	

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/14/22 13:02

TRIP BLANK

2033038-11 (Nonpotable Water)
Sample Date: 03/30/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/12/22	04/12/22 23:23	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/12/22 23:23	EH



Rabecka Koons, Quality Assurance Officer

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1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/14/22 13:02

pH measurement by EPA 9040C / SM 4500-H+ B-2011 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B203590 - pH (Paper or Meter)

Reference (B203590-SRM1)

Prepared & Analyzed: 03/31/22

pH	7.01			pH Units	7.003		100	99.93-100.07		
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Reference (B203590-SRM2)

Prepared & Analyzed: 03/31/22

pH	7.01			pH Units	7.003		100	99.93-100.07		
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 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/14/22 13:02

Turbidity by EPA 180.1 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B203593 - Turbidity Prep

Blank (B203593-BLK1)

Prepared & Analyzed: 03/31/22

Turbidity	ND		0.500	NTU						
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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204036 - GCMS-WATER-VOLATILES

Blank (B204036-BLK1)

Prepared & Analyzed: 04/04/22

Acetone	ND		5.0	ug/L						
Acrylonitrile	ND		5.0	ug/L						
Allyl chloride (3-Chloropropylene)	ND		1.0	ug/L						
Benzene	ND		1.0	ug/L						
Bromochloromethane	ND		1.0	ug/L						
Bromodichloromethane	ND		1.0	ug/L						
Bromoform	ND		1.0	ug/L						
Bromomethane	ND		1.0	ug/L						
2-Butanone (MEK)	ND		5.0	ug/L						
Carbon disulfide	ND		1.0	ug/L						
Carbon tetrachloride	ND		1.0	ug/L						
Chlorobenzene	ND		1.0	ug/L						
Chloroethane	ND		1.0	ug/L						
Chloroform	ND		1.0	ug/L						
Chloromethane	ND		1.0	ug/L						
Chloroprene	ND		1.0	ug/L						
Dibromochloromethane	ND		1.0	ug/L						
1,2-Dibromo-3-chloropropane	ND		1.0	ug/L						
1,2-Dibromoethane (EDB)	ND		1.0	ug/L						
Dibromomethane	ND		1.0	ug/L						
1,2-Dichlorobenzene	ND		1.0	ug/L						
1,4-Dichlorobenzene	ND		1.0	ug/L						
trans-1,4-Dichloro-2-butene	ND		1.0	ug/L						
1,1-Dichloroethane	ND		1.0	ug/L						
1,2-Dichloroethane	ND		1.0	ug/L						
1,1-Dichloroethene	ND		1.0	ug/L						
cis-1,2-Dichloroethene	ND		1.0	ug/L						
trans-1,2-Dichloroethene	ND		1.0	ug/L						
1,2-Dichloropropane	ND		1.0	ug/L						
1,3-Dichloropropane	ND		1.0	ug/L						
2,2-Dichloropropane	ND		1.0	ug/L						



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204036 - GCMS-WATER-VOLATILES

Blank (B204036-BLK1)

Prepared & Analyzed: 04/04/22

1,1-Dichloropropene	ND		1.0	ug/L						
cis-1,3-Dichloropropene	ND		1.0	ug/L						
trans-1,3-Dichloropropene	ND		1.0	ug/L						
Ethyl methacrylate	ND		5.0	ug/L						
Ethylbenzene	ND		1.0	ug/L						
2-Hexanone	ND		5.0	ug/L						
Isobutanol	ND		100	ug/L						
Iodomethane	ND		1.0	ug/L						
Methyl tert-butyl ether (MTBE)	ND		1.0	ug/L						
4-Methyl-2-pentanone	ND		5.0	ug/L						
Methylene chloride	ND		1.0	ug/L						
Methyl methacrylate	ND		5.0	ug/L						
Styrene	ND		1.0	ug/L						
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L						
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L						
Tetrachloroethene	ND		1.0	ug/L						
Toluene	ND		1.0	ug/L						
1,1,1-Trichloroethane	ND		1.0	ug/L						
1,1,2-Trichloroethane	ND		1.0	ug/L						
Trichloroethene	ND		1.0	ug/L						
Trichlorofluoromethane (Freon 11)	ND		1.0	ug/L						
1,2,3-Trichloropropane	ND		1.0	ug/L						
Vinyl acetate	ND		1.0	ug/L						
Vinyl chloride	ND		1.0	ug/L						
o-Xylene	ND		1.0	ug/L						
m- & p-Xylenes	ND		1.0	ug/L						
Surrogate: 1,2-Dichloroethane-d4	52.32			ug/L	50.00		105	70-130		
Surrogate: Toluene-d8	49.93			ug/L	50.00		100	75-120		
Surrogate: 4-Bromofluorobenzene	47.64			ug/L	50.00		95	75-120		



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204036 - GCMS-WATER-VOLATILES

LCS (B204036-BS1)

Prepared & Analyzed: 04/04/22

Acetone	11.5		5.0	ug/L	10.00		115	50-150		
Acrylonitrile	4.9	J	5.0	ug/L	5.000		99	50-150		
Benzene	5.5		1.0	ug/L	5.000		111	50-150		
Bromochloromethane	6.0		1.0	ug/L	5.000		120	50-150		
Bromodichloromethane	5.1		1.0	ug/L	5.000		103	50-150		
Bromoform	4.8		1.0	ug/L	5.000		97	50-150		
Bromomethane	5.7		1.0	ug/L	5.000		114	50-150		
2-Butanone (MEK)	9.4		5.0	ug/L	10.00		94	50-150		
Carbon disulfide	5.8		1.0	ug/L	5.000		116	50-150		
Carbon tetrachloride	5.2		1.0	ug/L	5.000		104	50-150		
Chlorobenzene	5.4		1.0	ug/L	5.000		108	50-150		
Chloroethane	5.6		1.0	ug/L	5.000		112	50-150		
Chloroform	5.3		1.0	ug/L	5.000		106	50-150		
Chloromethane	5.3		1.0	ug/L	5.000		106	50-150		
Dibromochloromethane	5.2		1.0	ug/L	5.000		104	50-150		
1,2-Dibromo-3-chloropropane	5.9		1.0	ug/L	5.000		117	50-150		
1,2-Dibromoethane (EDB)	5.3		1.0	ug/L	5.000		107	50-150		
Dibromomethane	5.6		1.0	ug/L	5.000		112	50-150		
1,2-Dichlorobenzene	5.9		1.0	ug/L	5.000		118	50-150		
1,4-Dichlorobenzene	6.0		1.0	ug/L	5.000		121	50-150		
1,1-Dichloroethane	5.2		1.0	ug/L	5.000		105	50-150		
1,2-Dichloroethane	4.9		1.0	ug/L	5.000		98	50-150		
1,1-Dichloroethene	5.5		1.0	ug/L	5.000		109	50-150		
cis-1,2-Dichloroethene	5.5		1.0	ug/L	5.000		110	50-150		
trans-1,2-Dichloroethene	5.4		1.0	ug/L	5.000		108	50-150		
1,2-Dichloropropane	5.2		1.0	ug/L	5.000		104	50-150		
1,3-Dichloropropane	5.1		1.0	ug/L	5.000		102	50-150		
2,2-Dichloropropane	5.1		1.0	ug/L	5.000		101	50-150		
1,1-Dichloropropene	5.1		1.0	ug/L	5.000		102	50-150		
cis-1,3-Dichloropropene	5.0		1.0	ug/L	5.000		100	50-150		
trans-1,3-Dichloropropene	4.8		1.0	ug/L	5.000		97	50-150		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204036 - GCMS-WATER-VOLATILES

LCS (B204036-BS1)

Prepared & Analyzed: 04/04/22

Ethylbenzene	5.4		1.0	ug/L	5.000		108	50-150		
2-Hexanone	9.8		5.0	ug/L	10.00		98	50-150		
Methyl tert-butyl ether (MTBE)	5.0		1.0	ug/L	5.000		100	50-150		
4-Methyl-2-pentanone	9.8		5.0	ug/L	10.00		98	50-150		
Methylene chloride	6.1		1.0	ug/L	5.000		122	0-200		
Methyl methacrylate	4.8	J	5.0	ug/L	5.000		97	50-150		
Styrene	4.9		1.0	ug/L	5.000		97	50-150		
1,1,1,2-Tetrachloroethane	5.2		1.0	ug/L	5.000		104	50-150		
1,1,2,2-Tetrachloroethane	5.5		1.0	ug/L	5.000		110	50-150		
Tetrachloroethene	5.5		1.0	ug/L	5.000		109	50-150		
Toluene	5.4		1.0	ug/L	5.000		109	50-150		
1,1,1-Trichloroethane	5.1		1.0	ug/L	5.000		102	50-150		
1,1,2-Trichloroethane	5.3		1.0	ug/L	5.000		106	50-150		
Trichloroethene	5.4		1.0	ug/L	5.000		107	50-150		
Trichlorofluoromethane (Freon 11)	5.3		1.0	ug/L	5.000		105	50-150		
1,2,3-Trichloropropane	5.6		1.0	ug/L	5.000		111	50-150		
Vinyl acetate	3.4		1.0	ug/L	5.000		69	50-150		
Vinyl chloride	5.5		1.0	ug/L	5.000		110	50-150		
o-Xylene	5.1		1.0	ug/L	5.000		103	50-150		
m- & p-Xylenes	10.4		1.0	ug/L	10.00		104	50-150		
Surrogate: 1,2-Dichloroethane-d4	49.93			ug/L	50.00		100	70-130		
Surrogate: Toluene-d8	48.93			ug/L	50.00		98	75-120		
Surrogate: 4-Bromofluorobenzene	49.28			ug/L	50.00		99	75-120		

Duplicate (B204036-DUP1)

Source: 2033023-01

Prepared & Analyzed: 04/04/22

Acetone	12.5		5.0	ug/L		12.3			2	20
Acrylonitrile	ND		5.0	ug/L		ND				15
Allyl chloride (3-Chloropropylene)	ND		1.0	ug/L		ND				20
Benzene	ND		1.0	ug/L		ND				20
Bromochloromethane	ND		1.0	ug/L		ND				20
Bromodichloromethane	ND		1.0	ug/L		ND				20
Bromoform	ND		1.0	ug/L		ND				20

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204036 - GCMS-WATER-VOLATILES

Duplicate (B204036-DUP1)	Source: 2033023-01	Prepared & Analyzed: 04/04/22		
Bromomethane	ND	1.0 ug/L	ND	20
2-Butanone (MEK)	ND	5.0 ug/L	ND	20
Carbon disulfide	ND	1.0 ug/L	ND	20
Carbon tetrachloride	ND	1.0 ug/L	ND	20
Chlorobenzene	ND	1.0 ug/L	ND	20
Chloroethane	ND	1.0 ug/L	ND	20
Chloroform	ND	1.0 ug/L	ND	20
Chloromethane	ND	1.0 ug/L	ND	20
Chloroprene	ND	1.0 ug/L	ND	20
Dibromochloromethane	ND	1.0 ug/L	ND	20
1,2-Dibromo-3-chloropropane	ND	1.0 ug/L	ND	20
1,2-Dibromoethane (EDB)	ND	1.0 ug/L	ND	20
Dibromomethane	ND	1.0 ug/L	ND	20
1,2-Dichlorobenzene	ND	1.0 ug/L	ND	20
1,4-Dichlorobenzene	ND	1.0 ug/L	ND	20
trans-1,4-Dichloro-2-butene	ND	1.0 ug/L	ND	20
1,1-Dichloroethane	ND	1.0 ug/L	ND	20
1,2-Dichloroethane	ND	1.0 ug/L	ND	20
1,1-Dichloroethene	ND	1.0 ug/L	ND	20
cis-1,2-Dichloroethene	ND	1.0 ug/L	ND	20
trans-1,2-Dichloroethene	ND	1.0 ug/L	ND	20
1,2-Dichloropropane	ND	1.0 ug/L	ND	20
1,3-Dichloropropane	ND	1.0 ug/L	ND	20
2,2-Dichloropropane	ND	1.0 ug/L	ND	20
1,1-Dichloropropene	ND	1.0 ug/L	ND	20
cis-1,3-Dichloropropene	ND	1.0 ug/L	ND	20
trans-1,3-Dichloropropene	ND	1.0 ug/L	ND	20
Ethyl methacrylate	ND	5.0 ug/L	ND	20
Ethylbenzene	ND	1.0 ug/L	ND	20
2-Hexanone	ND	5.0 ug/L	ND	20
Isobutanol	ND	100 ug/L	ND	20



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204036 - GCMS-WATER-VOLATILES

Duplicate (B204036-DUP1)		Source: 2033023-01			Prepared & Analyzed: 04/04/22		
Iodomethane	ND		1.0	ug/L	ND		20
Methyl tert-butyl ether (MTBE)	ND		1.0	ug/L	ND		20
4-Methyl-2-pentanone	ND		5.0	ug/L	ND		20
Methylene chloride	ND		1.0	ug/L	ND		20
Methyl methacrylate	ND		5.0	ug/L	ND		20
Styrene	ND		1.0	ug/L	ND		20
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	ND		20
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	ND		20
Tetrachloroethene	ND		1.0	ug/L	ND		20
Toluene	ND		1.0	ug/L	ND		20
1,1,1-Trichloroethane	ND		1.0	ug/L	ND		20
1,1,2-Trichloroethane	ND		1.0	ug/L	ND		20
Trichloroethene	ND		1.0	ug/L	ND		20
Trichlorofluoromethane (Freon 11)	ND		1.0	ug/L	ND		20
1,2,3-Trichloropropane	ND		1.0	ug/L	ND		20
Vinyl acetate	ND		1.0	ug/L	ND		20
Vinyl chloride	ND		1.0	ug/L	ND		20
o-Xylene	ND		1.0	ug/L	ND		20
m- & p-Xylenes	ND		1.0	ug/L	ND		20
Surrogate: 1,2-Dichloroethane-d4	49.33			ug/L	50.00	99	70-130
Surrogate: Toluene-d8	49.37			ug/L	50.00	99	75-120
Surrogate: 4-Bromofluorobenzene	47.03			ug/L	50.00	94	75-120

Matrix Spike (B204036-MS1)		Source: 2033030-01			Prepared & Analyzed: 04/04/22			
Acetone	15.5		5.0	ug/L	10.00	3.5	120	60-120
Acrylonitrile	10.9		5.0	ug/L	10.00	ND	109	0-200
Benzene	11.9		1.0	ug/L	10.00	ND	119	60-120
Bromochloromethane	11.8		1.0	ug/L	10.00	ND	118	60-120
Bromodichloromethane	11.1		1.0	ug/L	10.00	ND	111	60-120
Bromoform	11.1		1.0	ug/L	10.00	ND	111	60-120
Bromomethane	11.7		1.0	ug/L	10.00	ND	117	60-120
2-Butanone (MEK)	10.2		5.0	ug/L	10.00	ND	102	60-120

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204036 - GCMS-WATER-VOLATILES

Matrix Spike (B204036-MS1)	Source: 2033030-01			Prepared & Analyzed: 04/04/22						
Carbon disulfide	12.3		1.0	ug/L	10.00	ND	123	60-120		
Carbon tetrachloride	11.1		1.0	ug/L	10.00	ND	111	60-120		
Chlorobenzene	11.9		1.0	ug/L	10.00	ND	119	60-120		
Chloroethane	12.2		1.0	ug/L	10.00	ND	122	60-120		
Chloroform	11.3		1.0	ug/L	10.00	ND	113	60-120		
Chloromethane	11.2		1.0	ug/L	10.00	ND	112	60-120		
Dibromochloromethane	11.1		1.0	ug/L	10.00	ND	111	60-120		
1,2-Dibromo-3-chloropropane	10.4		1.0	ug/L	10.00	ND	104	60-120		
1,2-Dibromoethane (EDB)	11.1		1.0	ug/L	10.00	ND	111	60-120		
Dibromomethane	11.4		1.0	ug/L	10.00	ND	114	60-120		
1,2-Dichlorobenzene	11.4		1.0	ug/L	10.00	ND	114	60-120		
1,4-Dichlorobenzene	11.6		1.0	ug/L	10.00	ND	116	60-120		
1,1-Dichloroethane	11.7		1.0	ug/L	10.00	ND	117	60-120		
1,2-Dichloroethane	10.6		1.0	ug/L	10.00	ND	106	60-120		
1,1-Dichloroethene	11.8		1.0	ug/L	10.00	ND	118	60-120		
cis-1,2-Dichloroethene	11.7		1.0	ug/L	10.00	ND	117	60-120		
trans-1,2-Dichloroethene	11.5		1.0	ug/L	10.00	ND	115	60-120		
1,2-Dichloropropane	11.0		1.0	ug/L	10.00	ND	110	60-120		
1,3-Dichloropropane	11.1		1.0	ug/L	10.00	ND	111	60-120		
2,2-Dichloropropane	9.5		1.0	ug/L	10.00	ND	95	60-120		
1,1-Dichloropropene	11.4		1.0	ug/L	10.00	ND	114	60-120		
cis-1,3-Dichloropropene	10.6		1.0	ug/L	10.00	ND	106	60-120		
trans-1,3-Dichloropropene	10.0		1.0	ug/L	10.00	ND	100	60-120		
Ethylbenzene	11.8		1.0	ug/L	10.00	ND	118	60-120		
2-Hexanone	9.8		5.0	ug/L	10.00	ND	98	60-120		
Methyl tert-butyl ether (MTBE)	9.9		1.0	ug/L	10.00	ND	99	60-120		
4-Methyl-2-pentanone	9.8		5.0	ug/L	10.00	ND	98	60-120		
Methylene chloride	11.2		1.0	ug/L	10.00	ND	112	60-120		
Methyl methacrylate	9.4		5.0	ug/L	10.00	ND	94	60-120		
Styrene	11.0		1.0	ug/L	10.00	ND	110	60-120		
1,1,1,2-Tetrachloroethane	11.2		1.0	ug/L	10.00	ND	112	60-120		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204036 - GCMS-WATER-VOLATILES

Matrix Spike (B204036-MS1)	Source: 2033030-01	Prepared & Analyzed: 04/04/22
1,1,2,2-Tetrachloroethane	10.9	1.0 ug/L 10.00 ND 109 60-120
Tetrachloroethene	11.3	1.0 ug/L 10.00 ND 113 60-120
Toluene	11.7	1.0 ug/L 10.00 ND 117 60-120
1,1,1-Trichloroethane	11.3	1.0 ug/L 10.00 ND 113 60-120
1,1,2-Trichloroethane	11.0	1.0 ug/L 10.00 ND 110 60-120
Trichloroethene	11.3	1.0 ug/L 10.00 ND 113 60-120
Trichlorofluoromethane (Freon 11)	12.2	1.0 ug/L 10.00 ND 122 60-120
1,2,3-Trichloropropane	10.8	1.0 ug/L 10.00 ND 108 60-120
Vinyl acetate	8.2	1.0 ug/L 10.00 ND 82 60-120
Vinyl chloride	12.0	1.0 ug/L 10.00 ND 120 60-120
o-Xylene	11.4	1.0 ug/L 10.00 ND 114 60-120
m- & p-Xylenes	23.4	1.0 ug/L 20.00 ND 117 60-120
Surrogate: 1,2-Dichloroethane-d4	50.07	ug/L 50.00 100 70-130
Surrogate: Toluene-d8	49.93	ug/L 50.00 100 75-120
Surrogate: 4-Bromofluorobenzene	51.03	ug/L 50.00 102 75-120



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

EDB and DBCP by EPA 8011 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204193 - 504.1 EDB/DBCP										
Blank (B204193-BLK1)					Prepared & Analyzed: 04/12/22					
1,2-Dibromo-3-chloropropane	ND		0.050	ug/L						
1,2-Dibromoethane (EDB)	ND		0.020	ug/L						
Blank (B204193-BLK2)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	ND		0.050	ug/L						
1,2-Dibromoethane (EDB)	ND		0.020	ug/L						
Blank (B204193-BLK3)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	ND		0.050	ug/L						
1,2-Dibromoethane (EDB)	ND		0.020	ug/L						
LCS (B204193-BS1)					Prepared & Analyzed: 04/12/22					
1,2-Dibromo-3-chloropropane	0.093		0.050	ug/L	0.1006		92	70-130		
1,2-Dibromoethane (EDB)	0.121		0.020	ug/L	0.1006		120	70-130		
LCS (B204193-BS2)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	0.093		0.050	ug/L	0.1006		93	70-130		
1,2-Dibromoethane (EDB)	0.118		0.020	ug/L	0.1006		117	70-130		
LCS (B204193-BS3)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	0.094		0.050	ug/L	0.1006		93	70-130		
1,2-Dibromoethane (EDB)	0.125		0.020	ug/L	0.1006		124	70-130		
Matrix Spike (B204193-MS1)			Source: 2040420-05			Prepared & Analyzed: 04/12/22				
1,2-Dibromo-3-chloropropane	0.170		0.048	ug/L	0.1918	ND	89	70-130		
1,2-Dibromoethane (EDB)	0.208		0.019	ug/L	0.1918	ND	109	70-130		
Matrix Spike (B204193-MS2)			Source: 2033038-05			Prepared: 04/12/22 Analyzed: 04/13/22				
1,2-Dibromo-3-chloropropane	0.175		0.047	ug/L	0.1908	ND	92	70-130		
1,2-Dibromoethane (EDB)	0.222		0.019	ug/L	0.1908	ND	116	70-130		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

EDB and DBCP by EPA 8011 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204193 - 504.1 EDB/DBCP										
Matrix Spike (B204193-MS3)			Source: 2033132-05			Prepared: 04/12/22 Analyzed: 04/13/22				
1,2-Dibromo-3-chloropropane	0.183		0.047	ug/L	0.1898	ND	97	70-130		
1,2-Dibromoethane (EDB)	0.218		0.019	ug/L	0.1898	ND	115	70-130		
Reference (B204193-SRM1)			Prepared & Analyzed: 04/12/22							
1,2-Dibromo-3-chloropropane	0.016		0.050	ug/L	0.02011		80	50-150		
1,2-Dibromoethane (EDB)	0.026		0.020	ug/L	0.02011		128	50-150		
Reference (B204193-SRM2)			Prepared: 04/12/22 Analyzed: 04/13/22							
1,2-Dibromo-3-chloropropane	0.015		0.050	ug/L	0.02011		76	50-150		
1,2-Dibromoethane (EDB)	0.023		0.020	ug/L	0.02011		115	50-150		
Reference (B204193-SRM3)			Prepared: 04/12/22 Analyzed: 04/13/22							
1,2-Dibromo-3-chloropropane	0.018		0.050	ug/L	0.02011		89	50-150		
1,2-Dibromoethane (EDB)	0.026		0.020	ug/L	0.02011		130	50-150		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204104 - 3010A-Metals Digestion

Blank (B204104-BLK1)

Prepared: 04/06/22 Analyzed: 04/07/22

Hardness as CaCO3	ND		500	ug/L						
Antimony	ND		1.00	ug/L						
Arsenic	ND		1.00	ug/L						
Barium	ND		1.00	ug/L						
Beryllium	ND		1.00	ug/L						
Cadmium	ND		1.00	ug/L						
Calcium	ND		80.0	ug/L						
Chromium	ND		1.00	ug/L						
Cobalt	ND		1.00	ug/L						
Copper	ND		1.00	ug/L						
Iron	15.4	J	100	ug/L						
Lead	ND		1.00	ug/L						
Magnesium	ND		100	ug/L						
Manganese	ND		1.00	ug/L						
Mercury	ND		0.100	ug/L						
Nickel	ND		1.00	ug/L						
Potassium	ND		100	ug/L						
Selenium	ND		1.00	ug/L						
Silver	ND		1.00	ug/L						
Sodium	ND		100	ug/L						
Thallium	ND		1.00	ug/L						
Vanadium	ND		1.00	ug/L						
Zinc	ND		4.00	ug/L						

LCS (B204104-BS1)

Prepared: 04/06/22 Analyzed: 04/07/22

Antimony	47.9		1.00	ug/L	50.00		96	80-120		
Arsenic	51.4		1.00	ug/L	50.00		103	80-120		
Barium	50.1		1.00	ug/L	50.00		100	80-120		
Beryllium	51.1		1.00	ug/L	50.00		102	80-120		
Cadmium	51.0		1.00	ug/L	50.00		102	80-120		
Calcium	5110		80.0	ug/L	5000		102	80-120		
Chromium	51.2		1.00	ug/L	50.00		102	80-120		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204104 - 3010A-Metals Digestion

LCS (B204104-BS1)

Prepared: 04/06/22 Analyzed: 04/07/22

Cobalt	53.3		1.00	ug/L	50.00		107	80-120		
Copper	54.6		1.00	ug/L	50.00		109	80-120		
Iron	5250		100	ug/L	5000		105	80-120		
Lead	50.5		1.00	ug/L	50.00		101	80-120		
Magnesium	5320		100	ug/L	5000		106	80-120		
Manganese	51.9		1.00	ug/L	50.00		104	80-120		
Mercury	2.51		0.100	ug/L	2.500		100	80-120		
Nickel	52.6		1.00	ug/L	50.00		105	80-120		
Potassium	5260		100	ug/L	5000		105	80-120		
Selenium	51.9		1.00	ug/L	50.00		104	80-120		
Silver	52.4		1.00	ug/L	50.00		105	80-120		
Sodium	5390		100	ug/L	5000		108	80-120		
Thallium	51.8		1.00	ug/L	50.00		104	80-120		
Vanadium	50.2		1.00	ug/L	50.00		100	80-120		
Zinc	107		4.00	ug/L	100.0		107	80-120		

Duplicate (B204104-DUP1)

Source: 2032907-01

Prepared: 04/06/22 Analyzed: 04/07/22

Hardness as CaCO3	58200		500	ug/L		58400		0.4		200
Antimony	ND		1.00	ug/L		ND				200
Arsenic	5.08		1.00	ug/L		5.17		2		200
Barium	299		1.00	ug/L		293		2		200
Beryllium	2.02		1.00	ug/L		2.33		14		200
Cadmium	1.96		1.00	ug/L		1.89		3		200
Calcium	9760		80.0	ug/L		9970		2		200
Chromium	19.3		1.00	ug/L		25.7		29		200
Cobalt	17.5		1.00	ug/L		17.9		2		200
Copper	22.6		1.00	ug/L		24.8		9		200
Iron	31500		100	ug/L		31200		0.8		200
Lead	60.9		1.00	ug/L		62.3		2		200
Magnesium	8210		100	ug/L		8130		0.9		200
Manganese	801		1.00	ug/L		779		3		200
Mercury	ND		0.100	ug/L		ND				200

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204104 - 3010A-Metals Digestion

Duplicate (B204104-DUP1)	Source: 2032907-01	Prepared: 04/06/22	Analyzed: 04/07/22			
Nickel	12.4	1.00	ug/L	12.6	2	200
Potassium	2680	100	ug/L	2790	4	200
Selenium	6.28	1.00	ug/L	6.90	9	200
Silver	ND	1.00	ug/L	ND		200
Sodium	22100	100	ug/L	22000	0.5	200
Thallium	ND	1.00	ug/L	ND		200
Vanadium	110	1.00	ug/L	114	3	200
Zinc	116	4.00	ug/L	117	0.3	200

Matrix Spike (B204104-MS1)	Source: 2032907-01	Prepared: 04/06/22	Analyzed: 04/07/22				
Antimony	47.6	1.00	ug/L	50.00	ND	95	60-140
Arsenic	54.3	1.00	ug/L	50.00	5.17	98	60-140
Barium	350	1.00	ug/L	50.00	293	114	60-140
Beryllium	53.3	1.00	ug/L	50.00	2.33	102	60-140
Cadmium	52.2	1.00	ug/L	50.00	1.89	101	60-140
Calcium	14600	80.0	ug/L	5000	9970	92	60-140
Chromium	71.1	1.00	ug/L	50.00	25.7	91	60-140
Cobalt	68.3	1.00	ug/L	50.00	17.9	101	60-140
Copper	74.7	1.00	ug/L	50.00	24.8	100	60-140
Iron	36300	100	ug/L	5000	31200	102	60-140
Lead	113	1.00	ug/L	50.00	62.3	102	60-140
Magnesium	13200	100	ug/L	5000	8130	101	60-140
Manganese	838	1.00	ug/L	50.00	779	116	60-140
Mercury	2.60	0.100	ug/L	2.500	ND	104	60-140
Nickel	62.7	1.00	ug/L	50.00	12.6	100	60-140
Potassium	7810	100	ug/L	5000	2790	100	60-140
Selenium	56.6	1.00	ug/L	50.00	6.90	99	60-140
Silver	51.0	1.00	ug/L	50.00	ND	102	60-140
Sodium	26400	100	ug/L	5000	22000	88	60-140
Thallium	52.4	1.00	ug/L	50.00	ND	105	60-140
Vanadium	161	1.00	ug/L	50.00	114	94	60-140
Zinc	217	4.00	ug/L	100.0	117	100	60-140

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

Ammonia (as N) by EPA 350.1 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204231 - Ammonia Prep										
Blank (B204231-BLK1)					Prepared & Analyzed: 04/12/22					
Ammonia as N	ND		0.02	mg/L						
LCS (B204231-BS1)					Prepared & Analyzed: 04/12/22					
Ammonia as N	0.52		0.02	mg/L	0.5000		103	80-120		
Duplicate (B204231-DUP1)					Source: 2033038-01 Prepared & Analyzed: 04/12/22					
Ammonia as N	ND		0.02	mg/L		ND				200
Matrix Spike (B204231-MS1)					Source: 2033038-01 Prepared & Analyzed: 04/12/22					
Ammonia as N	0.52		0.02	mg/L	0.5000	ND	104	80-120		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

Chemical Oxygen Demand by EPA 410.4 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204045 - COD (03) Prep										
Blank (B204045-BLK1)					Prepared & Analyzed: 04/04/22					
COD	ND		3.0	mg/L						
LCS (B204045-BS1)					Prepared & Analyzed: 04/04/22					
COD	56.1	S-98	3.0	mg/L	50.00		112	90-110		
Duplicate (B204045-DUP1)					Source: 2033038-01		Prepared & Analyzed: 04/04/22			
COD	ND		3.0	mg/L		ND				20
Matrix Spike (B204045-MS1)					Source: 2033038-01		Prepared & Analyzed: 04/04/22			
COD	56.9	S-98	3.0	mg/L	50.00	ND	114	90-110		



Rabecka Koons, Quality Assurance Officer

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Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

Conductivity by SM2510 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204192 - Conductivity

Duplicate (B204192-DUP1)		Source: 2033038-01		Prepared & Analyzed: 04/11/22					
Conductivity	194.8			uS/cm	197			1	20
Duplicate (B204192-DUP2)		Source: 2033132-01		Prepared & Analyzed: 04/11/22					
Conductivity	1053			uS/cm	1064			1	20



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

Anions by EPA 300.0 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B203601 - 300.0 Anions Prep

Blank (B203601-BLK1)

Prepared & Analyzed: 03/31/22

Chloride	ND		0.500	mg/L						
Nitrate	ND		0.050	mg/L						
Nitrate (as N)	ND		0.011	mg/L						
Sulfate	ND		0.3	mg/L						

LCS (B203601-BS1)

Prepared & Analyzed: 03/31/22

Chloride	3.96		0.500	mg/L	4.000		99	90-110		
Nitrate	3.72		0.050	mg/L	4.000		93	90-110		
Nitrate (as N)	0.840		0.011	mg/L				90-110		
Sulfate	4.0		0.3	mg/L	4.000		100	90-110		

Duplicate (B203601-DUP1)

Source: 2033018-01

Prepared & Analyzed: 03/31/22

Chloride	122		0.500	mg/L		122			0.08	20
Nitrate	7.67		0.050	mg/L		7.70			0.3	200
Nitrate (as N)	1.73		0.011	mg/L		1.74			0.3	200
Sulfate	1.2		0.3	mg/L		1.2			0.07	20

Matrix Spike (B203601-MS1)

Source: 2033018-01

Prepared & Analyzed: 03/31/22

Chloride	119	QM-4X	0.500	mg/L	4.000	122	NR	80-120		
Nitrate	11.3		0.050	mg/L	4.000	7.70	89	80-120		
Nitrate (as N)	2.54		0.011	mg/L		1.74		80-120		
Sulfate	5.2		0.3	mg/L	4.000	1.2	101	80-120		

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Rabecka Koons

Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

Total Suspended Solids by USGS I-3765-85 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204084 - TSS PREP										
Blank (B204084-BLK1)					Prepared: 04/05/22 Analyzed: 04/06/22					
Solids, Suspended	ND		2.5	mg/L						
LCS (B204084-BS1)					Prepared: 04/05/22 Analyzed: 04/06/22					
Solids, Suspended	51.6		2.5	mg/L	54.00		96	70-130		
Duplicate (B204084-DUP1)			Source: 2033023-01			Prepared: 04/05/22 Analyzed: 04/06/22				
Solids, Suspended	ND		4.2	mg/L		ND				20



Rabecka Koons, Quality Assurance Officer

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410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

Total Dissolved Solids by SM 2540C - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204050 - TDS Prep										
Blank (B204050-BLK1)					Prepared: 04/04/22 Analyzed: 04/05/22					
Solids, Dissolved	ND		10.0	mg/L						
LCS (B204050-BS1)					Prepared: 04/04/22 Analyzed: 04/05/22					
Solids, Dissolved	774		10.0	mg/L	783.5		99	90-110		
Duplicate (B204050-DUP1)			Source: 2032907-02			Prepared: 04/04/22 Analyzed: 04/05/22				
Solids, Dissolved	236		10.0	mg/L		233			1	20

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

SM 2320B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 813660 - SM 2320B										
BLANK (4466110)										
					Prepared & Analyzed: 04/05/22					
Alkalinity, Total as CaCO3	<5.0		5.0	mg/L				-		
LCS (4466111)										
					Prepared & Analyzed: 04/05/22					
Alkalinity, Total as CaCO3	94%		5.0	mg/L	250		94	90-110		
DUP (4466112)										
			Source: 2033038-01			Prepared & Analyzed: 04/05/22				
Alkalinity, Total as CaCO3	89.5		5.0	mg/L		85.1		-	5	20



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:02

Notes and Definitions

- S-98 Spike recovery outside of established control limits.
- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- O-07 This sample was received outside of the EPA recommended holding time.
- L Analyte is a possible laboratory contaminant
- J Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag).
- RE Sample reanalyses are done at the laboratory's discretion as a mechanism to improve data quality. Any client requested reanalysis will be identified with a sample qualifier.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- %-Solids Percent Solids is a supportive test and as such does not require accreditation



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Rabecka Koons, Quality Assurance Officer

Company Name: EA Engineering		Project Manager: Laura Oakes		Analysis Requested										CHAIN-OF-CUSTODY RECORD																
Project Name: GUDE Landfill		Project ID: 155604		<table border="1"> <tr> <td rowspan="2">No. of Containers</td> <td rowspan="2">8260LL VOC and 8011*</td> <td rowspan="2">6020 MDE Landfill List</td> <td rowspan="2">Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity</td> <td rowspan="2">Turbidity, pH</td> <td rowspan="2">Suspended Solids</td> <td rowspan="2">COD</td> <td rowspan="2">Ammonia-Nitrogen</td> <td colspan="3">Matrix Codes: NW (non-potable water) PW (potable water)</td> </tr> <tr> <td>Preservative: 1:1 HCl, H₂SO₄, Methanol, Na₂S₂O₃, NaHCO₃</td> <td>Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank</td> <td>MSS Lab ID</td> </tr> </table>										No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Matrix Codes: NW (non-potable water) PW (potable water)			Preservative: 1:1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID	Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 reporting@mdspectral.com		
No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity																			Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Matrix Codes: NW (non-potable water) PW (potable water)				
				Preservative: 1:1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID																								
Sampler(s): D. Kozlowski, R. Williams, J. Stith		P.O. Number: 19541												Matrix Codes: NW (non-potable water) PW (potable water)																
Field Sample ID		Date	Time	Water	Soil	Other	No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Preservative: 1:1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID													
Mw-3B		3/30/22	0922	X			10	X	X	X	X	X	X	X	HCl, H ₂ SO ₄ , NaHCO ₃		2033038-01 A													
Mw-3A			1028														- 02													
OB08			1123														- 03													
OB08A			1206														- 04													
OB15			1343														- 05													
OB12			1312														- 06													
OB11A			1443														- 07													
OB11			1512														- 08													
OB025			1554														- 09													
* Please analyze 2 VOCs (1,2-Dibromo-3-chloropropane and 1, 2 Dibromoethane) by method 8011 in addition to method 8260.																														
Relinquished by: (Signature) <i>Reid Williams</i>		Date/Time 1/10		Received by: (Signature)				Relinquished by: (Signature)				Date/Time		Received by: (Signature)																
(Printed) Reid Williams		3/30/22		(Printed)				(Printed)						(Printed)																
Relinquished by: (Signature)		Date/Time		Received by Lab: (Signature)				Turn Around Time:				Lab Use:																		
(Printed)		3/30/22 17:24		Rachel Horner				<input checked="" type="checkbox"/> Normal (7 day) <input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ <input type="checkbox"/> Specific Due Date: _____				Temp: <u>4</u> °C <input checked="" type="checkbox"/> Received on Ice <input type="checkbox"/> Received same day <input type="checkbox"/> Preservation Appropriate																		
Delivery Method:		Special Instructions/QC Requirements & Comments:																												
<input type="checkbox"/> Courier <input type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> USPS <input type="checkbox"/> Other: _____																														
		Sample Disposal:																												
		<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for _____ days																												

SUBCONTRACT ORDER
Maryland Spectral Services

2033038

WO#: 35707502



35707502

SENDING LABORATORY:

Maryland Spectral Services
1500 Caton Center Dr. Suite G
Halethorpe, MD 21227
Phone: 410.247.7600
Project Manager: Cory Koons

RECEIVING LABORATORY:

Pace Labs-FL
8 East Tower Circle
Ormond Beach, FL 32174
Phone: (386) 672-5668
Fax:

Reports Email: Reporting@mdspectral.com

Due 4:00 PM 04/08/22

Laboratory ID

Comments

Sample ID: 2033038-01 MW-3B Water Sampled: 03/30/22 09:22

Alkalinity

Containers Supplied:

Plastic, 0.5L None (F)

Sample ID: 2033038-02 MW-3A Water Sampled: 03/30/22 10:28

Alkalinity

Containers Supplied:

Plastic, 0.5L None (F)

Sample ID: 2033038-03 OB08 Water Sampled: 03/30/22 11:23

Alkalinity

Containers Supplied:

Plastic, 0.5L None (F)

Sample ID: 2033038-04 OB08A Water Sampled: 03/30/22 12:06

Alkalinity

Containers Supplied:

Plastic, 0.5L None (F)

13:04

Released By:	Date: 03/29/22	Received By:	Date: 03/31/22
Released By:	Date: 03/29/22	Received By:	Date: 4/2/22

SUBCONTRACT ORDER
Maryland Spectral Services

2033038

Due	Time	Date	Laboratory ID	Comments
Sample ID: 2033038-05	OB15	Water	Sampled: 03/30/22 13:43	
<u>Alkalinity</u>				
<i>Containers Supplied:</i> Plastic, 0.5L None (F)				
Sample ID: 2033038-06	OB12	Water	Sampled: 03/30/22 13:12	
<u>Alkalinity</u>				
<i>Containers Supplied:</i> Plastic, 0.5L None (F)				
Sample ID: 2033038-07	OB11A	Water	Sampled: 03/30/22 14:43	
<u>Alkalinity</u>				
<i>Containers Supplied:</i> Plastic, 0.5L None (F)				
Sample ID: 2033038-08	OB11	Water	Sampled: 03/30/22 15:12	
<u>Alkalinity</u>				
<i>Containers Supplied:</i> Plastic, 0.5L None (F)				
Sample ID: 2033038-09	OB025	Water	Sampled: 03/30/22 15:54	
<u>Alkalinity</u>				
<i>Containers Supplied:</i> Plastic, 0.5L None (F)				

13:04

Released By: [Signature] Date: 03/31/22 1915
Received By: [Signature] Date: 03/29/22 1710
Released By: [Signature] Date: 03/31/22 1915
Received By: [Signature] Date: 4/2/22 1130

SUBCONTRACT ORDER
Maryland Spectral Services
2033038.

Due 4:00 PM 04/08/22 Laboratory ID Comments

Sample ID: 2033038-10 OB50 Water Sampled: 03/30/22 12:00

Alkalinity

Containers Supplied:
Plastic, 0.5L None (F)

13:04

3-31-22

[Signature]
Received By

03/21/22
Date

1310

03/31/22 1215

[Signature]
Received By

4/2/22
Date

1140

14 April 2022

Laura Oakes
EA Engineering
225 Schilling Circle, STE 400
Hunt Valley, MD 21031
RE: GUDE LANDFILL

Enclosed are the results of analyses for samples received by the laboratory on 03/31/22 13:57.

Please visit our website at www.mdspectral.com for a complete listing of our accreditations.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Rabecka Koons
Quality Assurance Officer

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-21 B		2033132-01	Nonpotable Water	03/31/22 07:58	03/31/22 13:57
MW-21 A		2033132-02	Nonpotable Water	03/31/22 08:38	03/31/22 13:57
MW-6		2033132-03	Nonpotable Water	03/31/22 09:48	03/31/22 13:57
OB01		2033132-04	Nonpotable Water	03/31/22 10:24	03/31/22 13:57
MW-24 A		2033132-05	Nonpotable Water	03/31/22 11:18	03/31/22 13:57
MW-24 B		2033132-06	Nonpotable Water	03/31/22 11:54	03/31/22 13:57
OB40		2033132-07	Nonpotable Water	03/31/22 12:00	03/31/22 13:57
ST-80		2033132-08	Nonpotable Water	03/31/22 12:25	03/31/22 13:57
TRIP BLANK		2033132-09	Nonpotable Water	03/31/22 00:00	03/31/22 13:57



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-21 B

2033132-01 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.16	O-07	pH Units			1	04/01/22	04/01/22 16:42	CRP
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	103		NTU	2.50	0.550	5	04/01/22	04/01/22 17:51	CRP
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 13:26	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 13:26	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Benzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 13:26	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
1,4-Dichlorobenzene	1.4		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
1,1-Dichloroethane	10.6		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
cis-1,2-Dichloroethene	34.7		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
trans-1,2-Dichloroethene	1.3		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
1,2-Dichloropropane	3.2		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-21 B

2033132-01 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 13:26	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 13:26	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 13:26	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 13:26	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 13:26	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Tetrachloroethene	6.2		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Toluene	1.5		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Trichloroethene	21.2		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Vinyl chloride	3.2		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
o-Xylene	1.3		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
m- & p-Xylenes	2.2		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:26	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	99 %	04/06/22		04/06/22 13:26		
Surrogate: Toluene-d8			75-120	98 %	04/06/22		04/06/22 13:26		
Surrogate: 4-Bromofluorobenzene			75-120	98 %	04/06/22		04/06/22 13:26		

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-21 B

2033132-01 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/12/22	04/13/22 05:56	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 05:56	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	320000		ug/L	500	500	1	04/07/22	04/08/22 17:49	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:49	VVD
Arsenic	2.61		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:49	VVD
Barium	99.9		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:49	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:49	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:49	VVD
Calcium	70100		ug/L	80.0	80.0	1	04/07/22	04/08/22 17:49	VVD
Chromium	9.92		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:49	VVD
Cobalt	50.9		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:49	VVD
Copper	10.1		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:49	VVD
Iron	32000		ug/L	100	5.00	1	04/07/22	04/08/22 17:49	VVD
Lead	2.67		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:49	VVD
Magnesium	35300		ug/L	100	100	1	04/07/22	04/08/22 17:49	VVD
Manganese	4680		ug/L	10.0	10.0	10	04/07/22	04/08/22 20:06	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/07/22	04/08/22 17:49	VVD
Nickel	31.0		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:49	VVD
Potassium	3560		ug/L	100	100	1	04/07/22	04/08/22 17:49	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:49	VVD
Silver	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:49	VVD
Sodium	73300		ug/L	100	100	1	04/07/22	04/08/22 17:49	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:49	VVD
Vanadium	1.41		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:49	VVD
Zinc	19.3		ug/L	4.00	4.00	1	04/07/22	04/08/22 17:49	VVD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-21 B

2033132-01 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.46		mg/L	0.02	0.02	1	04/12/22	04/12/22 18:33	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	12.1		mg/L	3.0	3.0	1	04/04/22	04/04/22 20:44	VVD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	1064		uS/cm			1	04/11/22	04/11/22 18:48	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	196		mg/L	0.500	0.500	1	04/01/22	04/01/22 16:41	CRP
Nitrate	ND		mg/L	0.050	0.050	1	04/01/22	04/01/22 16:41	CRP
Nitrate (as N)	ND		mg/L	0.011	0.011	1	04/01/22	04/01/22 16:41	CRP
Sulfate	15.1		mg/L	0.3	0.3	1	04/01/22	04/01/22 16:41	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	355		mg/L	8.9	8.9	1	04/04/22	04/05/22 12:41	AD
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	605		mg/L	10.0	10.0	1	04/06/22	04/07/22 17:51	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	241		mg/L	5.0	5.0	1	04/05/22	04/05/22 18:36	MCD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-21 A

2033132-02 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.33	O-07	pH Units			1	04/01/22	04/01/22 16:42	CRP
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	31.1		NTU	0.500	0.110	1	04/01/22	04/01/22 17:34	CRP
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 13:50	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 13:50	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Benzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 13:50	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
1,1-Dichloroethane	1.3		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
cis-1,2-Dichloroethene	4.7		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-21 A

2033132-02 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 13:50	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 13:50	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 13:50	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 13:50	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 13:50	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Toluene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Trichloroethene	2.6		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 13:50	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	100 %			04/06/22	04/06/22 13:50	
Surrogate: Toluene-d8			75-120	94 %			04/06/22	04/06/22 13:50	
Surrogate: 4-Bromofluorobenzene			75-120	94 %			04/06/22	04/06/22 13:50	

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-21 A

2033132-02 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 06:11	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 06:11	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	295000		ug/L	500	500	1	04/07/22	04/08/22 17:52	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:52	VVD
Arsenic	1.23		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:52	VVD
Barium	296		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:52	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:52	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:52	VVD
Calcium	60200		ug/L	80.0	80.0	1	04/07/22	04/08/22 17:52	VVD
Chromium	1.66		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:52	VVD
Cobalt	72.3		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:52	VVD
Copper	1.74		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:52	VVD
Iron	42400		ug/L	100	5.00	1	04/07/22	04/08/22 17:52	VVD
Lead	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:52	VVD
Magnesium	35100		ug/L	100	100	1	04/07/22	04/08/22 17:52	VVD
Manganese	8990		ug/L	20.0	20.0	20	04/07/22	04/08/22 20:08	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/07/22	04/08/22 17:52	VVD
Nickel	13.5		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:52	VVD
Potassium	15200		ug/L	100	100	1	04/07/22	04/08/22 17:52	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:52	VVD
Silver	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:52	VVD
Sodium	41600		ug/L	100	100	1	04/07/22	04/08/22 17:52	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:52	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:52	VVD
Zinc	14.4		ug/L	4.00	4.00	1	04/07/22	04/08/22 17:52	VVD

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-21 A

2033132-02 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	4.71		mg/L	2.00	2.00	1	04/13/22	04/13/22 16:53	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	12.8		mg/L	3.0	3.0	1	04/04/22	04/04/22 20:45	VVD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	837.9		uS/cm			1	04/11/22	04/11/22 18:48	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	50.2		mg/L	0.500	0.500	1	04/01/22	04/01/22 17:00	CRP
Nitrate	5.48		mg/L	0.050	0.050	1	04/01/22	04/01/22 17:00	CRP
Nitrate (as N)	1.24		mg/L	0.011	0.011	1	04/01/22	04/01/22 17:00	CRP
Sulfate	15.6		mg/L	0.3	0.3	1	04/01/22	04/01/22 17:00	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	247		mg/L	2.3	2.3	1	04/04/22	04/05/22 12:41	AD
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	444		mg/L	10.0	10.0	1	04/06/22	04/07/22 17:51	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	336		mg/L	5.0	5.0	1	04/05/22	04/05/22 18:43	MCD



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-6

2033132-03 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.05	O-07	pH Units			1	04/01/22	04/01/22 16:42	CRP
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	10.9		NTU	0.500	0.110	1	04/01/22	04/01/22 17:36	CRP
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 14:15	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 14:15	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Benzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 14:15	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Chlorobenzene	9.7		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
1,4-Dichlorobenzene	6.1		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
cis-1,2-Dichloroethene	2.7		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-6

2033132-03 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 14:15	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 14:15	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 14:15	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 14:15	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 14:15	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
1,1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Toluene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:15	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	103 %	04/06/22		04/06/22 14:15		
Surrogate: Toluene-d8			75-120	98 %	04/06/22		04/06/22 14:15		
Surrogate: 4-Bromofluorobenzene			75-120	95 %	04/06/22		04/06/22 14:15		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-6

2033132-03 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/12/22	04/13/22 06:26	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 06:26	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	499000		ug/L	500	500	1	04/07/22	04/08/22 17:54	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:54	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:54	VVD
Barium	372		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:54	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:54	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:54	VVD
Calcium	84600		ug/L	80.0	80.0	1	04/07/22	04/08/22 17:54	VVD
Chromium	2.09		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:54	VVD
Cobalt	676		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:54	VVD
Copper	4.62		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:54	VVD
Iron	3340		ug/L	100	5.00	1	04/07/22	04/08/22 17:54	VVD
Lead	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:54	VVD
Magnesium	69800		ug/L	100	100	1	04/07/22	04/08/22 17:54	VVD
Manganese	42700		ug/L	100	100	100	04/07/22	04/08/22 20:11	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/07/22	04/08/22 17:54	VVD
Nickel	94.6		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:54	VVD
Potassium	4270		ug/L	100	100	1	04/07/22	04/08/22 17:54	VVD
Selenium	5.30		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:54	VVD
Silver	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:54	VVD
Sodium	196000		ug/L	10000	10000	100	04/07/22	04/08/22 20:11	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:54	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:54	VVD
Zinc	35.5		ug/L	4.00	4.00	1	04/07/22	04/08/22 17:54	VVD



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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-6

2033132-03 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.32		mg/L	0.02	0.02	1	04/12/22	04/12/22 18:35	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	3.2		mg/L	3.0	3.0	1	04/04/22	04/04/22 20:45	VVD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	1993		uS/cm			1	04/11/22	04/11/22 18:48	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	475		mg/L	0.500	0.500	1	04/01/22	04/01/22 17:18	CRP
Nitrate	0.065		mg/L	0.050	0.050	1	04/01/22	04/01/22 17:18	CRP
Nitrate (as N)	0.015		mg/L	0.011	0.011	1	04/01/22	04/01/22 17:18	CRP
Sulfate	26.4		mg/L	0.3	0.3	1	04/01/22	04/01/22 17:18	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	107		mg/L	3.2	3.2	1	04/04/22	04/05/22 12:41	AD
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	1110		mg/L	10.0	10.0	1	04/06/22	04/07/22 17:51	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	242		mg/L	5.0	5.0	1	04/05/22	04/05/22 18:55	MCD

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

OB01

2033132-04 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	5.76	O-07	pH Units			1	04/01/22	04/01/22 16:42	CRP
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	5.84		NTU	0.500	0.110	1	04/01/22	04/01/22 17:37	CRP
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 14:40	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 14:40	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Benzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 14:40	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

OB01

2033132-04 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 14:40	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 14:40	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 14:40	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 14:40	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 14:40	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Toluene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 14:40	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	103 %	04/06/22		04/06/22 14:40		
Surrogate: Toluene-d8			75-120	98 %	04/06/22		04/06/22 14:40		
Surrogate: 4-Bromofluorobenzene			75-120	94 %	04/06/22		04/06/22 14:40		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

OB01

2033132-04 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 06:41	EH
1,2-Dibromoethane (EDB)	0.026		ug/L	0.019	0.019	1	04/12/22	04/13/22 06:41	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	597000		ug/L	5000	5000	10	04/07/22	04/08/22 20:13	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:57	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:57	VVD
Barium	321		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:57	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:57	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:57	VVD
Calcium	115000		ug/L	800	800	10	04/07/22	04/08/22 20:13	VVD
Chromium	2.04		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:57	VVD
Cobalt	20.1		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:57	VVD
Copper	9.79		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:57	VVD
Iron	862		ug/L	100	5.00	1	04/07/22	04/08/22 17:57	VVD
Lead	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:57	VVD
Magnesium	75000		ug/L	1000	1000	10	04/07/22	04/08/22 20:13	VVD
Manganese	3280		ug/L	10.0	10.0	10	04/07/22	04/08/22 20:13	VVD
Mercury	0.230		ug/L	0.100	0.100	1	04/07/22	04/08/22 17:57	VVD
Nickel	20.1		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:57	VVD
Potassium	5320		ug/L	100	100	1	04/07/22	04/08/22 17:57	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:57	VVD
Silver	1.96		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:57	VVD
Sodium	165000		ug/L	1000	1000	10	04/07/22	04/08/22 20:13	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:57	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:57	VVD
Zinc	15.8		ug/L	4.00	4.00	1	04/07/22	04/08/22 17:57	VVD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

OB01

2033132-04 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.04		mg/L	0.02	0.02	1	04/12/22	04/12/22 18:35	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	04/04/22	04/04/22 20:45	VVD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	2059		uS/cm			1	04/11/22	04/11/22 18:48	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	579		mg/L	1.00	1.00	2	04/01/22	04/01/22 19:46	CRP
Nitrate	10.2		mg/L	0.050	0.050	1	04/01/22	04/01/22 17:36	CRP
Nitrate (as N)	2.30		mg/L	0.011	0.011	1	04/01/22	04/01/22 17:36	CRP
Sulfate	26.2		mg/L	0.3	0.3	1	04/01/22	04/01/22 17:36	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	12.4		mg/L	3.1	3.1	1	04/04/22	04/05/22 12:41	AD
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	1080		mg/L	10.0	10.0	1	04/06/22	04/07/22 17:51	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	79.4		mg/L	5.0	5.0	1	04/05/22	04/05/22 19:00	MCD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-24 A

2033132-05 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	5.80	O-07	pH Units			1	04/01/22	04/01/22 16:42	CRP
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	39.9		NTU	0.500	0.110	1	04/01/22	04/01/22 17:38	CRP
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:05	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:05	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Benzene	3.5		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:05	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Chlorobenzene	7.3		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
1,4-Dichlorobenzene	10.6		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
1,1-Dichloroethane	1.1		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
cis-1,2-Dichloroethene	1.2		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
trans-1,2-Dichloroethene	1.5		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-24 A

2033132-05 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:05	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:05	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 15:05	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:05	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:05	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Toluene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Vinyl chloride	4.0		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:05	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	102 %			04/06/22	04/06/22 15:05	
Surrogate: Toluene-d8			75-120	98 %			04/06/22	04/06/22 15:05	
Surrogate: 4-Bromofluorobenzene			75-120	97 %			04/06/22	04/06/22 15:05	

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-24 A

2033132-05 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/12/22	04/13/22 06:57	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 06:57	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	526000		ug/L	500	500	1	04/07/22	04/08/22 17:59	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:59	VVD
Arsenic	5.91		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:59	VVD
Barium	302		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:59	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:59	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:59	VVD
Calcium	87200		ug/L	80.0	80.0	1	04/07/22	04/08/22 17:59	VVD
Chromium	13.7		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:59	VVD
Cobalt	75.3		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:59	VVD
Copper	10.8		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:59	VVD
Iron	23200		ug/L	100	5.00	1	04/07/22	04/08/22 17:59	VVD
Lead	2.74		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:59	VVD
Magnesium	74800		ug/L	100	100	1	04/07/22	04/08/22 17:59	VVD
Manganese	11000		ug/L	20.0	20.0	20	04/07/22	04/08/22 20:16	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/07/22	04/08/22 17:59	VVD
Nickel	52.7		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:59	VVD
Potassium	5550		ug/L	100	100	1	04/07/22	04/08/22 17:59	VVD
Selenium	1.19		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:59	VVD
Silver	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:59	VVD
Sodium	50100		ug/L	100	100	1	04/07/22	04/08/22 17:59	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:59	VVD
Vanadium	1.74		ug/L	1.00	1.00	1	04/07/22	04/08/22 17:59	VVD
Zinc	18.2		ug/L	4.00	4.00	1	04/07/22	04/08/22 17:59	VVD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-24 A

2033132-05 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.56		mg/L	0.02	0.02	1	04/12/22	04/12/22 18:35	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	27.8		mg/L	3.0	3.0	1	04/04/22	04/04/22 20:46	VVD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	1498		uS/cm			1	04/11/22	04/11/22 18:48	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	372		mg/L	0.500	0.500	1	04/01/22	04/01/22 17:55	CRP
Nitrate	ND		mg/L	0.050	0.050	1	04/01/22	04/01/22 17:55	CRP
Nitrate (as N)	ND		mg/L	0.011	0.011	1	04/01/22	04/01/22 17:55	CRP
Sulfate	49.8		mg/L	0.3	0.3	1	04/01/22	04/01/22 17:55	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	328		mg/L	10.0	10.0	1	04/04/22	04/05/22 12:41	AD
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	880		mg/L	10.0	10.0	1	04/06/22	04/07/22 17:51	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	189		mg/L	5.0	5.0	1	04/05/22	04/05/22 19:06	MCD



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-24 B

2033132-06 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.41	O-07	pH Units			1	04/01/22	04/01/22 16:42	CRP
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	185		NTU	5.00	1.10	10	04/01/22	04/01/22 17:53	CRP
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:30	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:30	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Benzene	5.9		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:30	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Chlorobenzene	5.3		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
1,4-Dichlorobenzene	17.2		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
1,1-Dichloroethane	2.1		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
cis-1,2-Dichloroethene	1.2		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
trans-1,2-Dichloroethene	2.5		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-24 B

2033132-06 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:30	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:30	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 15:30	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:30	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:30	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Toluene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Vinyl chloride	1.1		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:30	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	102 %			04/06/22	04/06/22 15:30	
Surrogate: Toluene-d8			75-120	99 %			04/06/22	04/06/22 15:30	
Surrogate: 4-Bromofluorobenzene			75-120	97 %			04/06/22	04/06/22 15:30	



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-24 B

2033132-06 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/12/22	04/12/22 19:53	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/12/22 19:53	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	660000		ug/L	5000	5000	10	04/07/22	04/08/22 20:18	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:20	VVD
Arsenic	35.7		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:20	VVD
Barium	219		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:20	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:20	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:20	VVD
Calcium	115000		ug/L	800	800	10	04/07/22	04/08/22 20:18	VVD
Chromium	1.93		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:20	VVD
Cobalt	59.0		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:20	VVD
Copper	1.29		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:20	VVD
Iron	49600		ug/L	100	5.00	1	04/07/22	04/08/22 18:20	VVD
Lead	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:20	VVD
Magnesium	90300		ug/L	1000	1000	10	04/07/22	04/08/22 20:18	VVD
Manganese	4410		ug/L	10.0	10.0	10	04/07/22	04/08/22 20:18	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/07/22	04/08/22 18:20	VVD
Nickel	18.8		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:20	VVD
Potassium	4210		ug/L	100	100	1	04/07/22	04/08/22 18:20	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:20	VVD
Silver	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:20	VVD
Sodium	35700		ug/L	100	100	1	04/07/22	04/08/22 18:20	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:20	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:20	VVD
Zinc	ND		ug/L	4.00	4.00	1	04/07/22	04/08/22 18:20	VVD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

MW-24 B

2033132-06 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.15		mg/L	0.02	0.02	1	04/12/22	04/12/22 18:36	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	32.4		mg/L	3.0	3.0	1	04/06/22	04/06/22 17:13	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	1559		uS/cm			1	04/11/22	04/11/22 18:48	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	356		mg/L	0.500	0.500	1	04/01/22	04/01/22 18:13	CRP
Nitrate	ND		mg/L	0.050	0.050	1	04/01/22	04/01/22 18:13	CRP
Nitrate (as N)	ND		mg/L	0.011	0.011	1	04/01/22	04/01/22 18:13	CRP
Sulfate	ND		mg/L	0.3	0.3	1	04/01/22	04/01/22 18:13	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	86.9		mg/L	2.3	2.3	1	04/04/22	04/05/22 12:41	AD
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	888		mg/L	10.0	10.0	1	04/06/22	04/07/22 17:51	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	291		mg/L	5.0	5.0	1	04/05/22	04/05/22 19:12	MCD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

OB40

2033132-07 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.42	O-07	pH Units			1	04/01/22	04/01/22 16:42	CRP
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	215		NTU	5.00	1.10	10	04/01/22	04/01/22 17:55	CRP
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:54	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:54	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Benzene	5.8		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:54	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Chlorobenzene	5.4		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Chloroethane	1.3		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
1,4-Dichlorobenzene	16.7		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
1,1-Dichloroethane	2.1		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
cis-1,2-Dichloroethene	1.1		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
trans-1,2-Dichloroethene	2.5		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

OB40

2033132-07 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:54	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:54	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 15:54	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:54	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 15:54	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Toluene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Vinyl chloride	1.1		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 15:54	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	103 %			04/06/22	04/06/22 15:54	
Surrogate: Toluene-d8			75-120	98 %			04/06/22	04/06/22 15:54	
Surrogate: 4-Bromofluorobenzene			75-120	96 %			04/06/22	04/06/22 15:54	

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

OB40

2033132-07 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/12/22 20:09	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/12/22 20:09	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	669000		ug/L	5000	5000	10	04/07/22	04/08/22 20:21	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:23	VVD
Arsenic	36.1		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:23	VVD
Barium	219		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:23	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:23	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:23	VVD
Calcium	117000		ug/L	800	800	10	04/07/22	04/08/22 20:21	VVD
Chromium	2.00		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:23	VVD
Cobalt	59.3		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:23	VVD
Copper	1.31		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:23	VVD
Iron	49900		ug/L	100	5.00	1	04/07/22	04/08/22 18:23	VVD
Lead	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:23	VVD
Magnesium	91500		ug/L	1000	1000	10	04/07/22	04/08/22 20:21	VVD
Manganese	4420		ug/L	10.0	10.0	10	04/07/22	04/08/22 20:21	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/07/22	04/08/22 18:23	VVD
Nickel	19.4		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:23	VVD
Potassium	4230		ug/L	100	100	1	04/07/22	04/08/22 18:23	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:23	VVD
Silver	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:23	VVD
Sodium	36000		ug/L	100	100	1	04/07/22	04/08/22 18:23	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:23	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:23	VVD
Zinc	ND		ug/L	4.00	4.00	1	04/07/22	04/08/22 18:23	VVD



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

OB40

2033132-07 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.14		mg/L	0.02	0.02	1	04/12/22	04/12/22 18:51	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	33.2		mg/L	3.0	3.0	1	04/06/22	04/06/22 17:14	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	1554		uS/cm			1	04/11/22	04/11/22 18:48	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	357		mg/L	0.500	0.500	1	04/01/22	04/01/22 19:09	CRP
Nitrate	ND		mg/L	0.050	0.050	1	04/01/22	04/01/22 19:09	CRP
Nitrate (as N)	ND		mg/L	0.011	0.011	1	04/01/22	04/01/22 19:09	CRP
Sulfate	ND		mg/L	0.3	0.3	1	04/01/22	04/01/22 19:09	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	73.2		mg/L	2.3	2.3	1	04/04/22	04/05/22 12:41	AD
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	879		mg/L	10.0	10.0	1	04/06/22	04/07/22 17:51	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	288		mg/L	5.0	5.0	1	04/05/22	04/05/22 19:18	MCD

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

ST-80

2033132-08 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	7.82	O-07	pH Units			1	04/01/22	04/01/22 16:42	CRP
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	2.65		NTU	0.500	0.110	1	04/01/22	04/01/22 17:44	CRP
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 16:19	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 16:19	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Benzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 16:19	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

ST-80

2033132-08 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 16:19	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 16:19	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 16:19	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 16:19	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 16:19	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Toluene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:19	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	105 %	04/06/22		04/06/22 16:19		
Surrogate: Toluene-d8			75-120	99 %	04/06/22		04/06/22 16:19		
Surrogate: 4-Bromofluorobenzene			75-120	95 %	04/06/22		04/06/22 16:19		

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

ST-80

2033132-08 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/12/22 20:24	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/12/22 20:24	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	146000		ug/L	500	500	1	04/07/22	04/08/22 18:25	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:25	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:25	VVD
Barium	53.5		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:25	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:25	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:25	VVD
Calcium	31900		ug/L	80.0	80.0	1	04/07/22	04/08/22 18:25	VVD
Chromium	2.98		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:25	VVD
Cobalt	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:25	VVD
Copper	1.06		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:25	VVD
Iron	346		ug/L	100	5.00	1	04/07/22	04/08/22 18:25	VVD
Lead	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:25	VVD
Magnesium	16000		ug/L	100	100	1	04/07/22	04/08/22 18:25	VVD
Manganese	108		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:25	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/07/22	04/08/22 18:25	VVD
Nickel	4.40		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:25	VVD
Potassium	3650		ug/L	100	100	1	04/07/22	04/08/22 18:25	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:25	VVD
Silver	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:25	VVD
Sodium	72500		ug/L	100	100	1	04/07/22	04/08/22 18:25	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:25	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:25	VVD
Zinc	ND		ug/L	4.00	4.00	1	04/07/22	04/08/22 18:25	VVD



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

ST-80

2033132-08 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.12		mg/L	0.02	0.02	1	04/12/22	04/12/22 18:51	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	5.1		mg/L	3.0	3.0	1	04/06/22	04/06/22 17:14	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	692.6		uS/cm			1	04/11/22	04/11/22 18:48	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	157		mg/L	0.500	0.500	1	04/01/22	04/01/22 19:27	CRP
Nitrate	5.90		mg/L	0.050	0.050	1	04/01/22	04/01/22 19:27	CRP
Nitrate (as N)	1.33		mg/L	0.011	0.011	1	04/01/22	04/01/22 19:27	CRP
Sulfate	13.8		mg/L	0.3	0.3	1	04/01/22	04/01/22 19:27	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	3.0		mg/L	2.3	2.3	1	04/04/22	04/05/22 12:41	AD
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	375		mg/L	10.0	10.0	1	04/06/22	04/07/22 17:51	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	70.5		mg/L	5.0	5.0	1	04/05/22	04/05/22 19:23	MCD



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

TRIP BLANK

2033132-09 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 16:44	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 16:44	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Benzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 16:44	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

TRIP BLANK

2033132-09 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 16:44	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 16:44	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 16:44	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 16:44	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 16:44	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Toluene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 16:44	LL
Surrogate: 1,2-Dichloroethane-d4		70-130		105 %			04/06/22	04/06/22 16:44	
Surrogate: Toluene-d8		75-120		99 %			04/06/22	04/06/22 16:44	
Surrogate: 4-Bromofluorobenzene		75-120		95 %			04/06/22	04/06/22 16:44	

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/14/22 13:12

TRIP BLANK

2033132-09 (Nonpotable Water)
Sample Date: 03/31/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/12/22 20:38	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/12/22 20:38	EH



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Rabecka Koons, Quality Assurance Officer

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

pH measurement by EPA 9040C / SM 4500-H+ B-2011 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204018 - pH (Paper or Meter)

Reference (B204018-SRM1)

Prepared & Analyzed: 04/01/22

pH	7.01			pH Units	7.003		100	99.93-100.07		
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Rabecka Koons, Quality Assurance Officer

1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/14/22 13:12

Turbidity by EPA 180.1 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204026 - Turbidity Prep

Blank (B204026-BLK1)

Prepared & Analyzed: 04/01/22

Turbidity	ND		0.500	NTU						
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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

Blank (B204102-BLK1)

Prepared & Analyzed: 04/06/22

Acetone	ND		5.0	ug/L						
Acrylonitrile	ND		5.0	ug/L						
Allyl chloride (3-Chloropropylene)	ND		1.0	ug/L						
Benzene	ND		1.0	ug/L						
Bromochloromethane	ND		1.0	ug/L						
Bromodichloromethane	ND		1.0	ug/L						
Bromoform	ND		1.0	ug/L						
Bromomethane	ND		1.0	ug/L						
2-Butanone (MEK)	ND		5.0	ug/L						
Carbon disulfide	ND		1.0	ug/L						
Carbon tetrachloride	ND		1.0	ug/L						
Chlorobenzene	ND		1.0	ug/L						
Chloroethane	ND		1.0	ug/L						
Chloroform	ND		1.0	ug/L						
Chloromethane	ND		1.0	ug/L						
Chloroprene	ND		1.0	ug/L						
Dibromochloromethane	ND		1.0	ug/L						
1,2-Dibromo-3-chloropropane	ND		1.0	ug/L						
1,2-Dibromoethane (EDB)	ND		1.0	ug/L						
Dibromomethane	ND		1.0	ug/L						
1,2-Dichlorobenzene	ND		1.0	ug/L						
1,4-Dichlorobenzene	ND		1.0	ug/L						
trans-1,4-Dichloro-2-butene	ND		1.0	ug/L						
1,1-Dichloroethane	ND		1.0	ug/L						
1,2-Dichloroethane	ND		1.0	ug/L						
1,1-Dichloroethene	ND		1.0	ug/L						
cis-1,2-Dichloroethene	ND		1.0	ug/L						
trans-1,2-Dichloroethene	ND		1.0	ug/L						
1,2-Dichloropropane	ND		1.0	ug/L						
1,3-Dichloropropane	ND		1.0	ug/L						
2,2-Dichloropropane	ND		1.0	ug/L						

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

Blank (B204102-BLK1)

Prepared & Analyzed: 04/06/22

1,1-Dichloropropene	ND		1.0	ug/L						
cis-1,3-Dichloropropene	ND		1.0	ug/L						
trans-1,3-Dichloropropene	ND		1.0	ug/L						
Ethyl methacrylate	ND		5.0	ug/L						
Ethylbenzene	ND		1.0	ug/L						
2-Hexanone	ND		5.0	ug/L						
Isobutanol	ND		100	ug/L						
Iodomethane	ND		1.0	ug/L						
Methyl tert-butyl ether (MTBE)	ND		1.0	ug/L						
4-Methyl-2-pentanone	ND		5.0	ug/L						
Methylene chloride	ND		1.0	ug/L						
Methyl methacrylate	ND		5.0	ug/L						
Styrene	ND		1.0	ug/L						
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L						
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L						
Tetrachloroethene	ND		1.0	ug/L						
Toluene	ND		1.0	ug/L						
1,1,1-Trichloroethane	ND		1.0	ug/L						
1,1,2-Trichloroethane	ND		1.0	ug/L						
Trichloroethene	ND		1.0	ug/L						
Trichlorofluoromethane (Freon 11)	ND		1.0	ug/L						
1,2,3-Trichloropropane	ND		1.0	ug/L						
Vinyl acetate	ND		1.0	ug/L						
Vinyl chloride	ND		1.0	ug/L						
o-Xylene	ND		1.0	ug/L						
m- & p-Xylenes	ND		1.0	ug/L						
Surrogate: 1,2-Dichloroethane-d4	50.17			ug/L	50.00		100	70-130		
Surrogate: Toluene-d8	48.64			ug/L	50.00		97	75-120		
Surrogate: 4-Bromofluorobenzene	47.72			ug/L	50.00		95	75-120		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

LCS (B204102-BS1)

Prepared & Analyzed: 04/06/22

Acetone	9.3		5.0	ug/L	10.00		93	50-150		
Acrylonitrile	4.8	J	5.0	ug/L	5.000		95	50-150		
Benzene	5.3		1.0	ug/L	5.000		106	50-150		
Bromochloromethane	5.7		1.0	ug/L	5.000		114	50-150		
Bromodichloromethane	5.0		1.0	ug/L	5.000		100	50-150		
Bromoform	5.3		1.0	ug/L	5.000		106	50-150		
Bromomethane	6.3		1.0	ug/L	5.000		126	50-150		
2-Butanone (MEK)	8.5		5.0	ug/L	10.00		85	50-150		
Carbon disulfide	5.6		1.0	ug/L	5.000		111	50-150		
Carbon tetrachloride	5.2		1.0	ug/L	5.000		103	50-150		
Chlorobenzene	5.5		1.0	ug/L	5.000		110	50-150		
Chloroethane	5.1		1.0	ug/L	5.000		101	50-150		
Chloroform	5.2		1.0	ug/L	5.000		104	50-150		
Chloromethane	5.2		1.0	ug/L	5.000		104	50-150		
Dibromochloromethane	5.0		1.0	ug/L	5.000		100	50-150		
1,2-Dibromo-3-chloropropane	5.8		1.0	ug/L	5.000		115	50-150		
1,2-Dibromoethane (EDB)	5.0		1.0	ug/L	5.000		100	50-150		
Dibromomethane	5.5		1.0	ug/L	5.000		109	50-150		
1,2-Dichlorobenzene	5.6		1.0	ug/L	5.000		112	50-150		
1,4-Dichlorobenzene	5.9		1.0	ug/L	5.000		118	50-150		
1,1-Dichloroethane	5.0		1.0	ug/L	5.000		101	50-150		
1,2-Dichloroethane	4.7		1.0	ug/L	5.000		94	50-150		
1,1-Dichloroethene	5.5		1.0	ug/L	5.000		110	50-150		
cis-1,2-Dichloroethene	5.6		1.0	ug/L	5.000		112	50-150		
trans-1,2-Dichloroethene	5.6		1.0	ug/L	5.000		112	50-150		
1,2-Dichloropropane	4.9		1.0	ug/L	5.000		98	50-150		
1,3-Dichloropropane	4.7		1.0	ug/L	5.000		94	50-150		
2,2-Dichloropropane	5.2		1.0	ug/L	5.000		104	50-150		
1,1-Dichloropropene	5.1		1.0	ug/L	5.000		101	50-150		
cis-1,3-Dichloropropene	4.8		1.0	ug/L	5.000		97	50-150		
trans-1,3-Dichloropropene	4.6		1.0	ug/L	5.000		92	50-150		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

LCS (B204102-BS1)

Prepared & Analyzed: 04/06/22

Ethylbenzene	5.1		1.0	ug/L	5.000		103	50-150		
2-Hexanone	8.5		5.0	ug/L	10.00		85	50-150		
Methyl tert-butyl ether (MTBE)	4.7		1.0	ug/L	5.000		95	50-150		
4-Methyl-2-pentanone	8.6		5.0	ug/L	10.00		86	50-150		
Methylene chloride	5.7		1.0	ug/L	5.000		113	0-200		
Methyl methacrylate	4.6	J	5.0	ug/L	5.000		92	50-150		
Styrene	5.0		1.0	ug/L	5.000		99	50-150		
1,1,1,2-Tetrachloroethane	5.1		1.0	ug/L	5.000		101	50-150		
1,1,2,2-Tetrachloroethane	4.9		1.0	ug/L	5.000		98	50-150		
Tetrachloroethene	5.3		1.0	ug/L	5.000		106	50-150		
Toluene	5.1		1.0	ug/L	5.000		101	50-150		
1,1,1-Trichloroethane	4.9		1.0	ug/L	5.000		98	50-150		
1,1,2-Trichloroethane	4.8		1.0	ug/L	5.000		96	50-150		
Trichloroethene	5.4		1.0	ug/L	5.000		108	50-150		
Trichlorofluoromethane (Freon 11)	5.0		1.0	ug/L	5.000		100	50-150		
1,2,3-Trichloropropane	4.5		1.0	ug/L	5.000		90	50-150		
Vinyl acetate	3.6		1.0	ug/L	5.000		72	50-150		
Vinyl chloride	5.2		1.0	ug/L	5.000		104	50-150		
o-Xylene	5.2		1.0	ug/L	5.000		103	50-150		
m- & p-Xylenes	10.3		1.0	ug/L	10.00		103	50-150		
Surrogate: 1,2-Dichloroethane-d4	47.87			ug/L	50.00		96	70-130		
Surrogate: Toluene-d8	47.17			ug/L	50.00		94	75-120		
Surrogate: 4-Bromofluorobenzene	48.35			ug/L	50.00		97	75-120		

Duplicate (B204102-DUP1)

Source: 2033132-01

Prepared & Analyzed: 04/06/22

Acetone	ND		5.0	ug/L		ND				20
Acrylonitrile	ND		5.0	ug/L		ND				15
Allyl chloride (3-Chloropropylene)	ND		1.0	ug/L		ND				20
Benzene	ND		1.0	ug/L		ND				20
Bromochloromethane	ND		1.0	ug/L		ND				20
Bromodichloromethane	ND		1.0	ug/L		ND				20
Bromoform	ND		1.0	ug/L		ND				20

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

Duplicate (B204102-DUP1)	Source: 2033132-01	Prepared & Analyzed: 04/06/22			
Bromomethane	ND	1.0 ug/L	ND	20	
2-Butanone (MEK)	ND	5.0 ug/L	ND	20	
Carbon disulfide	ND	1.0 ug/L	ND	20	
Carbon tetrachloride	ND	1.0 ug/L	ND	20	
Chlorobenzene	ND	1.0 ug/L	ND	20	
Chloroethane	ND	1.0 ug/L	ND	20	
Chloroform	ND	1.0 ug/L	ND	20	
Chloromethane	ND	1.0 ug/L	ND	20	
Chloroprene	ND	1.0 ug/L	ND	20	
Dibromochloromethane	ND	1.0 ug/L	ND	20	
1,2-Dibromo-3-chloropropane	ND	1.0 ug/L	ND	20	
1,2-Dibromoethane (EDB)	ND	1.0 ug/L	ND	20	
Dibromomethane	ND	1.0 ug/L	ND	20	
1,2-Dichlorobenzene	ND	1.0 ug/L	ND	20	
1,4-Dichlorobenzene	1.4	1.0 ug/L	1.4	3	20
trans-1,4-Dichloro-2-butene	ND	1.0 ug/L	ND	20	
1,1-Dichloroethane	10.6	1.0 ug/L	10.6	0	20
1,2-Dichloroethane	ND	1.0 ug/L	ND	20	
1,1-Dichloroethene	ND	1.0 ug/L	ND	20	
cis-1,2-Dichloroethene	35.4	1.0 ug/L	34.7	2	20
trans-1,2-Dichloroethene	1.2	1.0 ug/L	1.3	6	20
1,2-Dichloropropane	3.2	1.0 ug/L	3.2	0.3	20
1,3-Dichloropropane	ND	1.0 ug/L	ND	20	
2,2-Dichloropropane	ND	1.0 ug/L	ND	20	
1,1-Dichloropropene	ND	1.0 ug/L	ND	20	
cis-1,3-Dichloropropene	ND	1.0 ug/L	ND	20	
trans-1,3-Dichloropropene	ND	1.0 ug/L	ND	20	
Ethyl methacrylate	ND	5.0 ug/L	ND	20	
Ethylbenzene	ND	1.0 ug/L	ND	20	
2-Hexanone	ND	5.0 ug/L	ND	20	
Isobutanol	ND	100 ug/L	ND	20	



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

Duplicate (B204102-DUP1)		Source: 2033132-01			Prepared & Analyzed: 04/06/22					
Iodomethane	ND		1.0	ug/L		ND				20
Methyl tert-butyl ether (MTBE)	ND		1.0	ug/L		ND				20
4-Methyl-2-pentanone	ND		5.0	ug/L		ND				20
Methylene chloride	ND		1.0	ug/L		ND				20
Methyl methacrylate	ND		5.0	ug/L		ND				20
Styrene	ND		1.0	ug/L		ND				20
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L		ND				20
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L		ND				20
Tetrachloroethene	5.9		1.0	ug/L		6.2			5	20
Toluene	1.4		1.0	ug/L		1.5			4	20
1,1,1-Trichloroethane	ND		1.0	ug/L		ND				20
1,1,2-Trichloroethane	ND		1.0	ug/L		ND				20
Trichloroethene	21.1		1.0	ug/L		21.2			0.2	20
Trichlorofluoromethane (Freon 11)	ND		1.0	ug/L		ND				20
1,2,3-Trichloropropane	ND		1.0	ug/L		ND				20
Vinyl acetate	ND		1.0	ug/L		ND				20
Vinyl chloride	3.3		1.0	ug/L		3.2			5	20
o-Xylene	1.2		1.0	ug/L		1.3			5	20
m- & p-Xylenes	2.0		1.0	ug/L		2.2			6	20
<hr/>										
Surrogate: 1,2-Dichloroethane-d4	49.97			ug/L		50.00		100		70-130
Surrogate: Toluene-d8	48.97			ug/L		50.00		98		75-120
Surrogate: 4-Bromofluorobenzene	46.87			ug/L		50.00		94		75-120

Matrix Spike (B204102-MS1)		Source: 2033132-02			Prepared & Analyzed: 04/06/22					
Acetone	10.1		5.0	ug/L	10.00	ND	101			60-120
Acrylonitrile	10.2		5.0	ug/L	10.00	ND	102			0-200
Benzene	11.9		1.0	ug/L	10.00	ND	119			60-120
Bromochloromethane	12.6		1.0	ug/L	10.00	ND	126			60-120
Bromodichloromethane	10.7		1.0	ug/L	10.00	ND	107			60-120
Bromoform	11.2		1.0	ug/L	10.00	ND	112			60-120
Bromomethane	11.3		1.0	ug/L	10.00	ND	113			60-120
2-Butanone (MEK)	8.8		5.0	ug/L	10.00	ND	88			60-120

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

Matrix Spike (B204102-MS1)	Source: 2033132-02			Prepared & Analyzed: 04/06/22						
Carbon disulfide	11.7		1.0	ug/L	10.00	ND	117	60-120		
Carbon tetrachloride	11.2		1.0	ug/L	10.00	ND	112	60-120		
Chlorobenzene	12.1		1.0	ug/L	10.00	ND	121	60-120		
Chloroethane	11.2		1.0	ug/L	10.00	ND	112	60-120		
Chloroform	11.1		1.0	ug/L	10.00	ND	111	60-120		
Chloromethane	10.4		1.0	ug/L	10.00	ND	104	60-120		
Dibromochloromethane	11.0		1.0	ug/L	10.00	ND	110	60-120		
1,2-Dibromo-3-chloropropane	10.3		1.0	ug/L	10.00	ND	103	60-120		
1,2-Dibromoethane (EDB)	11.0		1.0	ug/L	10.00	ND	110	60-120		
Dibromomethane	11.3		1.0	ug/L	10.00	ND	113	60-120		
1,2-Dichlorobenzene	11.7		1.0	ug/L	10.00	ND	117	60-120		
1,4-Dichlorobenzene	12.2		1.0	ug/L	10.00	ND	122	60-120		
1,1-Dichloroethane	12.2		1.0	ug/L	10.00	1.3	109	60-120		
1,2-Dichloroethane	9.9		1.0	ug/L	10.00	ND	99	60-120		
1,1-Dichloroethene	12.0		1.0	ug/L	10.00	ND	120	60-120		
cis-1,2-Dichloroethene	16.4		1.0	ug/L	10.00	4.7	117	60-120		
trans-1,2-Dichloroethene	11.8		1.0	ug/L	10.00	ND	118	60-120		
1,2-Dichloropropane	11.1		1.0	ug/L	10.00	ND	111	60-120		
1,3-Dichloropropane	10.7		1.0	ug/L	10.00	ND	107	60-120		
2,2-Dichloropropane	9.5		1.0	ug/L	10.00	ND	95	60-120		
1,1-Dichloropropene	11.4		1.0	ug/L	10.00	ND	114	60-120		
cis-1,3-Dichloropropene	10.6		1.0	ug/L	10.00	ND	106	60-120		
trans-1,3-Dichloropropene	9.9		1.0	ug/L	10.00	ND	99	60-120		
Ethylbenzene	11.9		1.0	ug/L	10.00	ND	119	60-120		
2-Hexanone	9.0		5.0	ug/L	10.00	ND	90	60-120		
Methyl tert-butyl ether (MTBE)	10.0		1.0	ug/L	10.00	ND	100	60-120		
4-Methyl-2-pentanone	9.0		5.0	ug/L	10.00	ND	90	60-120		
Methylene chloride	11.0		1.0	ug/L	10.00	ND	110	60-120		
Methyl methacrylate	9.2		5.0	ug/L	10.00	ND	92	60-120		
Styrene	11.3		1.0	ug/L	10.00	ND	113	60-120		
1,1,1,2-Tetrachloroethane	11.0		1.0	ug/L	10.00	ND	110	60-120		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

Matrix Spike (B204102-MS1)	Source: 2033132-02	Prepared & Analyzed: 04/06/22
1,1,2,2-Tetrachloroethane	10.6	1.0 ug/L 10.00 ND 106 60-120
Tetrachloroethene	12.8	1.0 ug/L 10.00 ND 128 60-120
Toluene	11.8	1.0 ug/L 10.00 ND 118 60-120
1,1,1-Trichloroethane	10.9	1.0 ug/L 10.00 ND 109 60-120
1,1,2-Trichloroethane	11.5	1.0 ug/L 10.00 ND 115 60-120
Trichloroethene	14.5	1.0 ug/L 10.00 2.6 119 60-120
Trichlorofluoromethane (Freon 11)	11.1	1.0 ug/L 10.00 ND 111 60-120
1,2,3-Trichloropropane	10.6	1.0 ug/L 10.00 ND 106 60-120
Vinyl acetate	9.0	1.0 ug/L 10.00 ND 90 60-120
Vinyl chloride	11.6	1.0 ug/L 10.00 ND 116 60-120
o-Xylene	11.4	1.0 ug/L 10.00 ND 114 60-120
m- & p-Xylenes	23.9	1.0 ug/L 20.00 ND 120 60-120
Surrogate: 1,2-Dichloroethane-d4	46.15	ug/L 50.00 92 70-130
Surrogate: Toluene-d8	48.77	ug/L 50.00 98 75-120
Surrogate: 4-Bromofluorobenzene	49.47	ug/L 50.00 99 75-120



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

EDB and DBCP by EPA 8011 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204193 - 504.1 EDB/DBCP										
Blank (B204193-BLK1)					Prepared & Analyzed: 04/12/22					
1,2-Dibromo-3-chloropropane	ND		0.050	ug/L						
1,2-Dibromoethane (EDB)	ND		0.020	ug/L						
Blank (B204193-BLK2)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	ND		0.050	ug/L						
1,2-Dibromoethane (EDB)	ND		0.020	ug/L						
Blank (B204193-BLK3)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	ND		0.050	ug/L						
1,2-Dibromoethane (EDB)	ND		0.020	ug/L						
LCS (B204193-BS1)					Prepared & Analyzed: 04/12/22					
1,2-Dibromo-3-chloropropane	0.093		0.050	ug/L	0.1006		92	70-130		
1,2-Dibromoethane (EDB)	0.121		0.020	ug/L	0.1006		120	70-130		
LCS (B204193-BS2)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	0.093		0.050	ug/L	0.1006		93	70-130		
1,2-Dibromoethane (EDB)	0.118		0.020	ug/L	0.1006		117	70-130		
LCS (B204193-BS3)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	0.094		0.050	ug/L	0.1006		93	70-130		
1,2-Dibromoethane (EDB)	0.125		0.020	ug/L	0.1006		124	70-130		
Matrix Spike (B204193-MS1)			Source: 2040420-05			Prepared & Analyzed: 04/12/22				
1,2-Dibromo-3-chloropropane	0.170		0.048	ug/L	0.1918	ND	89	70-130		
1,2-Dibromoethane (EDB)	0.208		0.019	ug/L	0.1918	ND	109	70-130		
Matrix Spike (B204193-MS2)			Source: 2033038-05			Prepared: 04/12/22 Analyzed: 04/13/22				
1,2-Dibromo-3-chloropropane	0.175		0.047	ug/L	0.1908	ND	92	70-130		
1,2-Dibromoethane (EDB)	0.222		0.019	ug/L	0.1908	ND	116	70-130		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

EDB and DBCP by EPA 8011 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204193 - 504.1 EDB/DBCP

Matrix Spike (B204193-MS3)		Source: 2033132-05		Prepared: 04/12/22		Analyzed: 04/13/22	
1,2-Dibromo-3-chloropropane	0.183	0.047	ug/L	0.1898	ND	97	70-130
1,2-Dibromoethane (EDB)	0.218	0.019	ug/L	0.1898	ND	115	70-130
Reference (B204193-SRM1)				Prepared & Analyzed: 04/12/22			
1,2-Dibromo-3-chloropropane	0.016	0.050	ug/L	0.02011		80	50-150
1,2-Dibromoethane (EDB)	0.026	0.020	ug/L	0.02011		128	50-150
Reference (B204193-SRM2)				Prepared: 04/12/22		Analyzed: 04/13/22	
1,2-Dibromo-3-chloropropane	0.015	0.050	ug/L	0.02011		76	50-150
1,2-Dibromoethane (EDB)	0.023	0.020	ug/L	0.02011		115	50-150
Reference (B204193-SRM3)				Prepared: 04/12/22		Analyzed: 04/13/22	
1,2-Dibromo-3-chloropropane	0.018	0.050	ug/L	0.02011		89	50-150
1,2-Dibromoethane (EDB)	0.026	0.020	ug/L	0.02011		130	50-150



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204134 - 3010A-Metals Digestion

Blank (B204134-BLK1)

Prepared: 04/07/22 Analyzed: 04/08/22

Hardness as CaCO3	ND		500	ug/L						
Antimony	ND		1.00	ug/L						
Arsenic	ND		1.00	ug/L						
Barium	ND		1.00	ug/L						
Beryllium	ND		1.00	ug/L						
Cadmium	ND		1.00	ug/L						
Calcium	ND		80.0	ug/L						
Chromium	ND		1.00	ug/L						
Cobalt	ND		1.00	ug/L						
Copper	ND		1.00	ug/L						
Iron	11.3	J	100	ug/L						
Lead	ND		1.00	ug/L						
Magnesium	ND		100	ug/L						
Manganese	ND		1.00	ug/L						
Mercury	ND		0.100	ug/L						
Nickel	ND		1.00	ug/L						
Potassium	ND		100	ug/L						
Selenium	ND		1.00	ug/L						
Silver	ND		1.00	ug/L						
Sodium	ND		100	ug/L						
Thallium	ND		1.00	ug/L						
Vanadium	ND		1.00	ug/L						
Zinc	ND		4.00	ug/L						

LCS (B204134-BS1)

Prepared: 04/07/22 Analyzed: 04/08/22

Antimony	47.2		1.00	ug/L	50.00		94	80-120		
Arsenic	50.4		1.00	ug/L	50.00		101	80-120		
Barium	48.9		1.00	ug/L	50.00		98	80-120		
Beryllium	51.2		1.00	ug/L	50.00		102	80-120		
Cadmium	49.5		1.00	ug/L	50.00		99	80-120		
Calcium	5210		80.0	ug/L	5000		104	80-120		
Chromium	50.0		1.00	ug/L	50.00		100	80-120		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204134 - 3010A-Metals Digestion

LCS (B204134-BS1)

Prepared: 04/07/22 Analyzed: 04/08/22

Cobalt	52.1		1.00	ug/L	50.00		104	80-120		
Copper	52.8		1.00	ug/L	50.00		106	80-120		
Iron	5140		100	ug/L	5000		103	80-120		
Lead	49.8		1.00	ug/L	50.00		100	80-120		
Magnesium	5170		100	ug/L	5000		103	80-120		
Manganese	50.9		1.00	ug/L	50.00		102	80-120		
Mercury	2.33		0.100	ug/L	2.500		93	80-120		
Nickel	52.8		1.00	ug/L	50.00		106	80-120		
Potassium	5210		100	ug/L	5000		104	80-120		
Selenium	52.6		1.00	ug/L	50.00		105	80-120		
Silver	50.4		1.00	ug/L	50.00		101	80-120		
Sodium	5260		100	ug/L	5000		105	80-120		
Thallium	51.3		1.00	ug/L	50.00		103	80-120		
Vanadium	48.4		1.00	ug/L	50.00		97	80-120		
Zinc	104		4.00	ug/L	100.0		104	80-120		

Duplicate (B204134-DUP1)

Source: 2033132-01

Prepared: 04/07/22 Analyzed: 04/08/22

Hardness as CaCO3	325000		500	ug/L		320000			1	200
Antimony	ND		1.00	ug/L		ND				200
Arsenic	1.49		1.00	ug/L		2.61			55	200
Barium	102		1.00	ug/L		99.9			2	200
Beryllium	ND		1.00	ug/L		ND				200
Cadmium	ND		1.00	ug/L		ND				200
Calcium	71100		80.0	ug/L		70100			1	200
Chromium	6.85		1.00	ug/L		9.92			37	200
Cobalt	50.9		1.00	ug/L		50.9			0.1	200
Copper	9.22		1.00	ug/L		10.1			9	200
Iron	30700		100	ug/L		32000			4	200
Lead	2.57		1.00	ug/L		2.67			4	200
Magnesium	35900		100	ug/L		35300			1	200
Manganese	4560	E	1.00	ug/L		4680			3	200
Mercury	ND		0.100	ug/L		ND				200

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204134 - 3010A-Metals Digestion

Duplicate (B204134-DUP1)		Source: 2033132-01		Prepared: 04/07/22		Analyzed: 04/08/22		
Nickel	29.9		1.00	ug/L	31.0		4	200
Potassium	3540		100	ug/L	3560		0.7	200
Selenium	ND		1.00	ug/L	ND			200
Silver	ND		1.00	ug/L	ND			200
Sodium	74900		100	ug/L	73300		2	200
Thallium	ND		1.00	ug/L	ND			200
Vanadium	ND		1.00	ug/L	1.41			200
Zinc	16.0		4.00	ug/L	19.3		19	200

Matrix Spike (B204134-MS1)		Source: 2033132-01		Prepared: 04/07/22		Analyzed: 04/08/22		
Antimony	48.0		1.00	ug/L	50.00	ND	96	60-140
Arsenic	51.4		1.00	ug/L	50.00	2.61	98	60-140
Barium	149		1.00	ug/L	50.00	99.9	99	60-140
Beryllium	49.5		1.00	ug/L	50.00	ND	99	60-140
Cadmium	48.9		1.00	ug/L	50.00	ND	98	60-140
Calcium	75800		80.0	ug/L	5000	70100	115	60-140
Chromium	56.3		1.00	ug/L	50.00	9.92	93	60-140
Cobalt	102		1.00	ug/L	50.00	50.9	101	60-140
Copper	59.2		1.00	ug/L	50.00	10.1	98	60-140
Iron	35700		100	ug/L	5000	32000	73	60-140
Lead	52.9		1.00	ug/L	50.00	2.67	101	60-140
Magnesium	40700		100	ug/L	5000	35300	107	60-140
Manganese	4590	QM-4X, E	1.00	ug/L	50.00	4680	NR	60-140
Mercury	2.41		0.100	ug/L	2.500	ND	96	60-140
Nickel	80.0		1.00	ug/L	50.00	31.0	98	60-140
Potassium	8800		100	ug/L	5000	3560	105	60-140
Selenium	49.4		1.00	ug/L	50.00	ND	99	60-140
Silver	49.2		1.00	ug/L	50.00	ND	98	60-140
Sodium	79300		100	ug/L	5000	73300	121	60-140
Thallium	51.8		1.00	ug/L	50.00	ND	104	60-140
Vanadium	49.9		1.00	ug/L	50.00	1.41	97	60-140
Zinc	116		4.00	ug/L	100.0	19.3	97	60-140



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

Ammonia (as N) by EPA 350.1 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204231 - Ammonia Prep										
Blank (B204231-BLK1)					Prepared & Analyzed: 04/12/22					
Ammonia as N	ND		0.02	mg/L						
LCS (B204231-BS1)					Prepared & Analyzed: 04/12/22					
Ammonia as N	0.52		0.02	mg/L	0.5000		103	80-120		
Duplicate (B204231-DUP1)					Source: 2033038-01		Prepared & Analyzed: 04/12/22			
Ammonia as N	ND		0.02	mg/L		ND				200
Matrix Spike (B204231-MS1)					Source: 2033038-01		Prepared & Analyzed: 04/12/22			
Ammonia as N	0.52		0.02	mg/L	0.5000	ND	104	80-120		
Batch B204252 - Ammonia Prep										
Blank (B204252-BLK1)					Prepared & Analyzed: 04/13/22					
Ammonia as N	ND		2.00	mg/L						
LCS (B204252-BS1)					Prepared & Analyzed: 04/13/22					
Ammonia as N	18.5		2.00	mg/L	20.00		93	80-120		
Duplicate (B204252-DUP1)					Source: 2033132-02		Prepared & Analyzed: 04/13/22			
Ammonia as N	4.95		2.00	mg/L		4.71			5	200
Matrix Spike (B204252-MS1)					Source: 2033132-02		Prepared & Analyzed: 04/13/22			
Ammonia as N	24.1		2.00	mg/L	20.00	4.71	97	80-120		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

Chemical Oxygen Demand by EPA 410.4 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204045 - COD (03) Prep										
Blank (B204045-BLK1)					Prepared & Analyzed: 04/04/22					
COD	ND		3.0	mg/L						
LCS (B204045-BS1)					Prepared & Analyzed: 04/04/22					
COD	56.1	S-98	3.0	mg/L	50.00		112	90-110		
Duplicate (B204045-DUP1)					Source: 2033038-01		Prepared & Analyzed: 04/04/22			
COD	ND		3.0	mg/L		ND				20
Matrix Spike (B204045-MS1)					Source: 2033038-01		Prepared & Analyzed: 04/04/22			
COD	56.9	S-98	3.0	mg/L	50.00	ND	114	90-110		
Batch B204114 - COD (03) Prep										
Blank (B204114-BLK1)					Prepared & Analyzed: 04/06/22					
COD	ND		3.0	mg/L						
LCS (B204114-BS1)					Prepared & Analyzed: 04/06/22					
COD	48.9		3.0	mg/L	50.00		98	90-110		
Duplicate (B204114-DUP1)					Source: 2033132-06		Prepared & Analyzed: 04/06/22			
COD	32.3		3.0	mg/L		32.4			0.3	20
Matrix Spike (B204114-MS1)					Source: 2033132-06		Prepared & Analyzed: 04/06/22			
COD	82.1		3.0	mg/L	50.00	32.4	99	90-110		

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/14/22 13:12

Conductivity by SM2510 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204192 - Conductivity

Duplicate (B204192-DUP1)		Source: 2033038-01		Prepared & Analyzed: 04/11/22						
Conductivity	194.8			uS/cm		197			1	20
Duplicate (B204192-DUP2)		Source: 2033132-01		Prepared & Analyzed: 04/11/22						
Conductivity	1053			uS/cm		1064			1	20



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

Anions by EPA 300.0 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204019 - 300.0 Anions Prep

Blank (B204019-BLK1)

Prepared & Analyzed: 04/01/22

Chloride	ND		0.500	mg/L						
Nitrate	ND		0.050	mg/L						
Nitrate (as N)	ND		0.011	mg/L						
Sulfate	ND		0.3	mg/L						

LCS (B204019-BS1)

Prepared & Analyzed: 04/01/22

Chloride	3.80		0.500	mg/L	4.000		95	90-110		
Nitrate	3.60		0.050	mg/L	4.000		90	90-110		
Nitrate (as N)	0.814		0.011	mg/L				90-110		
Sulfate	4.0		0.3	mg/L	4.000		99	90-110		

Duplicate (B204019-DUP1)

Source: 2033132-01

Prepared & Analyzed: 04/01/22

Chloride	196		0.500	mg/L		196			0.08	20
Nitrate	ND		0.050	mg/L		ND				200
Nitrate (as N)	ND		0.011	mg/L		ND				200
Sulfate	15.2		0.3	mg/L		15.1			0.6	20

Matrix Spike (B204019-MS1)

Source: 2033132-01

Prepared & Analyzed: 04/01/22

Chloride	190	QM-4X	0.500	mg/L	4.000	196	NR	80-120		
Nitrate	3.46		0.050	mg/L	4.000	ND	86	80-120		
Nitrate (as N)	0.781		0.011	mg/L		ND		80-120		
Sulfate	18.5		0.3	mg/L	4.000	15.1	84	80-120		

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

Total Suspended Solids by USGS I-3765-85 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204041 - TSS PREP										
Blank (B204041-BLK1)										
					Prepared: 04/04/22 Analyzed: 04/05/22					
Solids, Suspended	ND		2.5	mg/L						
LCS (B204041-BS1)										
					Prepared: 04/04/22 Analyzed: 04/05/22					
Solids, Suspended	51.9		2.5	mg/L	53.80		96	70-130		
Duplicate (B204041-DUP1)										
			Source: 2040408-01			Prepared: 04/04/22 Analyzed: 04/05/22				
Solids, Suspended	ND		6.3	mg/L		ND				20



Rabecka Koons, Quality Assurance Officer

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Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

Total Dissolved Solids by SM 2540C - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204119 - TDS Prep										
Blank (B204119-BLK1)					Prepared: 04/06/22 Analyzed: 04/07/22					
Solids, Dissolved	ND		10.0	mg/L						
LCS (B204119-BS1)					Prepared: 04/06/22 Analyzed: 04/07/22					
Solids, Dissolved	718		10.0	mg/L	720.5		100	90-110		
Duplicate (B204119-DUP1)			Source: 2033132-01		Prepared: 04/06/22 Analyzed: 04/07/22					
Solids, Dissolved	573		10.0	mg/L		605			5	20



Rabecka Koons, Quality Assurance Officer

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

SM 2320B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 813660 - SM 2320B										
BLANK (4466110)										
					Prepared & Analyzed: 04/05/22					
Alkalinity, Total as CaCO3	<5.0		5.0	mg/L				-		
LCS (4466111)										
					Prepared & Analyzed: 04/05/22					
Alkalinity, Total as CaCO3	94%		5.0	mg/L	250		94	90-110		
DUP (4466113)										
			Source: 2033132-02			Prepared & Analyzed: 04/05/22				
Alkalinity, Total as CaCO3	335		5.0	mg/L		336		-	0	20



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 13:12

Notes and Definitions

- S-98 Spike recovery outside of established control limits.
- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- O-07 This sample was received outside of the EPA recommended holding time.
- J Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag).
- E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
- RE Sample reanalyses are done at the laboratory's discretion as a mechanism to improve data quality. Any client requested reanalysis will be identified with a sample qualifier.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- %-Solids Percent Solids is a supportive test and as such does not require accreditation



Rabecka Koons, Quality Assurance Officer

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Company Name: EA Engineering		Project Manager: Laura Oakes		Analysis Requested										CHAIN-OF-CUSTODY RECORD																
Project Name: GUDE Landfill		Project ID: 155604		<table border="1"> <tr> <td rowspan="2">No. of Containers</td> <td rowspan="2">8260LL VOC and 8011*</td> <td rowspan="2">6020 MDE Landfill List</td> <td rowspan="2">Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity</td> <td rowspan="2">Turbidity, pH</td> <td rowspan="2">Suspended Solids</td> <td rowspan="2">COD</td> <td rowspan="2">Ammonia-Nitrogen</td> <td colspan="3">Matrix Codes: NW (non-potable water) PW (potable water)</td> </tr> <tr> <td>Preservative: 1+1 HCl, H₂SO₄, Methanol, Na₂S₂O₃, NaHCO₃</td> <td>Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank</td> <td>MSS Lab ID</td> </tr> </table>										No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Matrix Codes: NW (non-potable water) PW (potable water)			Preservative: 1+1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID	Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 reporting@mdspectral.com		
No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity																			Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Matrix Codes: NW (non-potable water) PW (potable water)				
				Preservative: 1+1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID																								
Sampler(s): D. Kozlowski, R. Williams, J. Stith		P.O. Number: 19541																												
Field Sample ID		Date	Time	Water	Soil	Other	No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Preservative: 1+1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID													
MW-21B		3/31/11	0758				10	X	X	X	X	X	X	X	HCl, H ₂ SO ₄ , H ₂ O		2 033132													
mw-21A			0638																											
mw-6			0948																											
OS01			1024																											
mw-21A			1118																											
mw-24B			1154																											
OB 40			1200																											
st-80			1245																											
Trip blank			-				2									Trip blank														
* Please analyze 2 VOCs (1,2-Dibromo-3-chloropropane and 1, 2 Dibromoethane) by method 8011 in addition to method 8260.																														
Relinquished by: (Signature) <i>Reid Williams</i>		Date/Time 1350		Received by: (Signature)				Relinquished by: (Signature)				Date/Time		Received by: (Signature)																
(Printed) Reid Williams		3/31/11		(Printed)				(Printed)						(Printed)																
Relinquished by: (Signature)		Date/Time		Received by Lab: (Signature)				Turn Around Time:				Lab Use:																		
(Printed)		3-31-11		<i>Lori Foster</i>				<input checked="" type="checkbox"/> Normal (7 day) <input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ <input type="checkbox"/> Specific Due Date: _____				Temp: _____ °C 2.0 <input checked="" type="checkbox"/> Received on Ice <input checked="" type="checkbox"/> Received same day <input type="checkbox"/> Preservation Appropriate Sample Disposal: <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for _____ days																		
Delivery Method: <input type="checkbox"/> Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> USPS <input type="checkbox"/> Other: _____		Special Instructions/QC Requirements & Comments:																												

SUBCONTRACT ORDER
Maryland Spectral Services
2033132

WO#: 35707504



35707504

SENDING LABORATORY:

Maryland Spectral Services
1500 Caton Center Dr. Suite G
Halethorpe, MD 21227
Phone: 410.247.7600
Project Manager: Cory Koons
Reports Email: Reporting@mdspectral.com

RECEIVING LABORATORY:

Pace Labs-FL
8 East Tower Circle
Ormond Beach, FL 32174
Phone: (386) 672-5668
Fax:

Due 4:00 PM 04/11/22

Laboratory ID

Comments

Sample ID: 2033132-01 MW-21 B Water Sampled: 03/31/22 07:58

Alkalinity

Containers Supplied:

Plastic, 0.5L None (F)

Sample ID: 2033132-02 MW-21 A Water Sampled: 03/31/22 08:38

Alkalinity

Containers Supplied:

Plastic, 0.5L None (F)

Sample ID: 2033132-03 MW-6 Water Sampled: 03/31/22 09:48

Alkalinity

Containers Supplied:

Plastic, 0.5L None (F)

Sample ID: 2033132-04 OB01 Water Sampled: 03/31/22 10:24

Alkalinity

Containers Supplied:

Plastic, 0.5L None (F)

Released By: *[Signature]* Date: 4-1-22
Received By: *[Signature]* Date: 04/01/22
Released By: *[Signature]* Date: 4/1/22
Received By: *[Signature]* Date: 4/1/22

SUBCONTRACT ORDER
 Maryland Spectral Services
 2033132

Due 4:00 PM 04/11/22	Laboratory ID	Comments
Sample ID: 2033132-05 MW-24 A Water Sampled: 03/31/22 11:18 Alkalinity Containers Supplied: Plastic, 0.5L None (F)		
Sample ID: 2033132-06 MW-24 B Water Sampled: 03/31/22 11:54 Alkalinity Containers Supplied: Plastic, 0.5L None (F)		
Sample ID: 2033132-07 OB40 Water Sampled: 03/31/22 12:00 Alkalinity Containers Supplied: Plastic, 0.5L None (F)		
Sample ID: 2033132-08 ST-80 Water Sampled: 03/31/22 12:25 Alkalinity Containers Supplied: Plastic, 0.5L None (F)		

13:17

Released By: [Signature] Date: 04/01/22 1515
 Received By: [Signature] Date: 04/01/22 1330
 Released By: [Signature] Date: 4/2/22 1140
 Received By: [Signature] Date: 4/2/22 1140

18 April 2022

Laura Oakes
EA Engineering
225 Schilling Circle, STE 400
Hunt Valley, MD 21031
RE: GUDE LANDFILL

Enclosed are the results of analyses for samples received by the laboratory on 04/04/22 17:23.

Please visit our website at www.mdspectral.com for a complete listing of our accreditations.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Will Brewington
President

1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/18/22 14:25

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-13A		2040420-01	Nonpotable Water	04/04/22 09:37	04/04/22 17:23
MW-13B		2040420-02	Nonpotable Water	04/04/22 10:13	04/04/22 17:23
ST 120		2040420-03	Nonpotable Water	04/04/22 10:50	04/04/22 17:23
OB04 A		2040420-04	Nonpotable Water	04/04/22 11:47	04/04/22 17:23
OB30		2040420-05	Nonpotable Water	04/04/22 12:00	04/04/22 17:23
OB04		2040420-06	Nonpotable Water	04/04/22 12:35	04/04/22 17:23
OB 105		2040420-07	Nonpotable Water	04/04/22 13:19	04/04/22 17:23
MW-16B		2040420-08	Nonpotable Water	04/04/22 14:08	04/04/22 17:23
MW-16A		2040420-09	Nonpotable Water	04/04/22 14:54	04/04/22 17:23
MW-7		2040420-10	Nonpotable Water	04/04/22 15:51	04/04/22 17:23
TRIP BLANK		2040420-11	Nonpotable Water	04/04/22 00:00	04/04/22 17:23



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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-13A

2040420-01 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	5.24	O-07	pH Units			1	04/05/22	04/05/22 14:28	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	35.3	O-04	NTU	0.500	0.110	1	04/06/22	04/06/22 15:10	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 17:09	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 17:09	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Benzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 17:09	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Chloroform	3.5		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
1,4-Dichlorobenzene	2.6		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
1,1-Dichloroethane	7.8		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
1,2-Dichloroethane	1.0		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
cis-1,2-Dichloroethene	42.9		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
trans-1,2-Dichloroethene	1.5		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
1,2-Dichloropropane	2.9		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-13A

2040420-01 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 17:09	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 17:09	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 17:09	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 17:09	LL
Methylene chloride	1.8		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 17:09	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Tetrachloroethene	6.3		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Toluene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Trichloroethene	8.6		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Vinyl chloride	2.4		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:09	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	103 %			04/06/22	04/06/22 17:09	
Surrogate: Toluene-d8			75-120	98 %			04/06/22	04/06/22 17:09	
Surrogate: 4-Bromofluorobenzene			75-120	93 %			04/06/22	04/06/22 17:09	

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-13A

2040420-01 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/12/22	04/13/22 08:27	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 08:27	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	160000		ug/L	500	500	1	04/07/22	04/08/22 18:28	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:28	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:28	VVD
Barium	192		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:28	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:28	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:28	VVD
Calcium	28300		ug/L	80.0	80.0	1	04/07/22	04/08/22 18:28	VVD
Chromium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:28	VVD
Cobalt	15.4		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:28	VVD
Copper	3.05		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:28	VVD
Iron	701		ug/L	100	5.00	1	04/07/22	04/08/22 18:28	VVD
Lead	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:28	VVD
Magnesium	21700		ug/L	100	100	1	04/07/22	04/08/22 18:28	VVD
Manganese	558		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:28	VVD
Mercury	0.183		ug/L	0.100	0.100	1	04/07/22	04/08/22 18:28	VVD
Nickel	10.9		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:28	VVD
Potassium	2260		ug/L	100	100	1	04/07/22	04/08/22 18:28	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:28	VVD
Silver	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:28	VVD
Sodium	14500		ug/L	100	100	1	04/07/22	04/08/22 18:28	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:28	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:28	VVD
Zinc	17.3		ug/L	4.00	4.00	1	04/07/22	04/08/22 18:28	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-13A

2040420-01 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.08		mg/L	0.02	0.02	1	04/15/22	04/15/22 14:31	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	7.3		mg/L	3.0	3.0	1	04/06/22	04/06/22 17:14	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	451.6		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	102		mg/L	0.500	0.500	1	04/05/22	04/05/22 18:37	CRP
Nitrate	21.0		mg/L	0.050	0.050	1	04/05/22	04/05/22 18:37	CRP
Nitrate (as N)	4.73		mg/L	0.011	0.011	1	04/05/22	04/05/22 18:37	CRP
Sulfate	1.2		mg/L	0.3	0.3	1	04/05/22	04/05/22 18:37	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	123		mg/L	7.4	7.4	1	04/08/22	04/11/22 11:29	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	259		mg/L	10.0	10.0	1	04/06/22	04/07/22 17:51	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	26.2		mg/L	5.0	5.0	1	04/09/22	04/09/22 16:11	MCD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-13B

2040420-02 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.18	O-07	pH Units			1	04/05/22	04/05/22 14:28	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	0.751	O-04	NTU	0.500	0.110	1	04/06/22	04/06/22 15:12	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 17:34	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 17:34	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Benzene	1.3		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 17:34	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Chlorobenzene	1.1		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
1,4-Dichlorobenzene	5.7		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
1,1-Dichloroethane	7.2		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
1,2-Dichloroethane	1.1		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
cis-1,2-Dichloroethene	45.5		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
trans-1,2-Dichloroethene	1.7		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
1,2-Dichloropropane	3.8		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-13B

2040420-02 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 17:34	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 17:34	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 17:34	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 17:34	LL
Methylene chloride	2.4		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 17:34	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Tetrachloroethene	9.0		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Toluene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Trichloroethene	9.2		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Vinyl chloride	3.9		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 17:34	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	105 %	04/06/22		04/06/22 17:34		
Surrogate: Toluene-d8			75-120	99 %	04/06/22		04/06/22 17:34		
Surrogate: 4-Bromofluorobenzene			75-120	98 %	04/06/22		04/06/22 17:34		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-13B

2040420-02 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 08:42	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 08:42	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	354000		ug/L	500	500	1	04/07/22	04/08/22 18:30	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:30	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:30	VVD
Barium	71.5		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:30	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:30	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:30	VVD
Calcium	90200		ug/L	80.0	80.0	1	04/07/22	04/08/22 18:30	VVD
Chromium	1.21		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:30	VVD
Cobalt	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:30	VVD
Copper	2.09		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:30	VVD
Iron	78.7	J	ug/L	100	5.00	1	04/07/22	04/08/22 18:30	VVD
Lead	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:30	VVD
Magnesium	31300		ug/L	100	100	1	04/07/22	04/08/22 18:30	VVD
Manganese	44.0		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:30	VVD
Mercury	0.217		ug/L	0.100	0.100	1	04/07/22	04/08/22 18:30	VVD
Nickel	3.60		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:30	VVD
Potassium	3590		ug/L	100	100	1	04/07/22	04/08/22 18:30	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:30	VVD
Silver	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:30	VVD
Sodium	20100		ug/L	100	100	1	04/07/22	04/08/22 18:30	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:30	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:30	VVD
Zinc	8.12		ug/L	4.00	4.00	1	04/07/22	04/08/22 18:30	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-13B

2040420-02 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.02		mg/L	0.02	0.02	1	04/15/22	04/15/22 14:32	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	7.0		mg/L	3.0	3.0	1	04/06/22	04/06/22 17:15	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	826.1		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	107		mg/L	0.500	0.500	1	04/05/22	04/05/22 18:55	CRP
Nitrate	22.3		mg/L	0.050	0.050	1	04/05/22	04/05/22 18:55	CRP
Nitrate (as N)	5.04		mg/L	0.011	0.011	1	04/05/22	04/05/22 18:55	CRP
Sulfate	21.0		mg/L	0.3	0.3	1	04/05/22	04/05/22 18:55	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	3.6		mg/L	2.2	2.2	1	04/08/22	04/11/22 11:29	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	475		mg/L	10.0	10.0	1	04/06/22	04/07/22 17:51	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	208		mg/L	5.0	5.0	1	04/09/22	04/09/22 16:22	MCD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

ST 120

**2040420-03 (Nonpotable Water)
Sample Date: 04/04/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	7.41	O-07	pH Units			1	04/05/22	04/05/22 14:28	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	2.01	O-04	NTU	0.500	0.110	1	04/06/22	04/06/22 15:20	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:00	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:00	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Benzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:00	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

ST 120

2040420-03 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:00	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:00	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 18:00	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:00	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:00	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
1,1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Toluene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:00	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	108 %	04/06/22		04/06/22 18:00		
Surrogate: Toluene-d8			75-120	98 %	04/06/22		04/06/22 18:00		
Surrogate: 4-Bromofluorobenzene			75-120	99 %	04/06/22		04/06/22 18:00		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

ST 120

**2040420-03 (Nonpotable Water)
Sample Date: 04/04/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/12/22	04/13/22 08:57	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 08:57	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	177000		ug/L	500	500	1	04/07/22	04/08/22 18:33	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:33	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:33	VVD
Barium	53.9		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:33	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:33	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:33	VVD
Calcium	37600		ug/L	80.0	80.0	1	04/07/22	04/08/22 18:33	VVD
Chromium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:33	VVD
Cobalt	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:33	VVD
Copper	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:33	VVD
Iron	454		ug/L	100	5.00	1	04/07/22	04/08/22 18:33	VVD
Lead	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:33	VVD
Magnesium	20100		ug/L	100	100	1	04/07/22	04/08/22 18:33	VVD
Manganese	157		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:33	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/07/22	04/08/22 18:33	VVD
Nickel	8.46		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:33	VVD
Potassium	2370		ug/L	100	100	1	04/07/22	04/08/22 18:33	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:33	VVD
Silver	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:33	VVD
Sodium	79200		ug/L	100	100	1	04/07/22	04/08/22 18:33	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:33	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:33	VVD
Zinc	ND		ug/L	4.00	4.00	1	04/07/22	04/08/22 18:33	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

ST 120

2040420-03 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.02		mg/L	0.02	0.02	1	04/15/22	04/15/22 14:32	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	5.2		mg/L	3.0	3.0	1	04/06/22	04/06/22 17:15	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	801.4		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	189		mg/L	0.500	0.500	1	04/05/22	04/05/22 19:14	CRP
Nitrate	5.40		mg/L	0.050	0.050	1	04/05/22	04/05/22 19:14	CRP
Nitrate (as N)	1.22		mg/L	0.011	0.011	1	04/05/22	04/05/22 19:14	CRP
Sulfate	13.2		mg/L	0.3	0.3	1	04/05/22	04/05/22 19:14	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	ND		mg/L	2.3	2.3	1	04/08/22	04/11/22 11:29	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	362		mg/L	10.0	10.0	1	04/06/22	04/07/22 17:51	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	70.0		mg/L	5.0	5.0	1	04/09/22	04/09/22 16:28	MCD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

OB04 A

2040420-04 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	5.77	O-07	pH Units			1	04/05/22	04/05/22 14:28	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	1.45	O-04	NTU	0.500	0.110	1	04/06/22	04/06/22 15:23	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:25	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:25	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Benzene	1.9		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:25	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Chlorobenzene	1.9		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
1,4-Dichlorobenzene	8.0		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
cis-1,2-Dichloroethene	16.6		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

OB04 A

2040420-04 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:25	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:25	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 18:25	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:25	LL
Methylene chloride	2.1		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:25	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Tetrachloroethene	1.5		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Toluene	3.7		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Trichloroethene	1.4		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Vinyl chloride	1.7		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:25	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	106 %	04/06/22		04/06/22 18:25		
Surrogate: Toluene-d8			75-120	99 %	04/06/22		04/06/22 18:25		
Surrogate: 4-Bromofluorobenzene			75-120	95 %	04/06/22		04/06/22 18:25		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

OB04 A

2040420-04 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 09:13	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 09:13	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	837000		ug/L	5000	5000	10	04/07/22	04/08/22 20:28	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:35	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:35	VVD
Barium	72.4		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:35	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:35	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:35	VVD
Calcium	151000		ug/L	800	800	10	04/07/22	04/08/22 20:28	VVD
Chromium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:35	VVD
Cobalt	1.35		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:35	VVD
Copper	30.9		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:35	VVD
Iron	33.1	J	ug/L	100	5.00	1	04/07/22	04/08/22 18:35	VVD
Lead	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:35	VVD
Magnesium	112000		ug/L	1000	1000	10	04/07/22	04/08/22 20:28	VVD
Manganese	2980		ug/L	10.0	10.0	10	04/07/22	04/08/22 20:28	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/07/22	04/08/22 18:35	VVD
Nickel	26.8		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:35	VVD
Potassium	5830		ug/L	100	100	1	04/07/22	04/08/22 18:35	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:35	VVD
Silver	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:35	VVD
Sodium	98300		ug/L	100	100	1	04/07/22	04/08/22 18:35	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:35	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:35	VVD
Zinc	27.1		ug/L	4.00	4.00	1	04/07/22	04/08/22 18:35	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

OB04 A

2040420-04 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.48		mg/L	0.02	0.02	1	04/15/22	04/15/22 14:32	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	39.0		mg/L	3.0	3.0	1	04/06/22	04/06/22 17:16	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	2222		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	601		mg/L	1.00	1.00	2	04/05/22	04/06/22 15:46	CRP
Nitrate	ND		mg/L	0.050	0.050	1	04/05/22	04/05/22 19:32	CRP
Nitrate (as N)	ND		mg/L	0.011	0.011	1	04/05/22	04/05/22 19:32	CRP
Sulfate	9.9		mg/L	0.3	0.3	1	04/05/22	04/05/22 19:32	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	27.7		mg/L	2.2	2.2	1	04/08/22	04/11/22 11:29	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	1190		mg/L	10.0	10.0	1	04/06/22	04/07/22 17:51	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	158		mg/L	5.0	5.0	1	04/09/22	04/09/22 16:33	MCD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

OB30

2040420-05 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.17	O-07	pH Units			1	04/05/22	04/05/22 14:28	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	0.540	O-04	NTU	0.500	0.110	1	04/06/22	04/06/22 15:26	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:51	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:51	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Benzene	1.3		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:51	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Chlorobenzene	1.2		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
1,4-Dichlorobenzene	5.7		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
1,1-Dichloroethane	6.9		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
1,2-Dichloroethane	1.1		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
cis-1,2-Dichloroethene	45.2		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
trans-1,2-Dichloroethene	1.7		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
1,2-Dichloropropane	4.0		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

OB30

2040420-05 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:51	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:51	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 18:51	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:51	LL
Methylene chloride	2.4		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 18:51	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Tetrachloroethene	8.5		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Toluene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Trichloroethene	9.1		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Vinyl chloride	3.9		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 18:51	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	105 %			04/06/22	04/06/22 18:51	
Surrogate: Toluene-d8			75-120	98 %			04/06/22	04/06/22 18:51	
Surrogate: 4-Bromofluorobenzene			75-120	94 %			04/06/22	04/06/22 18:51	

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

OB30

2040420-05 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 09:28	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 09:28	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	358000		ug/L	500	500	1	04/07/22	04/08/22 18:38	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:38	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:38	VVD
Barium	73.2		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:38	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:38	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:38	VVD
Calcium	90600		ug/L	80.0	80.0	1	04/07/22	04/08/22 18:38	VVD
Chromium	1.20		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:38	VVD
Cobalt	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:38	VVD
Copper	2.06		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:38	VVD
Iron	78.0	J	ug/L	100	5.00	1	04/07/22	04/08/22 18:38	VVD
Lead	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:38	VVD
Magnesium	32100		ug/L	100	100	1	04/07/22	04/08/22 18:38	VVD
Manganese	44.4		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:38	VVD
Mercury	0.234		ug/L	0.100	0.100	1	04/07/22	04/08/22 18:38	VVD
Nickel	3.41		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:38	VVD
Potassium	3610		ug/L	100	100	1	04/07/22	04/08/22 18:38	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:38	VVD
Silver	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:38	VVD
Sodium	20600		ug/L	100	100	1	04/07/22	04/08/22 18:38	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:38	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:38	VVD
Zinc	8.24		ug/L	4.00	4.00	1	04/07/22	04/08/22 18:38	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

OB30

2040420-05 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.02		mg/L	0.02	0.02	1	04/15/22	04/15/22 14:33	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	3.1		mg/L	3.0	3.0	1	04/12/22	04/12/22 18:07	AD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	825.6		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	107		mg/L	0.500	0.500	1	04/05/22	04/05/22 19:52	CRP
Nitrate	22.3		mg/L	0.050	0.050	1	04/05/22	04/05/22 19:52	CRP
Nitrate (as N)	5.04		mg/L	0.011	0.011	1	04/05/22	04/05/22 19:52	CRP
Sulfate	21.2		mg/L	0.3	0.3	1	04/05/22	04/05/22 19:52	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	5.7		mg/L	2.2	2.2	1	04/08/22	04/11/22 11:29	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	479		mg/L	10.0	10.0	1	04/06/22	04/07/22 17:51	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	205		mg/L	5.0	5.0	1	04/09/22	04/09/22 16:39	MCD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

OB04

**2040420-06 (Nonpotable Water)
Sample Date: 04/04/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.08	O-07	pH Units			1	04/05/22	04/05/22 14:28	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	2.67	O-04	NTU	0.500	0.110	1	04/06/22	04/06/22 15:28	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 19:15	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 19:15	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Benzene	2.1		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 19:15	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Chlorobenzene	1.9		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
1,4-Dichlorobenzene	10.6		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
cis-1,2-Dichloroethene	22.5		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

OB04

2040420-06 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 19:15	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 19:15	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 19:15	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 19:15	LL
Methylene chloride	3.5		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 19:15	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Tetrachloroethene	1.4		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Toluene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Trichloroethene	1.5		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Vinyl chloride	2.7		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:15	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	107 %	04/06/22		04/06/22 19:15		
Surrogate: Toluene-d8			75-120	96 %	04/06/22		04/06/22 19:15		
Surrogate: 4-Bromofluorobenzene			75-120	98 %	04/06/22		04/06/22 19:15		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

OB04

**2040420-06 (Nonpotable Water)
Sample Date: 04/04/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 09:43	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 09:43	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	894000		ug/L	5000	5000	10	04/07/22	04/08/22 20:30	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:40	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:40	VVD
Barium	305		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:40	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:40	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:40	VVD
Calcium	183000		ug/L	800	800	10	04/07/22	04/08/22 20:30	VVD
Chromium	1.76		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:40	VVD
Cobalt	1.48		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:40	VVD
Copper	52.2		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:40	VVD
Iron	92.5	J	ug/L	100	5.00	1	04/07/22	04/08/22 18:40	VVD
Lead	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:40	VVD
Magnesium	106000		ug/L	1000	1000	10	04/07/22	04/08/22 20:30	VVD
Manganese	3960		ug/L	10.0	10.0	10	04/07/22	04/08/22 20:30	VVD
Mercury	0.303		ug/L	0.100	0.100	1	04/07/22	04/08/22 18:40	VVD
Nickel	16.9		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:40	VVD
Potassium	7240		ug/L	100	100	1	04/07/22	04/08/22 18:40	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:40	VVD
Silver	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:40	VVD
Sodium	75200		ug/L	100	100	1	04/07/22	04/08/22 18:40	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:40	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:40	VVD
Zinc	11.9		ug/L	4.00	4.00	1	04/07/22	04/08/22 18:40	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

OB04

2040420-06 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.80		mg/L	0.02	0.02	1	04/15/22	04/15/22 14:33	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	32.2		mg/L	3.0	3.0	1	04/12/22	04/12/22 18:08	AD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	2213		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	538		mg/L	1.00	1.00	2	04/05/22	04/06/22 16:04	CRP
Nitrate	ND		mg/L	0.050	0.050	1	04/05/22	04/05/22 20:10	CRP
Nitrate (as N)	ND		mg/L	0.011	0.011	1	04/05/22	04/05/22 20:10	CRP
Sulfate	15.8		mg/L	0.3	0.3	1	04/05/22	04/05/22 20:10	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	5.7		mg/L	2.2	2.2	1	04/08/22	04/11/22 11:29	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	1280		mg/L	10.0	10.0	1	04/06/22	04/07/22 17:51	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	269		mg/L	5.0	5.0	1	04/09/22	04/09/22 16:45	MCD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

OB 105

2040420-07 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	7.00	O-07	pH Units			1	04/05/22	04/05/22 14:28	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	227	O-04	NTU	5.00	1.10	10	04/06/22	04/06/22 17:10	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 19:40	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 19:40	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Benzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 19:40	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

OB 105

2040420-07 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 19:40	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 19:40	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 19:40	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 19:40	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 19:40	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
1,1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Toluene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 19:40	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	105 %	04/06/22		04/06/22 19:40		
Surrogate: Toluene-d8			75-120	98 %	04/06/22		04/06/22 19:40		
Surrogate: 4-Bromofluorobenzene			75-120	95 %	04/06/22		04/06/22 19:40		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

OB 105

2040420-07 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 09:58	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 09:58	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	925000		ug/L	5000	5000	10	04/07/22	04/08/22 20:33	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:42	VVD
Arsenic	3.30		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:42	VVD
Barium	634		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:42	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:42	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:42	VVD
Calcium	126000		ug/L	800	800	10	04/07/22	04/08/22 20:33	VVD
Chromium	2.61		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:42	VVD
Cobalt	6.94		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:42	VVD
Copper	3.97		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:42	VVD
Iron	23300		ug/L	100	5.00	1	04/07/22	04/08/22 18:42	VVD
Lead	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:42	VVD
Magnesium	149000		ug/L	1000	1000	10	04/07/22	04/08/22 20:33	VVD
Manganese	1670		ug/L	10.0	10.0	10	04/07/22	04/08/22 20:33	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/07/22	04/08/22 18:42	VVD
Nickel	11.8		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:42	VVD
Potassium	111000		ug/L	1000	1000	10	04/07/22	04/08/22 20:33	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:42	VVD
Silver	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:42	VVD
Sodium	334000		ug/L	1000	1000	10	04/07/22	04/08/22 20:33	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:42	VVD
Vanadium	1.95		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:42	VVD
Zinc	64.3		ug/L	4.00	4.00	1	04/07/22	04/08/22 18:42	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

OB 105

2040420-07 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.60		mg/L	0.02	0.02	1	04/15/22	04/15/22 14:33	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	162		mg/L	6.0	6.0	2	04/14/22	04/14/22 16:56	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	3416		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	270		mg/L	0.500	0.500	1	04/05/22	04/05/22 21:06	CRP
Nitrate	ND		mg/L	0.050	0.050	1	04/05/22	04/05/22 21:06	CRP
Nitrate (as N)	ND		mg/L	0.011	0.011	1	04/05/22	04/05/22 21:06	CRP
Sulfate	42.4		mg/L	0.5	0.5	2	04/05/22	04/06/22 16:23	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	91.4		mg/L	3.9	3.9	1	04/08/22	04/11/22 11:29	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	1870		mg/L	10.0	10.0	1	04/06/22	04/07/22 17:51	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	1450		mg/L	5.0	5.0	1	04/09/22	04/09/22 16:58	MCD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-16B

2040420-08 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.20	O-07	pH Units			1	04/05/22	04/05/22 14:28	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	4.77	O-04	NTU	0.500	0.110	1	04/06/22	04/06/22 15:34	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:06	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:06	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Benzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:06	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Chlorobenzene	10.1		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
1,4-Dichlorobenzene	5.1		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
cis-1,2-Dichloroethene	3.9		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-16B

2040420-08 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:06	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:06	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 20:06	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:06	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:06	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Toluene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:06	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	107 %	04/06/22		04/06/22 20:06		
Surrogate: Toluene-d8			75-120	99 %	04/06/22		04/06/22 20:06		
Surrogate: 4-Bromofluorobenzene			75-120	100 %	04/06/22		04/06/22 20:06		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-16B

2040420-08 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 10:14	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 10:14	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	429000		ug/L	500	500	1	04/07/22	04/08/22 18:50	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:50	VVD
Arsenic	1.79		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:50	VVD
Barium	33.9		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:50	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:50	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:50	VVD
Calcium	69400		ug/L	80.0	80.0	1	04/07/22	04/08/22 18:50	VVD
Chromium	4.90		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:50	VVD
Cobalt	9.35		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:50	VVD
Copper	2.95		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:50	VVD
Iron	2270		ug/L	100	5.00	1	04/07/22	04/08/22 18:50	VVD
Lead	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:50	VVD
Magnesium	62200		ug/L	100	100	1	04/07/22	04/08/22 18:50	VVD
Manganese	12500		ug/L	20.0	20.0	20	04/07/22	04/08/22 20:35	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/07/22	04/08/22 18:50	VVD
Nickel	14.8		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:50	VVD
Potassium	4110		ug/L	100	100	1	04/07/22	04/08/22 18:50	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:50	VVD
Silver	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:50	VVD
Sodium	56700		ug/L	100	100	1	04/07/22	04/08/22 18:50	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:50	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:50	VVD
Zinc	9.75		ug/L	4.00	4.00	1	04/07/22	04/08/22 18:50	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-16B

2040420-08 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.27		mg/L	0.02	0.02	1	04/15/22	04/15/22 14:34	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	29.3		mg/L	3.0	3.0	1	04/12/22	04/12/22 18:11	AD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	1216		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	261		mg/L	0.500	0.500	1	04/05/22	04/05/22 21:24	CRP
Nitrate	3.30		mg/L	0.050	0.050	1	04/05/22	04/05/22 21:24	CRP
Nitrate (as N)	0.745		mg/L	0.011	0.011	1	04/05/22	04/05/22 21:24	CRP
Sulfate	9.1		mg/L	0.3	0.3	1	04/05/22	04/05/22 21:24	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	47.4		mg/L	2.2	2.2	1	04/08/22	04/11/22 11:29	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	631		mg/L	10.0	10.0	1	04/06/22	04/07/22 17:51	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	188		mg/L	5.0	5.0	1	04/09/22	04/09/22 17:04	MCD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-16A

2040420-09 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.41	O-07	pH Units			1	04/05/22	04/05/22 14:28	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	55.0	O-04	NTU	2.50	0.550	5	04/06/22	04/06/22 17:11	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:31	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:31	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Benzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:31	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Chlorobenzene	5.7		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
1,4-Dichlorobenzene	2.1		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-16A

2040420-09 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:31	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:31	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 20:31	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:31	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:31	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Toluene	6.9		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:31	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	107 %	04/06/22		04/06/22 20:31		
Surrogate: Toluene-d8			75-120	91 %	04/06/22		04/06/22 20:31		
Surrogate: 4-Bromofluorobenzene			75-120	90 %	04/06/22		04/06/22 20:31		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-16A

**2040420-09 (Nonpotable Water)
Sample Date: 04/04/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/12/22	04/13/22 10:29	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 10:29	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	217000		ug/L	500	500	1	04/07/22	04/08/22 18:52	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:52	VVD
Arsenic	2.68		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:52	VVD
Barium	346		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:52	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:52	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:52	VVD
Calcium	28300		ug/L	80.0	80.0	1	04/07/22	04/08/22 18:52	VVD
Chromium	10.4		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:52	VVD
Cobalt	9.72		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:52	VVD
Copper	4.55		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:52	VVD
Iron	9920		ug/L	100	5.00	1	04/07/22	04/08/22 18:52	VVD
Lead	1.49		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:52	VVD
Magnesium	35600		ug/L	100	100	1	04/07/22	04/08/22 18:52	VVD
Manganese	9650		ug/L	20.0	20.0	20	04/07/22	04/08/22 20:38	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/07/22	04/08/22 18:52	VVD
Nickel	14.5		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:52	VVD
Potassium	4060		ug/L	100	100	1	04/07/22	04/08/22 18:52	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:52	VVD
Silver	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:52	VVD
Sodium	87500		ug/L	100	100	1	04/07/22	04/08/22 18:52	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:52	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:52	VVD
Zinc	11.9		ug/L	4.00	4.00	1	04/07/22	04/08/22 18:52	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-16A

2040420-09 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.19		mg/L	0.02	0.02	1	04/15/22	04/15/22 14:35	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	27.3		mg/L	3.0	3.0	1	04/12/22	04/12/22 18:11	AD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	852.7		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	97.4		mg/L	0.500	0.500	1	04/05/22	04/05/22 21:43	CRP
Nitrate	9.79		mg/L	0.050	0.050	1	04/05/22	04/05/22 21:43	CRP
Nitrate (as N)	2.21		mg/L	0.011	0.011	1	04/05/22	04/05/22 21:43	CRP
Sulfate	27.9		mg/L	0.3	0.3	1	04/05/22	04/05/22 21:43	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	246		mg/L	5.8	5.8	1	04/08/22	04/11/22 11:29	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	480		mg/L	10.0	10.0	1	04/06/22	04/07/22 17:51	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	252		mg/L	5.0	5.0	1	04/09/22	04/09/22 17:10	MCD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-7

**2040420-10 (Nonpotable Water)
Sample Date: 04/04/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	5.93	O-07	pH Units			1	04/05/22	04/05/22 14:28	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	2.82		NTU	0.500	0.110	1	04/06/22	04/06/22 15:43	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:56	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:56	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Benzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:56	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
1,4-Dichlorobenzene	4.0		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
cis-1,2-Dichloroethene	3.0		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-7

**2040420-10 (Nonpotable Water)
Sample Date: 04/04/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:56	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:56	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 20:56	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:56	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 20:56	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Tetrachloroethene	1.4		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Toluene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 20:56	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	109 %			04/06/22	04/06/22 20:56	
Surrogate: Toluene-d8			75-120	98 %			04/06/22	04/06/22 20:56	
Surrogate: 4-Bromofluorobenzene			75-120	94 %			04/06/22	04/06/22 20:56	

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-7

**2040420-10 (Nonpotable Water)
Sample Date: 04/04/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 10:44	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 10:44	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	287000		ug/L	500	500	1	04/07/22	04/08/22 18:55	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:55	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:55	VVD
Barium	89.2		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:55	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:55	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:55	VVD
Calcium	61500		ug/L	80.0	80.0	1	04/07/22	04/08/22 18:55	VVD
Chromium	2.91		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:55	VVD
Cobalt	16.9		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:55	VVD
Copper	3.97		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:55	VVD
Iron	2740		ug/L	100	5.00	1	04/07/22	04/08/22 18:55	VVD
Lead	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:55	VVD
Magnesium	32300		ug/L	100	100	1	04/07/22	04/08/22 18:55	VVD
Manganese	1020		ug/L	10.0	10.0	10	04/07/22	04/08/22 20:40	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/07/22	04/08/22 18:55	VVD
Nickel	7.64		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:55	VVD
Potassium	3810		ug/L	100	100	1	04/07/22	04/08/22 18:55	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:55	VVD
Silver	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:55	VVD
Sodium	53000		ug/L	100	100	1	04/07/22	04/08/22 18:55	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:55	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/07/22	04/08/22 18:55	VVD
Zinc	5.63		ug/L	4.00	4.00	1	04/07/22	04/08/22 18:55	VVD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

MW-7

**2040420-10 (Nonpotable Water)
Sample Date: 04/04/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.30		mg/L	0.02	0.02	1	04/15/22	04/15/22 14:35	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	14.5		mg/L	3.0	3.0	1	04/12/22	04/12/22 18:12	AD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	834.2		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	120		mg/L	0.500	0.500	1	04/05/22	04/05/22 22:01	CRP
Nitrate	2.02		mg/L	0.050	0.050	1	04/05/22	04/05/22 22:01	CRP
Nitrate (as N)	0.456		mg/L	0.011	0.011	1	04/05/22	04/05/22 22:01	CRP
Sulfate	60.2		mg/L	0.3	0.3	1	04/05/22	04/05/22 22:01	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	13.1		mg/L	2.2	2.2	1	04/08/22	04/11/22 11:29	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	492		mg/L	10.0	10.0	1	04/06/22	04/07/22 17:51	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	169		mg/L	5.0	5.0	1	04/09/22	04/09/22 17:15	MCD

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

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2040420-11 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 21:20	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 21:20	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Benzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 21:20	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

TRIP BLANK

2040420-11 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 21:20	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 21:20	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 21:20	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 21:20	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 21:20	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Toluene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:20	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	109 %			04/06/22	04/06/22 21:20	
Surrogate: Toluene-d8			75-120	99 %			04/06/22	04/06/22 21:20	
Surrogate: 4-Bromofluorobenzene			75-120	94 %			04/06/22	04/06/22 21:20	

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Will Brewington, President

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

TRIP BLANK

2040420-11 (Nonpotable Water)
Sample Date: 04/04/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 11:00	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 11:00	EH



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Will Brewington, President

1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/18/22 14:25

pH measurement by EPA 9040C / SM 4500-H+ B-2011 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204085 - pH (Paper or Meter)

Reference (B204085-SRM1)

Prepared & Analyzed: 04/05/22

pH	7.02			pH Units	7.003		100	99.93-100.07		
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Will Brewington, President

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1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/18/22 14:25

Turbidity by EPA 180.1 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204086 - Turbidity Prep

Blank (B204086-BLK1)

Prepared & Analyzed: 04/06/22

Turbidity	ND		0.500	NTU						
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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

Blank (B204102-BLK1)

Prepared & Analyzed: 04/06/22

Acetone	ND		5.0	ug/L						
Acrylonitrile	ND		5.0	ug/L						
Allyl chloride (3-Chloropropylene)	ND		1.0	ug/L						
Benzene	ND		1.0	ug/L						
Bromochloromethane	ND		1.0	ug/L						
Bromodichloromethane	ND		1.0	ug/L						
Bromoform	ND		1.0	ug/L						
Bromomethane	ND		1.0	ug/L						
2-Butanone (MEK)	ND		5.0	ug/L						
Carbon disulfide	ND		1.0	ug/L						
Carbon tetrachloride	ND		1.0	ug/L						
Chlorobenzene	ND		1.0	ug/L						
Chloroethane	ND		1.0	ug/L						
Chloroform	ND		1.0	ug/L						
Chloromethane	ND		1.0	ug/L						
Chloroprene	ND		1.0	ug/L						
Dibromochloromethane	ND		1.0	ug/L						
1,2-Dibromo-3-chloropropane	ND		1.0	ug/L						
1,2-Dibromoethane (EDB)	ND		1.0	ug/L						
Dibromomethane	ND		1.0	ug/L						
1,2-Dichlorobenzene	ND		1.0	ug/L						
1,4-Dichlorobenzene	ND		1.0	ug/L						
trans-1,4-Dichloro-2-butene	ND		1.0	ug/L						
1,1-Dichloroethane	ND		1.0	ug/L						
1,2-Dichloroethane	ND		1.0	ug/L						
1,1-Dichloroethene	ND		1.0	ug/L						
cis-1,2-Dichloroethene	ND		1.0	ug/L						
trans-1,2-Dichloroethene	ND		1.0	ug/L						
1,2-Dichloropropane	ND		1.0	ug/L						
1,3-Dichloropropane	ND		1.0	ug/L						
2,2-Dichloropropane	ND		1.0	ug/L						

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

Blank (B204102-BLK1)

Prepared & Analyzed: 04/06/22

1,1-Dichloropropene	ND		1.0	ug/L						
cis-1,3-Dichloropropene	ND		1.0	ug/L						
trans-1,3-Dichloropropene	ND		1.0	ug/L						
Ethyl methacrylate	ND		5.0	ug/L						
Ethylbenzene	ND		1.0	ug/L						
2-Hexanone	ND		5.0	ug/L						
Isobutanol	ND		100	ug/L						
Iodomethane	ND		1.0	ug/L						
Methyl tert-butyl ether (MTBE)	ND		1.0	ug/L						
4-Methyl-2-pentanone	ND		5.0	ug/L						
Methylene chloride	ND		1.0	ug/L						
Methyl methacrylate	ND		5.0	ug/L						
Styrene	ND		1.0	ug/L						
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L						
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L						
Tetrachloroethene	ND		1.0	ug/L						
Toluene	ND		1.0	ug/L						
1,1,1-Trichloroethane	ND		1.0	ug/L						
1,1,2-Trichloroethane	ND		1.0	ug/L						
Trichloroethene	ND		1.0	ug/L						
Trichlorofluoromethane (Freon 11)	ND		1.0	ug/L						
1,2,3-Trichloropropane	ND		1.0	ug/L						
Vinyl acetate	ND		1.0	ug/L						
Vinyl chloride	ND		1.0	ug/L						
o-Xylene	ND		1.0	ug/L						
m- & p-Xylenes	ND		1.0	ug/L						
Surrogate: 1,2-Dichloroethane-d4	50.17			ug/L	50.00		100	70-130		
Surrogate: Toluene-d8	48.64			ug/L	50.00		97	75-120		
Surrogate: 4-Bromofluorobenzene	47.72			ug/L	50.00		95	75-120		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

LCS (B204102-BS1)

Prepared & Analyzed: 04/06/22

Acetone	9.3		5.0	ug/L	10.00		93	50-150		
Acrylonitrile	4.8	J	5.0	ug/L	5.000		95	50-150		
Benzene	5.3		1.0	ug/L	5.000		106	50-150		
Bromochloromethane	5.7		1.0	ug/L	5.000		114	50-150		
Bromodichloromethane	5.0		1.0	ug/L	5.000		100	50-150		
Bromoform	5.3		1.0	ug/L	5.000		106	50-150		
Bromomethane	6.3		1.0	ug/L	5.000		126	50-150		
2-Butanone (MEK)	8.5		5.0	ug/L	10.00		85	50-150		
Carbon disulfide	5.6		1.0	ug/L	5.000		111	50-150		
Carbon tetrachloride	5.2		1.0	ug/L	5.000		103	50-150		
Chlorobenzene	5.5		1.0	ug/L	5.000		110	50-150		
Chloroethane	5.1		1.0	ug/L	5.000		101	50-150		
Chloroform	5.2		1.0	ug/L	5.000		104	50-150		
Chloromethane	5.2		1.0	ug/L	5.000		104	50-150		
Dibromochloromethane	5.0		1.0	ug/L	5.000		100	50-150		
1,2-Dibromo-3-chloropropane	5.8		1.0	ug/L	5.000		115	50-150		
1,2-Dibromoethane (EDB)	5.0		1.0	ug/L	5.000		100	50-150		
Dibromomethane	5.5		1.0	ug/L	5.000		109	50-150		
1,2-Dichlorobenzene	5.6		1.0	ug/L	5.000		112	50-150		
1,4-Dichlorobenzene	5.9		1.0	ug/L	5.000		118	50-150		
1,1-Dichloroethane	5.0		1.0	ug/L	5.000		101	50-150		
1,2-Dichloroethane	4.7		1.0	ug/L	5.000		94	50-150		
1,1-Dichloroethene	5.5		1.0	ug/L	5.000		110	50-150		
cis-1,2-Dichloroethene	5.6		1.0	ug/L	5.000		112	50-150		
trans-1,2-Dichloroethene	5.6		1.0	ug/L	5.000		112	50-150		
1,2-Dichloropropane	4.9		1.0	ug/L	5.000		98	50-150		
1,3-Dichloropropane	4.7		1.0	ug/L	5.000		94	50-150		
2,2-Dichloropropane	5.2		1.0	ug/L	5.000		104	50-150		
1,1-Dichloropropene	5.1		1.0	ug/L	5.000		101	50-150		
cis-1,3-Dichloropropene	4.8		1.0	ug/L	5.000		97	50-150		
trans-1,3-Dichloropropene	4.6		1.0	ug/L	5.000		92	50-150		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

LCS (B204102-BS1)

Prepared & Analyzed: 04/06/22

Ethylbenzene	5.1		1.0	ug/L	5.000		103	50-150		
2-Hexanone	8.5		5.0	ug/L	10.00		85	50-150		
Methyl tert-butyl ether (MTBE)	4.7		1.0	ug/L	5.000		95	50-150		
4-Methyl-2-pentanone	8.6		5.0	ug/L	10.00		86	50-150		
Methylene chloride	5.7		1.0	ug/L	5.000		113	0-200		
Methyl methacrylate	4.6	J	5.0	ug/L	5.000		92	50-150		
Styrene	5.0		1.0	ug/L	5.000		99	50-150		
1,1,1,2-Tetrachloroethane	5.1		1.0	ug/L	5.000		101	50-150		
1,1,2,2-Tetrachloroethane	4.9		1.0	ug/L	5.000		98	50-150		
Tetrachloroethene	5.3		1.0	ug/L	5.000		106	50-150		
Toluene	5.1		1.0	ug/L	5.000		101	50-150		
1,1,1-Trichloroethane	4.9		1.0	ug/L	5.000		98	50-150		
1,1,2-Trichloroethane	4.8		1.0	ug/L	5.000		96	50-150		
Trichloroethene	5.4		1.0	ug/L	5.000		108	50-150		
Trichlorofluoromethane (Freon 11)	5.0		1.0	ug/L	5.000		100	50-150		
1,2,3-Trichloropropane	4.5		1.0	ug/L	5.000		90	50-150		
Vinyl acetate	3.6		1.0	ug/L	5.000		72	50-150		
Vinyl chloride	5.2		1.0	ug/L	5.000		104	50-150		
o-Xylene	5.2		1.0	ug/L	5.000		103	50-150		
m- & p-Xylenes	10.3		1.0	ug/L	10.00		103	50-150		
Surrogate: 1,2-Dichloroethane-d4	47.87			ug/L	50.00		96	70-130		
Surrogate: Toluene-d8	47.17			ug/L	50.00		94	75-120		
Surrogate: 4-Bromofluorobenzene	48.35			ug/L	50.00		97	75-120		

Duplicate (B204102-DUP1)

Source: 2033132-01

Prepared & Analyzed: 04/06/22

Acetone	ND		5.0	ug/L		ND				20
Acrylonitrile	ND		5.0	ug/L		ND				15
Allyl chloride (3-Chloropropylene)	ND		1.0	ug/L		ND				20
Benzene	ND		1.0	ug/L		ND				20
Bromochloromethane	ND		1.0	ug/L		ND				20
Bromodichloromethane	ND		1.0	ug/L		ND				20
Bromoform	ND		1.0	ug/L		ND				20

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

Duplicate (B204102-DUP1)	Source: 2033132-01	Prepared & Analyzed: 04/06/22			
Bromomethane	ND	1.0 ug/L	ND	20	
2-Butanone (MEK)	ND	5.0 ug/L	ND	20	
Carbon disulfide	ND	1.0 ug/L	ND	20	
Carbon tetrachloride	ND	1.0 ug/L	ND	20	
Chlorobenzene	ND	1.0 ug/L	ND	20	
Chloroethane	ND	1.0 ug/L	ND	20	
Chloroform	ND	1.0 ug/L	ND	20	
Chloromethane	ND	1.0 ug/L	ND	20	
Chloroprene	ND	1.0 ug/L	ND	20	
Dibromochloromethane	ND	1.0 ug/L	ND	20	
1,2-Dibromo-3-chloropropane	ND	1.0 ug/L	ND	20	
1,2-Dibromoethane (EDB)	ND	1.0 ug/L	ND	20	
Dibromomethane	ND	1.0 ug/L	ND	20	
1,2-Dichlorobenzene	ND	1.0 ug/L	ND	20	
1,4-Dichlorobenzene	1.4	1.0 ug/L	1.4	3	20
trans-1,4-Dichloro-2-butene	ND	1.0 ug/L	ND	20	
1,1-Dichloroethane	10.6	1.0 ug/L	10.6	0	20
1,2-Dichloroethane	ND	1.0 ug/L	ND	20	
1,1-Dichloroethene	ND	1.0 ug/L	ND	20	
cis-1,2-Dichloroethene	35.4	1.0 ug/L	34.7	2	20
trans-1,2-Dichloroethene	1.2	1.0 ug/L	1.3	6	20
1,2-Dichloropropane	3.2	1.0 ug/L	3.2	0.3	20
1,3-Dichloropropane	ND	1.0 ug/L	ND	20	
2,2-Dichloropropane	ND	1.0 ug/L	ND	20	
1,1-Dichloropropene	ND	1.0 ug/L	ND	20	
cis-1,3-Dichloropropene	ND	1.0 ug/L	ND	20	
trans-1,3-Dichloropropene	ND	1.0 ug/L	ND	20	
Ethyl methacrylate	ND	5.0 ug/L	ND	20	
Ethylbenzene	ND	1.0 ug/L	ND	20	
2-Hexanone	ND	5.0 ug/L	ND	20	
Isobutanol	ND	100 ug/L	ND	20	

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

Duplicate (B204102-DUP1)		Source: 2033132-01			Prepared & Analyzed: 04/06/22		
Iodomethane	ND		1.0	ug/L	ND		20
Methyl tert-butyl ether (MTBE)	ND		1.0	ug/L	ND		20
4-Methyl-2-pentanone	ND		5.0	ug/L	ND		20
Methylene chloride	ND		1.0	ug/L	ND		20
Methyl methacrylate	ND		5.0	ug/L	ND		20
Styrene	ND		1.0	ug/L	ND		20
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	ND		20
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	ND		20
Tetrachloroethene	5.9		1.0	ug/L	6.2	5	20
Toluene	1.4		1.0	ug/L	1.5	4	20
1,1,1-Trichloroethane	ND		1.0	ug/L	ND		20
1,1,2-Trichloroethane	ND		1.0	ug/L	ND		20
Trichloroethene	21.1		1.0	ug/L	21.2	0.2	20
Trichlorofluoromethane (Freon 11)	ND		1.0	ug/L	ND		20
1,2,3-Trichloropropane	ND		1.0	ug/L	ND		20
Vinyl acetate	ND		1.0	ug/L	ND		20
Vinyl chloride	3.3		1.0	ug/L	3.2	5	20
o-Xylene	1.2		1.0	ug/L	1.3	5	20
m- & p-Xylenes	2.0		1.0	ug/L	2.2	6	20
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>49.97</i>			<i>ug/L</i>	<i>50.00</i>	<i>100</i>	<i>70-130</i>
<i>Surrogate: Toluene-d8</i>	<i>48.97</i>			<i>ug/L</i>	<i>50.00</i>	<i>98</i>	<i>75-120</i>
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>46.87</i>			<i>ug/L</i>	<i>50.00</i>	<i>94</i>	<i>75-120</i>

Matrix Spike (B204102-MS1)		Source: 2033132-02			Prepared & Analyzed: 04/06/22			
Acetone	10.1		5.0	ug/L	10.00	ND	101	60-120
Acrylonitrile	10.2		5.0	ug/L	10.00	ND	102	0-200
Benzene	11.9		1.0	ug/L	10.00	ND	119	60-120
Bromochloromethane	12.6		1.0	ug/L	10.00	ND	126	60-120
Bromodichloromethane	10.7		1.0	ug/L	10.00	ND	107	60-120
Bromoform	11.2		1.0	ug/L	10.00	ND	112	60-120
Bromomethane	11.3		1.0	ug/L	10.00	ND	113	60-120
2-Butanone (MEK)	8.8		5.0	ug/L	10.00	ND	88	60-120

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

Matrix Spike (B204102-MS1)	Source: 2033132-02			Prepared & Analyzed: 04/06/22						
Carbon disulfide	11.7		1.0	ug/L	10.00	ND	117	60-120		
Carbon tetrachloride	11.2		1.0	ug/L	10.00	ND	112	60-120		
Chlorobenzene	12.1		1.0	ug/L	10.00	ND	121	60-120		
Chloroethane	11.2		1.0	ug/L	10.00	ND	112	60-120		
Chloroform	11.1		1.0	ug/L	10.00	ND	111	60-120		
Chloromethane	10.4		1.0	ug/L	10.00	ND	104	60-120		
Dibromochloromethane	11.0		1.0	ug/L	10.00	ND	110	60-120		
1,2-Dibromo-3-chloropropane	10.3		1.0	ug/L	10.00	ND	103	60-120		
1,2-Dibromoethane (EDB)	11.0		1.0	ug/L	10.00	ND	110	60-120		
Dibromomethane	11.3		1.0	ug/L	10.00	ND	113	60-120		
1,2-Dichlorobenzene	11.7		1.0	ug/L	10.00	ND	117	60-120		
1,4-Dichlorobenzene	12.2		1.0	ug/L	10.00	ND	122	60-120		
1,1-Dichloroethane	12.2		1.0	ug/L	10.00	1.3	109	60-120		
1,2-Dichloroethane	9.9		1.0	ug/L	10.00	ND	99	60-120		
1,1-Dichloroethene	12.0		1.0	ug/L	10.00	ND	120	60-120		
cis-1,2-Dichloroethene	16.4		1.0	ug/L	10.00	4.7	117	60-120		
trans-1,2-Dichloroethene	11.8		1.0	ug/L	10.00	ND	118	60-120		
1,2-Dichloropropane	11.1		1.0	ug/L	10.00	ND	111	60-120		
1,3-Dichloropropane	10.7		1.0	ug/L	10.00	ND	107	60-120		
2,2-Dichloropropane	9.5		1.0	ug/L	10.00	ND	95	60-120		
1,1-Dichloropropene	11.4		1.0	ug/L	10.00	ND	114	60-120		
cis-1,3-Dichloropropene	10.6		1.0	ug/L	10.00	ND	106	60-120		
trans-1,3-Dichloropropene	9.9		1.0	ug/L	10.00	ND	99	60-120		
Ethylbenzene	11.9		1.0	ug/L	10.00	ND	119	60-120		
2-Hexanone	9.0		5.0	ug/L	10.00	ND	90	60-120		
Methyl tert-butyl ether (MTBE)	10.0		1.0	ug/L	10.00	ND	100	60-120		
4-Methyl-2-pentanone	9.0		5.0	ug/L	10.00	ND	90	60-120		
Methylene chloride	11.0		1.0	ug/L	10.00	ND	110	60-120		
Methyl methacrylate	9.2		5.0	ug/L	10.00	ND	92	60-120		
Styrene	11.3		1.0	ug/L	10.00	ND	113	60-120		
1,1,1,2-Tetrachloroethane	11.0		1.0	ug/L	10.00	ND	110	60-120		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

Matrix Spike (B204102-MS1)	Source: 2033132-02	Prepared & Analyzed: 04/06/22								
1,1,2,2-Tetrachloroethane	10.6	1.0	ug/L	10.00	ND	106	60-120			
Tetrachloroethene	12.8	1.0	ug/L	10.00	ND	128	60-120			
Toluene	11.8	1.0	ug/L	10.00	ND	118	60-120			
1,1,1-Trichloroethane	10.9	1.0	ug/L	10.00	ND	109	60-120			
1,1,2-Trichloroethane	11.5	1.0	ug/L	10.00	ND	115	60-120			
Trichloroethene	14.5	1.0	ug/L	10.00	2.6	119	60-120			
Trichlorofluoromethane (Freon 11)	11.1	1.0	ug/L	10.00	ND	111	60-120			
1,2,3-Trichloropropane	10.6	1.0	ug/L	10.00	ND	106	60-120			
Vinyl acetate	9.0	1.0	ug/L	10.00	ND	90	60-120			
Vinyl chloride	11.6	1.0	ug/L	10.00	ND	116	60-120			
o-Xylene	11.4	1.0	ug/L	10.00	ND	114	60-120			
m- & p-Xylenes	23.9	1.0	ug/L	20.00	ND	120	60-120			
Surrogate: 1,2-Dichloroethane-d4	46.15		ug/L	50.00		92	70-130			
Surrogate: Toluene-d8	48.77		ug/L	50.00		98	75-120			
Surrogate: 4-Bromofluorobenzene	49.47		ug/L	50.00		99	75-120			

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

EDB and DBCP by EPA 8011 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204193 - 504.1 EDB/DBCP										
Blank (B204193-BLK1)					Prepared & Analyzed: 04/12/22					
1,2-Dibromo-3-chloropropane	ND		0.050	ug/L						
1,2-Dibromoethane (EDB)	ND		0.020	ug/L						
Blank (B204193-BLK2)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	ND		0.050	ug/L						
1,2-Dibromoethane (EDB)	ND		0.020	ug/L						
Blank (B204193-BLK3)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	ND		0.050	ug/L						
1,2-Dibromoethane (EDB)	ND		0.020	ug/L						
LCS (B204193-BS1)					Prepared & Analyzed: 04/12/22					
1,2-Dibromo-3-chloropropane	0.093		0.050	ug/L	0.1006		92	70-130		
1,2-Dibromoethane (EDB)	0.121		0.020	ug/L	0.1006		120	70-130		
LCS (B204193-BS2)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	0.093		0.050	ug/L	0.1006		93	70-130		
1,2-Dibromoethane (EDB)	0.118		0.020	ug/L	0.1006		117	70-130		
LCS (B204193-BS3)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	0.094		0.050	ug/L	0.1006		93	70-130		
1,2-Dibromoethane (EDB)	0.125		0.020	ug/L	0.1006		124	70-130		
Matrix Spike (B204193-MS1)			Source: 2040420-05			Prepared & Analyzed: 04/12/22				
1,2-Dibromo-3-chloropropane	0.170		0.048	ug/L	0.1918	ND	89	70-130		
1,2-Dibromoethane (EDB)	0.208		0.019	ug/L	0.1918	ND	109	70-130		
Matrix Spike (B204193-MS2)			Source: 2033038-05			Prepared: 04/12/22 Analyzed: 04/13/22				
1,2-Dibromo-3-chloropropane	0.175		0.047	ug/L	0.1908	ND	92	70-130		
1,2-Dibromoethane (EDB)	0.222		0.019	ug/L	0.1908	ND	116	70-130		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

EDB and DBCP by EPA 8011 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204193 - 504.1 EDB/DBCP										
Matrix Spike (B204193-MS3)			Source: 2033132-05			Prepared: 04/12/22 Analyzed: 04/13/22				
1,2-Dibromo-3-chloropropane	0.183		0.047	ug/L	0.1898	ND	97	70-130		
1,2-Dibromoethane (EDB)	0.218		0.019	ug/L	0.1898	ND	115	70-130		
Reference (B204193-SRM1)			Prepared & Analyzed: 04/12/22							
1,2-Dibromo-3-chloropropane	0.016		0.050	ug/L	0.02011		80	50-150		
1,2-Dibromoethane (EDB)	0.026		0.020	ug/L	0.02011		128	50-150		
Reference (B204193-SRM2)			Prepared: 04/12/22 Analyzed: 04/13/22							
1,2-Dibromo-3-chloropropane	0.015		0.050	ug/L	0.02011		76	50-150		
1,2-Dibromoethane (EDB)	0.023		0.020	ug/L	0.02011		115	50-150		
Reference (B204193-SRM3)			Prepared: 04/12/22 Analyzed: 04/13/22							
1,2-Dibromo-3-chloropropane	0.018		0.050	ug/L	0.02011		89	50-150		
1,2-Dibromoethane (EDB)	0.026		0.020	ug/L	0.02011		130	50-150		



Will Brewington, President

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204134 - 3010A-Metals Digestion

Blank (B204134-BLK1)

Prepared: 04/07/22 Analyzed: 04/08/22

Hardness as CaCO3	ND		500	ug/L						
Antimony	ND		1.00	ug/L						
Arsenic	ND		1.00	ug/L						
Barium	ND		1.00	ug/L						
Beryllium	ND		1.00	ug/L						
Cadmium	ND		1.00	ug/L						
Calcium	ND		80.0	ug/L						
Chromium	ND		1.00	ug/L						
Cobalt	ND		1.00	ug/L						
Copper	ND		1.00	ug/L						
Iron	11.3	J	100	ug/L						
Lead	ND		1.00	ug/L						
Magnesium	ND		100	ug/L						
Manganese	ND		1.00	ug/L						
Mercury	ND		0.100	ug/L						
Nickel	ND		1.00	ug/L						
Potassium	ND		100	ug/L						
Selenium	ND		1.00	ug/L						
Silver	ND		1.00	ug/L						
Sodium	ND		100	ug/L						
Thallium	ND		1.00	ug/L						
Vanadium	ND		1.00	ug/L						
Zinc	ND		4.00	ug/L						

LCS (B204134-BS1)

Prepared: 04/07/22 Analyzed: 04/08/22

Antimony	47.2		1.00	ug/L	50.00		94	80-120		
Arsenic	50.4		1.00	ug/L	50.00		101	80-120		
Barium	48.9		1.00	ug/L	50.00		98	80-120		
Beryllium	51.2		1.00	ug/L	50.00		102	80-120		
Cadmium	49.5		1.00	ug/L	50.00		99	80-120		
Calcium	5210		80.0	ug/L	5000		104	80-120		
Chromium	50.0		1.00	ug/L	50.00		100	80-120		

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204134 - 3010A-Metals Digestion

LCS (B204134-BS1)

Prepared: 04/07/22 Analyzed: 04/08/22

Cobalt	52.1		1.00	ug/L	50.00		104	80-120		
Copper	52.8		1.00	ug/L	50.00		106	80-120		
Iron	5140		100	ug/L	5000		103	80-120		
Lead	49.8		1.00	ug/L	50.00		100	80-120		
Magnesium	5170		100	ug/L	5000		103	80-120		
Manganese	50.9		1.00	ug/L	50.00		102	80-120		
Mercury	2.33		0.100	ug/L	2.500		93	80-120		
Nickel	52.8		1.00	ug/L	50.00		106	80-120		
Potassium	5210		100	ug/L	5000		104	80-120		
Selenium	52.6		1.00	ug/L	50.00		105	80-120		
Silver	50.4		1.00	ug/L	50.00		101	80-120		
Sodium	5260		100	ug/L	5000		105	80-120		
Thallium	51.3		1.00	ug/L	50.00		103	80-120		
Vanadium	48.4		1.00	ug/L	50.00		97	80-120		
Zinc	104		4.00	ug/L	100.0		104	80-120		

Duplicate (B204134-DUP1)

Source: 2033132-01

Prepared: 04/07/22 Analyzed: 04/08/22

Hardness as CaCO3	325000		500	ug/L		320000			1	200
Antimony	ND		1.00	ug/L		ND				200
Arsenic	1.49		1.00	ug/L		2.61			55	200
Barium	102		1.00	ug/L		99.9			2	200
Beryllium	ND		1.00	ug/L		ND				200
Cadmium	ND		1.00	ug/L		ND				200
Calcium	71100		80.0	ug/L		70100			1	200
Chromium	6.85		1.00	ug/L		9.92			37	200
Cobalt	50.9		1.00	ug/L		50.9			0.1	200
Copper	9.22		1.00	ug/L		10.1			9	200
Iron	30700		100	ug/L		32000			4	200
Lead	2.57		1.00	ug/L		2.67			4	200
Magnesium	35900		100	ug/L		35300			1	200
Manganese	4560	E	1.00	ug/L		4680			3	200
Mercury	ND		0.100	ug/L		ND				200

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204134 - 3010A-Metals Digestion

Duplicate (B204134-DUP1)		Source: 2033132-01		Prepared: 04/07/22		Analyzed: 04/08/22	
Nickel	29.9	1.00	ug/L	31.0		4	200
Potassium	3540	100	ug/L	3560		0.7	200
Selenium	ND	1.00	ug/L	ND			200
Silver	ND	1.00	ug/L	ND			200
Sodium	74900	100	ug/L	73300		2	200
Thallium	ND	1.00	ug/L	ND			200
Vanadium	ND	1.00	ug/L	1.41			200
Zinc	16.0	4.00	ug/L	19.3		19	200

Matrix Spike (B204134-MS1)		Source: 2033132-01		Prepared: 04/07/22		Analyzed: 04/08/22		
Antimony	48.0	1.00	ug/L	50.00	ND	96	60-140	
Arsenic	51.4	1.00	ug/L	50.00	2.61	98	60-140	
Barium	149	1.00	ug/L	50.00	99.9	99	60-140	
Beryllium	49.5	1.00	ug/L	50.00	ND	99	60-140	
Cadmium	48.9	1.00	ug/L	50.00	ND	98	60-140	
Calcium	75800	80.0	ug/L	5000	70100	115	60-140	
Chromium	56.3	1.00	ug/L	50.00	9.92	93	60-140	
Cobalt	102	1.00	ug/L	50.00	50.9	101	60-140	
Copper	59.2	1.00	ug/L	50.00	10.1	98	60-140	
Iron	35700	100	ug/L	5000	32000	73	60-140	
Lead	52.9	1.00	ug/L	50.00	2.67	101	60-140	
Magnesium	40700	100	ug/L	5000	35300	107	60-140	
Manganese	4590	QM-4X, E	1.00	ug/L	50.00	4680	NR	60-140
Mercury	2.41	0.100	ug/L	2.500	ND	96	60-140	
Nickel	80.0	1.00	ug/L	50.00	31.0	98	60-140	
Potassium	8800	100	ug/L	5000	3560	105	60-140	
Selenium	49.4	1.00	ug/L	50.00	ND	99	60-140	
Silver	49.2	1.00	ug/L	50.00	ND	98	60-140	
Sodium	79300	100	ug/L	5000	73300	121	60-140	
Thallium	51.8	1.00	ug/L	50.00	ND	104	60-140	
Vanadium	49.9	1.00	ug/L	50.00	1.41	97	60-140	
Zinc	116	4.00	ug/L	100.0	19.3	97	60-140	

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Will Brewington, President

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

Ammonia (as N) by EPA 350.1 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204300 - Ammonia Prep

Blank (B204300-BLK1)

Prepared & Analyzed: 04/15/22

Ammonia as N ND 0.02 mg/L

LCS (B204300-BS1)

Prepared & Analyzed: 04/15/22

Ammonia as N 0.51 0.02 mg/L 0.5000 101 80-120

Duplicate (B204300-DUP1)

Source: 2040420-01

Prepared & Analyzed: 04/15/22

Ammonia as N 0.08 0.02 mg/L 0.08 5 200

Matrix Spike (B204300-MS1)

Source: 2040420-01

Prepared & Analyzed: 04/15/22

Ammonia as N 0.57 0.02 mg/L 0.5000 0.08 98 80-120



Will Brewington, President

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

Chemical Oxygen Demand by EPA 410.4 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204114 - COD (03) Prep										
Blank (B204114-BLK1)					Prepared & Analyzed: 04/06/22					
COD	ND		3.0	mg/L						
LCS (B204114-BS1)					Prepared & Analyzed: 04/06/22					
COD	48.9		3.0	mg/L	50.00		98	90-110		
Duplicate (B204114-DUP1)					Source: 2033132-06		Prepared & Analyzed: 04/06/22			
COD	32.3		3.0	mg/L		32.4			0.3	20
Matrix Spike (B204114-MS1)					Source: 2033132-06		Prepared & Analyzed: 04/06/22			
COD	82.1		3.0	mg/L	50.00	32.4	99	90-110		
Batch B204217 - COD (03) Prep										
Blank (B204217-BLK1)					Prepared & Analyzed: 04/12/22					
COD	ND		3.0	mg/L						
LCS (B204217-BS1)					Prepared & Analyzed: 04/12/22					
COD	53.6		3.0	mg/L	50.00		107	90-110		
Duplicate (B204217-DUP1)					Source: 2040420-05		Prepared & Analyzed: 04/12/22			
COD	3.6		3.0	mg/L		3.1			16	20
Matrix Spike (B204217-MS1)					Source: 2040420-05		Prepared & Analyzed: 04/12/22			
COD	57.6		3.0	mg/L	50.00	3.1	109	90-110		
Batch B204272 - COD (03) Prep										
Blank (B204272-BLK1)					Prepared & Analyzed: 04/14/22					
COD	ND		3.0	mg/L						



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Will Brewington, President

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

Chemical Oxygen Demand by EPA 410.4 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204272 - COD (03) Prep										
LCS (B204272-BS1)					Prepared & Analyzed: 04/14/22					
COD	49.4		3.0	mg/L	50.00		99	90-110		
Duplicate (B204272-DUP1)					Source: 2040625-01 Prepared & Analyzed: 04/14/22					
COD	ND		3.0	mg/L		ND				20
Matrix Spike (B204272-MS1)					Source: 2040625-01 Prepared & Analyzed: 04/14/22					
COD	50.4		3.0	mg/L	50.00	ND	101	90-110		



Will Brewington, President

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

Conductivity by SM2510 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204216 - Conductivity										
Duplicate (B204216-DUP1)			Source: 2040518-01			Prepared & Analyzed: 04/12/22				
Conductivity	806.9			uS/cm		813.5			0.8	20
Duplicate (B204216-DUP2)			Source: 2040625-06			Prepared & Analyzed: 04/12/22				
Conductivity	147.8			uS/cm		148.6			0.5	20
Duplicate (B204216-DUP3)			Source: 2040420-08			Prepared & Analyzed: 04/12/22				
Conductivity	1209			uS/cm		1216			0.6	20



Will Brewington, President

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

Anions by EPA 300.0 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204087 - 300.0 Anions Prep

Blank (B204087-BLK1)

Prepared & Analyzed: 04/05/22

Chloride	ND		0.500	mg/L						
Nitrate	ND		0.050	mg/L						
Nitrate (as N)	ND		0.011	mg/L						
Sulfate	ND		0.3	mg/L						

LCS (B204087-BS1)

Prepared & Analyzed: 04/05/22

Chloride	3.94		0.500	mg/L	4.000		99	90-110		
Nitrate	3.64		0.050	mg/L	4.000		91	90-110		
Nitrate (as N)	0.823		0.011	mg/L				90-110		
Sulfate	3.9		0.3	mg/L	4.000		97	90-110		

Duplicate (B204087-DUP1)

Source: 2040420-01

Prepared & Analyzed: 04/05/22

Chloride	102		0.500	mg/L		102			0.1	20
Nitrate	21.0		0.050	mg/L		21.0			0.2	200
Nitrate (as N)	4.75		0.011	mg/L		4.73			0.2	200
Sulfate	1.3		0.3	mg/L		1.2			2	20

Matrix Spike (B204087-MS1)

Source: 2040420-01

Prepared & Analyzed: 04/05/22

Chloride	101	QM-4X	0.500	mg/L	4.000	102	NR	80-120		
Nitrate	24.0	QM-4X	0.050	mg/L	4.000	21.0	76	80-120		
Nitrate (as N)	5.42		0.011	mg/L		4.73		80-120		
Sulfate	5.1		0.3	mg/L	4.000	1.2	95	80-120		

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Will Brewington, President

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

Total Suspended Solids by USGS I-3765-85 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204168 - TSS PREP										
Blank (B204168-BLK1)					Prepared: 04/08/22 Analyzed: 04/11/22					
Solids, Suspended	ND		2.5	mg/L						
LCS (B204168-BS1)					Prepared: 04/08/22 Analyzed: 04/11/22					
Solids, Suspended	55.8		2.5	mg/L	53.30		105	70-130		
Duplicate (B204168-DUP1)			Source: 2040525-01			Prepared: 04/08/22 Analyzed: 04/11/22				
Solids, Suspended	18.3		5.2	mg/L		18.9			3	20



Will Brewington, President

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1500 Caton Center Dr Suite G
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410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

Total Dissolved Solids by SM 2540C - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204119 - TDS Prep										
Blank (B204119-BLK1)										
					Prepared: 04/06/22 Analyzed: 04/07/22					
Solids, Dissolved	ND		10.0	mg/L						
LCS (B204119-BS1)										
					Prepared: 04/06/22 Analyzed: 04/07/22					
Solids, Dissolved	718		10.0	mg/L	720.5		100	90-110		
Duplicate (B204119-DUP1)										
			Source: 2033132-01			Prepared: 04/06/22 Analyzed: 04/07/22				
Solids, Dissolved	573		10.0	mg/L		605			5	20



Will Brewington, President

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

SM 2320B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch 814789 - SM 2320B

BLANK (4473484)

Prepared & Analyzed: 04/09/22

Alkalinity, Total as CaCO3	<5.0		5.0	mg/L				-		
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LCS (4473485)

Prepared & Analyzed: 04/09/22

Alkalinity, Total as CaCO3	97%		5.0	mg/L	250		97	90-110		
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DUP (4473486)

Source: 2040420-01

Prepared & Analyzed: 04/09/22

Alkalinity, Total as CaCO3	30.9		5.0	mg/L		26.2		-	17	20
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Will Brewington, President

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/18/22 14:25

Notes and Definitions

- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- O-07 This sample was received outside of the EPA recommended holding time.
- O-04 This sample was analyzed outside the EPA recommended holding time.
- J Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag).
- E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
- RE Sample reanalyses are done at the laboratory's discretion as a mechanism to improve data quality. Any client requested reanalysis will be identified with a sample qualifier.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- %-Solids Percent Solids is a supportive test and as such does not require accreditation

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Will Brewington, President

Company Name: EA Engineering		Project Manager: Laura Oakes		CHAIN-OF-CUSTODY RECORD														
Project Name: GUDE Landfill		Project ID: 155604		Analysis Requested						Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 reporting@mdspectral.com								
Sampler(s): D. Kozlowski, R. Williams, J. Stith		P.O. Number: 19547		8260LL VOC and 8011*		6020 MDE Landfill List		Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity		Turbidity, pH		Suspended Solids		COD		Ammonia-Nitrogen		
Field Sample ID		Date	Time	Water	Soil	Other	Matrix Codes: NW (non-potable water) PW (potable water)											
							Preservative: 1-H HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID									
MW-13A		4/4/22	0937	X			X	X	X	X	X	X	X	X	X	X	X	2040420-01
MW-13B			1003															-02
st 120			1050															-03
OB04A			1147															-04
OB30			1200															-05
OB04			1235															-06
OB 105			1319															-07
MW-16B			1408															-08
MW-16A			1454															-09

* Please analyze 2 VOCs (1,2-Dibromo-3-chloropropane and 1, 2 Dibromoethane) by method 8011 in addition to method 8260.

Relinquished by: (Signature) <i>R Reid Williams</i> (Printed) Reid Williams	Date/Time 4/4/22	Received by: (Signature) <i>[Signature]</i> (Printed)	Date/Time 4/4/22	Relinquished by: (Signature) (Printed)	Date/Time 4/4/22	Received by: (Signature) <i>[Signature]</i> (Printed)	
Relinquished by: (Signature) (Printed)	Date/Time 17:23	Received by: (Signature) <i>[Signature]</i> (Printed)	Date/Time 17:23	Relinquished by: (Signature) (Printed)	Date/Time 17:23	Received by: (Signature) <i>[Signature]</i> (Printed)	
Lab Use: Temp: _____ °C <input checked="" type="checkbox"/> Received on ice <input type="checkbox"/> Received same day <input type="checkbox"/> Preservation Appropriate		Turn Around Time: <input checked="" type="checkbox"/> Normal (7 day) <input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ <input type="checkbox"/> Specific Due Date: _____		Sample Disposal: <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for _____ days		Special Instructions/QC Requirements & Comments: <i>Lor. Foster</i>	

SUBCONTRACT ORDER
Maryland Spectral Services

2040420

WO#: 35708256



SENDING LABORATORY:

Maryland Spectral Services
1500 Caton Center Dr. Suite G
Halethorpe, MD 21227
Phone: 410.247.7600
Project Manager: Cory Koons
Reports Email: Reporting@mdspectral.com

RECEIVING LABORATORY:

Pace Labs-FL
8 East Tower Circle
Ormond Beach, FL 32174
Phone: (386) 672-5668
Fax:

Laboratory ID Comments

Due 4:00 PM 04/13/22

Sample ID: 2040420-01 MW-13A Water Sampled:04/04/22 09:37

Alkalinity

Containers Supplied:
Plastic, 0.5L None (F)

Sample ID: 2040420-02 MW-13B Water Sampled:04/04/22 10:13

Alkalinity

Containers Supplied:
Plastic, 0.5L None (F)

Sample ID: 2040420-03 ST 120 Water Sampled:04/04/22 10:50

Alkalinity

Containers Supplied:
Plastic, 0.5L None (F)

Sample ID: 2040420-04 OB04 A Water Sampled:04/04/22 11:47

Alkalinity

Containers Supplied:
Plastic, 0.5L None (F)

Released By: *[Signature]* Date: 4/15/22 1340
Received By: *[Signature]* Date: 04/05/22 1340
Released By: *[Signature]* Date: 04/05/22 1340
Received By: *[Signature]* Date: 4/6/22 +124

SUBCONTRACT ORDER
 Maryland Spectral Services
 2040420

Due 4:00 PM 04/13/22

Laboratory ID

Comments

Sample ID: 2040420-05

OB30

Water

Sampled: 04/04/22 12:00

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (F)

Sample ID: 2040420-06

OB04

Water

Sampled: 04/04/22 12:35

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (F)

Sample ID: 2040420-07

OB 105

Water

Sampled: 04/04/22 13:19

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (F)

Sample ID: 2040420-08

MW-16B

Water

Sampled: 04/04/22 14:08

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (F)

Sample ID: 2040420-09

MW-16A

Water

Sampled: 04/04/22 14:54

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (F)

13:40
 4/5/22
 04/05/22 17:15
 04/05/22 13:40
 4/6/22 11:24

SUBCONTRACT ORDER
Maryland Spectral Services
2040420

Due 4:00 PM 04/13/22

Laboratory ID

Comments

Sample ID: 2040420-10

MW-7



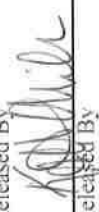
Water

Sampled: 04/04/22 15:51

Alkalinity

Containers Supplied:

Plastic, 0.5L None (F)

	13:40		04/05/22	13:40
Released By	Date	Received By	Date	Date
	04/05/22 12:15	Cej Pucc	04/06/22	11:24
Released By	Date	Received By	Date	Date

14 April 2022

Laura Oakes
EA Engineering
225 Schilling Circle, STE 400
Hunt Valley, MD 21031
RE: GUDE LANDFILL

Enclosed are the results of analyses for samples received by the laboratory on 04/05/22 16:19.

Please visit our website at www.mdspectral.com for a complete listing of our accreditations.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Rabecka Koons
Quality Assurance Officer

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-8		2040518-01	Nonpotable Water	04/05/22 09:35	04/05/22 16:19
0B03 A		2040518-02	Nonpotable Water	04/05/22 10:53	04/05/22 16:19
0B03		2040518-03	Nonpotable Water	04/05/22 12:25	04/05/22 16:19
0B02 A		2040518-04	Nonpotable Water	04/05/22 13:43	04/05/22 16:19
0B02		2040518-05	Nonpotable Water	04/05/22 14:45	04/05/22 16:19
TRIP BLANK		2040518-06	Nonpotable Water	04/05/22 00:00	04/05/22 16:19



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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

MW-8

2040518-01 (Nonpotable Water)
Sample Date: 04/05/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	7.77	O-07	pH Units			1	04/05/22	04/05/22 22:07	VVD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	8.05		NTU	0.500	0.110	1	04/06/22	04/06/22 15:44	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 21:45	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 21:45	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Benzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 21:45	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

MW-8

2040518-01 (Nonpotable Water)
Sample Date: 04/05/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 21:45	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 21:45	LL
Isobutanol	ND		ug/L	100	100	1	04/06/22	04/06/22 21:45	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 21:45	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/06/22	04/06/22 21:45	LL
Styrene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
1,1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Toluene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/06/22	04/06/22 21:45	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	108 %	04/06/22		04/06/22 21:45		
Surrogate: Toluene-d8			75-120	98 %	04/06/22		04/06/22 21:45		
Surrogate: 4-Bromofluorobenzene			75-120	94 %	04/06/22		04/06/22 21:45		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

MW-8

**2040518-01 (Nonpotable Water)
Sample Date: 04/05/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/12/22	04/13/22 04:25	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 04:25	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	251000		ug/L	500	500	1	04/12/22	04/12/22 20:45	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:45	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:45	VVD
Barium	59.9		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:45	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:45	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:45	VVD
Calcium	46400		ug/L	80.0	80.0	1	04/12/22	04/12/22 20:45	VVD
Chromium	4.44		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:45	VVD
Cobalt	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:45	VVD
Copper	2.71		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:45	VVD
Iron	368		ug/L	100	5.00	1	04/12/22	04/12/22 20:45	VVD
Lead	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:45	VVD
Magnesium	32900		ug/L	100	100	1	04/12/22	04/12/22 20:45	VVD
Manganese	8.21		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:45	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/12/22	04/12/22 20:45	VVD
Nickel	4.32		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:45	VVD
Potassium	8940		ug/L	100	100	1	04/12/22	04/12/22 20:45	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:45	VVD
Silver	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:45	VVD
Sodium	63800		ug/L	100	100	1	04/12/22	04/12/22 20:45	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:45	VVD
Vanadium	1.70		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:45	VVD
Zinc	ND		ug/L	4.00	4.00	1	04/12/22	04/12/22 20:45	VVD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

MW-8

**2040518-01 (Nonpotable Water)
Sample Date: 04/05/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	ND		mg/L	0.02	0.02	1	04/13/22	04/13/22 16:12	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	04/12/22	04/12/22 18:02	AD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	813.5		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	93.6		mg/L	0.500	0.500	1	04/05/22	04/05/22 22:20	CRP
Nitrate	35.6		mg/L	0.050	0.050	1	04/05/22	04/05/22 22:20	CRP
Nitrate (as N)	8.04		mg/L	0.011	0.011	1	04/05/22	04/05/22 22:20	CRP
Sulfate	36.6		mg/L	0.3	0.3	1	04/05/22	04/05/22 22:20	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	158		mg/L	4.6	4.6	1	04/08/22	04/11/22 11:29	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	453		mg/L	10.0	10.0	1	04/11/22	04/12/22 19:14	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	205		mg/L	5.0	5.0	1	04/11/22	04/11/22 15:38	RP



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

0B03 A

**2040518-02 (Nonpotable Water)
Sample Date: 04/05/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.58	O-07	pH Units			1	04/05/22	04/05/22 22:07	VVD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	84.5		NTU	2.50	0.550	5	04/06/22	04/06/22 17:12	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 12:55	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 12:55	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Benzene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 12:55	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Chlorobenzene	1.5		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
1,4-Dichlorobenzene	1.5		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
cis-1,2-Dichloroethene	2.3		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

0B03 A

**2040518-02 (Nonpotable Water)
Sample Date: 04/05/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 12:55	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 12:55	LL
Isobutanol	ND		ug/L	100	100	1	04/07/22	04/07/22 12:55	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 12:55	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 12:55	LL
Styrene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
1,1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Toluene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 12:55	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	95 %	04/07/22		04/07/22 12:55		
Surrogate: Toluene-d8			75-120	97 %	04/07/22		04/07/22 12:55		
Surrogate: 4-Bromofluorobenzene			75-120	92 %	04/07/22		04/07/22 12:55		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

0B03 A

**2040518-02 (Nonpotable Water)
Sample Date: 04/05/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 04:40	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 04:40	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	547000		ug/L	500	500	1	04/12/22	04/12/22 20:48	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:48	VVD
Arsenic	5.39		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:48	VVD
Barium	149		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:48	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:48	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:48	VVD
Calcium	109000		ug/L	800	800	10	04/12/22	04/12/22 21:44	VVD
Chromium	1.59		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:48	VVD
Cobalt	18.3		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:48	VVD
Copper	1.26		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:48	VVD
Iron	16400		ug/L	100	5.00	1	04/12/22	04/12/22 20:48	VVD
Lead	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:48	VVD
Magnesium	67500		ug/L	100	100	1	04/12/22	04/12/22 20:48	VVD
Manganese	3680		ug/L	10.0	10.0	10	04/12/22	04/12/22 21:44	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/12/22	04/12/22 20:48	VVD
Nickel	6.97		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:48	VVD
Potassium	14200		ug/L	100	100	1	04/12/22	04/12/22 20:48	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:48	VVD
Silver	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:48	VVD
Sodium	78800		ug/L	100	100	1	04/12/22	04/12/22 20:48	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:48	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:48	VVD
Zinc	ND		ug/L	4.00	4.00	1	04/12/22	04/12/22 20:48	VVD

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

0B03 A

**2040518-02 (Nonpotable Water)
Sample Date: 04/05/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	3.44		mg/L	2.00	2.00	1	04/13/22	04/13/22 16:53	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	12.9		mg/L	3.0	3.0	1	04/12/22	04/12/22 18:03	AD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	1351		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	105		mg/L	0.500	0.500	1	04/05/22	04/05/22 22:38	CRP
Nitrate	ND		mg/L	0.050	0.050	1	04/05/22	04/05/22 22:38	CRP
Nitrate (as N)	ND		mg/L	0.011	0.011	1	04/05/22	04/05/22 22:38	CRP
Sulfate	92.5		mg/L	0.3	0.3	1	04/05/22	04/05/22 22:38	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	421		mg/L	20.8	20.8	1	04/08/22	04/11/22 11:29	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	783		mg/L	10.0	10.0	1	04/11/22	04/12/22 19:14	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	488		mg/L	5.0	5.0	1	04/11/22	04/11/22 16:07	RP

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

0B03

2040518-03 (Nonpotable Water)
Sample Date: 04/05/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	5.94	O-07	pH Units			1	04/05/22	04/05/22 22:07	VVD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	6.19		NTU	0.500	0.110	1	04/06/22	04/06/22 15:47	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 13:20	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 13:20	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Benzene	1.6		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 13:20	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Chlorobenzene	2.4		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Chloroethane	1.3		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
1,2-Dichlorobenzene	1.5		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
1,4-Dichlorobenzene	16.2		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
1,1-Dichloroethane	15.6		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
1,2-Dichloroethane	1.9		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
cis-1,2-Dichloroethene	47.4		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
trans-1,2-Dichloroethene	3.7		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
1,2-Dichloropropane	3.7		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

0B03

2040518-03 (Nonpotable Water)
Sample Date: 04/05/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 13:20	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 13:20	LL
Isobutanol	ND		ug/L	100	100	1	04/07/22	04/07/22 13:20	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Methyl tert-butyl ether (MTBE)	1.8		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 13:20	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 13:20	LL
Styrene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Toluene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Trichloroethene	1.2		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Vinyl chloride	7.7		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:20	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	101 %	04/07/22		04/07/22 13:20		
Surrogate: Toluene-d8			75-120	95 %	04/07/22		04/07/22 13:20		
Surrogate: 4-Bromofluorobenzene			75-120	89 %	04/07/22		04/07/22 13:20		



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

0B03

2040518-03 (Nonpotable Water)
Sample Date: 04/05/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 04:55	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 04:55	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	441000		ug/L	500	500	1	04/12/22	04/12/22 20:50	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:50	VVD
Arsenic	2.10		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:50	VVD
Barium	459		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:50	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:50	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:50	VVD
Calcium	88800		ug/L	80.0	80.0	1	04/12/22	04/12/22 20:50	VVD
Chromium	3.18		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:50	VVD
Cobalt	52.8		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:50	VVD
Copper	3.23		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:50	VVD
Iron	24200		ug/L	100	5.00	1	04/12/22	04/12/22 20:50	VVD
Lead	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:50	VVD
Magnesium	53300		ug/L	100	100	1	04/12/22	04/12/22 20:50	VVD
Manganese	22200		ug/L	100	100	100	04/12/22	04/12/22 21:47	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/12/22	04/12/22 20:50	VVD
Nickel	16.6		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:50	VVD
Potassium	6860		ug/L	100	100	1	04/12/22	04/12/22 20:50	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:50	VVD
Silver	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:50	VVD
Sodium	53800		ug/L	100	100	1	04/12/22	04/12/22 20:50	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:50	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:50	VVD
Zinc	ND		ug/L	4.00	4.00	1	04/12/22	04/12/22 20:50	VVD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

0B03

2040518-03 (Nonpotable Water)
Sample Date: 04/05/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	1.29		mg/L	0.02	0.02	1	04/13/22	04/13/22 16:13	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	15.3		mg/L	3.0	3.0	1	04/12/22	04/12/22 18:04	AD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	1286		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	233		mg/L	0.500	0.500	1	04/05/22	04/05/22 22:57	CRP
Nitrate	ND		mg/L	0.050	0.050	1	04/05/22	04/05/22 22:57	CRP
Nitrate (as N)	ND		mg/L	0.011	0.011	1	04/05/22	04/05/22 22:57	CRP
Sulfate	20.2		mg/L	0.3	0.3	1	04/05/22	04/05/22 22:57	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	8.2		mg/L	2.2	2.2	1	04/08/22	04/11/22 11:29	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	736		mg/L	10.0	10.0	1	04/11/22	04/12/22 19:14	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	283		mg/L	5.0	5.0	1	04/11/22	04/11/22 16:00	RP



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

0B02 A

2040518-04 (Nonpotable Water)
Sample Date: 04/05/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	5.68	O-07	pH Units			1	04/05/22	04/05/22 22:07	VVD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	1.74		NTU	0.500	0.110	1	04/06/22	04/06/22 15:49	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 13:45	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 13:45	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Benzene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 13:45	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL



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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

0B02 A

2040518-04 (Nonpotable Water)
Sample Date: 04/05/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 13:45	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 13:45	LL
Isobutanol	ND		ug/L	100	100	1	04/07/22	04/07/22 13:45	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 13:45	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 13:45	LL
Styrene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
1,1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Toluene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 13:45	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	101 %	04/07/22		04/07/22 13:45		
Surrogate: Toluene-d8			75-120	93 %	04/07/22		04/07/22 13:45		
Surrogate: 4-Bromofluorobenzene			75-120	91 %	04/07/22		04/07/22 13:45		

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

0B02 A

**2040518-04 (Nonpotable Water)
Sample Date: 04/05/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/12/22	04/13/22 05:10	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 05:10	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	537000		ug/L	500	500	1	04/12/22	04/12/22 20:53	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:53	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:53	VVD
Barium	476		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:53	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:53	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:53	VVD
Calcium	106000		ug/L	800	800	10	04/12/22	04/12/22 21:49	VVD
Chromium	2.98		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:53	VVD
Cobalt	1.51		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:53	VVD
Copper	3.85		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:53	VVD
Iron	501		ug/L	100	5.00	1	04/12/22	04/12/22 20:53	VVD
Lead	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:53	VVD
Magnesium	65700		ug/L	100	100	1	04/12/22	04/12/22 20:53	VVD
Manganese	51.4		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:53	VVD
Mercury	0.153		ug/L	0.100	0.100	1	04/12/22	04/12/22 20:53	VVD
Nickel	12.7		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:53	VVD
Potassium	6140		ug/L	100	100	1	04/12/22	04/12/22 20:53	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:53	VVD
Silver	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:53	VVD
Sodium	57700		ug/L	100	100	1	04/12/22	04/12/22 20:53	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:53	VVD
Vanadium	1.96		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:53	VVD
Zinc	6.68		ug/L	4.00	4.00	1	04/12/22	04/12/22 20:53	VVD



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

0B02 A

**2040518-04 (Nonpotable Water)
Sample Date: 04/05/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.02		mg/L	0.02	0.02	1	04/13/22	04/13/22 16:15	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	04/12/22	04/12/22 18:04	AD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	1501		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	416		mg/L	0.500	0.500	1	04/05/22	04/05/22 23:15	CRP
Nitrate	5.12		mg/L	0.050	0.050	1	04/05/22	04/05/22 23:15	CRP
Nitrate (as N)	1.16		mg/L	0.011	0.011	1	04/05/22	04/05/22 23:15	CRP
Sulfate	24.5		mg/L	0.3	0.3	1	04/05/22	04/05/22 23:15	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	29.4		mg/L	2.2	2.2	1	04/08/22	04/11/22 11:29	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	824		mg/L	10.0	10.0	1	04/11/22	04/12/22 19:14	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	56.2		mg/L	5.0	5.0	1	04/11/22	04/11/22 15:49	RP



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

0B02

2040518-05 (Nonpotable Water)
Sample Date: 04/05/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.45	O-07	pH Units			1	04/05/22	04/05/22 22:07	VVD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	4.64		NTU	0.500	0.110	1	04/06/22	04/06/22 15:51	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 14:09	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 14:09	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Benzene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 14:09	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

0B02

2040518-05 (Nonpotable Water)
Sample Date: 04/05/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 14:09	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 14:09	LL
Isobutanol	ND		ug/L	100	100	1	04/07/22	04/07/22 14:09	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 14:09	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 14:09	LL
Styrene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Toluene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:09	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	103 %	04/07/22		04/07/22 14:09		
Surrogate: Toluene-d8			75-120	95 %	04/07/22		04/07/22 14:09		
Surrogate: 4-Bromofluorobenzene			75-120	88 %	04/07/22		04/07/22 14:09		

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

0B02

2040518-05 (Nonpotable Water)
Sample Date: 04/05/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/12/22	04/13/22 05:25	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 05:25	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	241000		ug/L	500	500	1	04/12/22	04/12/22 20:55	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:55	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:55	VVD
Barium	185		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:55	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:55	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:55	VVD
Calcium	54000		ug/L	80.0	80.0	1	04/12/22	04/12/22 20:55	VVD
Chromium	1.12		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:55	VVD
Cobalt	5.80		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:55	VVD
Copper	3.94		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:55	VVD
Iron	929		ug/L	100	5.00	1	04/12/22	04/12/22 20:55	VVD
Lead	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:55	VVD
Magnesium	25800		ug/L	100	100	1	04/12/22	04/12/22 20:55	VVD
Manganese	1580		ug/L	10.0	10.0	10	04/12/22	04/12/22 21:52	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/12/22	04/12/22 20:55	VVD
Nickel	4.74		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:55	VVD
Potassium	5850		ug/L	100	100	1	04/12/22	04/12/22 20:55	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:55	VVD
Silver	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:55	VVD
Sodium	20900		ug/L	100	100	1	04/12/22	04/12/22 20:55	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:55	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/12/22	04/12/22 20:55	VVD
Zinc	ND		ug/L	4.00	4.00	1	04/12/22	04/12/22 20:55	VVD



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

0B02

2040518-05 (Nonpotable Water)
Sample Date: 04/05/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.03		mg/L	0.02	0.02	1	04/13/22	04/13/22 16:15	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	04/12/22	04/12/22 18:05	AD
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	656		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	143		mg/L	0.500	0.500	1	04/05/22	04/05/22 23:33	CRP
Nitrate	ND		mg/L	0.050	0.050	1	04/05/22	04/05/22 23:33	CRP
Nitrate (as N)	ND		mg/L	0.011	0.011	1	04/05/22	04/05/22 23:33	CRP
Sulfate	10.9		mg/L	0.3	0.3	1	04/05/22	04/05/22 23:33	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	8.6		mg/L	2.2	2.2	1	04/08/22	04/11/22 11:29	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	521		mg/L	10.0	10.0	1	04/11/22	04/12/22 19:14	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	89.3		mg/L	5.0	5.0	1	04/11/22	04/11/22 15:54	RP



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

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2040518-06 (Nonpotable Water)
Sample Date: 04/05/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 14:34	LL
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 14:34	LL
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Benzene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Bromoform	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Bromomethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 14:34	LL
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Chloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Chloroform	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Chloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Chloroprene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Dibromomethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

TRIP BLANK

2040518-06 (Nonpotable Water)
Sample Date: 04/05/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 14:34	LL
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
2-Hexanone	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 14:34	LL
Isobutanol	ND		ug/L	100	100	1	04/07/22	04/07/22 14:34	LL
Iodomethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 14:34	LL
Methylene chloride	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/07/22	04/07/22 14:34	LL
Styrene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Toluene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Trichloroethene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
o-Xylene	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/07/22	04/07/22 14:34	LL
Surrogate: 1,2-Dichloroethane-d4		70-130		103 %			04/07/22	04/07/22 14:34	
Surrogate: Toluene-d8		75-120		97 %			04/07/22	04/07/22 14:34	
Surrogate: 4-Bromofluorobenzene		75-120		96 %			04/07/22	04/07/22 14:34	

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

TRIP BLANK

2040518-06 (Nonpotable Water)
Sample Date: 04/05/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.048	0.048	1	04/12/22	04/13/22 05:40	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 05:40	EH



Rabecka Koons, Quality Assurance Officer

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1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/14/22 14:54

pH measurement by EPA 9040C / SM 4500-H+ B-2011 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204097 - pH (Paper or Meter)

Reference (B204097-SRM1)

Prepared & Analyzed: 04/05/22

pH	7.01			pH Units	7.003		100	99.93-100.07		
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1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/14/22 14:54

Turbidity by EPA 180.1 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204086 - Turbidity Prep

Blank (B204086-BLK1)

Prepared & Analyzed: 04/06/22

Turbidity	ND		0.500	NTU						
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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

Blank (B204102-BLK1)

Prepared & Analyzed: 04/06/22

Acetone	ND		5.0	ug/L						
Acrylonitrile	ND		5.0	ug/L						
Allyl chloride (3-Chloropropylene)	ND		1.0	ug/L						
Benzene	ND		1.0	ug/L						
Bromochloromethane	ND		1.0	ug/L						
Bromodichloromethane	ND		1.0	ug/L						
Bromoform	ND		1.0	ug/L						
Bromomethane	ND		1.0	ug/L						
2-Butanone (MEK)	ND		5.0	ug/L						
Carbon disulfide	ND		1.0	ug/L						
Carbon tetrachloride	ND		1.0	ug/L						
Chlorobenzene	ND		1.0	ug/L						
Chloroethane	ND		1.0	ug/L						
Chloroform	ND		1.0	ug/L						
Chloromethane	ND		1.0	ug/L						
Chloroprene	ND		1.0	ug/L						
Dibromochloromethane	ND		1.0	ug/L						
1,2-Dibromo-3-chloropropane	ND		1.0	ug/L						
1,2-Dibromoethane (EDB)	ND		1.0	ug/L						
Dibromomethane	ND		1.0	ug/L						
1,2-Dichlorobenzene	ND		1.0	ug/L						
1,4-Dichlorobenzene	ND		1.0	ug/L						
trans-1,4-Dichloro-2-butene	ND		1.0	ug/L						
1,1-Dichloroethane	ND		1.0	ug/L						
1,2-Dichloroethane	ND		1.0	ug/L						
1,1-Dichloroethene	ND		1.0	ug/L						
cis-1,2-Dichloroethene	ND		1.0	ug/L						
trans-1,2-Dichloroethene	ND		1.0	ug/L						
1,2-Dichloropropane	ND		1.0	ug/L						
1,3-Dichloropropane	ND		1.0	ug/L						
2,2-Dichloropropane	ND		1.0	ug/L						



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

Blank (B204102-BLK1)

Prepared & Analyzed: 04/06/22

1,1-Dichloropropene	ND		1.0	ug/L						
cis-1,3-Dichloropropene	ND		1.0	ug/L						
trans-1,3-Dichloropropene	ND		1.0	ug/L						
Ethyl methacrylate	ND		5.0	ug/L						
Ethylbenzene	ND		1.0	ug/L						
2-Hexanone	ND		5.0	ug/L						
Isobutanol	ND		100	ug/L						
Iodomethane	ND		1.0	ug/L						
Methyl tert-butyl ether (MTBE)	ND		1.0	ug/L						
4-Methyl-2-pentanone	ND		5.0	ug/L						
Methylene chloride	ND		1.0	ug/L						
Methyl methacrylate	ND		5.0	ug/L						
Styrene	ND		1.0	ug/L						
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L						
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L						
Tetrachloroethene	ND		1.0	ug/L						
Toluene	ND		1.0	ug/L						
1,1,1-Trichloroethane	ND		1.0	ug/L						
1,1,2-Trichloroethane	ND		1.0	ug/L						
Trichloroethene	ND		1.0	ug/L						
Trichlorofluoromethane (Freon 11)	ND		1.0	ug/L						
1,2,3-Trichloropropane	ND		1.0	ug/L						
Vinyl acetate	ND		1.0	ug/L						
Vinyl chloride	ND		1.0	ug/L						
o-Xylene	ND		1.0	ug/L						
m- & p-Xylenes	ND		1.0	ug/L						
Surrogate: 1,2-Dichloroethane-d4	50.17			ug/L	50.00		100	70-130		
Surrogate: Toluene-d8	48.64			ug/L	50.00		97	75-120		
Surrogate: 4-Bromofluorobenzene	47.72			ug/L	50.00		95	75-120		

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

LCS (B204102-BS1)

Prepared & Analyzed: 04/06/22

Acetone	9.3		5.0	ug/L	10.00		93	50-150		
Acrylonitrile	4.8	J	5.0	ug/L	5.000		95	50-150		
Benzene	5.3		1.0	ug/L	5.000		106	50-150		
Bromochloromethane	5.7		1.0	ug/L	5.000		114	50-150		
Bromodichloromethane	5.0		1.0	ug/L	5.000		100	50-150		
Bromoform	5.3		1.0	ug/L	5.000		106	50-150		
Bromomethane	6.3		1.0	ug/L	5.000		126	50-150		
2-Butanone (MEK)	8.5		5.0	ug/L	10.00		85	50-150		
Carbon disulfide	5.6		1.0	ug/L	5.000		111	50-150		
Carbon tetrachloride	5.2		1.0	ug/L	5.000		103	50-150		
Chlorobenzene	5.5		1.0	ug/L	5.000		110	50-150		
Chloroethane	5.1		1.0	ug/L	5.000		101	50-150		
Chloroform	5.2		1.0	ug/L	5.000		104	50-150		
Chloromethane	5.2		1.0	ug/L	5.000		104	50-150		
Dibromochloromethane	5.0		1.0	ug/L	5.000		100	50-150		
1,2-Dibromo-3-chloropropane	5.8		1.0	ug/L	5.000		115	50-150		
1,2-Dibromoethane (EDB)	5.0		1.0	ug/L	5.000		100	50-150		
Dibromomethane	5.5		1.0	ug/L	5.000		109	50-150		
1,2-Dichlorobenzene	5.6		1.0	ug/L	5.000		112	50-150		
1,4-Dichlorobenzene	5.9		1.0	ug/L	5.000		118	50-150		
1,1-Dichloroethane	5.0		1.0	ug/L	5.000		101	50-150		
1,2-Dichloroethane	4.7		1.0	ug/L	5.000		94	50-150		
1,1-Dichloroethene	5.5		1.0	ug/L	5.000		110	50-150		
cis-1,2-Dichloroethene	5.6		1.0	ug/L	5.000		112	50-150		
trans-1,2-Dichloroethene	5.6		1.0	ug/L	5.000		112	50-150		
1,2-Dichloropropane	4.9		1.0	ug/L	5.000		98	50-150		
1,3-Dichloropropane	4.7		1.0	ug/L	5.000		94	50-150		
2,2-Dichloropropane	5.2		1.0	ug/L	5.000		104	50-150		
1,1-Dichloropropene	5.1		1.0	ug/L	5.000		101	50-150		
cis-1,3-Dichloropropene	4.8		1.0	ug/L	5.000		97	50-150		
trans-1,3-Dichloropropene	4.6		1.0	ug/L	5.000		92	50-150		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

LCS (B204102-BS1)

Prepared & Analyzed: 04/06/22

Ethylbenzene	5.1		1.0	ug/L	5.000		103	50-150		
2-Hexanone	8.5		5.0	ug/L	10.00		85	50-150		
Methyl tert-butyl ether (MTBE)	4.7		1.0	ug/L	5.000		95	50-150		
4-Methyl-2-pentanone	8.6		5.0	ug/L	10.00		86	50-150		
Methylene chloride	5.7		1.0	ug/L	5.000		113	0-200		
Methyl methacrylate	4.6	J	5.0	ug/L	5.000		92	50-150		
Styrene	5.0		1.0	ug/L	5.000		99	50-150		
1,1,1,2-Tetrachloroethane	5.1		1.0	ug/L	5.000		101	50-150		
1,1,2,2-Tetrachloroethane	4.9		1.0	ug/L	5.000		98	50-150		
Tetrachloroethene	5.3		1.0	ug/L	5.000		106	50-150		
Toluene	5.1		1.0	ug/L	5.000		101	50-150		
1,1,1-Trichloroethane	4.9		1.0	ug/L	5.000		98	50-150		
1,1,2-Trichloroethane	4.8		1.0	ug/L	5.000		96	50-150		
Trichloroethene	5.4		1.0	ug/L	5.000		108	50-150		
Trichlorofluoromethane (Freon 11)	5.0		1.0	ug/L	5.000		100	50-150		
1,2,3-Trichloropropane	4.5		1.0	ug/L	5.000		90	50-150		
Vinyl acetate	3.6		1.0	ug/L	5.000		72	50-150		
Vinyl chloride	5.2		1.0	ug/L	5.000		104	50-150		
o-Xylene	5.2		1.0	ug/L	5.000		103	50-150		
m- & p-Xylenes	10.3		1.0	ug/L	10.00		103	50-150		
Surrogate: 1,2-Dichloroethane-d4	47.87			ug/L	50.00		96	70-130		
Surrogate: Toluene-d8	47.17			ug/L	50.00		94	75-120		
Surrogate: 4-Bromofluorobenzene	48.35			ug/L	50.00		97	75-120		

Duplicate (B204102-DUP1)

Source: 2033132-01

Prepared & Analyzed: 04/06/22

Acetone	ND		5.0	ug/L		ND				20
Acrylonitrile	ND		5.0	ug/L		ND				15
Allyl chloride (3-Chloropropylene)	ND		1.0	ug/L		ND				20
Benzene	ND		1.0	ug/L		ND				20
Bromochloromethane	ND		1.0	ug/L		ND				20
Bromodichloromethane	ND		1.0	ug/L		ND				20
Bromoform	ND		1.0	ug/L		ND				20

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Rabecka Koons

Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

Duplicate (B204102-DUP1)	Source: 2033132-01	Prepared & Analyzed: 04/06/22			
Bromomethane	ND	1.0 ug/L	ND	20	
2-Butanone (MEK)	ND	5.0 ug/L	ND	20	
Carbon disulfide	ND	1.0 ug/L	ND	20	
Carbon tetrachloride	ND	1.0 ug/L	ND	20	
Chlorobenzene	ND	1.0 ug/L	ND	20	
Chloroethane	ND	1.0 ug/L	ND	20	
Chloroform	ND	1.0 ug/L	ND	20	
Chloromethane	ND	1.0 ug/L	ND	20	
Chloroprene	ND	1.0 ug/L	ND	20	
Dibromochloromethane	ND	1.0 ug/L	ND	20	
1,2-Dibromo-3-chloropropane	ND	1.0 ug/L	ND	20	
1,2-Dibromoethane (EDB)	ND	1.0 ug/L	ND	20	
Dibromomethane	ND	1.0 ug/L	ND	20	
1,2-Dichlorobenzene	ND	1.0 ug/L	ND	20	
1,4-Dichlorobenzene	1.4	1.0 ug/L	1.4	3	20
trans-1,4-Dichloro-2-butene	ND	1.0 ug/L	ND	20	
1,1-Dichloroethane	10.6	1.0 ug/L	10.6	0	20
1,2-Dichloroethane	ND	1.0 ug/L	ND	20	
1,1-Dichloroethene	ND	1.0 ug/L	ND	20	
cis-1,2-Dichloroethene	35.4	1.0 ug/L	34.7	2	20
trans-1,2-Dichloroethene	1.2	1.0 ug/L	1.3	6	20
1,2-Dichloropropane	3.2	1.0 ug/L	3.2	0.3	20
1,3-Dichloropropane	ND	1.0 ug/L	ND	20	
2,2-Dichloropropane	ND	1.0 ug/L	ND	20	
1,1-Dichloropropene	ND	1.0 ug/L	ND	20	
cis-1,3-Dichloropropene	ND	1.0 ug/L	ND	20	
trans-1,3-Dichloropropene	ND	1.0 ug/L	ND	20	
Ethyl methacrylate	ND	5.0 ug/L	ND	20	
Ethylbenzene	ND	1.0 ug/L	ND	20	
2-Hexanone	ND	5.0 ug/L	ND	20	
Isobutanol	ND	100 ug/L	ND	20	

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

Duplicate (B204102-DUP1)		Source: 2033132-01			Prepared & Analyzed: 04/06/22		
Iodomethane	ND		1.0	ug/L	ND		20
Methyl tert-butyl ether (MTBE)	ND		1.0	ug/L	ND		20
4-Methyl-2-pentanone	ND		5.0	ug/L	ND		20
Methylene chloride	ND		1.0	ug/L	ND		20
Methyl methacrylate	ND		5.0	ug/L	ND		20
Styrene	ND		1.0	ug/L	ND		20
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	ND		20
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	ND		20
Tetrachloroethene	5.9		1.0	ug/L	6.2	5	20
Toluene	1.4		1.0	ug/L	1.5	4	20
1,1,1-Trichloroethane	ND		1.0	ug/L	ND		20
1,1,2-Trichloroethane	ND		1.0	ug/L	ND		20
Trichloroethene	21.1		1.0	ug/L	21.2	0.2	20
Trichlorofluoromethane (Freon 11)	ND		1.0	ug/L	ND		20
1,2,3-Trichloropropane	ND		1.0	ug/L	ND		20
Vinyl acetate	ND		1.0	ug/L	ND		20
Vinyl chloride	3.3		1.0	ug/L	3.2	5	20
o-Xylene	1.2		1.0	ug/L	1.3	5	20
m- & p-Xylenes	2.0		1.0	ug/L	2.2	6	20
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>49.97</i>		<i>ug/L</i>	<i>50.00</i>	<i>100</i>	<i>70-130</i>
<i>Surrogate: Toluene-d8</i>		<i>48.97</i>		<i>ug/L</i>	<i>50.00</i>	<i>98</i>	<i>75-120</i>
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>46.87</i>		<i>ug/L</i>	<i>50.00</i>	<i>94</i>	<i>75-120</i>

Matrix Spike (B204102-MS1)		Source: 2033132-02			Prepared & Analyzed: 04/06/22			
Acetone	10.1		5.0	ug/L	10.00	ND	101	60-120
Acrylonitrile	10.2		5.0	ug/L	10.00	ND	102	0-200
Benzene	11.9		1.0	ug/L	10.00	ND	119	60-120
Bromochloromethane	12.6		1.0	ug/L	10.00	ND	126	60-120
Bromodichloromethane	10.7		1.0	ug/L	10.00	ND	107	60-120
Bromoform	11.2		1.0	ug/L	10.00	ND	112	60-120
Bromomethane	11.3		1.0	ug/L	10.00	ND	113	60-120
2-Butanone (MEK)	8.8		5.0	ug/L	10.00	ND	88	60-120



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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

Matrix Spike (B204102-MS1)	Source: 2033132-02			Prepared & Analyzed: 04/06/22						
Carbon disulfide	11.7		1.0	ug/L	10.00	ND	117	60-120		
Carbon tetrachloride	11.2		1.0	ug/L	10.00	ND	112	60-120		
Chlorobenzene	12.1		1.0	ug/L	10.00	ND	121	60-120		
Chloroethane	11.2		1.0	ug/L	10.00	ND	112	60-120		
Chloroform	11.1		1.0	ug/L	10.00	ND	111	60-120		
Chloromethane	10.4		1.0	ug/L	10.00	ND	104	60-120		
Dibromochloromethane	11.0		1.0	ug/L	10.00	ND	110	60-120		
1,2-Dibromo-3-chloropropane	10.3		1.0	ug/L	10.00	ND	103	60-120		
1,2-Dibromoethane (EDB)	11.0		1.0	ug/L	10.00	ND	110	60-120		
Dibromomethane	11.3		1.0	ug/L	10.00	ND	113	60-120		
1,2-Dichlorobenzene	11.7		1.0	ug/L	10.00	ND	117	60-120		
1,4-Dichlorobenzene	12.2		1.0	ug/L	10.00	ND	122	60-120		
1,1-Dichloroethane	12.2		1.0	ug/L	10.00	1.3	109	60-120		
1,2-Dichloroethane	9.9		1.0	ug/L	10.00	ND	99	60-120		
1,1-Dichloroethene	12.0		1.0	ug/L	10.00	ND	120	60-120		
cis-1,2-Dichloroethene	16.4		1.0	ug/L	10.00	4.7	117	60-120		
trans-1,2-Dichloroethene	11.8		1.0	ug/L	10.00	ND	118	60-120		
1,2-Dichloropropane	11.1		1.0	ug/L	10.00	ND	111	60-120		
1,3-Dichloropropane	10.7		1.0	ug/L	10.00	ND	107	60-120		
2,2-Dichloropropane	9.5		1.0	ug/L	10.00	ND	95	60-120		
1,1-Dichloropropene	11.4		1.0	ug/L	10.00	ND	114	60-120		
cis-1,3-Dichloropropene	10.6		1.0	ug/L	10.00	ND	106	60-120		
trans-1,3-Dichloropropene	9.9		1.0	ug/L	10.00	ND	99	60-120		
Ethylbenzene	11.9		1.0	ug/L	10.00	ND	119	60-120		
2-Hexanone	9.0		5.0	ug/L	10.00	ND	90	60-120		
Methyl tert-butyl ether (MTBE)	10.0		1.0	ug/L	10.00	ND	100	60-120		
4-Methyl-2-pentanone	9.0		5.0	ug/L	10.00	ND	90	60-120		
Methylene chloride	11.0		1.0	ug/L	10.00	ND	110	60-120		
Methyl methacrylate	9.2		5.0	ug/L	10.00	ND	92	60-120		
Styrene	11.3		1.0	ug/L	10.00	ND	113	60-120		
1,1,1,2-Tetrachloroethane	11.0		1.0	ug/L	10.00	ND	110	60-120		

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204102 - GCMS-WATER-VOLATILES

Matrix Spike (B204102-MS1)	Source: 2033132-02	Prepared & Analyzed: 04/06/22
1,1,2,2-Tetrachloroethane	10.6	1.0 ug/L 10.00 ND 106 60-120
Tetrachloroethene	12.8	1.0 ug/L 10.00 ND 128 60-120
Toluene	11.8	1.0 ug/L 10.00 ND 118 60-120
1,1,1-Trichloroethane	10.9	1.0 ug/L 10.00 ND 109 60-120
1,1,2-Trichloroethane	11.5	1.0 ug/L 10.00 ND 115 60-120
Trichloroethene	14.5	1.0 ug/L 10.00 2.6 119 60-120
Trichlorofluoromethane (Freon 11)	11.1	1.0 ug/L 10.00 ND 111 60-120
1,2,3-Trichloropropane	10.6	1.0 ug/L 10.00 ND 106 60-120
Vinyl acetate	9.0	1.0 ug/L 10.00 ND 90 60-120
Vinyl chloride	11.6	1.0 ug/L 10.00 ND 116 60-120
o-Xylene	11.4	1.0 ug/L 10.00 ND 114 60-120
m- & p-Xylenes	23.9	1.0 ug/L 20.00 ND 120 60-120
Surrogate: 1,2-Dichloroethane-d4	46.15	ug/L 50.00 92 70-130
Surrogate: Toluene-d8	48.77	ug/L 50.00 98 75-120
Surrogate: 4-Bromofluorobenzene	49.47	ug/L 50.00 99 75-120

Batch B204132 - GCMS-WATER-VOLATILES

Blank (B204132-BLK1)	Prepared & Analyzed: 04/07/22
Acetone	ND 5.0 ug/L
Acrylonitrile	ND 5.0 ug/L
Allyl chloride (3-Chloropropylene)	ND 1.0 ug/L
Benzene	ND 1.0 ug/L
Bromochloromethane	ND 1.0 ug/L
Bromodichloromethane	ND 1.0 ug/L
Bromoform	ND 1.0 ug/L
Bromomethane	ND 1.0 ug/L
2-Butanone (MEK)	ND 5.0 ug/L
Carbon disulfide	ND 1.0 ug/L
Carbon tetrachloride	ND 1.0 ug/L
Chlorobenzene	ND 1.0 ug/L
Chloroethane	ND 1.0 ug/L



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
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Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204132 - GCMS-WATER-VOLATILES

Blank (B204132-BLK1)

Prepared & Analyzed: 04/07/22

Chloroform	ND		1.0	ug/L						
Chloromethane	ND		1.0	ug/L						
Chloroprene	ND		1.0	ug/L						
Dibromochloromethane	ND		1.0	ug/L						
1,2-Dibromo-3-chloropropane	ND		1.0	ug/L						
1,2-Dibromoethane (EDB)	ND		1.0	ug/L						
Dibromomethane	ND		1.0	ug/L						
1,2-Dichlorobenzene	ND		1.0	ug/L						
1,4-Dichlorobenzene	ND		1.0	ug/L						
trans-1,4-Dichloro-2-butene	ND		1.0	ug/L						
1,1-Dichloroethane	ND		1.0	ug/L						
1,2-Dichloroethane	ND		1.0	ug/L						
1,1-Dichloroethene	ND		1.0	ug/L						
cis-1,2-Dichloroethene	ND		1.0	ug/L						
trans-1,2-Dichloroethene	ND		1.0	ug/L						
1,2-Dichloropropane	ND		1.0	ug/L						
1,3-Dichloropropane	ND		1.0	ug/L						
2,2-Dichloropropane	ND		1.0	ug/L						
1,1-Dichloropropene	ND		1.0	ug/L						
cis-1,3-Dichloropropene	ND		1.0	ug/L						
trans-1,3-Dichloropropene	ND		1.0	ug/L						
Ethyl methacrylate	ND		5.0	ug/L						
Ethylbenzene	ND		1.0	ug/L						
2-Hexanone	ND		5.0	ug/L						
Isobutanol	ND		100	ug/L						
Iodomethane	ND		1.0	ug/L						
Methyl tert-butyl ether (MTBE)	ND		1.0	ug/L						
4-Methyl-2-pentanone	ND		5.0	ug/L						
Methylene chloride	ND		1.0	ug/L						
Methyl methacrylate	ND		5.0	ug/L						
Styrene	ND		1.0	ug/L						



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Project: GUDE LANDFILL

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Project Manager: Laura Oakes

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Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204132 - GCMS-WATER-VOLATILES

Blank (B204132-BLK1)

Prepared & Analyzed: 04/07/22

1,1,1,2-Tetrachloroethane	ND		1.0	ug/L						
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L						
Tetrachloroethene	ND		1.0	ug/L						
Toluene	ND		1.0	ug/L						
1,1,1-Trichloroethane	ND		1.0	ug/L						
1,1,2-Trichloroethane	ND		1.0	ug/L						
Trichloroethene	ND		1.0	ug/L						
Trichlorofluoromethane (Freon 11)	ND		1.0	ug/L						
1,2,3-Trichloropropane	ND		1.0	ug/L						
Vinyl acetate	ND		1.0	ug/L						
Vinyl chloride	ND		1.0	ug/L						
o-Xylene	ND		1.0	ug/L						
m- & p-Xylenes	ND		1.0	ug/L						
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>47.09</i>			<i>ug/L</i>	<i>50.00</i>		<i>94</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>	<i>48.14</i>			<i>ug/L</i>	<i>50.00</i>		<i>96</i>	<i>75-120</i>		
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>45.86</i>			<i>ug/L</i>	<i>50.00</i>		<i>92</i>	<i>75-120</i>		

LCS (B204132-BS1)

Prepared & Analyzed: 04/07/22

Acetone	9.6		5.0	ug/L	10.00		96	50-150		
Acrylonitrile	4.7	J	5.0	ug/L	5.000		94	50-150		
Benzene	5.3		1.0	ug/L	5.000		107	50-150		
Bromochloromethane	5.8		1.0	ug/L	5.000		115	50-150		
Bromodichloromethane	5.1		1.0	ug/L	5.000		101	50-150		
Bromoform	5.7		1.0	ug/L	5.000		115	50-150		
Bromomethane	5.7		1.0	ug/L	5.000		114	50-150		
2-Butanone (MEK)	9.1		5.0	ug/L	10.00		91	50-150		
Carbon disulfide	5.5		1.0	ug/L	5.000		110	50-150		
Carbon tetrachloride	4.9		1.0	ug/L	5.000		99	50-150		
Chlorobenzene	5.5		1.0	ug/L	5.000		110	50-150		
Chloroethane	5.1		1.0	ug/L	5.000		102	50-150		
Chloroform	5.3		1.0	ug/L	5.000		107	50-150		
Chloromethane	5.1		1.0	ug/L	5.000		103	50-150		

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204132 - GCMS-WATER-VOLATILES

LCS (B204132-BS1)

Prepared & Analyzed: 04/07/22

Dibromochloromethane	5.0		1.0	ug/L	5.000		101	50-150		
1,2-Dibromo-3-chloropropane	5.7		1.0	ug/L	5.000		114	50-150		
1,2-Dibromoethane (EDB)	5.2		1.0	ug/L	5.000		103	50-150		
Dibromomethane	5.5		1.0	ug/L	5.000		110	50-150		
1,2-Dichlorobenzene	5.5		1.0	ug/L	5.000		111	50-150		
1,4-Dichlorobenzene	6.0		1.0	ug/L	5.000		120	50-150		
1,1-Dichloroethane	5.2		1.0	ug/L	5.000		104	50-150		
1,2-Dichloroethane	4.7		1.0	ug/L	5.000		94	50-150		
1,1-Dichloroethene	5.5		1.0	ug/L	5.000		111	50-150		
cis-1,2-Dichloroethene	5.3		1.0	ug/L	5.000		107	50-150		
trans-1,2-Dichloroethene	5.5		1.0	ug/L	5.000		110	50-150		
1,2-Dichloropropane	4.9		1.0	ug/L	5.000		99	50-150		
1,3-Dichloropropane	4.9		1.0	ug/L	5.000		97	50-150		
2,2-Dichloropropane	5.2		1.0	ug/L	5.000		104	50-150		
1,1-Dichloropropene	5.1		1.0	ug/L	5.000		101	50-150		
cis-1,3-Dichloropropene	4.9		1.0	ug/L	5.000		98	50-150		
trans-1,3-Dichloropropene	4.7		1.0	ug/L	5.000		94	50-150		
Ethylbenzene	5.0		1.0	ug/L	5.000		101	50-150		
2-Hexanone	8.2		5.0	ug/L	10.00		82	50-150		
Methyl tert-butyl ether (MTBE)	4.9		1.0	ug/L	5.000		97	50-150		
4-Methyl-2-pentanone	8.7		5.0	ug/L	10.00		87	50-150		
Methylene chloride	5.8		1.0	ug/L	5.000		115	0-200		
Methyl methacrylate	4.3	J	5.0	ug/L	5.000		87	50-150		
Styrene	4.8		1.0	ug/L	5.000		96	50-150		
1,1,1,2-Tetrachloroethane	5.3		1.0	ug/L	5.000		107	50-150		
1,1,2,2-Tetrachloroethane	5.1		1.0	ug/L	5.000		102	50-150		
Tetrachloroethene	5.4		1.0	ug/L	5.000		107	50-150		
Toluene	5.2		1.0	ug/L	5.000		104	50-150		
1,1,1-Trichloroethane	4.7		1.0	ug/L	5.000		95	50-150		
1,1,2-Trichloroethane	5.1		1.0	ug/L	5.000		101	50-150		
Trichloroethene	5.3		1.0	ug/L	5.000		105	50-150		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204132 - GCMS-WATER-VOLATILES

LCS (B204132-BS1)

Prepared & Analyzed: 04/07/22

Trichlorofluoromethane (Freon 11)	5.1		1.0	ug/L	5.000		101	50-150		
1,2,3-Trichloropropane	5.0		1.0	ug/L	5.000		101	50-150		
Vinyl acetate	3.4		1.0	ug/L	5.000		68	50-150		
Vinyl chloride	5.2		1.0	ug/L	5.000		104	50-150		
o-Xylene	5.2		1.0	ug/L	5.000		103	50-150		
m- & p-Xylenes	10.5		1.0	ug/L	10.00		105	50-150		
Surrogate: 1,2-Dichloroethane-d4	47.98			ug/L	50.00		96	70-130		
Surrogate: Toluene-d8	47.62			ug/L	50.00		95	75-120		
Surrogate: 4-Bromofluorobenzene	49.45			ug/L	50.00		99	75-120		

Duplicate (B204132-DUP1)

Source: 2040518-02

Prepared & Analyzed: 04/07/22

Acetone	ND		5.0	ug/L		ND				20
Acrylonitrile	ND		5.0	ug/L		ND				15
Allyl chloride (3-Chloropropylene)	ND		1.0	ug/L		ND				20
Benzene	ND		1.0	ug/L		ND				20
Bromochloromethane	ND		1.0	ug/L		ND				20
Bromodichloromethane	ND		1.0	ug/L		ND				20
Bromoform	ND		1.0	ug/L		ND				20
Bromomethane	ND		1.0	ug/L		ND				20
2-Butanone (MEK)	ND		5.0	ug/L		ND				20
Carbon disulfide	ND		1.0	ug/L		ND				20
Carbon tetrachloride	ND		1.0	ug/L		ND				20
Chlorobenzene	1.6		1.0	ug/L		1.5			8	20
Chloroethane	ND		1.0	ug/L		ND				20
Chloroform	ND		1.0	ug/L		ND				20
Chloromethane	ND		1.0	ug/L		ND				20
Chloroprene	ND		1.0	ug/L		ND				20
Dibromochloromethane	ND		1.0	ug/L		ND				20
1,2-Dibromo-3-chloropropane	ND		1.0	ug/L		ND				20
1,2-Dibromoethane (EDB)	ND		1.0	ug/L		ND				20
Dibromomethane	ND		1.0	ug/L		ND				20
1,2-Dichlorobenzene	ND		1.0	ug/L		ND				20

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204132 - GCMS-WATER-VOLATILES

Duplicate (B204132-DUP1)	Source: 2040518-02			Prepared & Analyzed: 04/07/22						
1,4-Dichlorobenzene	1.5		1.0	ug/L		1.5			0	20
trans-1,4-Dichloro-2-butene	ND		1.0	ug/L		ND				20
1,1-Dichloroethane	ND		1.0	ug/L		ND				20
1,2-Dichloroethane	ND		1.0	ug/L		ND				20
1,1-Dichloroethene	ND		1.0	ug/L		ND				20
cis-1,2-Dichloroethene	2.4		1.0	ug/L		2.3			3	20
trans-1,2-Dichloroethene	ND		1.0	ug/L		ND				20
1,2-Dichloropropane	ND		1.0	ug/L		ND				20
1,3-Dichloropropane	ND		1.0	ug/L		ND				20
2,2-Dichloropropane	ND		1.0	ug/L		ND				20
1,1-Dichloropropene	ND		1.0	ug/L		ND				20
cis-1,3-Dichloropropene	ND		1.0	ug/L		ND				20
trans-1,3-Dichloropropene	ND		1.0	ug/L		ND				20
Ethyl methacrylate	ND		5.0	ug/L		ND				20
Ethylbenzene	ND		1.0	ug/L		ND				20
2-Hexanone	ND		5.0	ug/L		ND				20
Isobutanol	ND		100	ug/L		ND				20
Iodomethane	ND		1.0	ug/L		ND				20
Methyl tert-butyl ether (MTBE)	ND		1.0	ug/L		ND				20
4-Methyl-2-pentanone	ND		5.0	ug/L		ND				20
Methylene chloride	ND		1.0	ug/L		ND				20
Methyl methacrylate	ND		5.0	ug/L		ND				20
Styrene	ND		1.0	ug/L		ND				20
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L		ND				20
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L		ND				20
Tetrachloroethene	ND		1.0	ug/L		ND				20
Toluene	ND		1.0	ug/L		ND				20
1,1,1-Trichloroethane	ND		1.0	ug/L		ND				20
1,1,2-Trichloroethane	ND		1.0	ug/L		ND				20
Trichloroethene	ND		1.0	ug/L		ND				20
Trichlorofluoromethane (Freon 11)	ND		1.0	ug/L		ND				20



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204132 - GCMS-WATER-VOLATILES

Duplicate (B204132-DUP1)		Source: 2040518-02			Prepared & Analyzed: 04/07/22					
1,2,3-Trichloropropane	ND		1.0	ug/L		ND				20
Vinyl acetate	ND		1.0	ug/L		ND				20
Vinyl chloride	ND		1.0	ug/L		ND				20
o-Xylene	ND		1.0	ug/L		ND				20
m- & p-Xylenes	ND		1.0	ug/L		ND				20
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>47.31</i>			ug/L	<i>50.00</i>		<i>95</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>	<i>46.46</i>			ug/L	<i>50.00</i>		<i>93</i>	<i>75-120</i>		
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>46.15</i>			ug/L	<i>50.00</i>		<i>92</i>	<i>75-120</i>		

Matrix Spike (B204132-MS1)		Source: 2040518-03			Prepared & Analyzed: 04/07/22					
Acetone	8.6		5.0	ug/L	10.00	2.6	60	60-120		
Acrylonitrile	8.3		5.0	ug/L	10.00	ND	83	0-200		
Benzene	10.9		1.0	ug/L	10.00	1.6	94	60-120		
Bromochloromethane	10.0		1.0	ug/L	10.00	ND	100	60-120		
Bromodichloromethane	8.7		1.0	ug/L	10.00	ND	87	60-120		
Bromoform	8.8		1.0	ug/L	10.00	ND	88	60-120		
Bromomethane	9.5		1.0	ug/L	10.00	ND	95	60-120		
2-Butanone (MEK)	7.5		5.0	ug/L	10.00	ND	75	60-120		
Carbon disulfide	9.8		1.0	ug/L	10.00	ND	98	60-120		
Carbon tetrachloride	9.2		1.0	ug/L	10.00	ND	92	60-120		
Chlorobenzene	11.8		1.0	ug/L	10.00	2.4	94	60-120		
Chloroethane	10.7		1.0	ug/L	10.00	1.3	93	60-120		
Chloroform	9.2		1.0	ug/L	10.00	ND	92	60-120		
Chloromethane	8.9		1.0	ug/L	10.00	ND	89	60-120		
Dibromochloromethane	8.7		1.0	ug/L	10.00	ND	87	60-120		
1,2-Dibromo-3-chloropropane	8.7		1.0	ug/L	10.00	ND	87	60-120		
1,2-Dibromoethane (EDB)	8.7		1.0	ug/L	10.00	ND	87	60-120		
Dibromomethane	9.0		1.0	ug/L	10.00	ND	90	60-120		
1,2-Dichlorobenzene	10.5		1.0	ug/L	10.00	1.5	90	60-120		
1,4-Dichlorobenzene	25.3		1.0	ug/L	10.00	16.2	91	60-120		
1,1-Dichloroethane	24.6		1.0	ug/L	10.00	15.6	89	60-120		
1,2-Dichloroethane	10.1		1.0	ug/L	10.00	1.9	82	60-120		



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204132 - GCMS-WATER-VOLATILES

Matrix Spike (B204132-MS1)	Source: 2040518-03	Prepared & Analyzed: 04/07/22
1,1-Dichloroethene	9.8	1.0 ug/L 10.00 ND 98 60-120
cis-1,2-Dichloroethene	56.4	1.0 ug/L 10.00 47.4 90 60-120
trans-1,2-Dichloroethene	12.9	1.0 ug/L 10.00 3.7 92 60-120
1,2-Dichloropropane	12.3	1.0 ug/L 10.00 3.7 86 60-120
1,3-Dichloropropane	8.0	1.0 ug/L 10.00 ND 80 60-120
2,2-Dichloropropane	8.3	1.0 ug/L 10.00 ND 83 60-120
1,1-Dichloropropene	9.3	1.0 ug/L 10.00 ND 93 60-120
cis-1,3-Dichloropropene	7.8	1.0 ug/L 10.00 ND 78 60-120
trans-1,3-Dichloropropene	7.6	1.0 ug/L 10.00 ND 76 60-120
Ethylbenzene	8.9	1.0 ug/L 10.00 ND 89 60-120
2-Hexanone	6.1	5.0 ug/L 10.00 ND 61 60-120
Methyl tert-butyl ether (MTBE)	9.7	1.0 ug/L 10.00 1.8 79 60-120
4-Methyl-2-pentanone	6.8	5.0 ug/L 10.00 ND 68 60-120
Methylene chloride	9.2	1.0 ug/L 10.00 ND 92 60-120
Methyl methacrylate	7.2	5.0 ug/L 10.00 ND 72 60-120
Styrene	8.6	1.0 ug/L 10.00 ND 86 60-120
1,1,1,2-Tetrachloroethane	9.3	1.0 ug/L 10.00 ND 93 60-120
1,1,2,2-Tetrachloroethane	8.4	1.0 ug/L 10.00 ND 84 60-120
Tetrachloroethene	9.6	1.0 ug/L 10.00 ND 96 60-120
Toluene	8.9	1.0 ug/L 10.00 ND 89 60-120
1,1,1-Trichloroethane	9.0	1.0 ug/L 10.00 ND 90 60-120
1,1,2-Trichloroethane	8.7	1.0 ug/L 10.00 ND 87 60-120
Trichloroethene	10.6	1.0 ug/L 10.00 1.2 94 60-120
Trichlorofluoromethane (Freon 11)	10.5	1.0 ug/L 10.00 ND 105 60-120
1,2,3-Trichloropropane	8.3	1.0 ug/L 10.00 ND 83 60-120
Vinyl acetate	7.2	1.0 ug/L 10.00 ND 72 60-120
Vinyl chloride	17.1	1.0 ug/L 10.00 7.7 94 60-120
o-Xylene	8.9	1.0 ug/L 10.00 ND 89 60-120
m- & p-Xylenes	18.1	1.0 ug/L 20.00 ND 91 60-120
Surrogate: 1,2-Dichloroethane-d4	47.85	ug/L 50.00 96 70-130
Surrogate: Toluene-d8	46.31	ug/L 50.00 93 75-120

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Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204132 - GCMS-WATER-VOLATILES

Matrix Spike (B204132-MS1)

Source: 2040518-03

Prepared & Analyzed: 04/07/22

Surrogate: 4-Bromofluorobenzene	46.84			ug/L	50.00		94	75-120		
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Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

EDB and DBCP by EPA 8011 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204193 - 504.1 EDB/DBCP										
Blank (B204193-BLK1)					Prepared & Analyzed: 04/12/22					
1,2-Dibromo-3-chloropropane	ND		0.050	ug/L						
1,2-Dibromoethane (EDB)	ND		0.020	ug/L						
Blank (B204193-BLK2)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	ND		0.050	ug/L						
1,2-Dibromoethane (EDB)	ND		0.020	ug/L						
Blank (B204193-BLK3)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	ND		0.050	ug/L						
1,2-Dibromoethane (EDB)	ND		0.020	ug/L						
LCS (B204193-BS1)					Prepared & Analyzed: 04/12/22					
1,2-Dibromo-3-chloropropane	0.093		0.050	ug/L	0.1006		92	70-130		
1,2-Dibromoethane (EDB)	0.121		0.020	ug/L	0.1006		120	70-130		
LCS (B204193-BS2)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	0.093		0.050	ug/L	0.1006		93	70-130		
1,2-Dibromoethane (EDB)	0.118		0.020	ug/L	0.1006		117	70-130		
LCS (B204193-BS3)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	0.094		0.050	ug/L	0.1006		93	70-130		
1,2-Dibromoethane (EDB)	0.125		0.020	ug/L	0.1006		124	70-130		
Matrix Spike (B204193-MS1)			Source: 2040420-05			Prepared & Analyzed: 04/12/22				
1,2-Dibromo-3-chloropropane	0.170		0.048	ug/L	0.1918	ND	89	70-130		
1,2-Dibromoethane (EDB)	0.208		0.019	ug/L	0.1918	ND	109	70-130		
Matrix Spike (B204193-MS2)			Source: 2033038-05			Prepared: 04/12/22 Analyzed: 04/13/22				
1,2-Dibromo-3-chloropropane	0.175		0.047	ug/L	0.1908	ND	92	70-130		
1,2-Dibromoethane (EDB)	0.222		0.019	ug/L	0.1908	ND	116	70-130		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

EDB and DBCP by EPA 8011 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204193 - 504.1 EDB/DBCP

Matrix Spike (B204193-MS3)		Source: 2033132-05		Prepared: 04/12/22		Analyzed: 04/13/22	
1,2-Dibromo-3-chloropropane	0.183	0.047	ug/L	0.1898	ND	97	70-130
1,2-Dibromoethane (EDB)	0.218	0.019	ug/L	0.1898	ND	115	70-130
Reference (B204193-SRM1)				Prepared & Analyzed: 04/12/22			
1,2-Dibromo-3-chloropropane	0.016	0.050	ug/L	0.02011		80	50-150
1,2-Dibromoethane (EDB)	0.026	0.020	ug/L	0.02011		128	50-150
Reference (B204193-SRM2)				Prepared: 04/12/22		Analyzed: 04/13/22	
1,2-Dibromo-3-chloropropane	0.015	0.050	ug/L	0.02011		76	50-150
1,2-Dibromoethane (EDB)	0.023	0.020	ug/L	0.02011		115	50-150
Reference (B204193-SRM3)				Prepared: 04/12/22		Analyzed: 04/13/22	
1,2-Dibromo-3-chloropropane	0.018	0.050	ug/L	0.02011		89	50-150
1,2-Dibromoethane (EDB)	0.026	0.020	ug/L	0.02011		130	50-150



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204215 - 3010A-Metals Digestion

Blank (B204215-BLK1)

Prepared & Analyzed: 04/12/22

Hardness as CaCO3	ND		500	ug/L						
Antimony	ND		1.00	ug/L						
Arsenic	ND		1.00	ug/L						
Barium	ND		1.00	ug/L						
Beryllium	ND		1.00	ug/L						
Cadmium	ND		1.00	ug/L						
Calcium	ND		80.0	ug/L						
Chromium	ND		1.00	ug/L						
Cobalt	ND		1.00	ug/L						
Copper	ND		1.00	ug/L						
Iron	ND		100	ug/L						
Lead	ND		1.00	ug/L						
Magnesium	ND		100	ug/L						
Manganese	ND		1.00	ug/L						
Mercury	ND		0.100	ug/L						
Nickel	ND		1.00	ug/L						
Potassium	ND		100	ug/L						
Selenium	ND		1.00	ug/L						
Silver	ND		1.00	ug/L						
Sodium	ND		100	ug/L						
Thallium	ND		1.00	ug/L						
Vanadium	ND		1.00	ug/L						
Zinc	ND		4.00	ug/L						

LCS (B204215-BS1)

Prepared & Analyzed: 04/12/22

Antimony	49.2		1.00	ug/L	50.00		98	80-120		
Arsenic	49.7		1.00	ug/L	50.00		99	80-120		
Barium	51.0		1.00	ug/L	50.00		102	80-120		
Beryllium	50.8		1.00	ug/L	50.00		102	80-120		
Cadmium	51.2		1.00	ug/L	50.00		102	80-120		
Calcium	4830		80.0	ug/L	5000		97	80-120		
Chromium	52.0		1.00	ug/L	50.00		104	80-120		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204215 - 3010A-Metals Digestion

LCS (B204215-BS1)

Prepared & Analyzed: 04/12/22

Cobalt	51.9		1.00	ug/L	50.00		104	80-120		
Copper	52.1		1.00	ug/L	50.00		104	80-120		
Iron	5120		100	ug/L	5000		102	80-120		
Lead	50.4		1.00	ug/L	50.00		101	80-120		
Magnesium	5290		100	ug/L	5000		106	80-120		
Manganese	50.5		1.00	ug/L	50.00		101	80-120		
Mercury	2.65		0.100	ug/L	2.500		106	80-120		
Nickel	50.7		1.00	ug/L	50.00		101	80-120		
Potassium	5370		100	ug/L	5000		107	80-120		
Selenium	48.0		1.00	ug/L	50.00		96	80-120		
Silver	51.9		1.00	ug/L	50.00		104	80-120		
Sodium	5310		100	ug/L	5000		106	80-120		
Thallium	50.9		1.00	ug/L	50.00		102	80-120		
Vanadium	51.0		1.00	ug/L	50.00		102	80-120		
Zinc	96.5		4.00	ug/L	100.0		96	80-120		

Duplicate (B204215-DUP1)

Source: 2040518-01

Prepared & Analyzed: 04/12/22

Hardness as CaCO3	249000		500	ug/L		251000		0.8		200
Antimony	ND		1.00	ug/L		ND				200
Arsenic	ND		1.00	ug/L		ND				200
Barium	60.2		1.00	ug/L		59.9		0.5		200
Beryllium	ND		1.00	ug/L		ND				200
Cadmium	ND		1.00	ug/L		ND				200
Calcium	46100		80.0	ug/L		46400		0.6		200
Chromium	4.42		1.00	ug/L		4.44		0.5		200
Cobalt	ND		1.00	ug/L		ND				200
Copper	2.76		1.00	ug/L		2.71		2		200
Iron	358		100	ug/L		368		3		200
Lead	ND		1.00	ug/L		ND				200
Magnesium	32600		100	ug/L		32900		0.9		200
Manganese	7.95		1.00	ug/L		8.21		3		200
Mercury	ND		0.100	ug/L		ND				200

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204215 - 3010A-Metals Digestion

Duplicate (B204215-DUP1)	Source: 2040518-01			Prepared & Analyzed: 04/12/22						
Nickel	4.04		1.00	ug/L	50.00	ND	98	60-140	7	200
Potassium	8960		100	ug/L	5000	8940	100	60-140	0.2	200
Selenium	ND		1.00	ug/L	50.00	ND	103	60-140		200
Silver	ND		1.00	ug/L	50.00	ND	99	60-140		200
Sodium	63200		100	ug/L	5000	63800	80	60-140	1	200
Thallium	ND		1.00	ug/L	50.00	ND	102	60-140		200
Vanadium	1.70		1.00	ug/L	50.00	1.70	100	60-140	0.06	200
Zinc	ND		4.00	ug/L	100.0	ND	94	60-140		200

Matrix Spike (B204215-MS1)	Source: 2040518-01			Prepared & Analyzed: 04/12/22						
Antimony	49.2		1.00	ug/L	50.00	ND	98	60-140		
Arsenic	50.1		1.00	ug/L	50.00	ND	100	60-140		
Barium	110		1.00	ug/L	50.00	59.9	101	60-140		
Beryllium	51.4		1.00	ug/L	50.00	ND	103	60-140		
Cadmium	49.8		1.00	ug/L	50.00	ND	100	60-140		
Calcium	51300		80.0	ug/L	5000	46400	97	60-140		
Chromium	54.8		1.00	ug/L	50.00	4.44	101	60-140		
Cobalt	51.0		1.00	ug/L	50.00	ND	102	60-140		
Copper	52.5		1.00	ug/L	50.00	2.71	100	60-140		
Iron	5330		100	ug/L	5000	368	99	60-140		
Lead	50.5		1.00	ug/L	50.00	ND	101	60-140		
Magnesium	37300		100	ug/L	5000	32900	88	60-140		
Manganese	57.8		1.00	ug/L	50.00	8.21	99	60-140		
Mercury	2.67		0.100	ug/L	2.500	ND	107	60-140		
Nickel	52.3		1.00	ug/L	50.00	4.32	96	60-140		
Potassium	13900		100	ug/L	5000	8940	100	60-140		
Selenium	47.3		1.00	ug/L	50.00	ND	95	60-140		
Silver	49.3		1.00	ug/L	50.00	ND	99	60-140		
Sodium	67800		100	ug/L	5000	63800	80	60-140		
Thallium	50.8		1.00	ug/L	50.00	ND	102	60-140		
Vanadium	51.9		1.00	ug/L	50.00	1.70	100	60-140		
Zinc	94.4		4.00	ug/L	100.0	ND	94	60-140		

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Ammonia (as N) by EPA 350.1 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204251 - Ammonia Prep										
Blank (B204251-BLK1)					Prepared & Analyzed: 04/13/22					
Ammonia as N	ND		0.02	mg/L						
LCS (B204251-BS1)					Prepared & Analyzed: 04/13/22					
Ammonia as N	0.50		0.02	mg/L	0.5000		101	80-120		
Duplicate (B204251-DUP1)					Source: 2032816-01		Prepared & Analyzed: 04/13/22			
Ammonia as N	0.07		0.02	mg/L		0.08			14	200
Matrix Spike (B204251-MS1)					Source: 2032816-01		Prepared & Analyzed: 04/13/22			
Ammonia as N	0.55		0.02	mg/L	0.5000	0.08	94	80-120		
Batch B204252 - Ammonia Prep										
Blank (B204252-BLK1)					Prepared & Analyzed: 04/13/22					
Ammonia as N	ND		2.00	mg/L						
LCS (B204252-BS1)					Prepared & Analyzed: 04/13/22					
Ammonia as N	18.5		2.00	mg/L	20.00		93	80-120		
Duplicate (B204252-DUP1)					Source: 2033132-02		Prepared & Analyzed: 04/13/22			
Ammonia as N	4.95		2.00	mg/L		4.71			5	200
Matrix Spike (B204252-MS1)					Source: 2033132-02		Prepared & Analyzed: 04/13/22			
Ammonia as N	24.1		2.00	mg/L	20.00	4.71	97	80-120		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Chemical Oxygen Demand by EPA 410.4 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204217 - COD (03) Prep										
Blank (B204217-BLK1)					Prepared & Analyzed: 04/12/22					
COD	ND		3.0	mg/L						
LCS (B204217-BS1)					Prepared & Analyzed: 04/12/22					
COD	53.6		3.0	mg/L	50.00		107	90-110		
Duplicate (B204217-DUP1)					Source: 2040420-05		Prepared & Analyzed: 04/12/22			
COD	3.6		3.0	mg/L		3.1			16	20
Matrix Spike (B204217-MS1)					Source: 2040420-05		Prepared & Analyzed: 04/12/22			
COD	57.6		3.0	mg/L	50.00	3.1	109	90-110		

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Conductivity by SM2510 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204216 - Conductivity										
Duplicate (B204216-DUP1)			Source: 2040518-01			Prepared & Analyzed: 04/12/22				
Conductivity	806.9			uS/cm		813.5			0.8	20
Duplicate (B204216-DUP2)			Source: 2040625-06			Prepared & Analyzed: 04/12/22				
Conductivity	147.8			uS/cm		148.6			0.5	20
Duplicate (B204216-DUP3)			Source: 2040420-08			Prepared & Analyzed: 04/12/22				
Conductivity	1209			uS/cm		1216			0.6	20



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Anions by EPA 300.0 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204087 - 300.0 Anions Prep

Blank (B204087-BLK1)

Prepared & Analyzed: 04/05/22

Chloride	ND		0.500	mg/L						
Nitrate	ND		0.050	mg/L						
Nitrate (as N)	ND		0.011	mg/L						
Sulfate	ND		0.3	mg/L						

LCS (B204087-BS1)

Prepared & Analyzed: 04/05/22

Chloride	3.94		0.500	mg/L	4.000		99	90-110		
Nitrate	3.64		0.050	mg/L	4.000		91	90-110		
Nitrate (as N)	0.823		0.011	mg/L				90-110		
Sulfate	3.9		0.3	mg/L	4.000		97	90-110		

Duplicate (B204087-DUP1)

Source: 2040420-01

Prepared & Analyzed: 04/05/22

Chloride	102		0.500	mg/L		102			0.1	20
Nitrate	21.0		0.050	mg/L		21.0			0.2	200
Nitrate (as N)	4.75		0.011	mg/L		4.73			0.2	200
Sulfate	1.3		0.3	mg/L		1.2			2	20

Matrix Spike (B204087-MS1)

Source: 2040420-01

Prepared & Analyzed: 04/05/22

Chloride	101	QM-4X	0.500	mg/L	4.000	102	NR	80-120		
Nitrate	24.0	QM-4X	0.050	mg/L	4.000	21.0	76	80-120		
Nitrate (as N)	5.42		0.011	mg/L		4.73		80-120		
Sulfate	5.1		0.3	mg/L	4.000	1.2	95	80-120		

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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410-247-7600
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MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Total Suspended Solids by USGS I-3765-85 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204168 - TSS PREP										
Blank (B204168-BLK1)										
					Prepared: 04/08/22 Analyzed: 04/11/22					
Solids, Suspended	ND		2.5	mg/L						
LCS (B204168-BS1)										
					Prepared: 04/08/22 Analyzed: 04/11/22					
Solids, Suspended	55.8		2.5	mg/L	53.30		105	70-130		
Duplicate (B204168-DUP1)										
			Source: 2040525-01			Prepared: 04/08/22 Analyzed: 04/11/22				
Solids, Suspended	18.3		5.2	mg/L		18.9			3	20

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Total Dissolved Solids by SM 2540C - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204195 - TDS Prep										
Blank (B204195-BLK1)					Prepared: 04/11/22 Analyzed: 04/12/22					
Solids, Dissolved	ND		10.0	mg/L						
LCS (B204195-BS1)					Prepared: 04/11/22 Analyzed: 04/12/22					
Solids, Dissolved	711		10.0	mg/L	763.0		93	90-110		
Duplicate (B204195-DUP1)			Source: 2040518-01		Prepared: 04/11/22 Analyzed: 04/12/22					
Solids, Dissolved	444		10.0	mg/L		453			2	20

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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1500 Caton Center Dr Suite G
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 410-247-7600
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 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/14/22 14:54

SM 2320B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch 815097 - SM 2320B

BLANK (4474814)			Prepared & Analyzed: 04/11/22							
Alkalinity, Total as CaCO3	<5.0		5.0	mg/L				-		
LCS (4474815)			Prepared & Analyzed: 04/11/22							
Alkalinity, Total as CaCO3	102%		5.0	mg/L	250		102	90-110		
DUP (4474816)			Source: 2040518-01		Prepared & Analyzed: 04/11/22					
Alkalinity, Total as CaCO3	207		5.0	mg/L		205		-	1	20



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/14/22 14:54

Notes and Definitions

- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- O-07 This sample was received outside of the EPA recommended holding time.
- J Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag).
- RE Sample reanalyses are done at the laboratory's discretion as a mechanism to improve data quality. Any client requested reanalysis will be identified with a sample qualifier.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- %-Solids Percent Solids is a supportive test and as such does not require accreditation



Rabecka Koons, Quality Assurance Officer

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Company Name: EA Engineering		Project Manager: Laura Oakes		Analysis Requested										CHAIN-OF-CUSTODY RECORD		
Project Name: GUDE Landfill		Project ID: 155604		8260LL VOC and 8011* 6020 MDE Landfill List Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity Turbidity, pH Suspended Solids COD Ammonia-Nitrogen										Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 reporting@mdspectral.com		
Sampler(s): D. Kozlowski, R. Williams, J. Stith		P.O. Number: 19541												Matrix Codes: NW (non-potable water) PW (potable water)		
Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Preservative: 1 +1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID
MW-6	4/15/22	0935	X			10	X	X	X	X	X	X	X	HCl, H ₂ SO ₄ , HNO ₃		2040518-01
OD03A		1057														- 02
OB03		1225														- 03
OD02A		1343														- 04
OB02		1445														- 05
Trip Blank		-				2									Trip Blank	- 06
* Please analyze 2 VOCs (1,2-Dibromo-3-chloropropane and 1, 2 Dibromoethane) by method 8011 in addition to method 8260.																
Relinquished by: (Signature) Reid Williams		Date/Time 1615		Received by: (Signature)				Relinquished by: (Signature)				Date/Time		Received by: (Signature)		
(Printed) Reid Williams		4/15/22		(Printed)				(Printed)						(Printed)		
Relinquished by: (Signature)		Date/Time		Received by Lab: (Signature)				Turn Around Time:				Lab Use:				
(Printed)		16:19 4-5-22		Lori Foster				<input checked="" type="checkbox"/> Normal (7 day) <input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ <input type="checkbox"/> Specific Due Date: _____				Temp: _____ °C 3.3 <input checked="" type="checkbox"/> Received on Ice <input checked="" type="checkbox"/> Received same day <input type="checkbox"/> Preservation Appropriate				
Delivery Method:		Special Instructions/QC Requirements & Comments:														
<input type="checkbox"/> Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> USPS <input type="checkbox"/> Other: _____																
		Sample Disposal: <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for _____ days														

SUBCONTRACT ORDER
Maryland Spectral Services
2040518

WO#: 35708718



SENDING LABORATORY:

Maryland Spectral Services
1500 Caton Center Dr. Suite G
Halethorpe, MD 21227
Phone: 410.247.7600
Project Manager: Cory Koons
Reports Email: Reporting@mdspectral.com

RECEIVING LABORATORY:

Pace Labs-FL
8 East Tower Circle
Ormond Beach, FL 32174
Phone: (386) 672-5668
Fax:

Due 4:00 PM 04/14/22

Laboratory ID Comments

Sample ID: 2040518-01 MW-8 Water Sampled: 04/05/22 09:35

Alkalinity

Containers Supplied:
Plastic, 0.5L None (F)

Sample ID: 2040518-02 0B03 A Water Sampled: 04/05/22 10:53

Alkalinity

Containers Supplied:
Plastic, 0.5L None (F)

Sample ID: 2040518-03 0B03 Water Sampled: 04/05/22 12:25

Alkalinity

Containers Supplied:
Plastic, 0.5L None (F)

Sample ID: 2040518-04 0B02 A Water Sampled: 04/05/22 13:43

Alkalinity

Containers Supplied:
Plastic, 0.5L None (F)

Released By: *[Signature]* Date: 04/06/22
Received By: *[Signature]* Date: 04/06/22
Released By: *[Signature]* Date: 04/06/22
Received By: *[Signature]* Date: 04/06/22

SUBCONTRACT ORDER
Maryland Spectral Services
2040518

Due 4:00 PM 04/14/22

Laboratory ID

Comments

Sample ID: 2040518-05 0B02

Water Sampled: 04/05/22 14:45

Alkalinity

Containers Supplied:

Plastic, 0.5L None (F)

13:45

Received By: <i>[Signature]</i>	Received By: <i>[Signature]</i>	Received By: <i>[Signature]</i>	Received By: <i>[Signature]</i>
Date: 04/06/22	Date: 4-6-22	Date: 04/06/22	Date: 04/06/22
Time: 1715	Time: 1355	Time: 1117	Time: 1117

19 April 2022

Laura Oakes
EA Engineering
225 Schilling Circle, STE 400
Hunt Valley, MD 21031
RE: GUDE LANDFILL

Enclosed are the results of analyses for samples received by the laboratory on 04/06/22 18:08.

Please visit our website at www.mdspectral.com for a complete listing of our accreditations.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Rabecka Koons
Quality Assurance Officer

1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/19/22 16:34

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-15		2040625-01	Nonpotable Water	04/06/22 10:27	04/06/22 18:08
MW-9		2040625-02	Nonpotable Water	04/06/22 11:16	04/06/22 18:08
MW-12		2040625-03	Nonpotable Water	04/06/22 12:27	04/06/22 18:08
MW-10		2040625-04	Nonpotable Water	04/06/22 13:36	04/06/22 18:08
MW-11B		2040625-05	Nonpotable Water	04/06/22 14:36	04/06/22 18:08
MW-11A		2040625-06	Nonpotable Water	04/06/22 15:10	04/06/22 18:08
MW-14B		2040625-07	Nonpotable Water	04/06/22 16:05	04/06/22 18:08
MW-14A		2040625-08	Nonpotable Water	04/06/22 16:36	04/06/22 18:08
TRIP BLANK		2040625-09	Nonpotable Water	04/06/22 00:00	04/06/22 18:08



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-15

**2040625-01 (Nonpotable Water)
Sample Date: 04/06/22**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	5.67	O-07	pH Units			1	04/07/22	04/07/22 15:10	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	77.2		NTU	0.500	0.110	1	04/07/22	04/07/22 18:12	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 15:57	WB
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 15:57	WB
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
Benzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
Bromoform	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
Bromomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 15:57	WB
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
Chloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
Chloroform	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
Chloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
Chloroprene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
Dibromomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-15

2040625-01 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting	Detection	Dilution	Prepared	Analyzed	Analyst	
				Limit (MRL)	Limit (LOD)					
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)										
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 15:57	WB	
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
2-Hexanone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 15:57	WB	
Isobutanol	ND		ug/L	100	100	1	04/10/22	04/10/22 15:57	WB	
Iodomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 15:57	WB	
Methylene chloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 15:57	WB	
Styrene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
Toluene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
Trichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
o-Xylene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 15:57	WB	
Surrogate: 1,2-Dichloroethane-d4			70-130	101 %			04/10/22	04/10/22 15:57		
Surrogate: Toluene-d8			75-120	95 %			04/10/22	04/10/22 15:57		
Surrogate: 4-Bromofluorobenzene			75-120	91 %			04/10/22	04/10/22 15:57		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-15

2040625-01 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 02:09	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 02:09	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	75500		ug/L	500	500	1	04/14/22	04/15/22 14:22	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:22	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:22	VVD
Barium	76.6		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:22	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:22	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:22	VVD
Calcium	13800		ug/L	80.0	80.0	1	04/14/22	04/15/22 14:22	VVD
Chromium	4.43		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:22	VVD
Cobalt	2.18		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:22	VVD
Copper	9.32		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:22	VVD
Iron	1090		ug/L	100	5.00	1	04/14/22	04/15/22 14:22	VVD
Lead	1.13		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:22	VVD
Magnesium	9950		ug/L	100	100	1	04/14/22	04/15/22 14:22	VVD
Manganese	65.0		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:22	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/14/22	04/15/22 14:22	VVD
Nickel	5.84		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:22	VVD
Potassium	1680		ug/L	100	100	1	04/14/22	04/15/22 14:22	VVD
Selenium	1.09		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:22	VVD
Silver	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:22	VVD
Sodium	8760		ug/L	100	100	1	04/14/22	04/15/22 14:22	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:22	VVD
Vanadium	2.30		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:22	VVD
Zinc	10.4		ug/L	4.00	4.00	1	04/14/22	04/15/22 14:22	VVD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-15

2040625-01 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.07		mg/L	0.02	0.02	1	04/15/22	04/15/22 14:36	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	04/14/22	04/14/22 16:52	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	234.6		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	34.7		mg/L	0.500	0.500	1	04/07/22	04/08/22 01:40	CRP
Nitrate	20.7		mg/L	0.050	0.050	1	04/07/22	04/08/22 01:40	CRP
Nitrate (as N)	4.68		mg/L	0.011	0.011	1	04/07/22	04/08/22 01:40	CRP
Sulfate	6.4		mg/L	0.3	0.3	1	04/07/22	04/08/22 01:40	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	291		mg/L	16.7	16.7	1	04/12/22	04/13/22 12:59	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	117		mg/L	10.0	10.0	1	04/11/22	04/12/22 19:14	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	30.9		mg/L	5.0	5.0	1	04/12/22	04/12/22 19:39	RP



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-9

2040625-02 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	5.37	O-07	pH Units			1	04/07/22	04/07/22 15:10	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	38.8		NTU	0.500	0.110	1	04/07/22	04/07/22 18:13	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 16:22	WB
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 16:22	WB
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Benzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Bromoform	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Bromomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 16:22	WB
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Chloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Chloroform	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Chloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Chloroprene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Dibromomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB



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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-9

2040625-02 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 16:22	WB
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
2-Hexanone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 16:22	WB
Isobutanol	ND		ug/L	100	100	1	04/10/22	04/10/22 16:22	WB
Iodomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 16:22	WB
Methylene chloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 16:22	WB
Styrene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Tetrachloroethene	3.8		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Toluene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Trichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
o-Xylene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:22	WB
Surrogate: 1,2-Dichloroethane-d4			70-130	100 %			04/10/22	04/10/22 16:22	
Surrogate: Toluene-d8			75-120	95 %			04/10/22	04/10/22 16:22	
Surrogate: 4-Bromofluorobenzene			75-120	89 %			04/10/22	04/10/22 16:22	



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-9

2040625-02 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 02:24	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 02:24	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	39900		ug/L	500	500	1	04/14/22	04/15/22 14:24	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:24	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:24	VVD
Barium	44.7		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:24	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:24	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:24	VVD
Calcium	6910		ug/L	80.0	80.0	1	04/14/22	04/15/22 14:24	VVD
Chromium	5.42		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:24	VVD
Cobalt	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:24	VVD
Copper	2.07		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:24	VVD
Iron	278		ug/L	100	5.00	1	04/14/22	04/15/22 14:24	VVD
Lead	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:24	VVD
Magnesium	5510		ug/L	100	100	1	04/14/22	04/15/22 14:24	VVD
Manganese	81.5		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:24	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/14/22	04/15/22 14:24	VVD
Nickel	6.88		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:24	VVD
Potassium	848		ug/L	100	100	1	04/14/22	04/15/22 14:24	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:24	VVD
Silver	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:24	VVD
Sodium	3940		ug/L	100	100	1	04/14/22	04/15/22 14:24	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:24	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:24	VVD
Zinc	16.0		ug/L	4.00	4.00	1	04/14/22	04/15/22 14:24	VVD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-9

2040625-02 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.23		mg/L	0.02	0.02	1	04/15/22	04/15/22 14:37	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	04/14/22	04/14/22 16:52	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	131.1		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	22.1		mg/L	0.500	0.500	1	04/07/22	04/08/22 01:59	CRP
Nitrate	7.04		mg/L	0.050	0.050	1	04/07/22	04/08/22 01:59	CRP
Nitrate (as N)	1.59		mg/L	0.011	0.011	1	04/07/22	04/08/22 01:59	CRP
Sulfate	ND		mg/L	0.3	0.3	1	04/07/22	04/08/22 01:59	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	114		mg/L	11.9	11.9	1	04/12/22	04/13/22 12:59	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	85.5		mg/L	10.0	10.0	1	04/11/22	04/12/22 19:14	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	13.1		mg/L	5.0	5.0	1	04/12/22	04/12/22 19:49	RP



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-12

2040625-03 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	5.48	O-07	pH Units			1	04/07/22	04/07/22 15:10	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	26.0		NTU	0.500	0.110	1	04/07/22	04/07/22 18:15	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 16:47	WB
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 16:47	WB
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Benzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Bromoform	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Bromomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 16:47	WB
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Chloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Chloroform	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Chloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Chloroprene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Dibromomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-12

2040625-03 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 16:47	WB
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
2-Hexanone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 16:47	WB
Isobutanol	ND		ug/L	100	100	1	04/10/22	04/10/22 16:47	WB
Iodomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 16:47	WB
Methylene chloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 16:47	WB
Styrene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Toluene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Trichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
o-Xylene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 16:47	WB
Surrogate: 1,2-Dichloroethane-d4			70-130	99 %	04/10/22		04/10/22 16:47		
Surrogate: Toluene-d8			75-120	97 %	04/10/22		04/10/22 16:47		
Surrogate: 4-Bromofluorobenzene			75-120	91 %	04/10/22		04/10/22 16:47		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-12

2040625-03 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 02:39	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 02:39	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	48000		ug/L	500	500	1	04/14/22	04/15/22 14:27	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:27	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:27	VVD
Barium	102		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:27	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:27	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:27	VVD
Calcium	10200		ug/L	80.0	80.0	1	04/14/22	04/15/22 14:27	VVD
Chromium	3.06		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:27	VVD
Cobalt	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:27	VVD
Copper	1.48		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:27	VVD
Iron	354		ug/L	100	5.00	1	04/14/22	04/15/22 14:27	VVD
Lead	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:27	VVD
Magnesium	5490		ug/L	100	100	1	04/14/22	04/15/22 14:27	VVD
Manganese	39.7		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:27	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/14/22	04/15/22 14:27	VVD
Nickel	2.79		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:27	VVD
Potassium	1380		ug/L	100	100	1	04/14/22	04/15/22 14:27	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:27	VVD
Silver	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:27	VVD
Sodium	42000		ug/L	100	100	1	04/14/22	04/15/22 14:27	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:27	VVD
Vanadium	1.39		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:27	VVD
Zinc	5.28		ug/L	4.00	4.00	1	04/14/22	04/15/22 14:27	VVD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-12

2040625-03 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.13		mg/L	0.02	0.02	1	04/15/22	04/15/22 14:37	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	04/14/22	04/14/22 16:53	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	345.5		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	62.7		mg/L	0.500	0.500	1	04/07/22	04/08/22 02:17	CRP
Nitrate	9.29		mg/L	0.050	0.050	1	04/07/22	04/08/22 02:17	CRP
Nitrate (as N)	2.10		mg/L	0.011	0.011	1	04/07/22	04/08/22 02:17	CRP
Sulfate	30.7		mg/L	0.3	0.3	1	04/07/22	04/08/22 02:17	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	273		mg/L	10.0	10.0	1	04/12/22	04/13/22 12:59	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	194		mg/L	10.0	10.0	1	04/11/22	04/12/22 19:14	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	23.1		mg/L	5.0	5.0	1	04/12/22	04/12/22 19:54	RP



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-10

2040625-04 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.11	O-07	pH Units			1	04/07/22	04/07/22 15:10	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	134		NTU	5.00	1.10	10	04/07/22	04/07/22 18:57	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 17:12	WB
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 17:12	WB
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Benzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Bromoform	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Bromomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 17:12	WB
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Chloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Chloroform	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Chloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Chloroprene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Dibromomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-10

2040625-04 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 17:12	WB
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
2-Hexanone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 17:12	WB
Isobutanol	ND		ug/L	100	100	1	04/10/22	04/10/22 17:12	WB
Iodomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 17:12	WB
Methylene chloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 17:12	WB
Styrene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
1,1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Toluene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Trichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
o-Xylene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:12	WB
Surrogate: 1,2-Dichloroethane-d4			70-130	100 %	04/10/22		04/10/22 17:12		
Surrogate: Toluene-d8			75-120	96 %	04/10/22		04/10/22 17:12		
Surrogate: 4-Bromofluorobenzene			75-120	91 %	04/10/22		04/10/22 17:12		

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-10

2040625-04 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 02:54	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 02:54	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	35900		ug/L	500	500	1	04/14/22	04/15/22 14:34	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:34	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:34	VVD
Barium	54.1		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:34	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:34	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:34	VVD
Calcium	7120		ug/L	80.0	80.0	1	04/14/22	04/15/22 14:34	VVD
Chromium	2.21		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:34	VVD
Cobalt	1.39		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:34	VVD
Copper	11.3		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:34	VVD
Iron	1210		ug/L	100	5.00	1	04/14/22	04/15/22 14:34	VVD
Lead	1.92		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:34	VVD
Magnesium	4410		ug/L	100	100	1	04/14/22	04/15/22 14:34	VVD
Manganese	58.5		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:34	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/14/22	04/15/22 14:34	VVD
Nickel	3.65		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:34	VVD
Potassium	929		ug/L	100	100	1	04/14/22	04/15/22 14:34	VVD
Selenium	1.00		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:34	VVD
Silver	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:34	VVD
Sodium	4580		ug/L	100	100	1	04/14/22	04/15/22 14:34	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:34	VVD
Vanadium	5.63		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:34	VVD
Zinc	21.5		ug/L	4.00	4.00	1	04/14/22	04/15/22 14:34	VVD



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-10

2040625-04 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.11		mg/L	0.02	0.02	1	04/15/22	04/15/22 14:37	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	17.5		mg/L	3.0	3.0	1	04/14/22	04/14/22 16:53	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	91.7		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	0.549		mg/L	0.500	0.500	1	04/07/22	04/08/22 02:35	CRP
Nitrate	0.243		mg/L	0.050	0.050	1	04/07/22	04/08/22 02:35	CRP
Nitrate (as N)	0.055		mg/L	0.011	0.011	1	04/07/22	04/08/22 02:35	CRP
Sulfate	5.5		mg/L	0.3	0.3	1	04/07/22	04/08/22 02:35	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	322		mg/L	28.4	28.4	1	04/12/22	04/13/22 12:59	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	71.3		mg/L	10.0	10.0	1	04/11/22	04/12/22 19:14	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	42.0		mg/L	5.0	5.0	1	04/12/22	04/12/22 19:58	RP

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-11B

2040625-05 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	6.34	O-07	pH Units			1	04/07/22	04/07/22 15:10	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	40.7		NTU	0.500	0.110	1	04/07/22	04/07/22 18:19	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 17:37	WB
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 17:37	WB
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Benzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Bromoform	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Bromomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 17:37	WB
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Chloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Chloroform	1.0		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Chloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Chloroprene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Dibromomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
cis-1,2-Dichloroethene	8.2		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-11B

2040625-05 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 17:37	WB
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
2-Hexanone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 17:37	WB
Isobutanol	ND		ug/L	100	100	1	04/10/22	04/10/22 17:37	WB
Iodomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 17:37	WB
Methylene chloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 17:37	WB
Styrene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Tetrachloroethene	10.8		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Toluene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Trichloroethene	5.3		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
o-Xylene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 17:37	WB
Surrogate: 1,2-Dichloroethane-d4			70-130	100 %	04/10/22		04/10/22 17:37		
Surrogate: Toluene-d8			75-120	95 %	04/10/22		04/10/22 17:37		
Surrogate: 4-Bromofluorobenzene			75-120	90 %	04/10/22		04/10/22 17:37		

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-11B

2040625-05 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 03:09	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 03:09	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	96400		ug/L	500	500	1	04/14/22	04/15/22 14:36	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:36	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:36	VVD
Barium	47.3		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:36	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:36	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:36	VVD
Calcium	19500		ug/L	80.0	80.0	1	04/14/22	04/15/22 14:36	VVD
Chromium	3.82		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:36	VVD
Cobalt	4.43		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:36	VVD
Copper	5.10		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:36	VVD
Iron	2860		ug/L	100	5.00	1	04/14/22	04/15/22 14:36	VVD
Lead	1.18		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:36	VVD
Magnesium	11600		ug/L	100	100	1	04/14/22	04/15/22 14:36	VVD
Manganese	165		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:36	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/14/22	04/15/22 14:36	VVD
Nickel	5.56		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:36	VVD
Potassium	1270		ug/L	100	100	1	04/14/22	04/15/22 14:36	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:36	VVD
Silver	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:36	VVD
Sodium	9780		ug/L	100	100	1	04/14/22	04/15/22 14:36	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:36	VVD
Vanadium	10.1		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:36	VVD
Zinc	13.7		ug/L	4.00	4.00	1	04/14/22	04/15/22 14:36	VVD



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-11B

2040625-05 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.04		mg/L	0.02	0.02	1	04/15/22	04/15/22 14:38	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	04/14/22	04/14/22 16:54	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	248.1		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	23.6		mg/L	0.500	0.500	1	04/07/22	04/08/22 02:54	CRP
Nitrate	14.3		mg/L	0.050	0.050	1	04/07/22	04/08/22 02:54	CRP
Nitrate (as N)	3.23		mg/L	0.011	0.011	1	04/07/22	04/08/22 02:54	CRP
Sulfate	3.3		mg/L	0.3	0.3	1	04/07/22	04/08/22 02:54	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	220		mg/L	5.4	5.4	1	04/12/22	04/13/22 12:59	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	156		mg/L	10.0	10.0	1	04/11/22	04/12/22 19:14	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	71.4		mg/L	5.0	5.0	1	04/12/22	04/12/22 20:03	RP



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-11A

2040625-06 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	5.68	O-07	pH Units			1	04/07/22	04/07/22 15:10	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	78.0		NTU	2.50	0.550	5	04/07/22	04/07/22 18:59	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:02	WB
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:02	WB
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Benzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Bromoform	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Bromomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:02	WB
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Chloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Chloroform	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Chloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Chloroprene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Dibromomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-11A

2040625-06 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:02	WB
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
2-Hexanone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:02	WB
Isobutanol	ND		ug/L	100	100	1	04/10/22	04/10/22 18:02	WB
Iodomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:02	WB
Methylene chloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:02	WB
Styrene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Toluene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Trichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
o-Xylene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:02	WB
Surrogate: 1,2-Dichloroethane-d4			70-130	102 %	04/10/22		04/10/22 18:02		
Surrogate: Toluene-d8			75-120	95 %	04/10/22		04/10/22 18:02		
Surrogate: 4-Bromofluorobenzene			75-120	90 %	04/10/22		04/10/22 18:02		

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-11A

2040625-06 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 03:24	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 03:24	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	51100		ug/L	500	500	1	04/14/22	04/15/22 14:39	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:39	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:39	VVD
Barium	46.8		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:39	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:39	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:39	VVD
Calcium	11900		ug/L	80.0	80.0	1	04/14/22	04/15/22 14:39	VVD
Chromium	6.93		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:39	VVD
Cobalt	2.50		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:39	VVD
Copper	5.10		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:39	VVD
Iron	1220		ug/L	100	5.00	1	04/14/22	04/15/22 14:39	VVD
Lead	1.14		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:39	VVD
Magnesium	5180		ug/L	100	100	1	04/14/22	04/15/22 14:39	VVD
Manganese	52.9		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:39	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/14/22	04/15/22 14:39	VVD
Nickel	7.59		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:39	VVD
Potassium	748		ug/L	100	100	1	04/14/22	04/15/22 14:39	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:39	VVD
Silver	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:39	VVD
Sodium	4800		ug/L	100	100	1	04/14/22	04/15/22 14:39	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:39	VVD
Vanadium	3.66		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:39	VVD
Zinc	17.1		ug/L	4.00	4.00	1	04/14/22	04/15/22 14:39	VVD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-11A

2040625-06 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.06		mg/L	0.02	0.02	1	04/15/22	04/15/22 14:38	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	04/14/22	04/14/22 16:54	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	148.6		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	19.6		mg/L	0.500	0.500	1	04/07/22	04/08/22 03:12	CRP
Nitrate	7.42		mg/L	0.050	0.050	1	04/07/22	04/08/22 03:12	CRP
Nitrate (as N)	1.68		mg/L	0.011	0.011	1	04/07/22	04/08/22 03:12	CRP
Sulfate	5.7		mg/L	0.3	0.3	1	04/07/22	04/08/22 03:12	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	213		mg/L	11.9	11.9	1	04/12/22	04/13/22 12:59	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	121		mg/L	10.0	10.0	1	04/11/22	04/12/22 19:14	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	26.6		mg/L	5.0	5.0	1	04/12/22	04/12/22 20:08	RP



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-14B

2040625-07 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	5.87	O-07	pH Units			1	04/07/22	04/07/22 15:10	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	3.50		NTU	0.500	0.110	1	04/07/22	04/07/22 18:23	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:27	WB
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:27	WB
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Benzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Bromoform	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Bromomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:27	WB
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Chloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Chloroform	1.1		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Chloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Chloroprene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Dibromomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-14B

2040625-07 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:27	WB
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
2-Hexanone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:27	WB
Isobutanol	ND		ug/L	100	100	1	04/10/22	04/10/22 18:27	WB
Iodomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:27	WB
Methylene chloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:27	WB
Styrene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Toluene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Trichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
o-Xylene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:27	WB
Surrogate: 1,2-Dichloroethane-d4			70-130	103 %	04/10/22		04/10/22 18:27		
Surrogate: Toluene-d8			75-120	96 %	04/10/22		04/10/22 18:27		
Surrogate: 4-Bromofluorobenzene			75-120	89 %	04/10/22		04/10/22 18:27		

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-14B

2040625-07 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.046	0.046	1	04/12/22	04/13/22 03:39	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 03:39	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	64200		ug/L	500	500	1	04/14/22	04/15/22 14:41	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:41	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:41	VVD
Barium	16.4		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:41	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:41	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:41	VVD
Calcium	13800		ug/L	80.0	80.0	1	04/14/22	04/15/22 14:41	VVD
Chromium	1.64		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:41	VVD
Cobalt	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:41	VVD
Copper	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:41	VVD
Iron	120		ug/L	100	5.00	1	04/14/22	04/15/22 14:41	VVD
Lead	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:41	VVD
Magnesium	7240		ug/L	100	100	1	04/14/22	04/15/22 14:41	VVD
Manganese	14.6		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:41	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/14/22	04/15/22 14:41	VVD
Nickel	1.83		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:41	VVD
Potassium	1400		ug/L	100	100	1	04/14/22	04/15/22 14:41	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:41	VVD
Silver	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:41	VVD
Sodium	7800		ug/L	100	100	1	04/14/22	04/15/22 14:41	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:41	VVD
Vanadium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:41	VVD
Zinc	ND		ug/L	4.00	4.00	1	04/14/22	04/15/22 14:41	VVD



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-14B

2040625-07 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.04		mg/L	0.02	0.02	1	04/15/22	04/15/22 14:38	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	04/14/22	04/14/22 16:55	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	201		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	23.7		mg/L	0.500	0.500	1	04/07/22	04/08/22 03:31	CRP
Nitrate	21.7		mg/L	0.050	0.050	1	04/07/22	04/08/22 03:31	CRP
Nitrate (as N)	4.90		mg/L	0.011	0.011	1	04/07/22	04/08/22 03:31	CRP
Sulfate	4.8		mg/L	0.3	0.3	1	04/07/22	04/08/22 03:31	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	53.7		mg/L	3.6	3.6	1	04/12/22	04/13/22 12:59	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	139		mg/L	10.0	10.0	1	04/11/22	04/12/22 19:14	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	39.9		mg/L	5.0	5.0	1	04/12/22	04/12/22 20:13	RP



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-14A

2040625-08 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
pH measurement by EPA 9040C / SM 4500-H+ B-2011 Prepared by pH (Paper or Meter)									
pH	5.57	O-07	pH Units			1	04/07/22	04/07/22 15:10	AD
Turbidity by EPA 180.1 Prepared by Turbidity Prep									
Turbidity	324		NTU	5.00	1.10	10	04/07/22	04/07/22 19:05	AD
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:52	WB
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:52	WB
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Benzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Bromoform	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Bromomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:52	WB
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Chloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Chloroform	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Chloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Chloroprene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Dibromomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-14A

2040625-08 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:52	WB
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
2-Hexanone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:52	WB
Isobutanol	ND		ug/L	100	100	1	04/10/22	04/10/22 18:52	WB
Iodomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:52	WB
Methylene chloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 18:52	WB
Styrene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Toluene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Trichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
o-Xylene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 18:52	WB
Surrogate: 1,2-Dichloroethane-d4			70-130	103 %	04/10/22		04/10/22 18:52		
Surrogate: Toluene-d8			75-120	95 %	04/10/22		04/10/22 18:52		
Surrogate: 4-Bromofluorobenzene			75-120	90 %	04/10/22		04/10/22 18:52		

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

MW-14A

2040625-08 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 03:55	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 03:55	EH
Total Metals Analysis by EPA 6020B Prepared by 3010A-Metals Digestion									
Hardness as CaCO3	96900		ug/L	500	500	1	04/14/22	04/15/22 14:43	VVD
Antimony	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:43	VVD
Arsenic	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:43	VVD
Barium	219		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:43	VVD
Beryllium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:43	VVD
Cadmium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:43	VVD
Calcium	17400		ug/L	80.0	80.0	1	04/14/22	04/15/22 14:43	VVD
Chromium	11.3		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:43	VVD
Cobalt	9.57		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:43	VVD
Copper	27.9		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:43	VVD
Iron	3250		ug/L	100	5.00	1	04/14/22	04/15/22 14:43	VVD
Lead	1.77		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:43	VVD
Magnesium	13000		ug/L	100	100	1	04/14/22	04/15/22 14:43	VVD
Manganese	164		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:43	VVD
Mercury	ND		ug/L	0.100	0.100	1	04/14/22	04/15/22 14:43	VVD
Nickel	23.2		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:43	VVD
Potassium	2540		ug/L	100	100	1	04/14/22	04/15/22 14:43	VVD
Selenium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:43	VVD
Silver	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:43	VVD
Sodium	29400		ug/L	100	100	1	04/14/22	04/15/22 14:43	VVD
Thallium	ND		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:43	VVD
Vanadium	11.3		ug/L	1.00	1.00	1	04/14/22	04/15/22 14:43	VVD
Zinc	43.1		ug/L	4.00	4.00	1	04/14/22	04/15/22 14:43	VVD



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Project: GUDE LANDFILL

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04/19/22 16:34

MW-14A

2040625-08 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Ammonia (as N) by EPA 350.1 Prepared by Ammonia Prep									
Ammonia as N	0.10		mg/L	0.02	0.02	1	04/15/22	04/15/22 14:39	CRP
Chemical Oxygen Demand by EPA 410.4 Prepared by COD (03) Prep									
COD	ND		mg/L	3.0	3.0	1	04/14/22	04/14/22 16:56	CRP
Conductivity by SM2510 Prepared by Conductivity									
Conductivity	374.2		uS/cm			1	04/12/22	04/12/22 19:24	AD
Anions by EPA 300.0 Prepared by 300.0 Anions Prep									
Chloride	73.4		mg/L	0.500	0.500	1	04/07/22	04/08/22 03:49	CRP
Nitrate	11.3		mg/L	0.050	0.050	1	04/07/22	04/08/22 03:49	CRP
Nitrate (as N)	2.54		mg/L	0.011	0.011	1	04/07/22	04/08/22 03:49	CRP
Sulfate	22.8		mg/L	0.3	0.3	1	04/07/22	04/08/22 03:49	CRP
Total Suspended Solids by USGS I-3765-85 Prepared by TSS PREP									
Solids, Suspended	1340		mg/L	25.0	25.0	1	04/12/22	04/13/22 12:59	CRP
Total Dissolved Solids by SM 2540C Prepared by TDS Prep									
Solids, Dissolved	223		mg/L	10.0	10.0	1	04/11/22	04/12/22 19:14	AD
SM 2320B Performed at Pace Analytical Services, LLC - Ormond Beach Lab									
Alkalinity, Total as CaCO3	24.3		mg/L	5.0	5.0	1	04/12/22	04/12/22 20:17	RP



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

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2040625-09 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 19:16	WB
Acrylonitrile	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 19:16	WB
Allyl chloride (3-Chloropropylene)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Benzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Bromochloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Bromodichloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Bromoform	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Bromomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
2-Butanone (MEK)	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 19:16	WB
Carbon disulfide	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Carbon tetrachloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Chlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Chloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Chloroform	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Chloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Chloroprene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Dibromochloromethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
1,2-Dibromoethane (EDB)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Dibromomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
1,2-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
1,4-Dichlorobenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
1,1-Dichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
1,2-Dichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
1,1-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
cis-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
trans-1,2-Dichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
1,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
1,3-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
2,2-Dichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
1,1-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

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2040625-09 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
trans-1,3-Dichloropropene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Ethyl methacrylate	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 19:16	WB
Ethylbenzene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
2-Hexanone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 19:16	WB
Isobutanol	ND		ug/L	100	100	1	04/10/22	04/10/22 19:16	WB
Iodomethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
4-Methyl-2-pentanone	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 19:16	WB
Methylene chloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Methyl methacrylate	ND		ug/L	5.0	5.0	1	04/10/22	04/10/22 19:16	WB
Styrene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Tetrachloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Toluene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
1,1,1-Trichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
1,1,2-Trichloroethane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Trichloroethene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
1,2,3-Trichloropropane	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Vinyl acetate	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Vinyl chloride	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
o-Xylene	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
m- & p-Xylenes	ND		ug/L	1.0	1.0	1	04/10/22	04/10/22 19:16	WB
Surrogate: 1,2-Dichloroethane-d4				70-130	100 %		04/10/22	04/10/22 19:16	
Surrogate: Toluene-d8				75-120	93 %		04/10/22	04/10/22 19:16	
Surrogate: 4-Bromofluorobenzene				75-120	89 %		04/10/22	04/10/22 19:16	

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/19/22 16:34

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2040625-09 (Nonpotable Water)
Sample Date: 04/06/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
EDB and DBCP by EPA 8011 Prepared by 504.1 EDB/DBCP									
1,2-Dibromo-3-chloropropane	ND		ug/L	0.047	0.047	1	04/12/22	04/13/22 04:10	EH
1,2-Dibromoethane (EDB)	ND		ug/L	0.019	0.019	1	04/12/22	04/13/22 04:10	EH



Rabecka Koons, Quality Assurance Officer

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1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/19/22 16:34

pH measurement by EPA 9040C / SM 4500-H+ B-2011 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204142 - pH (Paper or Meter)

Reference (B204142-SRM1)

Prepared & Analyzed: 04/07/22

pH	7.01			pH Units	7.003		100	99.93-100.07		
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Rabecka Koons, Quality Assurance Officer

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 410-247-7600
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 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/19/22 16:34

Turbidity by EPA 180.1 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204147 - Turbidity Prep

Blank (B204147-BLK1)

Prepared & Analyzed: 04/07/22

Turbidity	ND		0.500	NTU						
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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204175 - GCMS-WATER-VOLATILES

Blank (B204175-BLK1)

Prepared & Analyzed: 04/10/22

Acetone	ND		5.0	ug/L						
Acrylonitrile	ND		5.0	ug/L						
Allyl chloride (3-Chloropropylene)	ND		1.0	ug/L						
Benzene	ND		1.0	ug/L						
Bromochloromethane	ND		1.0	ug/L						
Bromodichloromethane	ND		1.0	ug/L						
Bromoform	ND		1.0	ug/L						
Bromomethane	ND		1.0	ug/L						
2-Butanone (MEK)	ND		5.0	ug/L						
Carbon disulfide	ND		1.0	ug/L						
Carbon tetrachloride	ND		1.0	ug/L						
Chlorobenzene	ND		1.0	ug/L						
Chloroethane	ND		1.0	ug/L						
Chloroform	ND		1.0	ug/L						
Chloromethane	ND		1.0	ug/L						
Chloroprene	ND		1.0	ug/L						
Dibromochloromethane	ND		1.0	ug/L						
1,2-Dibromo-3-chloropropane	ND		1.0	ug/L						
1,2-Dibromoethane (EDB)	ND		1.0	ug/L						
Dibromomethane	ND		1.0	ug/L						
1,2-Dichlorobenzene	ND		1.0	ug/L						
1,4-Dichlorobenzene	ND		1.0	ug/L						
trans-1,4-Dichloro-2-butene	ND		1.0	ug/L						
1,1-Dichloroethane	ND		1.0	ug/L						
1,2-Dichloroethane	ND		1.0	ug/L						
1,1-Dichloroethene	ND		1.0	ug/L						
cis-1,2-Dichloroethene	ND		1.0	ug/L						
trans-1,2-Dichloroethene	ND		1.0	ug/L						
1,2-Dichloropropane	ND		1.0	ug/L						
1,3-Dichloropropane	ND		1.0	ug/L						
2,2-Dichloropropane	ND		1.0	ug/L						



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204175 - GCMS-WATER-VOLATILES

Blank (B204175-BLK1)

Prepared & Analyzed: 04/10/22

1,1-Dichloropropene	ND		1.0	ug/L						
cis-1,3-Dichloropropene	ND		1.0	ug/L						
trans-1,3-Dichloropropene	ND		1.0	ug/L						
Ethyl methacrylate	ND		5.0	ug/L						
Ethylbenzene	ND		1.0	ug/L						
2-Hexanone	ND		5.0	ug/L						
Isobutanol	ND		100	ug/L						
Iodomethane	ND		1.0	ug/L						
Methyl tert-butyl ether (MTBE)	ND		1.0	ug/L						
4-Methyl-2-pentanone	ND		5.0	ug/L						
Methylene chloride	ND		1.0	ug/L						
Methyl methacrylate	ND		5.0	ug/L						
Styrene	ND		1.0	ug/L						
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L						
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L						
Tetrachloroethene	ND		1.0	ug/L						
Toluene	ND		1.0	ug/L						
1,1,1-Trichloroethane	ND		1.0	ug/L						
1,1,2-Trichloroethane	ND		1.0	ug/L						
Trichloroethene	ND		1.0	ug/L						
Trichlorofluoromethane (Freon 11)	ND		1.0	ug/L						
1,2,3-Trichloropropane	ND		1.0	ug/L						
Vinyl acetate	ND		1.0	ug/L						
Vinyl chloride	ND		1.0	ug/L						
o-Xylene	ND		1.0	ug/L						
m- & p-Xylenes	ND		1.0	ug/L						
Surrogate: 1,2-Dichloroethane-d4	46.01			ug/L	50.00		92	70-130		
Surrogate: Toluene-d8	47.61			ug/L	50.00		95	75-120		
Surrogate: 4-Bromofluorobenzene	44.23			ug/L	50.00		88	75-120		

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204175 - GCMS-WATER-VOLATILES

LCS (B204175-BS1)

Prepared & Analyzed: 04/10/22

Acetone	12.0		5.0	ug/L	10.00		120	50-150		
Acrylonitrile	4.9	J	5.0	ug/L	5.000		98	50-150		
Benzene	5.5		1.0	ug/L	5.000		111	50-150		
Bromochloromethane	6.4		1.0	ug/L	5.000		128	50-150		
Bromodichloromethane	4.9		1.0	ug/L	5.000		98	50-150		
Bromoform	6.1		1.0	ug/L	5.000		122	50-150		
Bromomethane	6.6		1.0	ug/L	5.000		132	50-150		
2-Butanone (MEK)	8.0		5.0	ug/L	10.00		80	50-150		
Carbon disulfide	6.2		1.0	ug/L	5.000		125	50-150		
Carbon tetrachloride	5.6		1.0	ug/L	5.000		111	50-150		
Chlorobenzene	6.1		1.0	ug/L	5.000		123	50-150		
Chloroethane	5.6		1.0	ug/L	5.000		113	50-150		
Chloroform	5.4		1.0	ug/L	5.000		109	50-150		
Chloromethane	5.9		1.0	ug/L	5.000		117	50-150		
Dibromochloromethane	5.8		1.0	ug/L	5.000		116	50-150		
1,2-Dibromo-3-chloropropane	6.9		1.0	ug/L	5.000		137	50-150		
1,2-Dibromoethane (EDB)	5.5		1.0	ug/L	5.000		110	50-150		
Dibromomethane	5.8		1.0	ug/L	5.000		116	50-150		
1,2-Dichlorobenzene	6.2		1.0	ug/L	5.000		123	50-150		
1,4-Dichlorobenzene	6.5		1.0	ug/L	5.000		130	50-150		
1,1-Dichloroethane	5.5		1.0	ug/L	5.000		111	50-150		
1,2-Dichloroethane	4.5		1.0	ug/L	5.000		89	50-150		
1,1-Dichloroethene	6.4		1.0	ug/L	5.000		127	50-150		
cis-1,2-Dichloroethene	6.0		1.0	ug/L	5.000		119	50-150		
trans-1,2-Dichloroethene	6.4		1.0	ug/L	5.000		128	50-150		
1,2-Dichloropropane	4.9		1.0	ug/L	5.000		99	50-150		
1,3-Dichloropropane	5.0		1.0	ug/L	5.000		100	50-150		
2,2-Dichloropropane	5.5		1.0	ug/L	5.000		110	50-150		
1,1-Dichloropropene	5.4		1.0	ug/L	5.000		107	50-150		
cis-1,3-Dichloropropene	4.9		1.0	ug/L	5.000		98	50-150		
trans-1,3-Dichloropropene	4.7		1.0	ug/L	5.000		95	50-150		

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204175 - GCMS-WATER-VOLATILES

LCS (B204175-BS1)

Prepared & Analyzed: 04/10/22

Ethylbenzene	5.6		1.0	ug/L	5.000		113	50-150		
2-Hexanone	8.4		5.0	ug/L	10.00		84	50-150		
Methyl tert-butyl ether (MTBE)	5.3		1.0	ug/L	5.000		106	50-150		
4-Methyl-2-pentanone	8.2		5.0	ug/L	10.00		82	50-150		
Methylene chloride	6.3		1.0	ug/L	5.000		126	0-200		
Methyl methacrylate	4.0	J	5.0	ug/L	5.000		80	50-150		
Styrene	5.2		1.0	ug/L	5.000		104	50-150		
1,1,1,2-Tetrachloroethane	5.9		1.0	ug/L	5.000		118	50-150		
1,1,2,2-Tetrachloroethane	5.5		1.0	ug/L	5.000		110	50-150		
Tetrachloroethene	6.3		1.0	ug/L	5.000		126	50-150		
Toluene	5.8		1.0	ug/L	5.000		116	50-150		
1,1,1-Trichloroethane	5.5		1.0	ug/L	5.000		110	50-150		
1,1,2-Trichloroethane	5.5		1.0	ug/L	5.000		110	50-150		
Trichloroethene	6.3		1.0	ug/L	5.000		127	50-150		
Trichlorofluoromethane (Freon 11)	5.7		1.0	ug/L	5.000		113	50-150		
1,2,3-Trichloropropane	4.9		1.0	ug/L	5.000		99	50-150		
Vinyl acetate	3.8		1.0	ug/L	5.000		76	50-150		
Vinyl chloride	5.9		1.0	ug/L	5.000		117	50-150		
o-Xylene	5.6		1.0	ug/L	5.000		113	50-150		
m- & p-Xylenes	11.4		1.0	ug/L	10.00		114	50-150		
Surrogate: 1,2-Dichloroethane-d4	42.61			ug/L	50.00		85	70-130		
Surrogate: Toluene-d8	47.00			ug/L	50.00		94	75-120		
Surrogate: 4-Bromofluorobenzene	47.91			ug/L	50.00		96	75-120		

Duplicate (B204175-DUP1)

Source: 2040619-01

Prepared & Analyzed: 04/10/22

Acetone	ND		5.0	ug/L		ND				20
Acrylonitrile	ND		5.0	ug/L		ND				15
Allyl chloride (3-Chloropropylene)	ND		1.0	ug/L		ND				20
Benzene	ND		1.0	ug/L		ND				20
Bromochloromethane	ND		1.0	ug/L		ND				20
Bromodichloromethane	ND		1.0	ug/L		ND				20
Bromoform	ND		1.0	ug/L		ND				20

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204175 - GCMS-WATER-VOLATILES

Duplicate (B204175-DUP1)	Source: 2040619-01	Prepared & Analyzed: 04/10/22		
Bromomethane	ND	1.0 ug/L	ND	20
2-Butanone (MEK)	ND	5.0 ug/L	ND	20
Carbon disulfide	ND	1.0 ug/L	ND	20
Carbon tetrachloride	ND	1.0 ug/L	ND	20
Chlorobenzene	ND	1.0 ug/L	ND	20
Chloroethane	ND	1.0 ug/L	ND	20
Chloroform	ND	1.0 ug/L	ND	20
Chloromethane	ND	1.0 ug/L	ND	20
Chloroprene	ND	1.0 ug/L	ND	20
Dibromochloromethane	ND	1.0 ug/L	ND	20
1,2-Dibromo-3-chloropropane	ND	1.0 ug/L	ND	20
1,2-Dibromoethane (EDB)	ND	1.0 ug/L	ND	20
Dibromomethane	ND	1.0 ug/L	ND	20
1,2-Dichlorobenzene	ND	1.0 ug/L	ND	20
1,4-Dichlorobenzene	ND	1.0 ug/L	ND	20
trans-1,4-Dichloro-2-butene	ND	1.0 ug/L	ND	20
1,1-Dichloroethane	ND	1.0 ug/L	ND	20
1,2-Dichloroethane	ND	1.0 ug/L	ND	20
1,1-Dichloroethene	ND	1.0 ug/L	ND	20
cis-1,2-Dichloroethene	ND	1.0 ug/L	ND	20
trans-1,2-Dichloroethene	ND	1.0 ug/L	ND	20
1,2-Dichloropropane	ND	1.0 ug/L	ND	20
1,3-Dichloropropane	ND	1.0 ug/L	ND	20
2,2-Dichloropropane	ND	1.0 ug/L	ND	20
1,1-Dichloropropene	ND	1.0 ug/L	ND	20
cis-1,3-Dichloropropene	ND	1.0 ug/L	ND	20
trans-1,3-Dichloropropene	ND	1.0 ug/L	ND	20
Ethyl methacrylate	ND	5.0 ug/L	ND	20
Ethylbenzene	ND	1.0 ug/L	ND	20
2-Hexanone	ND	5.0 ug/L	ND	20
Isobutanol	ND	100 ug/L	ND	20



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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204175 - GCMS-WATER-VOLATILES

Duplicate (B204175-DUP1)		Source: 2040619-01			Prepared & Analyzed: 04/10/22		
Iodomethane	ND		1.0	ug/L	ND		20
Methyl tert-butyl ether (MTBE)	ND		1.0	ug/L	ND		20
4-Methyl-2-pentanone	ND		5.0	ug/L	ND		20
Methylene chloride	ND		1.0	ug/L	ND		20
Methyl methacrylate	ND		5.0	ug/L	ND		20
Styrene	ND		1.0	ug/L	ND		20
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	ND		20
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	ND		20
Tetrachloroethene	ND		1.0	ug/L	ND		20
Toluene	ND		1.0	ug/L	ND		20
1,1,1-Trichloroethane	ND		1.0	ug/L	ND		20
1,1,2-Trichloroethane	ND		1.0	ug/L	ND		20
Trichloroethene	ND		1.0	ug/L	ND		20
Trichlorofluoromethane (Freon 11)	ND		1.0	ug/L	ND		20
1,2,3-Trichloropropane	ND		1.0	ug/L	ND		20
Vinyl acetate	ND		1.0	ug/L	ND		20
Vinyl chloride	ND		1.0	ug/L	ND		20
o-Xylene	ND		1.0	ug/L	ND		20
m- & p-Xylenes	ND		1.0	ug/L	ND		20
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.55			ug/L	50.00	101	70-130
<i>Surrogate: Toluene-d8</i>	47.20			ug/L	50.00	94	75-120
<i>Surrogate: 4-Bromofluorobenzene</i>	44.96			ug/L	50.00	90	75-120

Matrix Spike (B204175-MS1)		Source: 2040619-02			Prepared & Analyzed: 04/10/22			
Acetone	13.2		5.0	ug/L	10.00	3.7	95	60-120
Acrylonitrile	8.7		5.0	ug/L	10.00	ND	87	0-200
Benzene	11.7		1.0	ug/L	10.00	1.5	103	60-120
Bromochloromethane	10.8		1.0	ug/L	10.00	ND	108	60-120
Bromodichloromethane	9.3		1.0	ug/L	10.00	ND	93	60-120
Bromoform	10.0		1.0	ug/L	10.00	ND	100	60-120
Bromomethane	9.6		1.0	ug/L	10.00	ND	96	60-120
2-Butanone (MEK)	7.8		5.0	ug/L	10.00	ND	78	60-120



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204175 - GCMS-WATER-VOLATILES

Matrix Spike (B204175-MS1)	Source: 2040619-02			Prepared & Analyzed: 04/10/22						
Carbon disulfide	10.2		1.0	ug/L	10.00	ND	102	60-120		
Carbon tetrachloride	9.7		1.0	ug/L	10.00	ND	97	60-120		
Chlorobenzene	11.7		1.0	ug/L	10.00	1.7	100	60-120		
Chloroethane	10.0		1.0	ug/L	10.00	0.5	94	60-120		
Chloroform	9.4		1.0	ug/L	10.00	ND	94	60-120		
Chloromethane	9.1		1.0	ug/L	10.00	ND	91	60-120		
Dibromochloromethane	9.3		1.0	ug/L	10.00	ND	93	60-120		
1,2-Dibromo-3-chloropropane	9.1		1.0	ug/L	10.00	ND	91	60-120		
1,2-Dibromoethane (EDB)	9.3		1.0	ug/L	10.00	ND	93	60-120		
Dibromomethane	9.6		1.0	ug/L	10.00	ND	96	60-120		
1,2-Dichlorobenzene	9.7		1.0	ug/L	10.00	ND	97	60-120		
1,4-Dichlorobenzene	11.3		1.0	ug/L	10.00	1.2	100	60-120		
1,1-Dichloroethane	9.6		1.0	ug/L	10.00	ND	96	60-120		
1,2-Dichloroethane	8.5		1.0	ug/L	10.00	ND	85	60-120		
1,1-Dichloroethene	10.3		1.0	ug/L	10.00	ND	103	60-120		
cis-1,2-Dichloroethene	10.3		1.0	ug/L	10.00	ND	103	60-120		
trans-1,2-Dichloroethene	10.0		1.0	ug/L	10.00	ND	100	60-120		
1,2-Dichloropropane	9.3		1.0	ug/L	10.00	ND	93	60-120		
1,3-Dichloropropane	8.7		1.0	ug/L	10.00	ND	87	60-120		
2,2-Dichloropropane	6.9		1.0	ug/L	10.00	ND	69	60-120		
1,1-Dichloropropene	9.9		1.0	ug/L	10.00	ND	99	60-120		
cis-1,3-Dichloropropene	8.4		1.0	ug/L	10.00	ND	84	60-120		
trans-1,3-Dichloropropene	7.9		1.0	ug/L	10.00	ND	79	60-120		
Ethylbenzene	10.1		1.0	ug/L	10.00	ND	101	60-120		
2-Hexanone	7.0		5.0	ug/L	10.00	ND	70	60-120		
Methyl tert-butyl ether (MTBE)	10.2		1.0	ug/L	10.00	1.7	85	60-120		
4-Methyl-2-pentanone	7.2		5.0	ug/L	10.00	ND	72	60-120		
Methylene chloride	9.7		1.0	ug/L	10.00	ND	97	60-120		
Methyl methacrylate	8.0		5.0	ug/L	10.00	ND	80	60-120		
Styrene	9.4		1.0	ug/L	10.00	ND	94	60-120		
1,1,1,2-Tetrachloroethane	9.7		1.0	ug/L	10.00	ND	97	60-120		

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

Volatile Organics by EPA 8260B (GC/MS) - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204175 - GCMS-WATER-VOLATILES

Matrix Spike (B204175-MS1)	Source: 2040619-02	Prepared & Analyzed: 04/10/22
1,1,2,2-Tetrachloroethane	9.1	1.0 ug/L 10.00 ND 91 60-120
Tetrachloroethene	10.5	1.0 ug/L 10.00 ND 105 60-120
Toluene	9.9	1.0 ug/L 10.00 ND 99 60-120
1,1,1-Trichloroethane	9.5	1.0 ug/L 10.00 ND 95 60-120
1,1,2-Trichloroethane	9.4	1.0 ug/L 10.00 ND 94 60-120
Trichloroethene	10.3	1.0 ug/L 10.00 ND 103 60-120
Trichlorofluoromethane (Freon 11)	9.5	1.0 ug/L 10.00 ND 95 60-120
1,2,3-Trichloropropane	8.5	1.0 ug/L 10.00 ND 85 60-120
Vinyl acetate	7.3	1.0 ug/L 10.00 ND 73 60-120
Vinyl chloride	9.5	1.0 ug/L 10.00 ND 95 60-120
o-Xylene	9.7	1.0 ug/L 10.00 ND 97 60-120
m- & p-Xylenes	20.3	1.0 ug/L 20.00 ND 101 60-120
Surrogate: 1,2-Dichloroethane-d4	45.91	ug/L 50.00 92 70-130
Surrogate: Toluene-d8	47.39	ug/L 50.00 95 75-120
Surrogate: 4-Bromofluorobenzene	48.98	ug/L 50.00 98 75-120



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

EDB and DBCP by EPA 8011 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204193 - 504.1 EDB/DBCP										
Blank (B204193-BLK1)					Prepared & Analyzed: 04/12/22					
1,2-Dibromo-3-chloropropane	ND		0.050	ug/L						
1,2-Dibromoethane (EDB)	ND		0.020	ug/L						
Blank (B204193-BLK2)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	ND		0.050	ug/L						
1,2-Dibromoethane (EDB)	ND		0.020	ug/L						
Blank (B204193-BLK3)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	ND		0.050	ug/L						
1,2-Dibromoethane (EDB)	ND		0.020	ug/L						
LCS (B204193-BS1)					Prepared & Analyzed: 04/12/22					
1,2-Dibromo-3-chloropropane	0.093		0.050	ug/L	0.1006		92	70-130		
1,2-Dibromoethane (EDB)	0.121		0.020	ug/L	0.1006		120	70-130		
LCS (B204193-BS2)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	0.093		0.050	ug/L	0.1006		93	70-130		
1,2-Dibromoethane (EDB)	0.118		0.020	ug/L	0.1006		117	70-130		
LCS (B204193-BS3)					Prepared: 04/12/22 Analyzed: 04/13/22					
1,2-Dibromo-3-chloropropane	0.094		0.050	ug/L	0.1006		93	70-130		
1,2-Dibromoethane (EDB)	0.125		0.020	ug/L	0.1006		124	70-130		
Matrix Spike (B204193-MS1)			Source: 2040420-05			Prepared & Analyzed: 04/12/22				
1,2-Dibromo-3-chloropropane	0.170		0.048	ug/L	0.1918	ND	89	70-130		
1,2-Dibromoethane (EDB)	0.208		0.019	ug/L	0.1918	ND	109	70-130		
Matrix Spike (B204193-MS2)			Source: 2033038-05			Prepared: 04/12/22 Analyzed: 04/13/22				
1,2-Dibromo-3-chloropropane	0.175		0.047	ug/L	0.1908	ND	92	70-130		
1,2-Dibromoethane (EDB)	0.222		0.019	ug/L	0.1908	ND	116	70-130		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

EDB and DBCP by EPA 8011 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204193 - 504.1 EDB/DBCP

Matrix Spike (B204193-MS3)		Source: 2033132-05		Prepared: 04/12/22		Analyzed: 04/13/22	
1,2-Dibromo-3-chloropropane	0.183	0.047	ug/L	0.1898	ND	97	70-130
1,2-Dibromoethane (EDB)	0.218	0.019	ug/L	0.1898	ND	115	70-130
Reference (B204193-SRM1)				Prepared & Analyzed: 04/12/22			
1,2-Dibromo-3-chloropropane	0.016	0.050	ug/L	0.02011		80	50-150
1,2-Dibromoethane (EDB)	0.026	0.020	ug/L	0.02011		128	50-150
Reference (B204193-SRM2)				Prepared: 04/12/22		Analyzed: 04/13/22	
1,2-Dibromo-3-chloropropane	0.015	0.050	ug/L	0.02011		76	50-150
1,2-Dibromoethane (EDB)	0.023	0.020	ug/L	0.02011		115	50-150
Reference (B204193-SRM3)				Prepared: 04/12/22		Analyzed: 04/13/22	
1,2-Dibromo-3-chloropropane	0.018	0.050	ug/L	0.02011		89	50-150
1,2-Dibromoethane (EDB)	0.026	0.020	ug/L	0.02011		130	50-150



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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204284 - 3010A-Metals Digestion

Blank (B204284-BLK1)

Prepared: 04/14/22 Analyzed: 04/15/22

Hardness as CaCO3	ND		500	ug/L						
Antimony	ND		1.00	ug/L						
Arsenic	ND		1.00	ug/L						
Barium	ND		1.00	ug/L						
Beryllium	ND		1.00	ug/L						
Cadmium	ND		1.00	ug/L						
Calcium	ND		80.0	ug/L						
Chromium	ND		1.00	ug/L						
Cobalt	ND		1.00	ug/L						
Copper	ND		1.00	ug/L						
Iron	ND		100	ug/L						
Lead	ND		1.00	ug/L						
Magnesium	ND		100	ug/L						
Manganese	ND		1.00	ug/L						
Mercury	ND		0.100	ug/L						
Nickel	ND		1.00	ug/L						
Potassium	ND		100	ug/L						
Selenium	ND		1.00	ug/L						
Silver	ND		1.00	ug/L						
Sodium	ND		100	ug/L						
Thallium	ND		1.00	ug/L						
Vanadium	ND		1.00	ug/L						
Zinc	ND		4.00	ug/L						

LCS (B204284-BS1)

Prepared: 04/14/22 Analyzed: 04/15/22

Antimony	44.6		1.00	ug/L	50.00		89	80-120		
Arsenic	45.8		1.00	ug/L	50.00		92	80-120		
Barium	45.3		1.00	ug/L	50.00		91	80-120		
Beryllium	45.9		1.00	ug/L	50.00		92	80-120		
Cadmium	46.0		1.00	ug/L	50.00		92	80-120		
Calcium	4710		80.0	ug/L	5000		94	80-120		
Chromium	46.5		1.00	ug/L	50.00		93	80-120		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204284 - 3010A-Metals Digestion

LCS (B204284-BS1)

Prepared: 04/14/22 Analyzed: 04/15/22

Cobalt	46.4		1.00	ug/L	50.00		93	80-120		
Copper	46.9		1.00	ug/L	50.00		94	80-120		
Iron	4700		100	ug/L	5000		94	80-120		
Lead	44.1		1.00	ug/L	50.00		88	80-120		
Magnesium	4830		100	ug/L	5000		97	80-120		
Manganese	45.9		1.00	ug/L	50.00		92	80-120		
Mercury	2.28		0.100	ug/L	2.500		91	80-120		
Nickel	45.9		1.00	ug/L	50.00		92	80-120		
Potassium	4830		100	ug/L	5000		97	80-120		
Selenium	45.9		1.00	ug/L	50.00		92	80-120		
Silver	46.0		1.00	ug/L	50.00		92	80-120		
Sodium	4830		100	ug/L	5000		97	80-120		
Thallium	44.8		1.00	ug/L	50.00		90	80-120		
Vanadium	45.9		1.00	ug/L	50.00		92	80-120		
Zinc	90.7		4.00	ug/L	100.0		91	80-120		

Duplicate (B204284-DUP1)

Source: 2041316-01

Prepared: 04/14/22 Analyzed: 04/15/22

Hardness as CaCO3	646000		500	ug/L		658000			2	200
Antimony	ND		1.00	ug/L		ND				200
Arsenic	ND		1.00	ug/L		ND				200
Barium	282		1.00	ug/L		290			3	200
Beryllium	ND		1.00	ug/L		ND				200
Cadmium	ND		1.00	ug/L		ND				200
Calcium	145000	E	80.0	ug/L		148000			2	200
Chromium	11.6		1.00	ug/L		11.8			2	200
Cobalt	ND		1.00	ug/L		ND				200
Copper	ND		1.00	ug/L		ND				200
Iron	ND		100	ug/L		ND				200
Lead	ND		1.00	ug/L		ND				200
Magnesium	68900		100	ug/L		69900			1	200
Manganese	79.3		1.00	ug/L		80.5			1	200
Mercury	ND		0.100	ug/L		ND				200

Rabecka Koons

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Rabecka Koons, Quality Assurance Officer

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

Total Metals Analysis by EPA 6020B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204284 - 3010A-Metals Digestion

Duplicate (B204284-DUP1)	Source: 2041316-01	Prepared: 04/14/22	Analyzed: 04/15/22			
Nickel	13.0	1.00	ug/L	12.9	0.6	200
Potassium	9400	100	ug/L	9650	3	200
Selenium	ND	1.00	ug/L	ND		200
Silver	ND	1.00	ug/L	ND		200
Sodium	76000	100	ug/L	76600	0.8	200
Thallium	ND	1.00	ug/L	ND		200
Vanadium	ND	1.00	ug/L	ND		200
Zinc	5.09	4.00	ug/L	5.06	0.5	200

Matrix Spike (B204284-MS1)	Source: 2041316-01	Prepared: 04/14/22	Analyzed: 04/15/22					
Antimony	45.5	1.00	ug/L	50.00	ND	91	60-140	
Arsenic	46.3	1.00	ug/L	50.00	ND	93	60-140	
Barium	336	1.00	ug/L	50.00	290	93	60-140	
Beryllium	45.4	1.00	ug/L	50.00	ND	91	60-140	
Cadmium	45.6	1.00	ug/L	50.00	ND	91	60-140	
Calcium	154000	E	80.0	ug/L	5000	148000	122	60-140
Chromium	57.8	1.00	ug/L	50.00	11.8	92	60-140	
Cobalt	45.0	1.00	ug/L	50.00	ND	90	60-140	
Copper	44.6	1.00	ug/L	50.00	ND	89	60-140	
Iron	4680	100	ug/L	5000	ND	94	60-140	
Lead	45.1	1.00	ug/L	50.00	ND	90	60-140	
Magnesium	74600	100	ug/L	5000	69900	95	60-140	
Manganese	128	1.00	ug/L	50.00	80.5	94	60-140	
Mercury	2.46	0.100	ug/L	2.500	ND	99	60-140	
Nickel	56.6	1.00	ug/L	50.00	12.9	87	60-140	
Potassium	14300	100	ug/L	5000	9650	94	60-140	
Selenium	47.8	1.00	ug/L	50.00	ND	96	60-140	
Silver	44.4	1.00	ug/L	50.00	ND	89	60-140	
Sodium	82200	100	ug/L	5000	76600	111	60-140	
Thallium	46.2	1.00	ug/L	50.00	ND	92	60-140	
Vanadium	47.7	1.00	ug/L	50.00	ND	95	60-140	
Zinc	93.9	4.00	ug/L	100.0	5.06	89	60-140	

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

Ammonia (as N) by EPA 350.1 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204300 - Ammonia Prep										
Blank (B204300-BLK1)					Prepared & Analyzed: 04/15/22					
Ammonia as N	ND		0.02	mg/L						
LCS (B204300-BS1)					Prepared & Analyzed: 04/15/22					
Ammonia as N	0.51		0.02	mg/L	0.5000		101	80-120		
Duplicate (B204300-DUP1)					Source: 2040420-01 Prepared & Analyzed: 04/15/22					
Ammonia as N	0.08		0.02	mg/L		0.08			5	200
Matrix Spike (B204300-MS1)					Source: 2040420-01 Prepared & Analyzed: 04/15/22					
Ammonia as N	0.57		0.02	mg/L	0.5000	0.08	98	80-120		



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

Chemical Oxygen Demand by EPA 410.4 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204272 - COD (03) Prep										
Blank (B204272-BLK1)					Prepared & Analyzed: 04/14/22					
COD	ND		3.0	mg/L						
LCS (B204272-BS1)					Prepared & Analyzed: 04/14/22					
COD	49.4		3.0	mg/L	50.00		99	90-110		
Duplicate (B204272-DUP1)					Source: 2040625-01		Prepared & Analyzed: 04/14/22			
COD	ND		3.0	mg/L		ND				20
Matrix Spike (B204272-MS1)					Source: 2040625-01		Prepared & Analyzed: 04/14/22			
COD	50.4		3.0	mg/L	50.00	ND	101	90-110		

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

Conductivity by SM2510 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204216 - Conductivity										
Duplicate (B204216-DUP1)			Source: 2040518-01			Prepared & Analyzed: 04/12/22				
Conductivity	806.9			uS/cm		813.5			0.8	20
Duplicate (B204216-DUP2)			Source: 2040625-06			Prepared & Analyzed: 04/12/22				
Conductivity	147.8			uS/cm		148.6			0.5	20
Duplicate (B204216-DUP3)			Source: 2040420-08			Prepared & Analyzed: 04/12/22				
Conductivity	1209			uS/cm		1216			0.6	20



Rabecka Koons, Quality Assurance Officer

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Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

Anions by EPA 300.0 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B204144 - 300.0 Anions Prep

Blank (B204144-BLK1)

Prepared: 04/07/22 Analyzed: 04/08/22

Chloride	ND		0.500	mg/L						
Nitrate	ND		0.050	mg/L						
Nitrate (as N)	ND		0.011	mg/L						
Sulfate	ND		0.3	mg/L						

LCS (B204144-BS1)

Prepared & Analyzed: 04/07/22

Chloride	3.87		0.500	mg/L	4.000		97	90-110		
Nitrate	3.60		0.050	mg/L	4.000		90	90-110		
Nitrate (as N)	0.813		0.011	mg/L				90-110		
Sulfate	3.8		0.3	mg/L	4.000		96	90-110		

Duplicate (B204144-DUP1)

Source: 2040625-01

Prepared: 04/07/22 Analyzed: 04/08/22

Chloride	34.9		0.500	mg/L		34.7			0.5	20
Nitrate	20.8		0.050	mg/L		20.7			0.5	200
Nitrate (as N)	4.70		0.011	mg/L		4.68			0.5	200
Sulfate	6.6		0.3	mg/L		6.4			2	20

Matrix Spike (B204144-MS1)

Source: 2040625-01

Prepared: 04/07/22 Analyzed: 04/08/22

Chloride	37.0	QM-4X	0.500	mg/L	4.000	34.7	56	80-120		
Nitrate	23.6	QM-4X	0.050	mg/L	4.000	20.7	73	80-120		
Nitrate (as N)	5.34		0.011	mg/L		4.68		80-120		
Sulfate	10.3		0.3	mg/L	4.000	6.4	97	80-120		

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

Total Suspended Solids by USGS I-3765-85 - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204224 - TSS PREP										
Blank (B204224-BLK1)					Prepared: 04/12/22 Analyzed: 04/13/22					
Solids, Suspended	ND		2.5	mg/L						
LCS (B204224-BS1)					Prepared: 04/12/22 Analyzed: 04/13/22					
Solids, Suspended	41.9		2.5	mg/L	50.10		84	70-130		
Duplicate (B204224-DUP1)			Source: 2040822-01			Prepared: 04/12/22 Analyzed: 04/13/22				
Solids, Suspended	ND		3.3	mg/L		ND				20



Rabecka Koons, Quality Assurance Officer

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1500 Caton Center Dr Suite G
 Baltimore MD 21227
 410-247-7600
 www.mdspectral.com
 MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
 Project Manager: Laura Oakes

Reported:
 04/19/22 16:34

Total Dissolved Solids by SM 2540C - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B204195 - TDS Prep										
Blank (B204195-BLK1)					Prepared: 04/11/22 Analyzed: 04/12/22					
Solids, Dissolved	ND		10.0	mg/L						
LCS (B204195-BS1)					Prepared: 04/11/22 Analyzed: 04/12/22					
Solids, Dissolved	711		10.0	mg/L	763.0		93	90-110		
Duplicate (B204195-DUP1)			Source: 2040518-01		Prepared: 04/11/22 Analyzed: 04/12/22					
Solids, Dissolved	444		10.0	mg/L		453			2	20



Rabecka Koons, Quality Assurance Officer

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Baltimore MD 21227
410-247-7600
www.mdspectral.com
MD DW LabID 153

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

SM 2320B - Quality Control

Analyte	Result	Notes	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch 815451 - SM 2320B

BLANK (4477214)			Prepared & Analyzed: 04/12/22							
Alkalinity, Total as CaCO3	<5.0		5.0	mg/L				-		
LCS (4477215)			Prepared & Analyzed: 04/12/22							
Alkalinity, Total as CaCO3	96%		5.0	mg/L	250		96	90-110		
DUP (4477216)			Source: 2040625-01		Prepared & Analyzed: 04/12/22					
Alkalinity, Total as CaCO3	29.8		5.0	mg/L		30.9		-	3	20

Rabecka Koons

Rabecka Koons, Quality Assurance Officer

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Project: GUDE LANDFILL

Project Number: 1556404
Project Manager: Laura Oakes

Reported:
04/19/22 16:34

Notes and Definitions

- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- O-07 This sample was received outside of the EPA recommended holding time.
- J Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag).
- E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
- RE Sample reanalyses are done at the laboratory's discretion as a mechanism to improve data quality. Any client requested reanalysis will be identified with a sample qualifier.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- %-Solids Percent Solids is a supportive test and as such does not require accreditation



Rabecka Koons, Quality Assurance Officer

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Company Name: EA Engineering	Project Manager: Laura Oakes	Analysis Requested							CHAIN-OF-CUSTODY RECORD			
Project Name: GUDE Landfill	Project ID: 155604	No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 reporting@mdspectral.com		
Sampler(s): D. Kozlowski, R. Williams, J. Stith	P.O. Number: 19541									Matrix Codes: NW (non-potable water) PW (potable water)		
Field Sample ID	Date									Time	Water	Soil

Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	8260LL VOC and 8011*	6020 MDE Landfill List	Chloride, Nitrate, Sulfate, Alkalinity, Dissolved Solids Conductivity	Turbidity, pH	Suspended Solids	COD	Ammonia-Nitrogen	Preservative: 1+1 HCl, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID
Mw-15	9/6/22	1027	X			10	X	X	X	Y	X	Y	Y	HCl, H ₂ SO ₄ , MW ₃		2 040625-01
Mw-9		1116														- 0 2
Mw-13		1227														- 0 3
Mw-10		1336														- 0 4
Mw-11B		1436														- 0 5
Mw-11A		1510														- 0 6
Mw-14B		1605														- 0 7
Mw-14A		1636														- 0 8
Trip Blank		-				2								Trip Blank		- 0 9

* Please analyze 2 VOCs (1,2-Dibromo-3-chloropropane and 1, 2 Dibromoethane) by method 8011 in addition to method 8260.

Relinquished by: (Signature) <i>Reid Williams</i>	Date/Time 9/6/22	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) Reid Williams	1801	(Printed)	(Printed)		(Printed)

Relinquished by: (Signature)	Date/Time 4-6-22	Received by Lab: (Signature) <i>Lori Foster</i>	Turn Around Time:	Lab Use:
(Printed)	18:08	(Printed)	<input checked="" type="checkbox"/> Normal (7 day) <input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ <input type="checkbox"/> Specific Due Date: _____	Temp: ____°C 4.2 <input checked="" type="checkbox"/> Received on Ice <input checked="" type="checkbox"/> Received same day <input type="checkbox"/> Preservation Appropriate

Delivery Method: <input type="checkbox"/> Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> USPS <input type="checkbox"/> Other: _____	Special Instructions/QC Requirements & Comments:	Sample Disposal: <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for ____ days
--	--	---

WO#: 35709655



35709655

SUBCONTRACT ORDER
Maryland Spectral Services
2040625

SENDING LABORATORY:

Maryland Spectral Services
1500 Caton Center Dr. Suite G
Halethorpe, MD 21227
Phone: 410.247.7600
Project Manager: Cory Koons
Reports Email: Reporting@mdspectral.com

RECEIVING LABORATORY:

Pace Labs-FL
8 East Tower Circle
Ormond Beach, FL 32174
Phone: (386) 672-5668
Fax:

Due 4:00 PM 04/18/22

Laboratory ID

Comments

Sample ID: 2040625-01 MW-15 Water Sampled: 04/06/22 10:27

Alkalinity

Containers Supplied:

Plastic, 0.5L None (F)

Sample ID: 2040625-02 MW-9 Water Sampled: 04/06/22 11:16

Alkalinity

Containers Supplied:

Plastic, 0.5L None (F)

Sample ID: 2040625-03 MW-12 Water Sampled: 04/06/22 12:27

Alkalinity

Containers Supplied:

Plastic, 0.5L None (F)

Sample ID: 2040625-04 MW-10 Water Sampled: 04/06/22 13:36

Alkalinity

Containers Supplied:

Plastic, 0.5L None (F)

4-7-22
 Date 4/7/22 14:24
 Received By [Signature]
 Date 4/14/22 11:05
 Received By [Signature]

SUBCONTRACT ORDER
 Maryland Spectral Services
 2040625

Due 4:00 PM 04/18/22 Laboratory ID Comments

Sample ID: 2040625-05 MW-11B Water Sampled:04/06/22 14:36

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (F)

Sample ID: 2040625-06 MW-11A Water Sampled:04/06/22 15:10

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (F)

Sample ID: 2040625-07 MW-14B Water Sampled:04/06/22 16:05

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (F)

Sample ID: 2040625-08 MW-14A Water Sampled:04/06/22 16:05

Alkalinity

Containers Supplied:
 Plastic, 0.5L None (F)

14:24

4-7-22

04/07/22 1430

Received By: [Signature] Date: 4/7/22
 Released By: [Signature] Date: 4/9/22
 Received By: [Signature] Date: 4/9/22
 Released By: [Signature] Date: 11/05 0:30

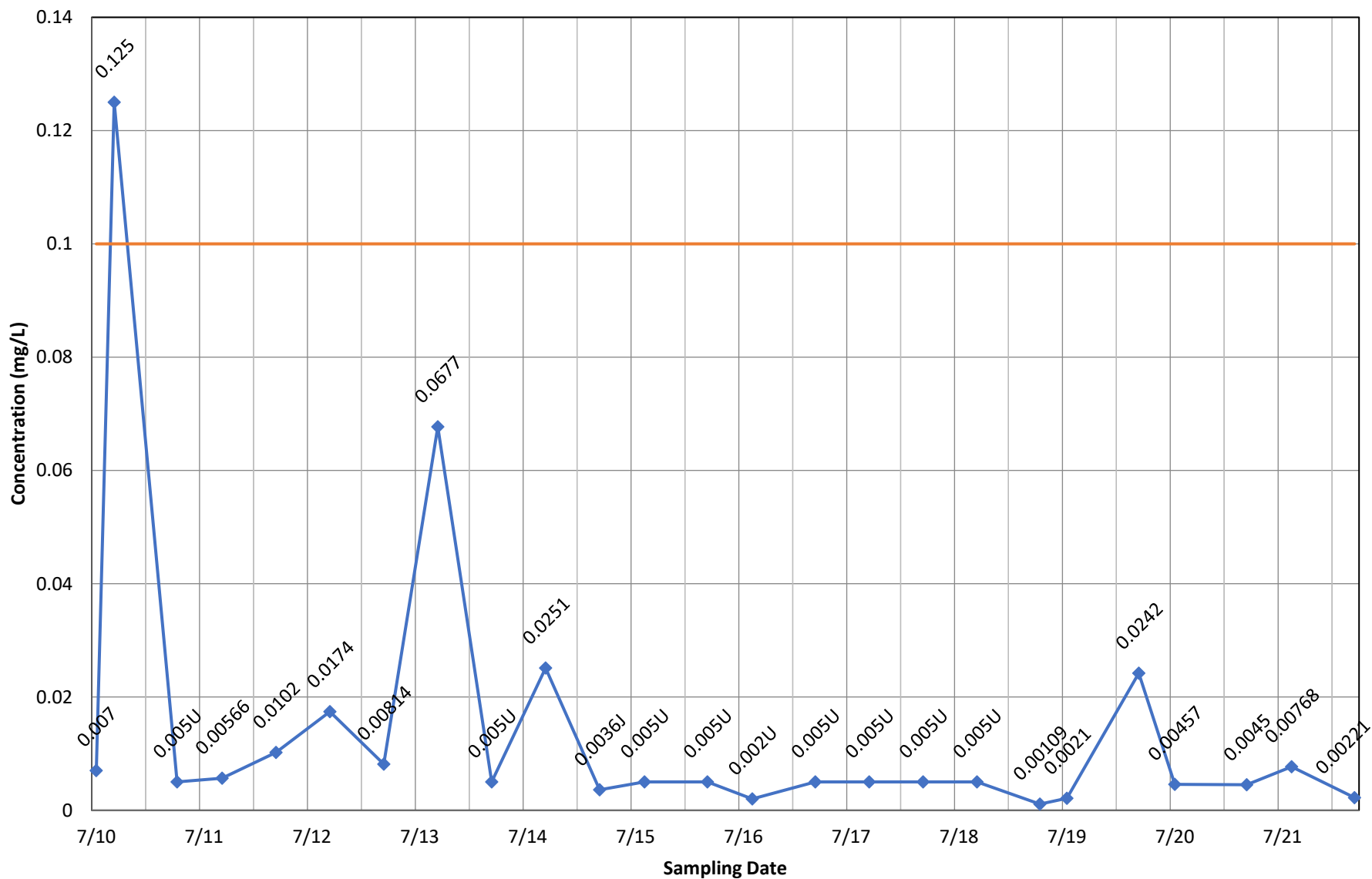
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Appendix D

**Maximum Contaminant Level
Exceedance Graphs**

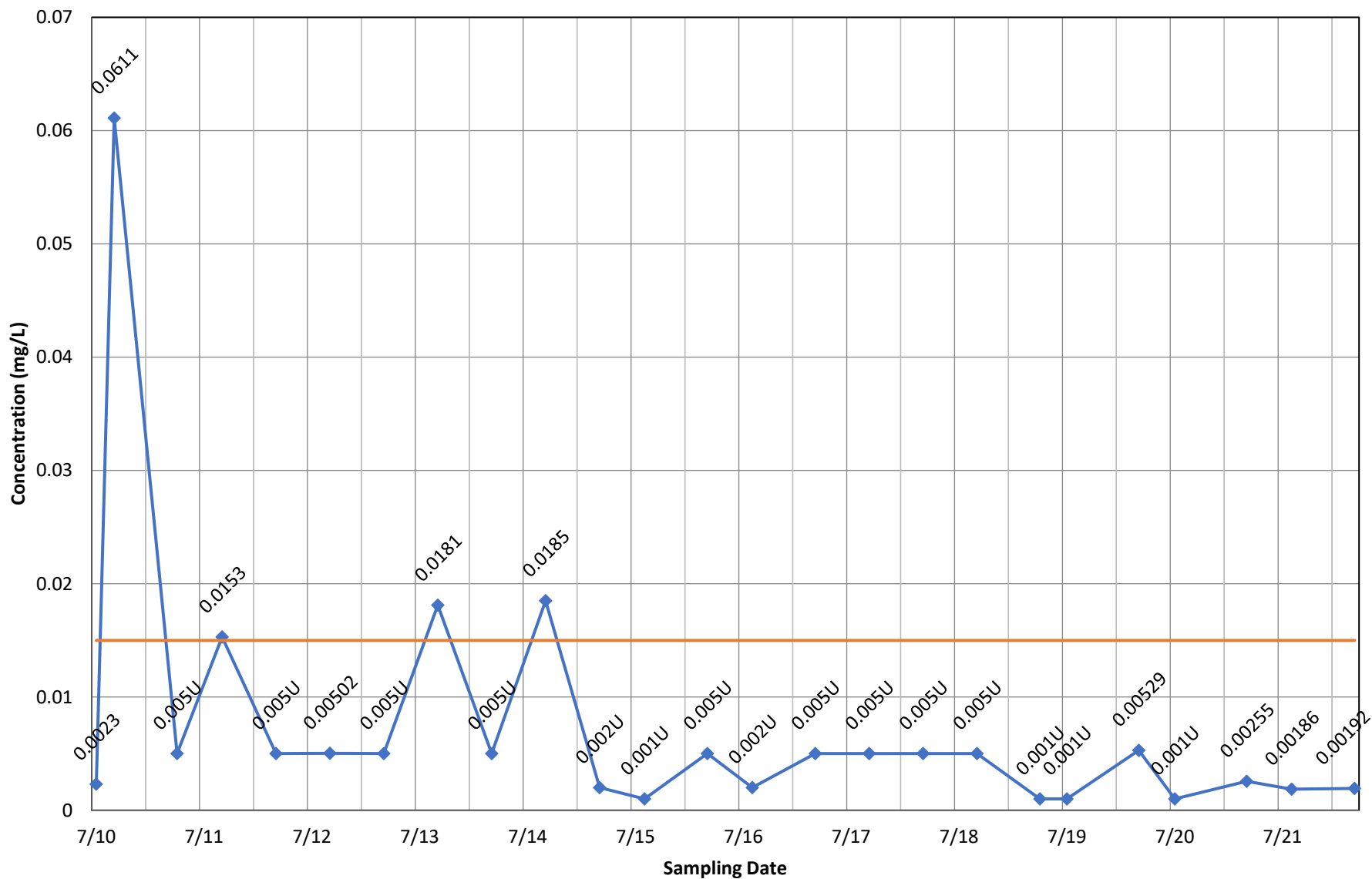
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Monitoring Well MW-10 - Chromium, total



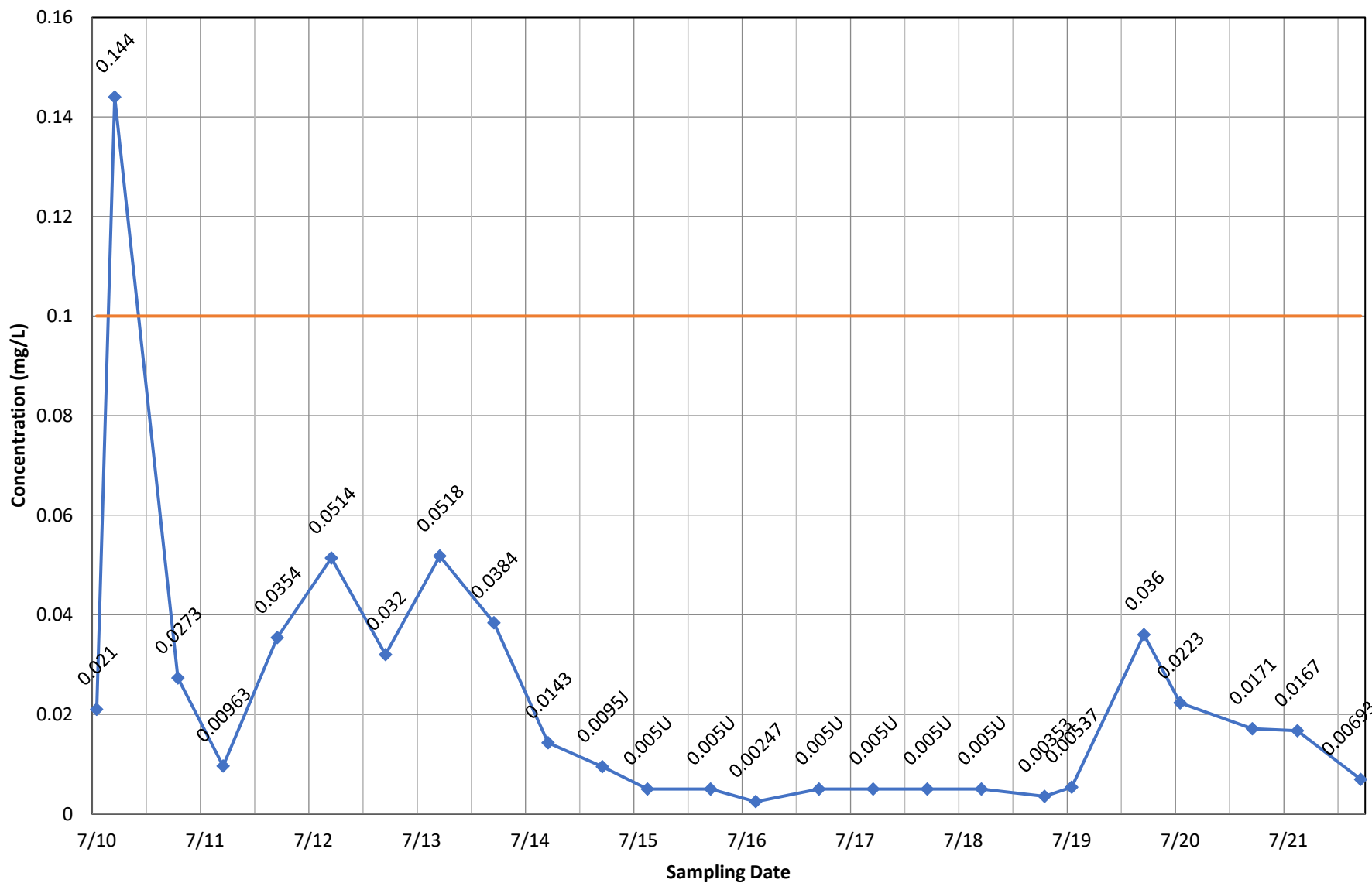
◆ Concentration — Current MCL

Monitoring Well MW-10 - Lead, total



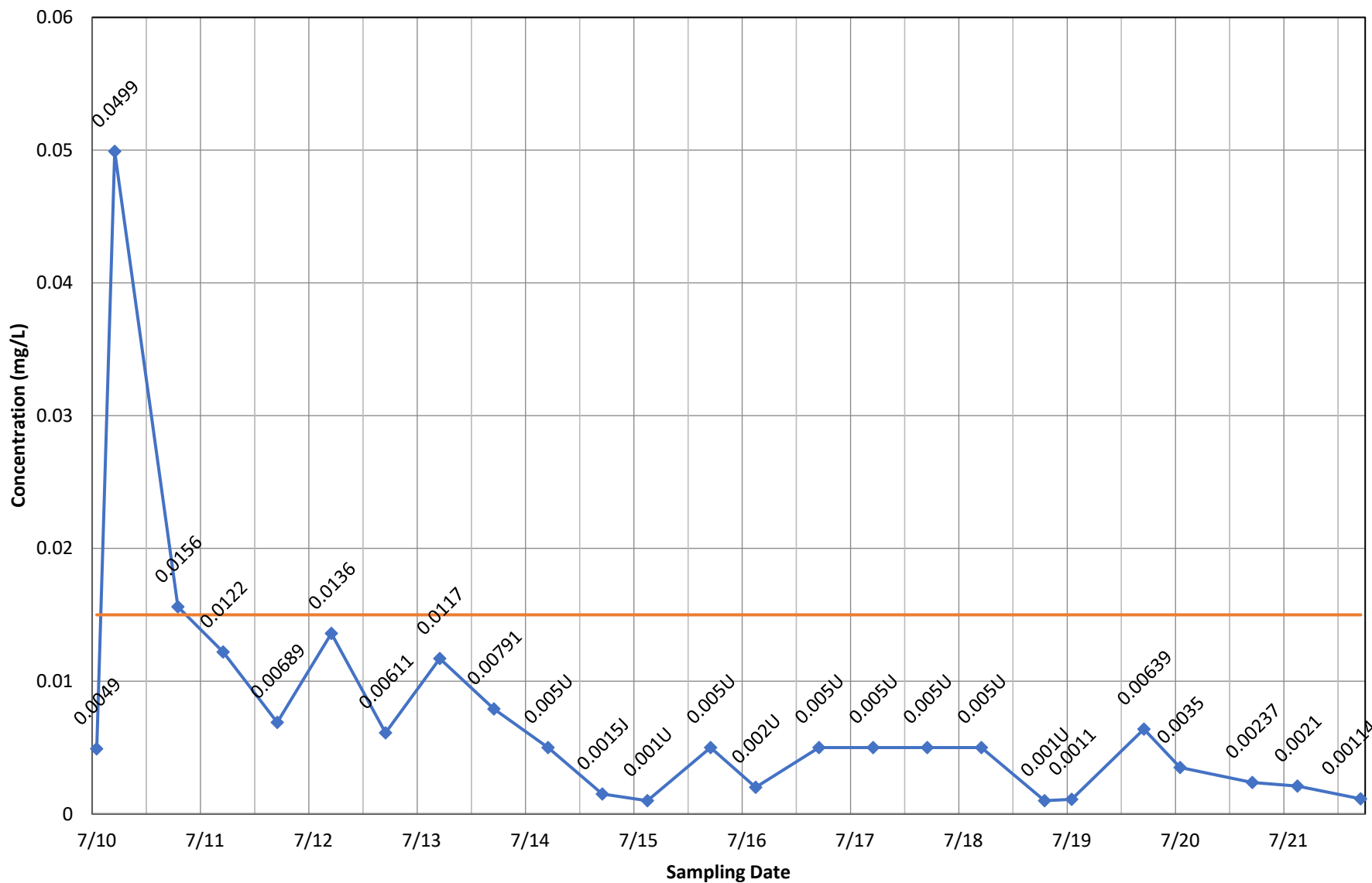
◆ Concentration — Current MCL

Monitoring Well MW-11A - Chromium, total



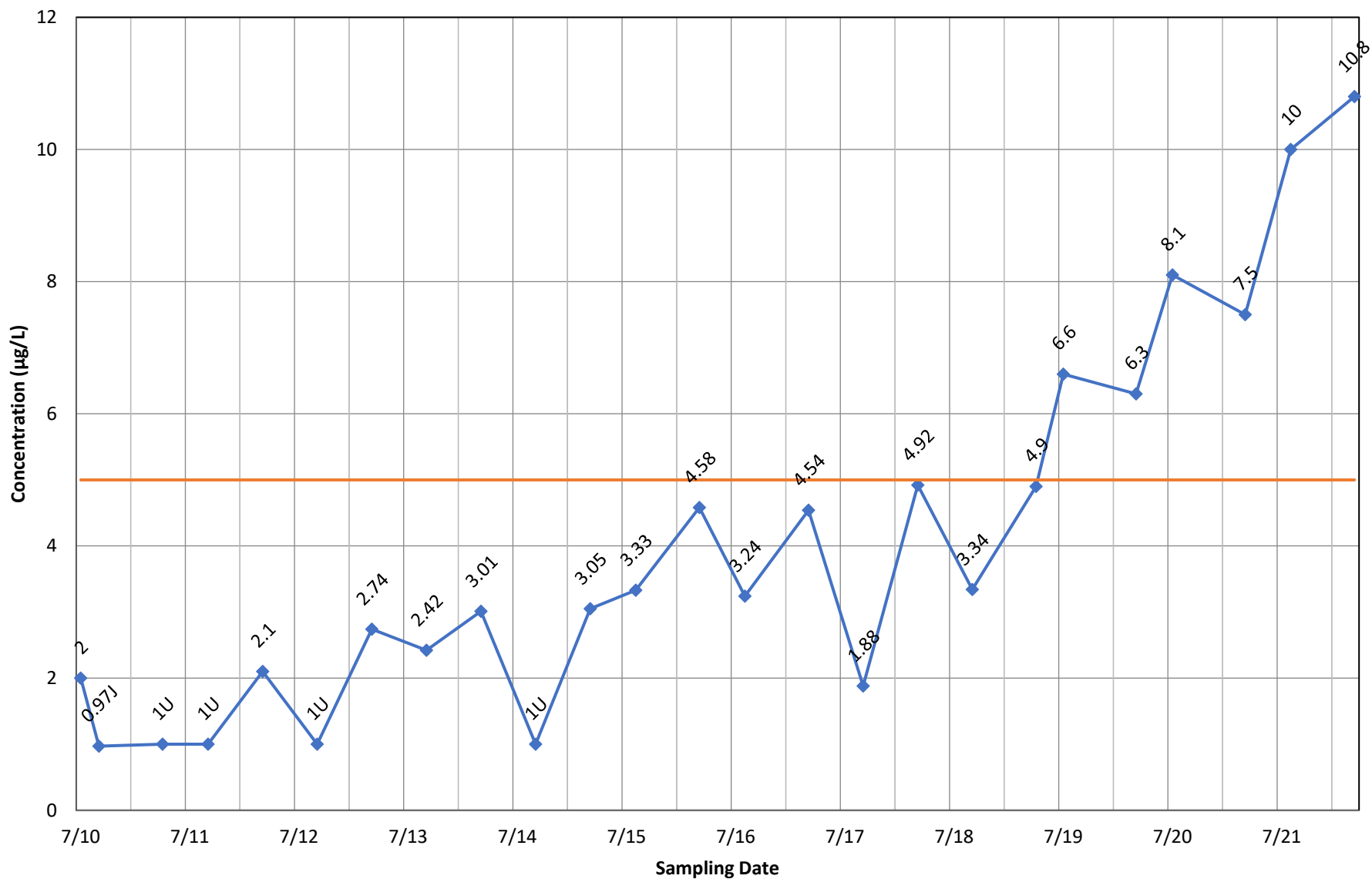
◆ Concentration — Current MCL

Monitoring Well MW-11A - Lead, total



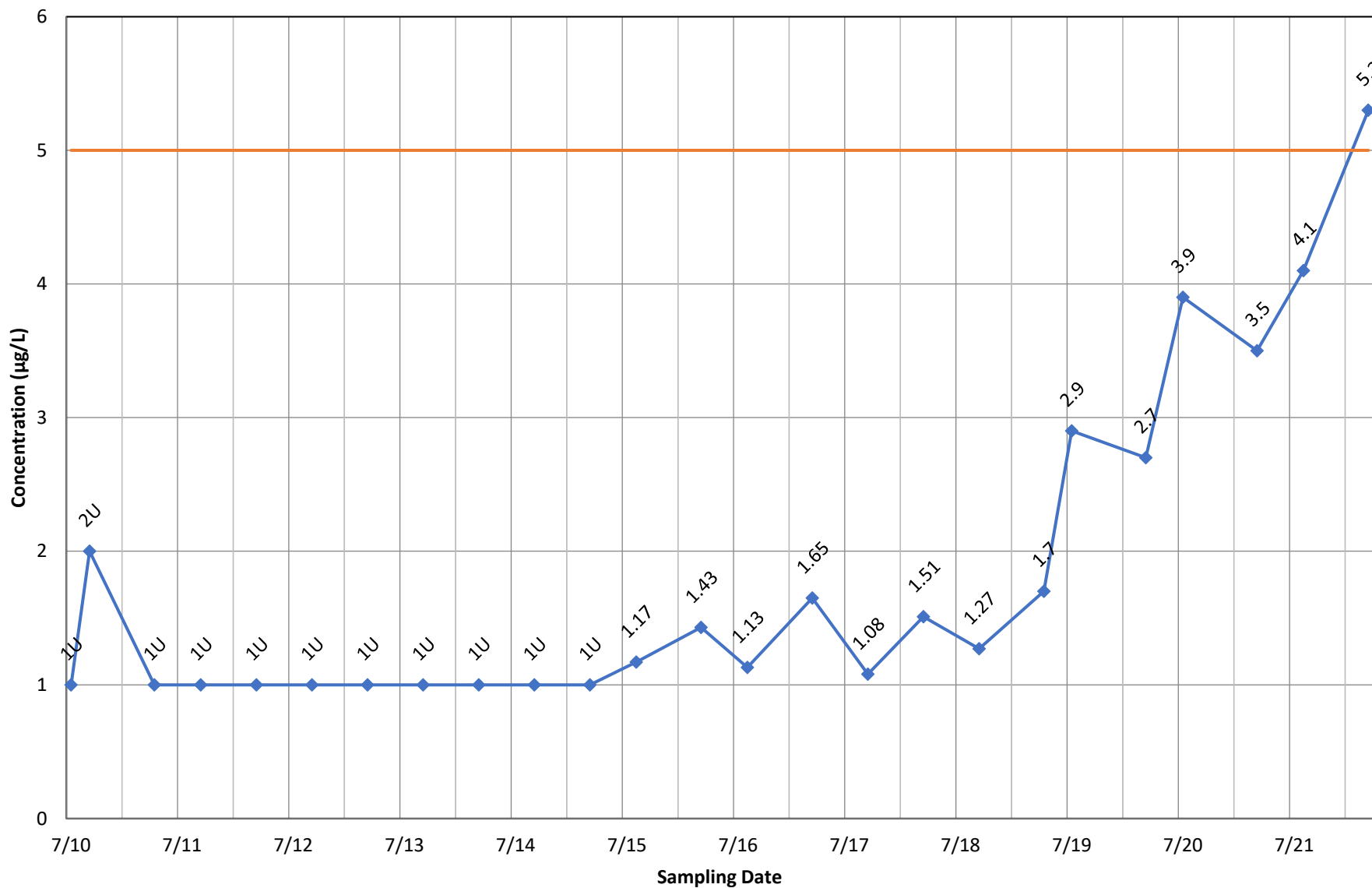
◆ Concentration — Current MCL

Monitoring Well MW-11B - Tetrachloroethene



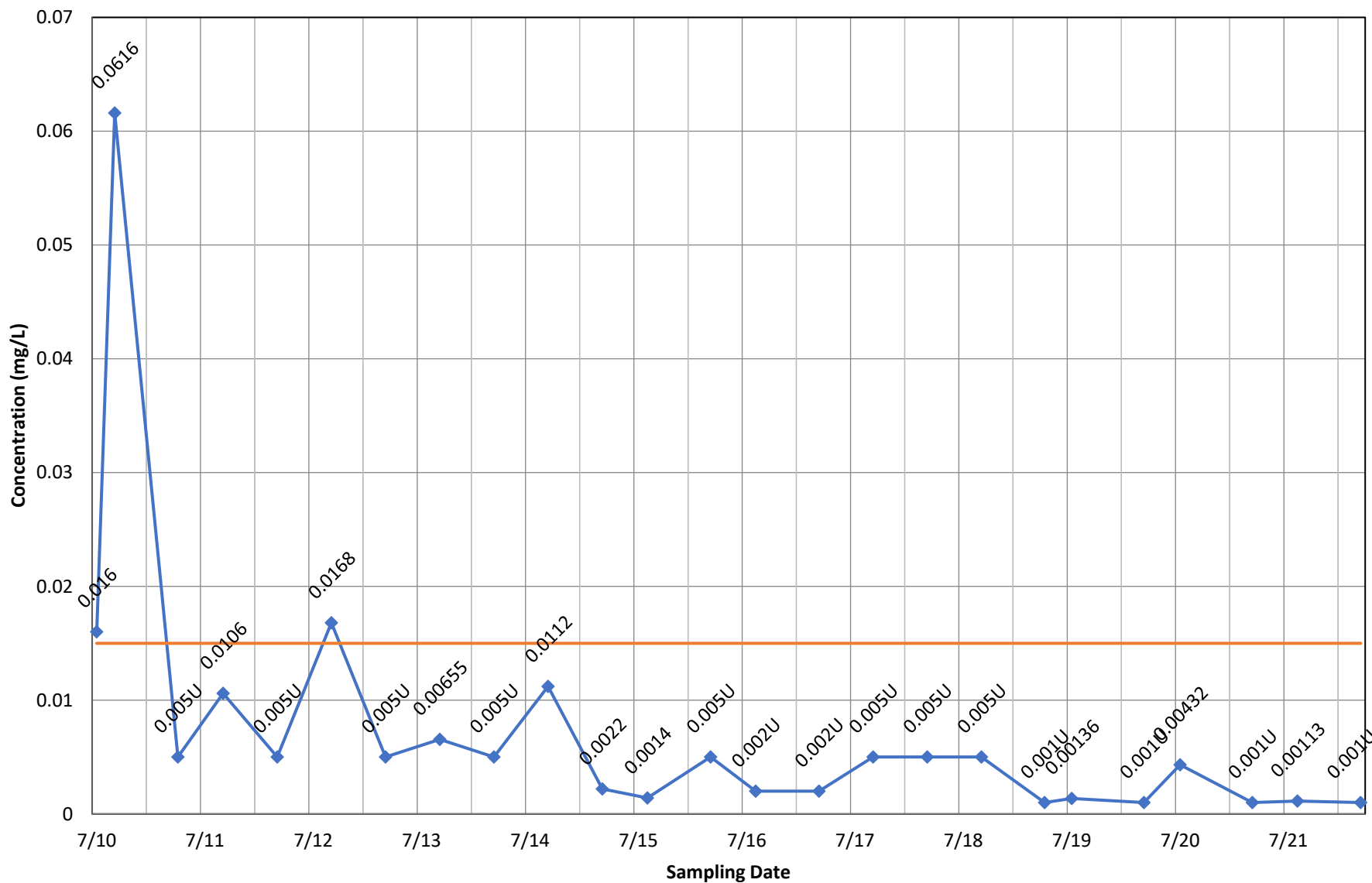
◆ Concentration — Current MCL

Monitoring Well MW-11B - Trichloroethene



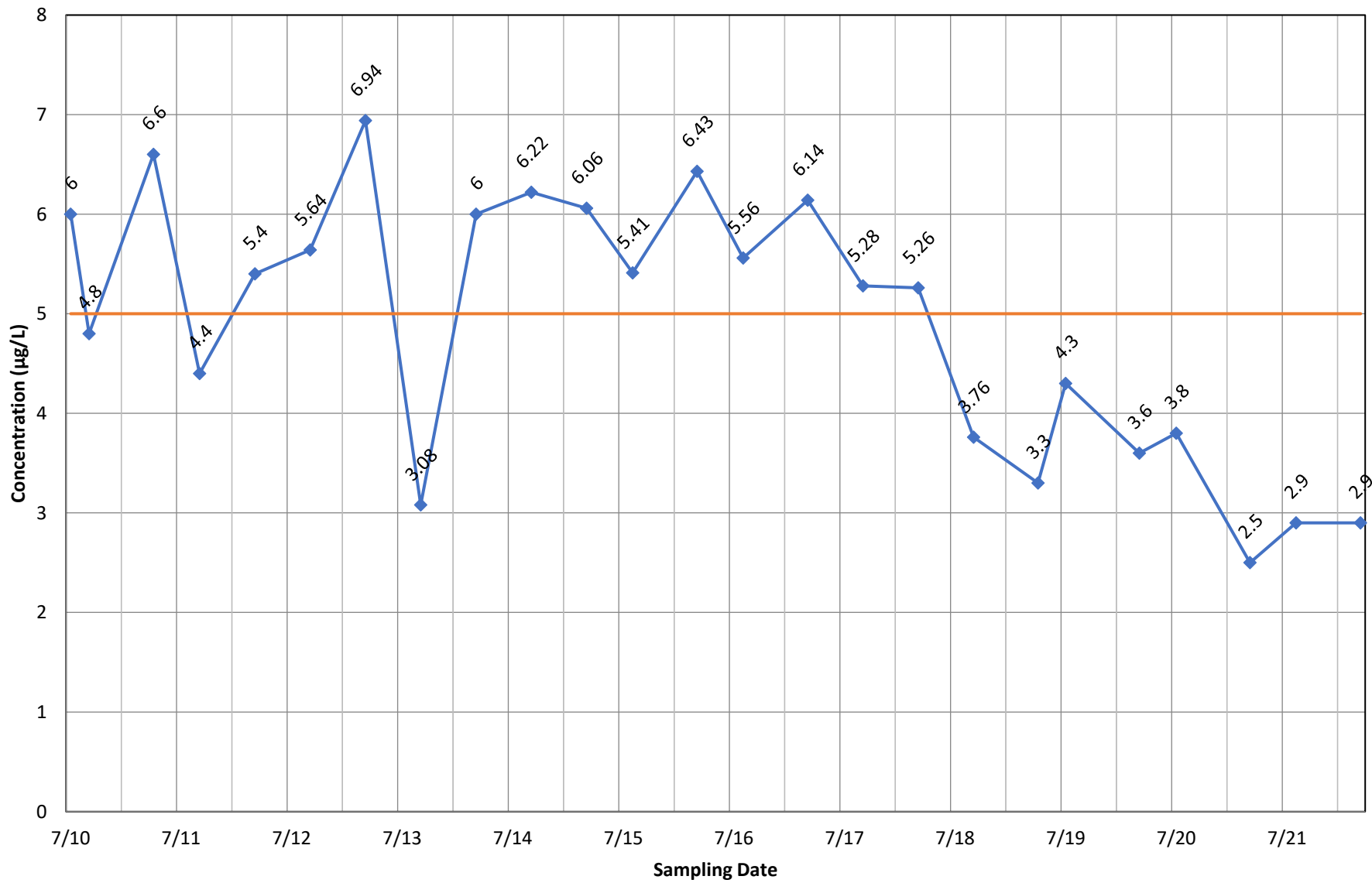
◆ Concentration — Current MCL

Monitoring Well MW-12 - Lead, total



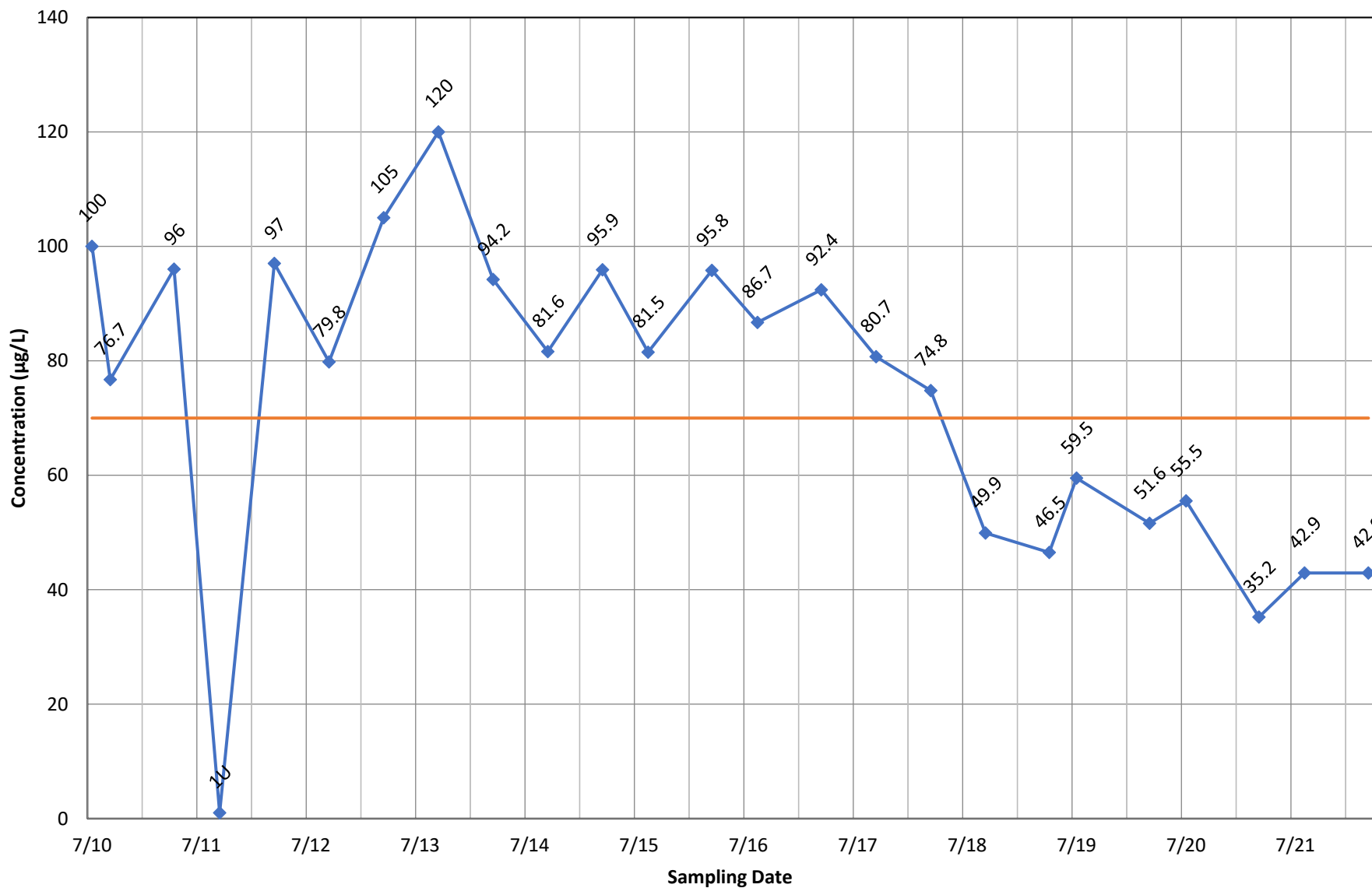
◆ Concentration — Current MCL

Monitoring Well MW-13A - 1,2-Dichloropropane



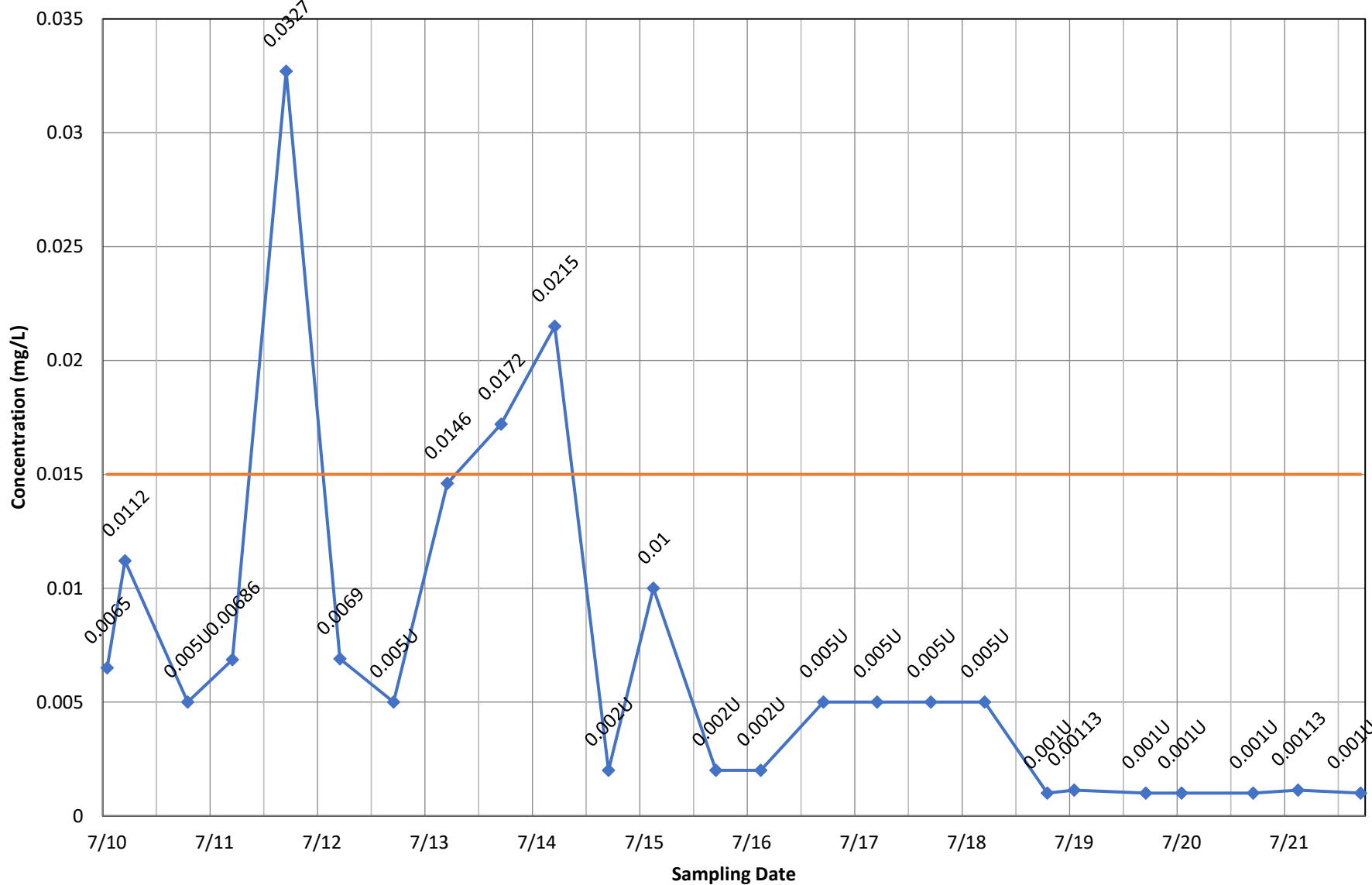
◆ Concentration — Current MCL

Monitoring Well MW-13A - cis-1,2-Dichloroethene



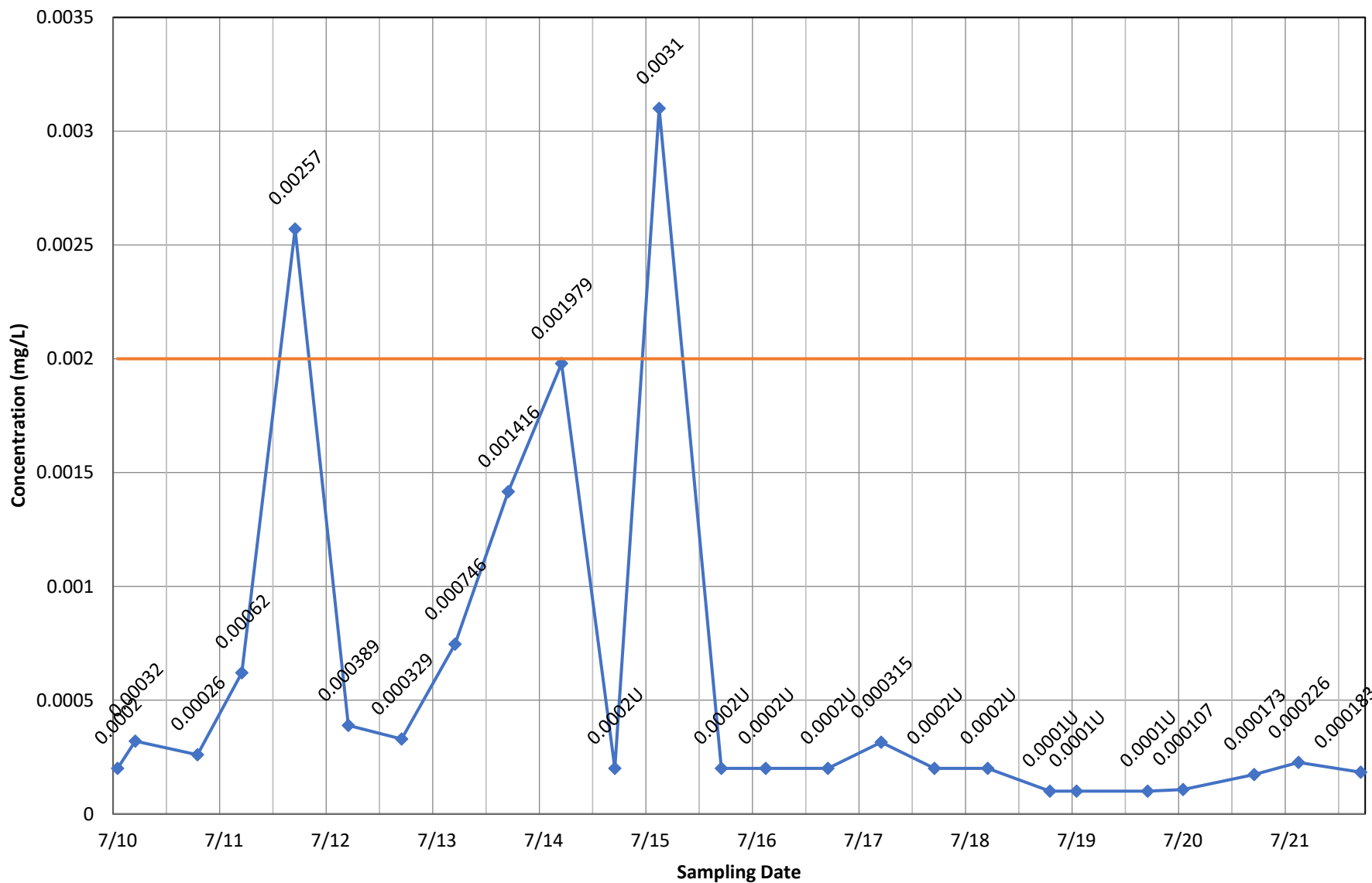
◆ Concentration — Current MCL

Monitoring Well MW-13A - Lead, total



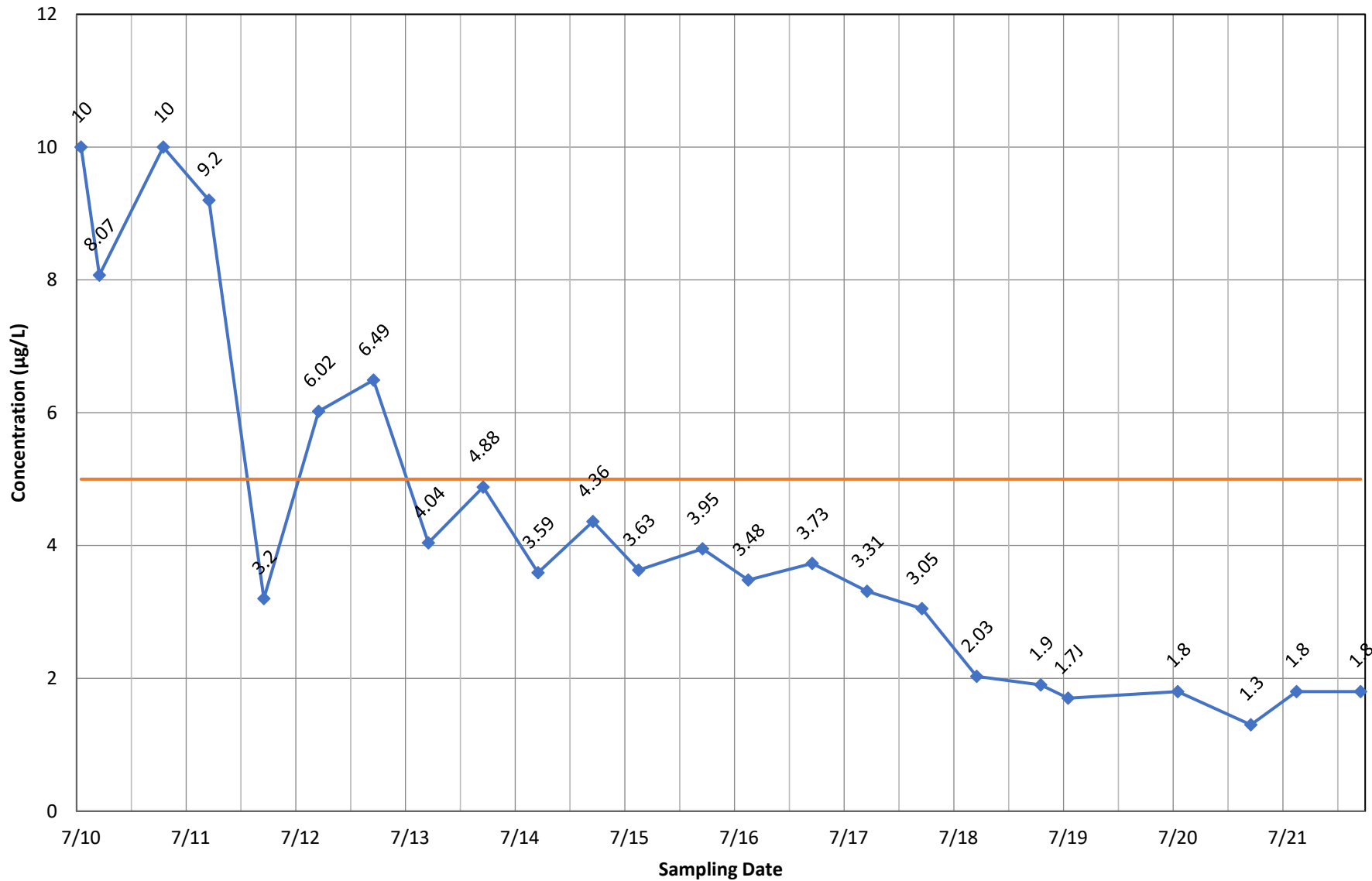
◆ Concentration — Current MCL

Monitoring Well MW-13A - Mercury, total



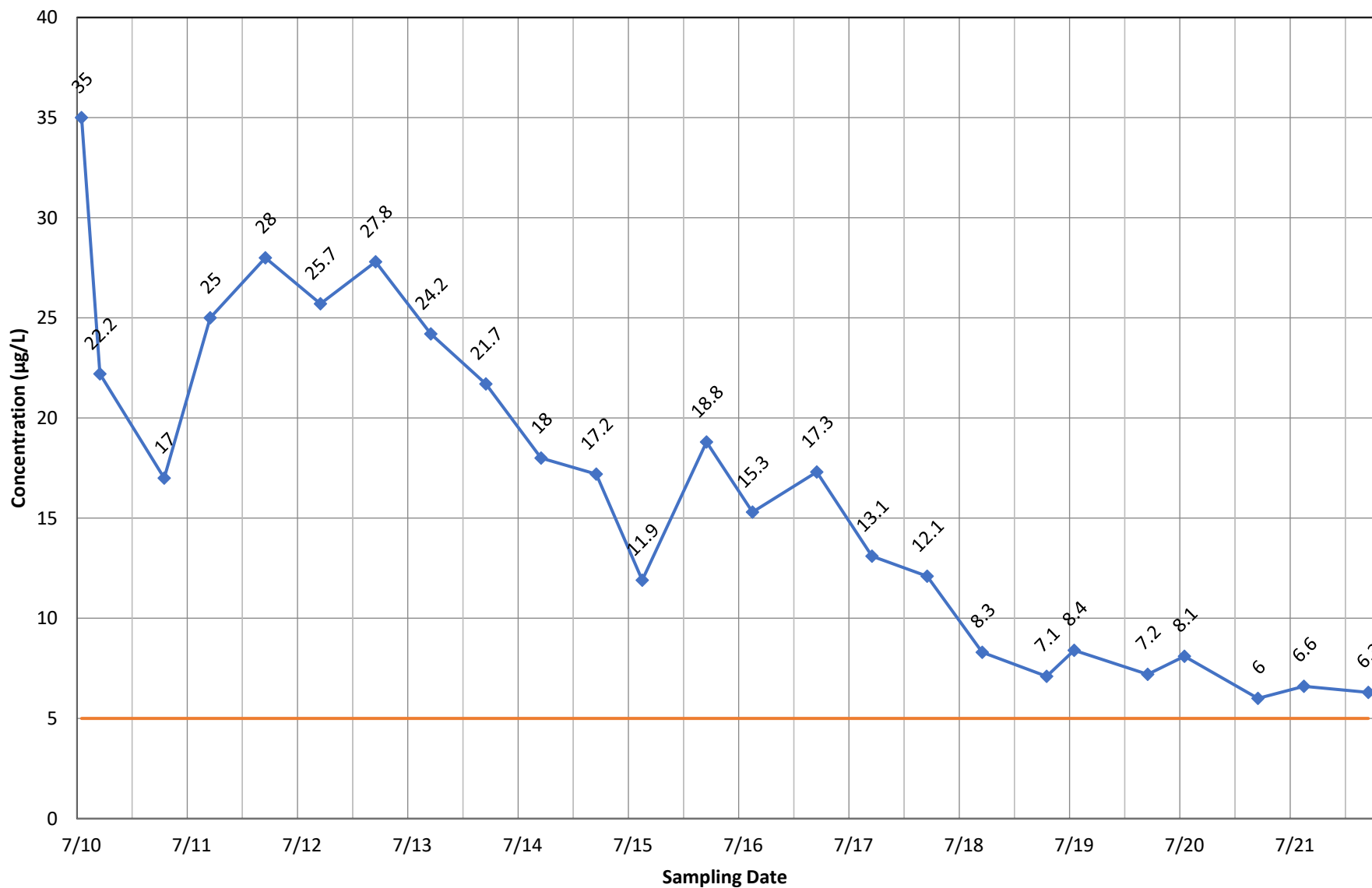
◆ Concentration — Current MCL

Monitoring Well MW-13A - Methylene Chloride



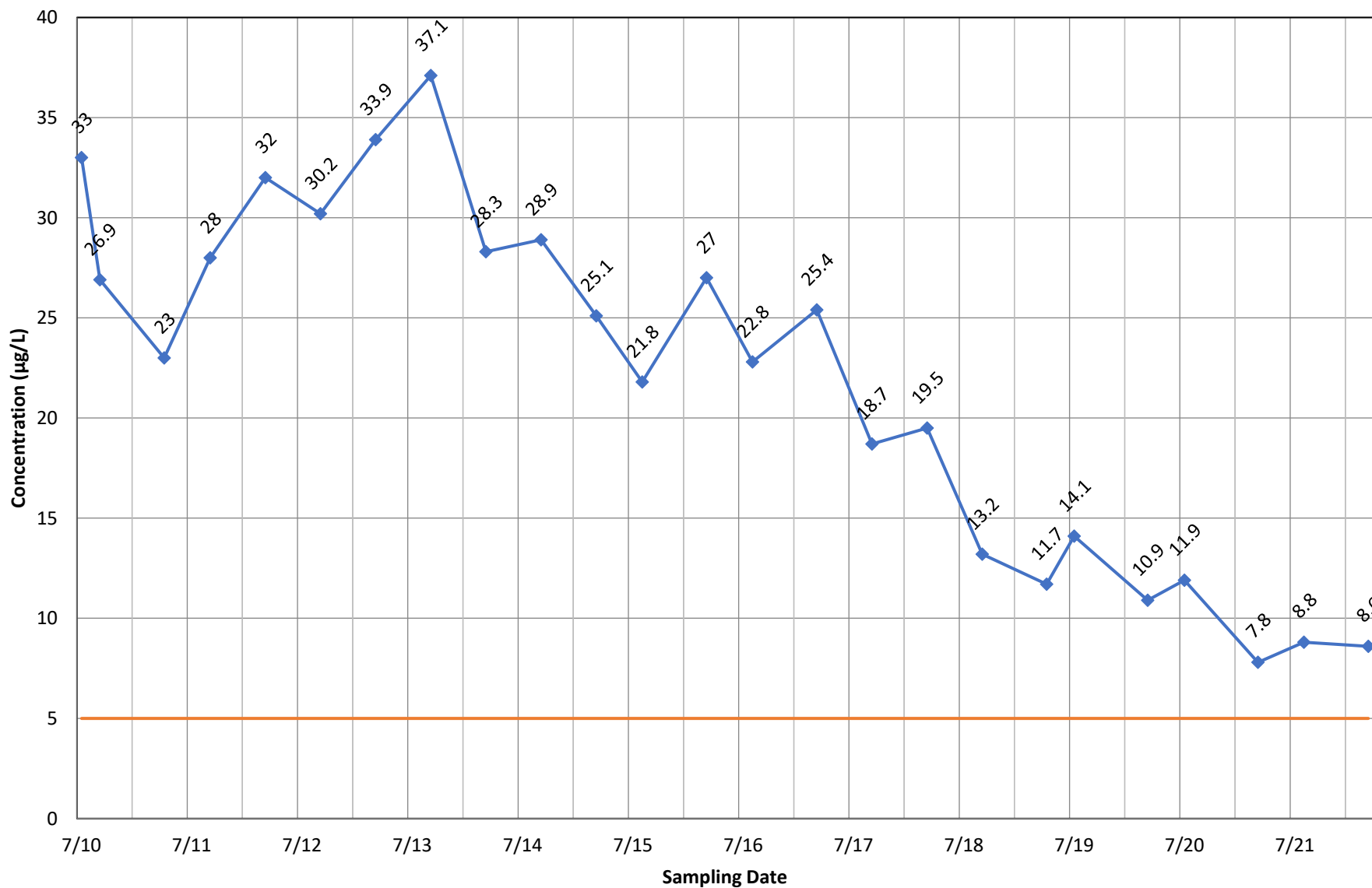
◆ Concentration — Current MCL

Monitoring Well MW-13A - Tetrachloroethene



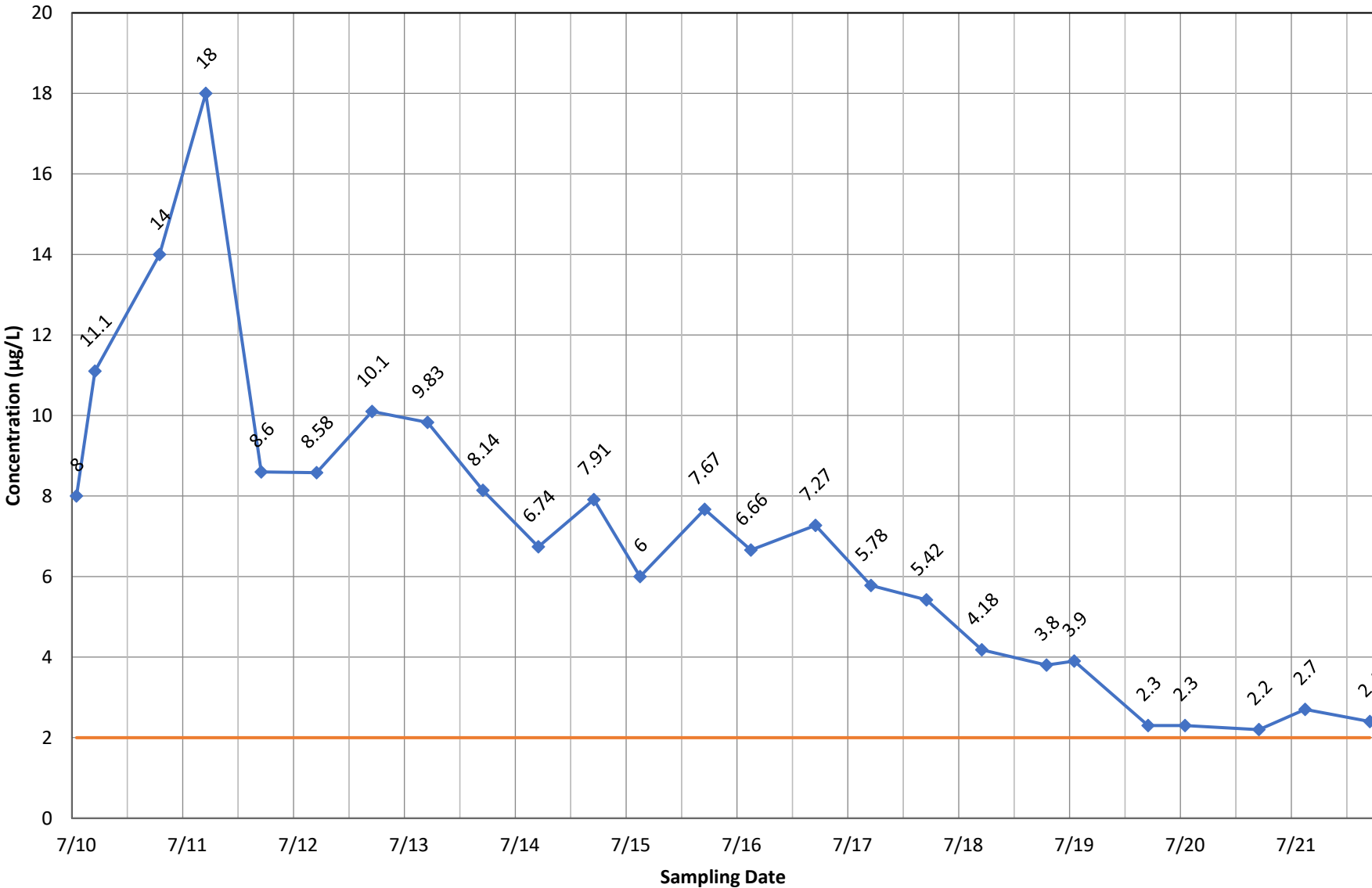
◆ Concentration — Current MCL

Monitoring Well MW-13A - Trichloroethene



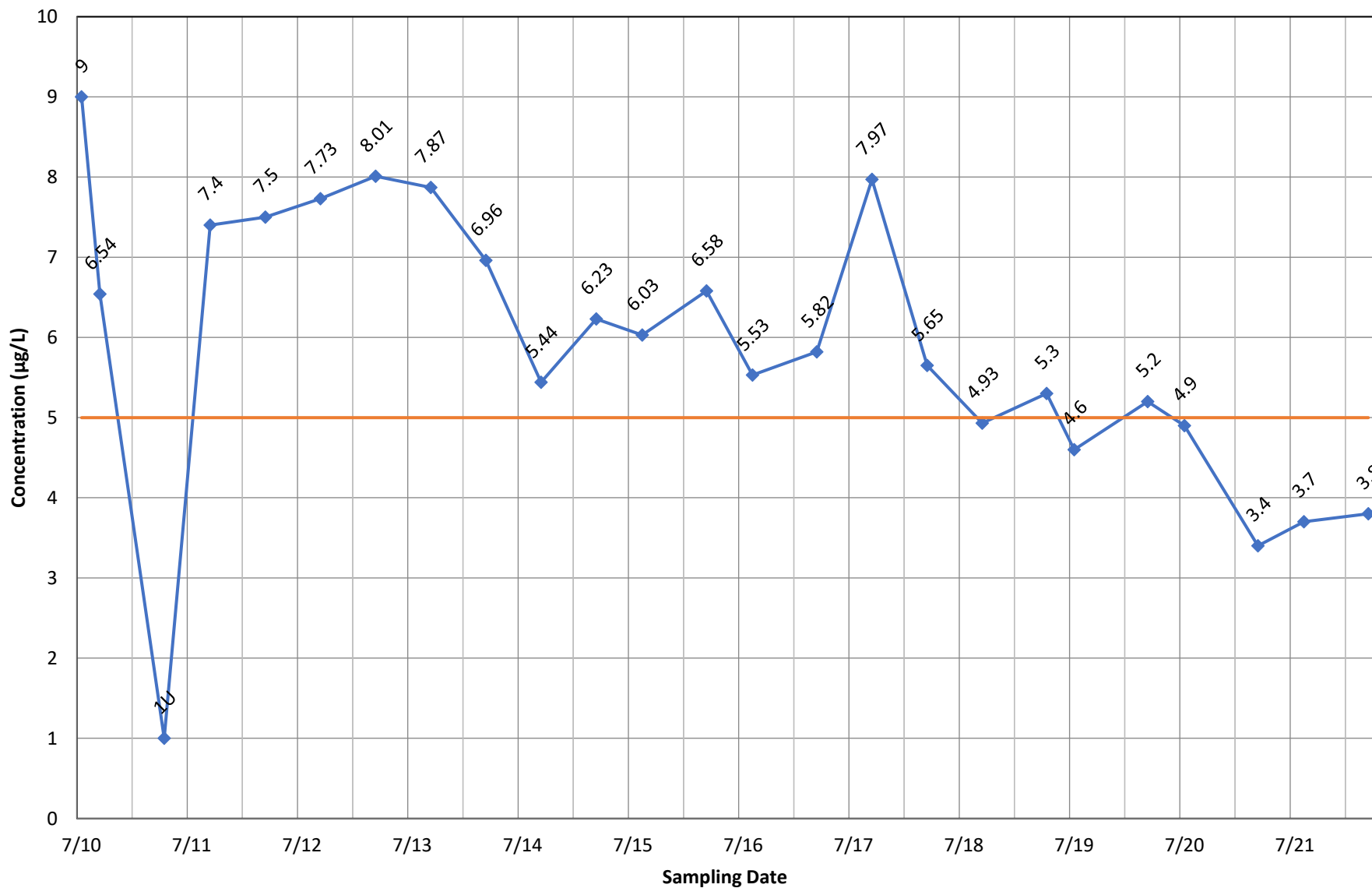
◆ Concentration — Current MCL

Monitoring Well MW-13A - Vinyl Chloride



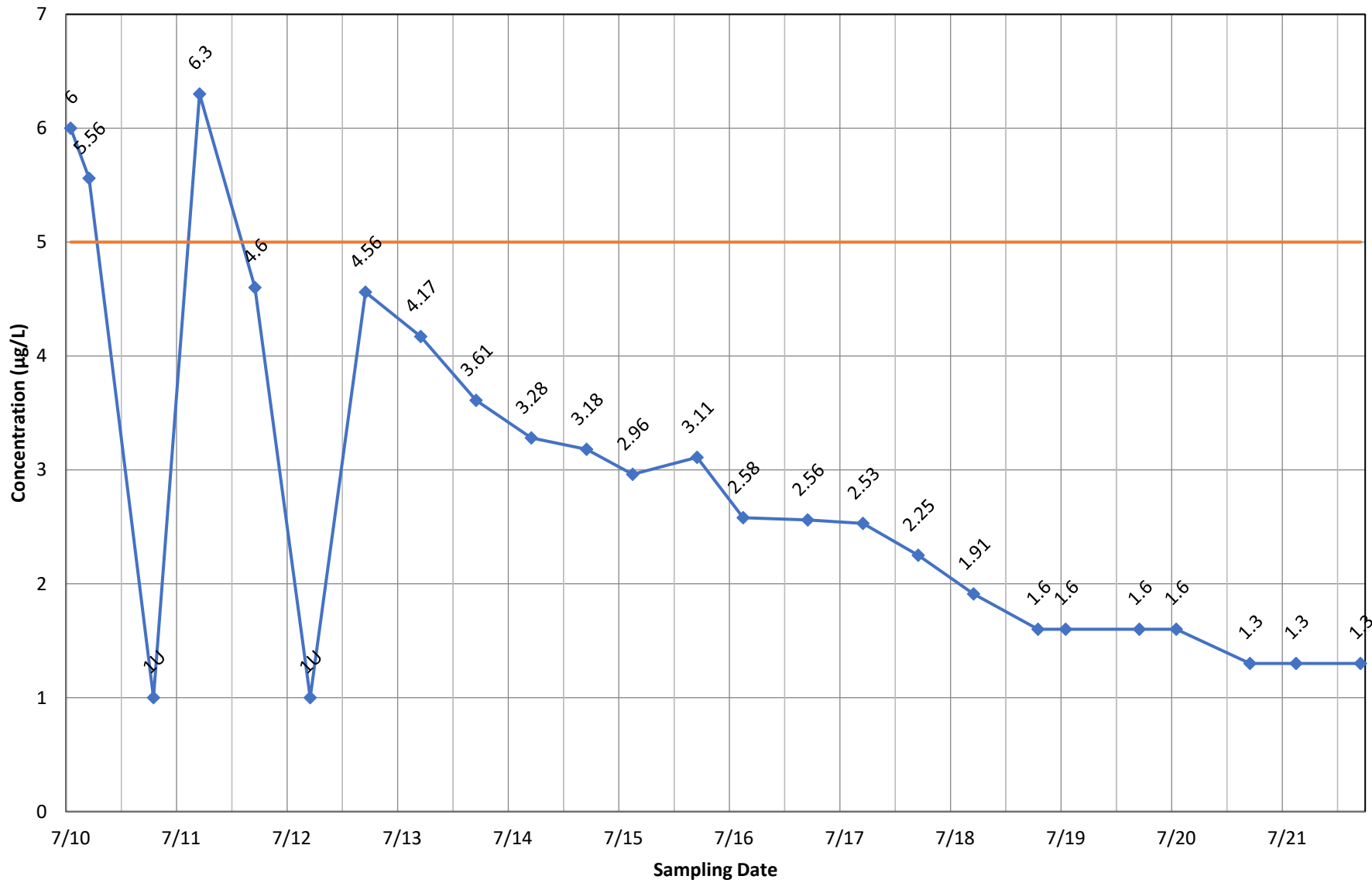
◆ Concentration — Current MCL

Monitoring Well MW-13B - 1,2-Dichloropropane



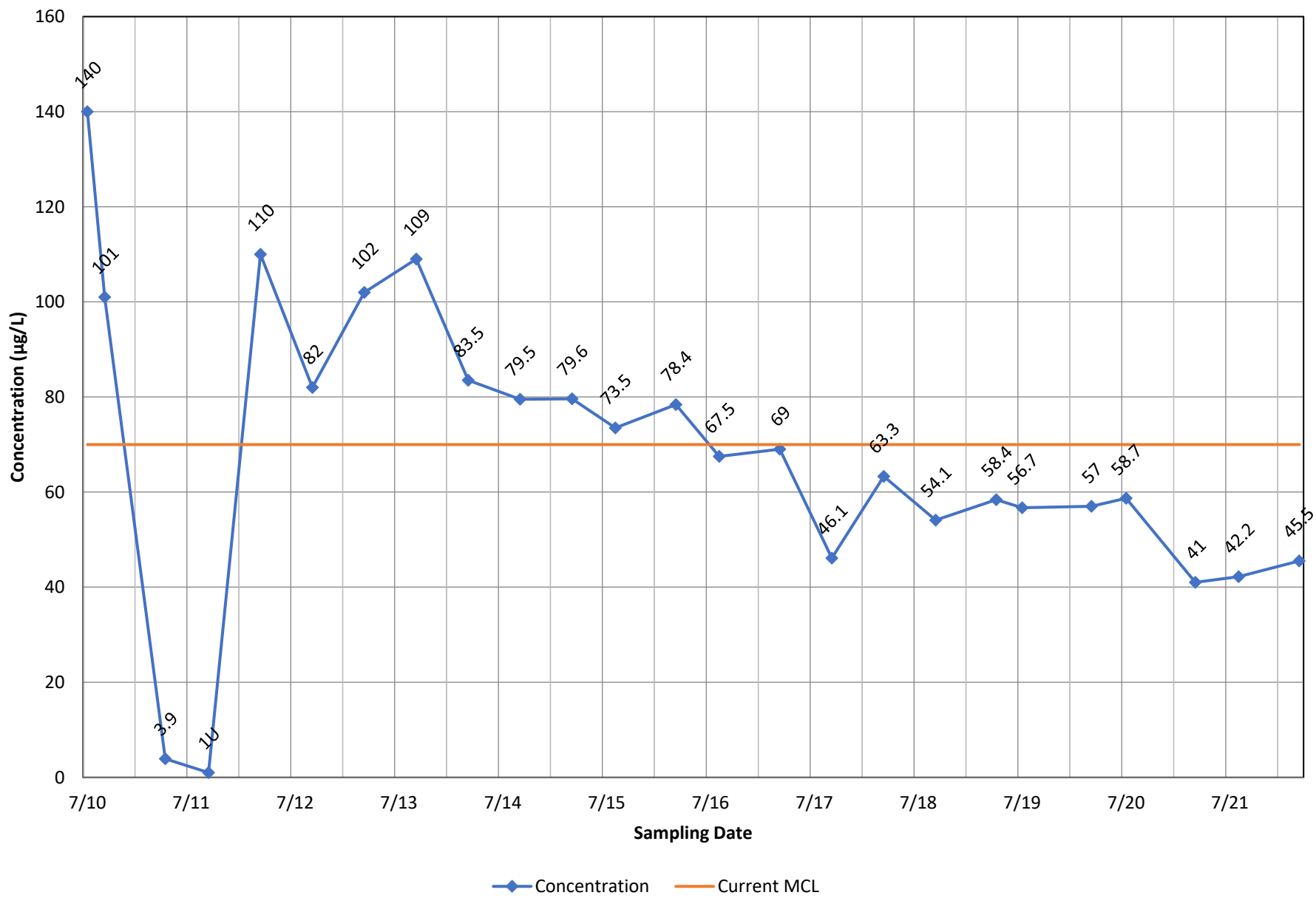
◆ Concentration — Current MCL

Monitoring Well MW-13B - Benzene

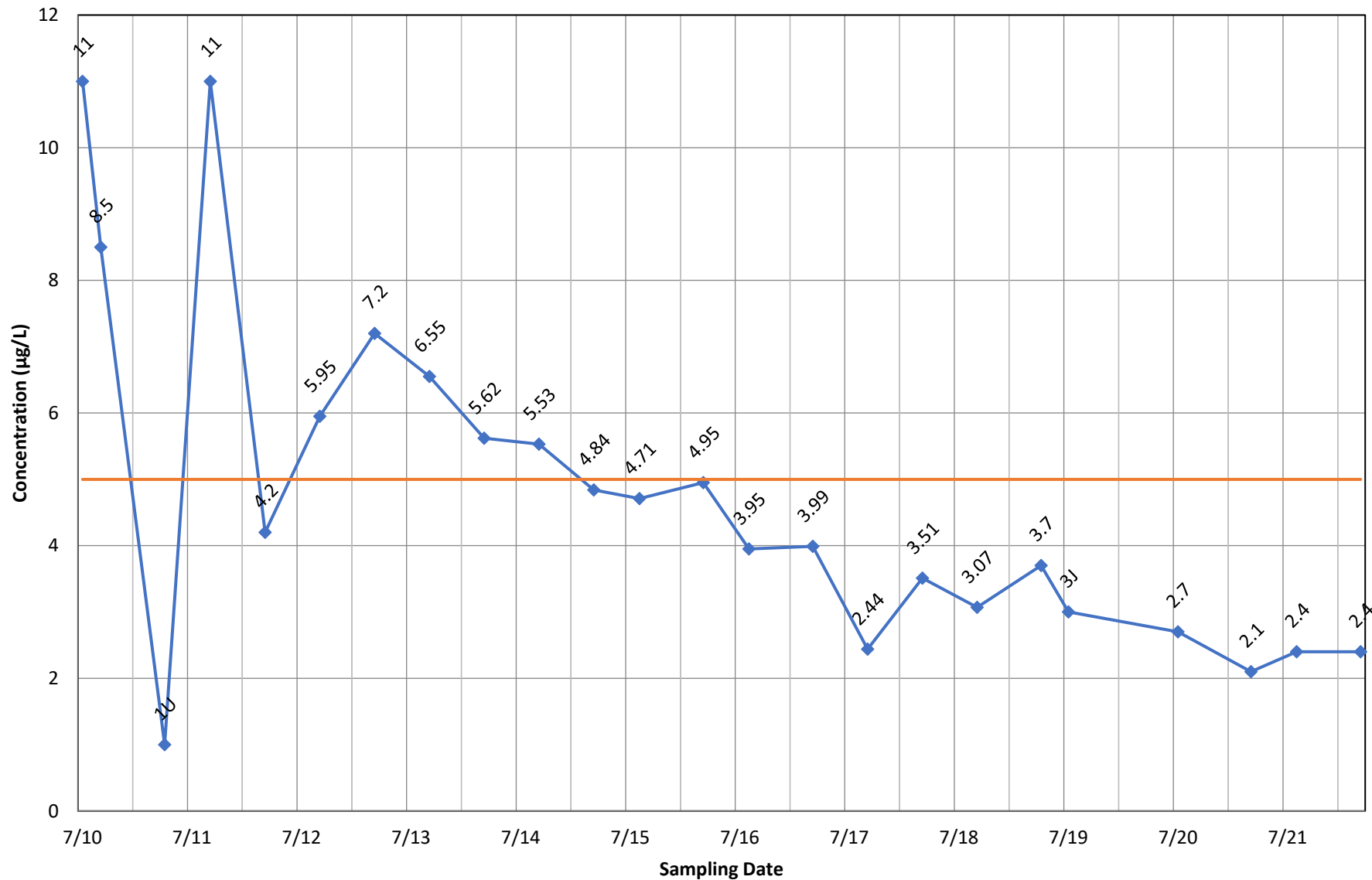


◆ Concentration — Current MCL

Monitoring Well MW-13B - cis-1,2-Dichloroethene

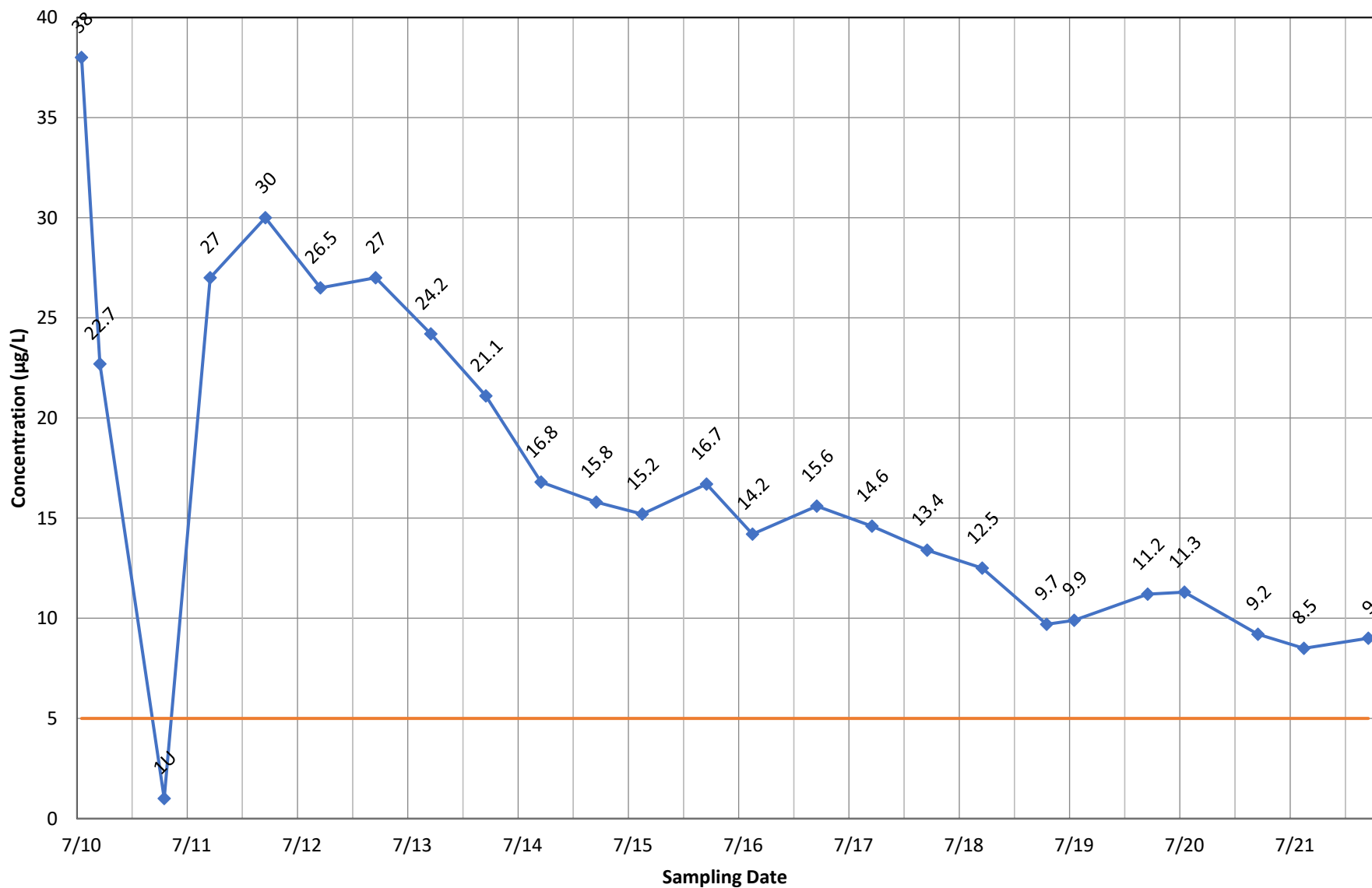


Monitoring Well MW-13B - Methylene Chloride



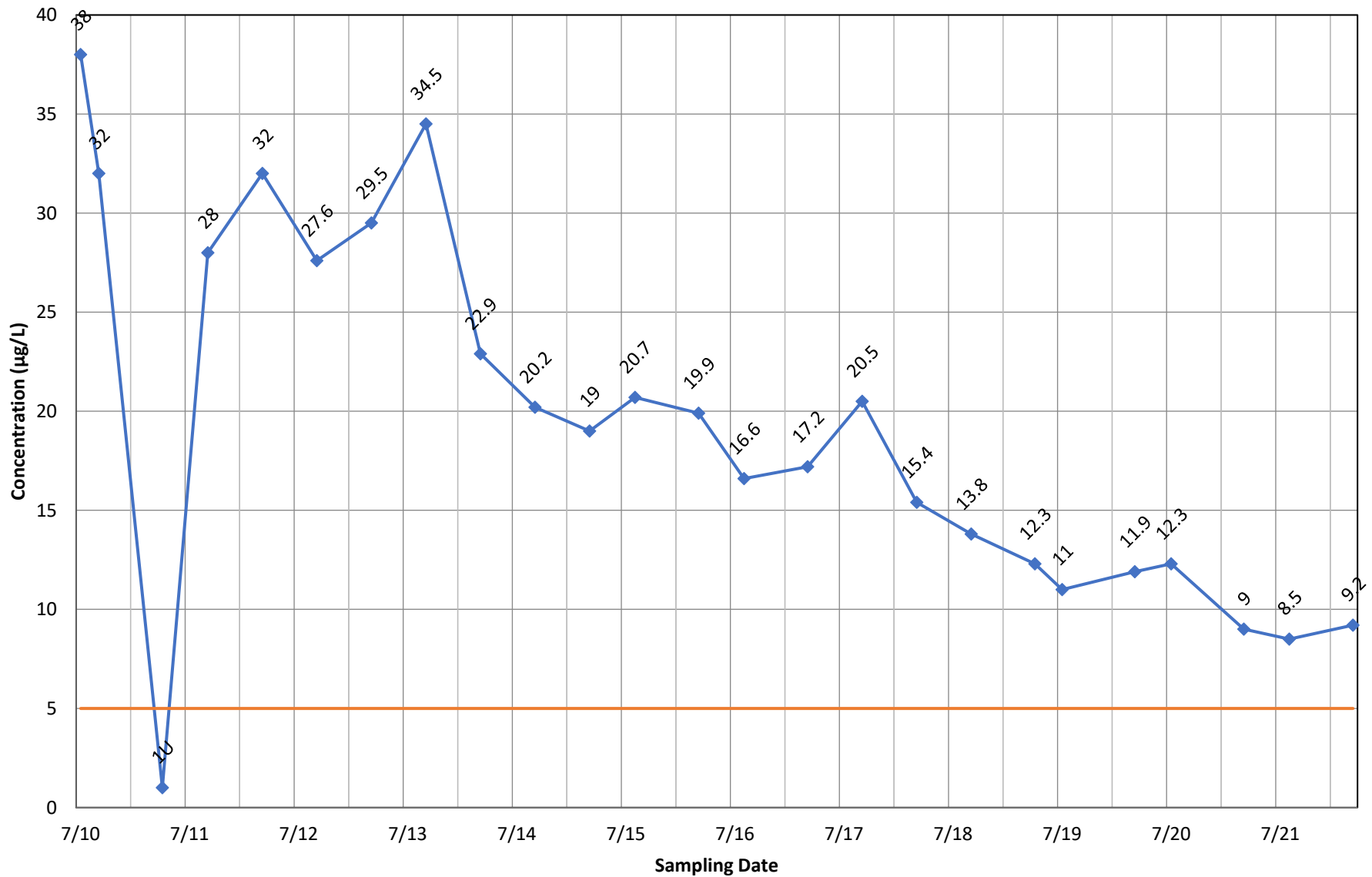
◆ Concentration — Current MCL

Monitoring Well MW-13B - Tetrachloroethene



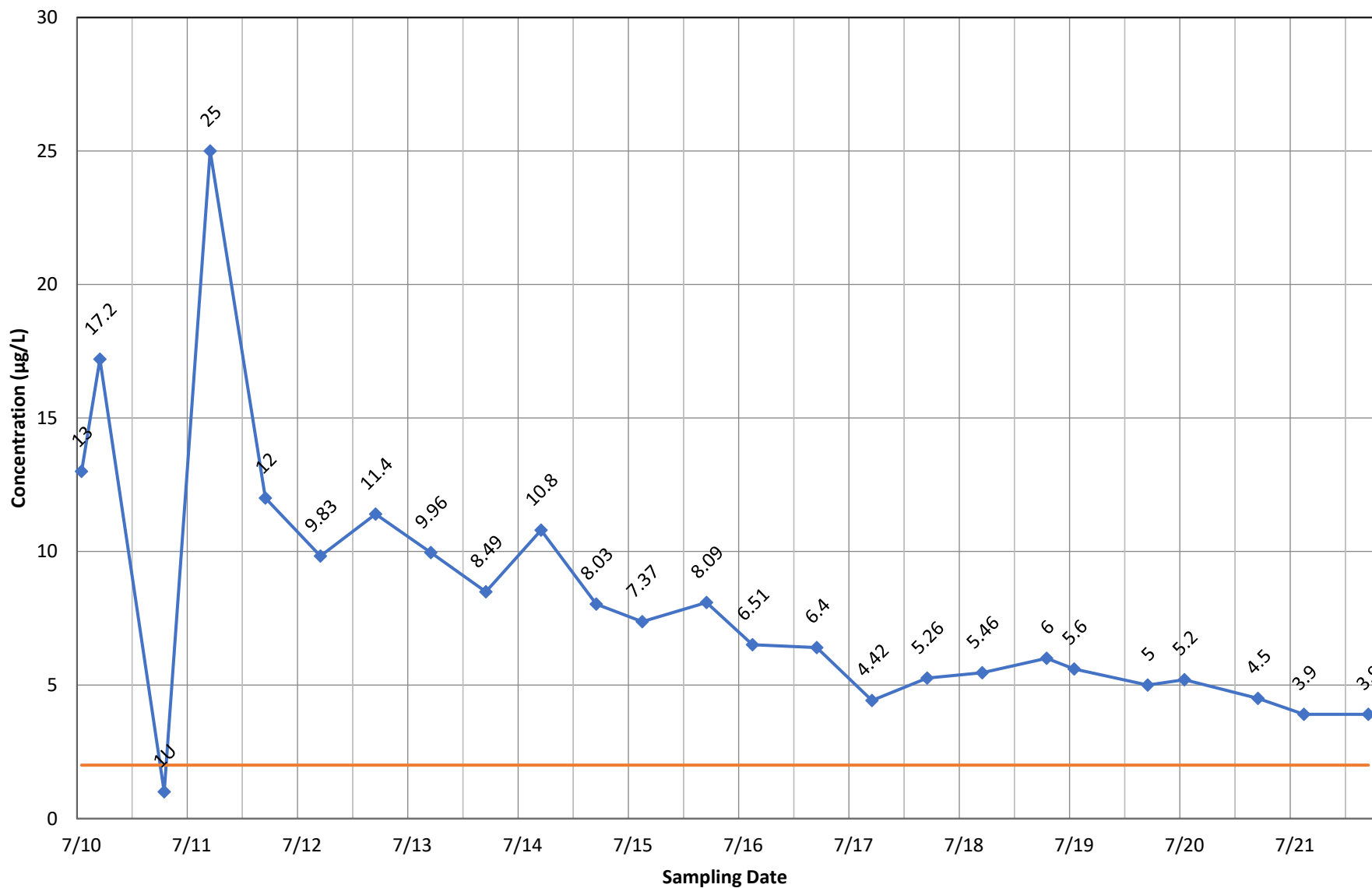
◆ Concentration — Current MCL

Monitoring Well MW-13B - Trichloroethene



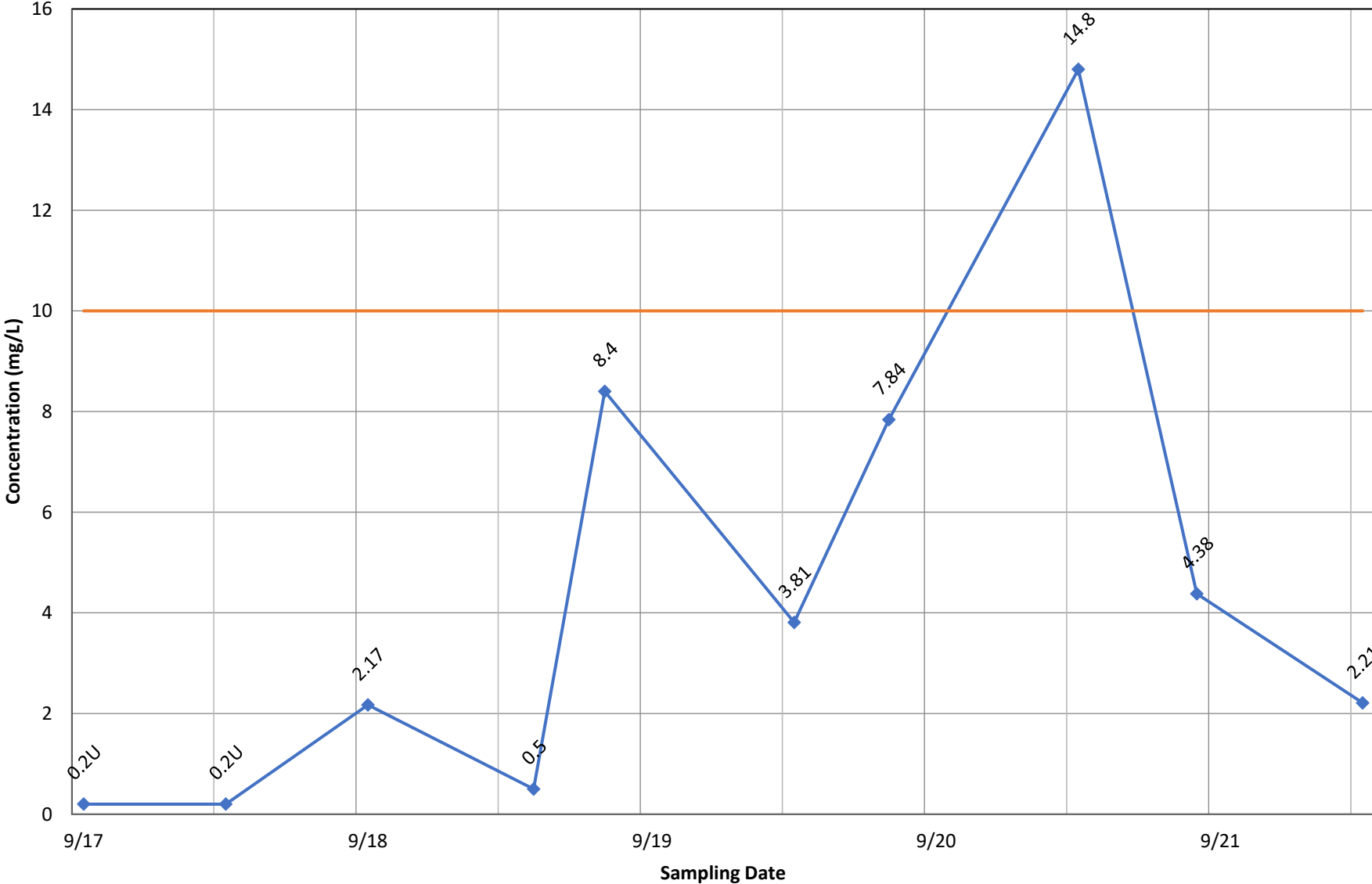
◆ Concentration — Current MCL

Monitoring Well MW-13B - Vinyl Chloride



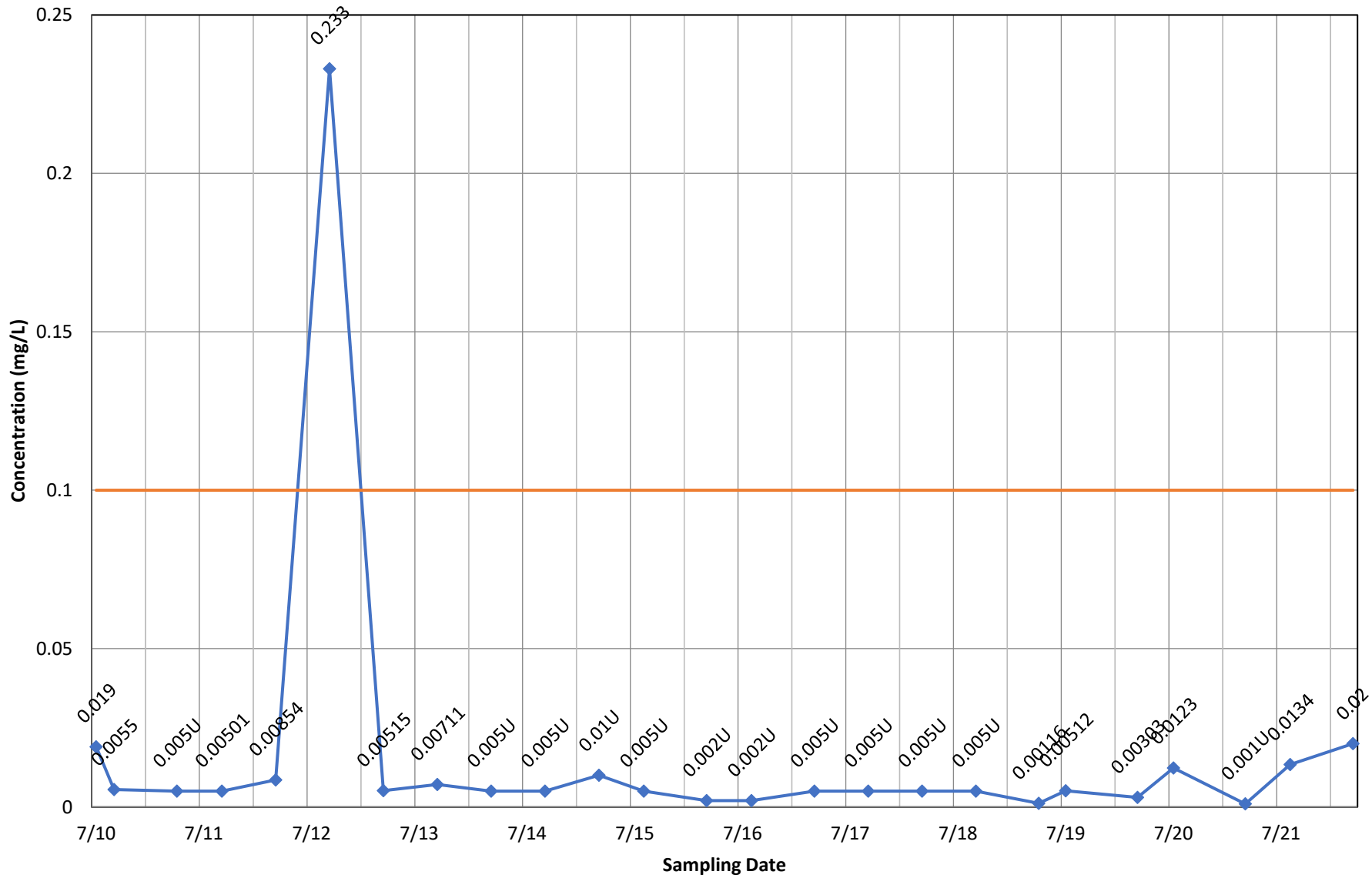
◆ Concentration — Current MCL

Monitoring Well MW-16A - Nitrate



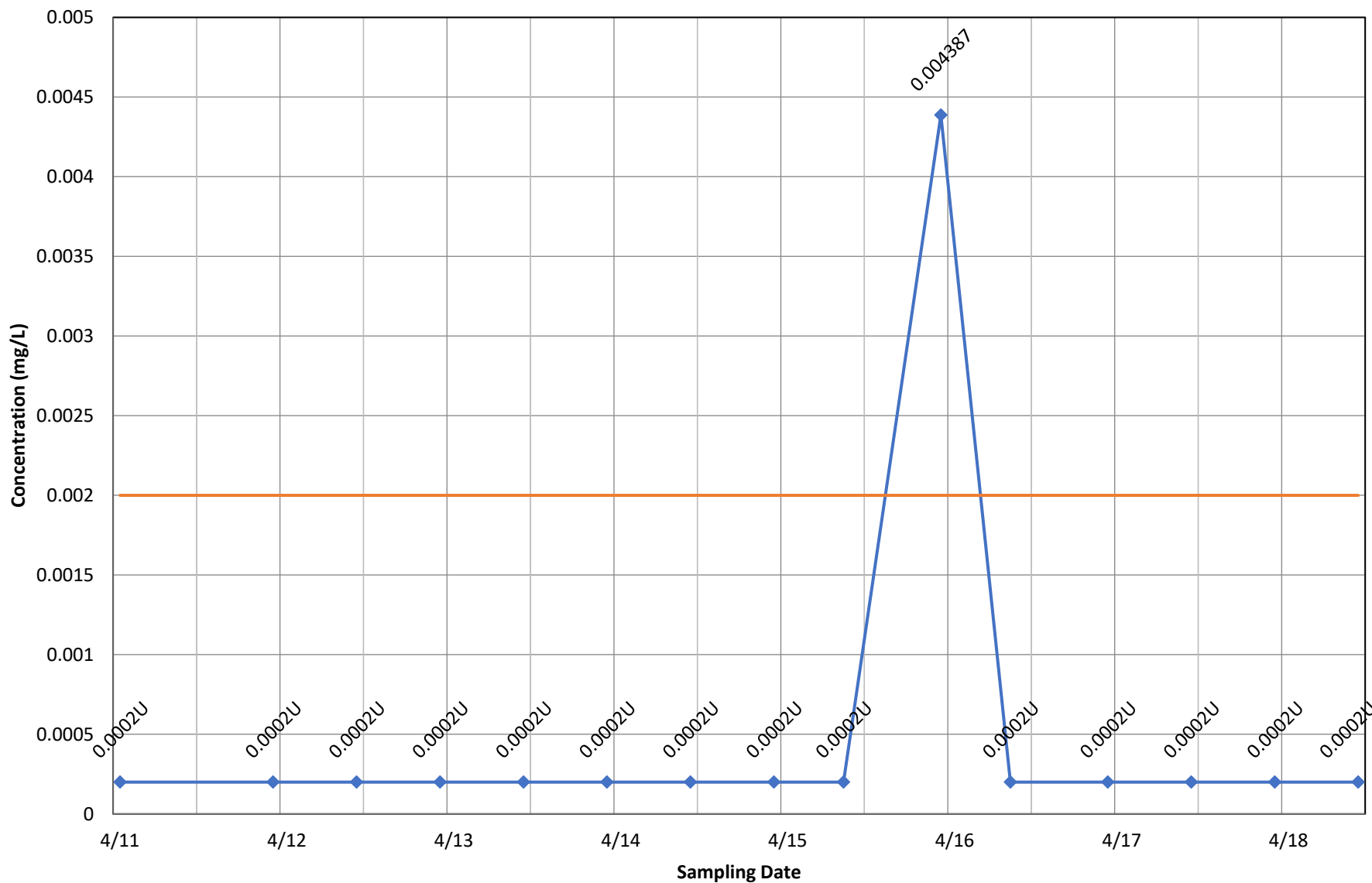
◆ Concentration — Current MCL

Monitoring Well MW-1B - Chromium, total



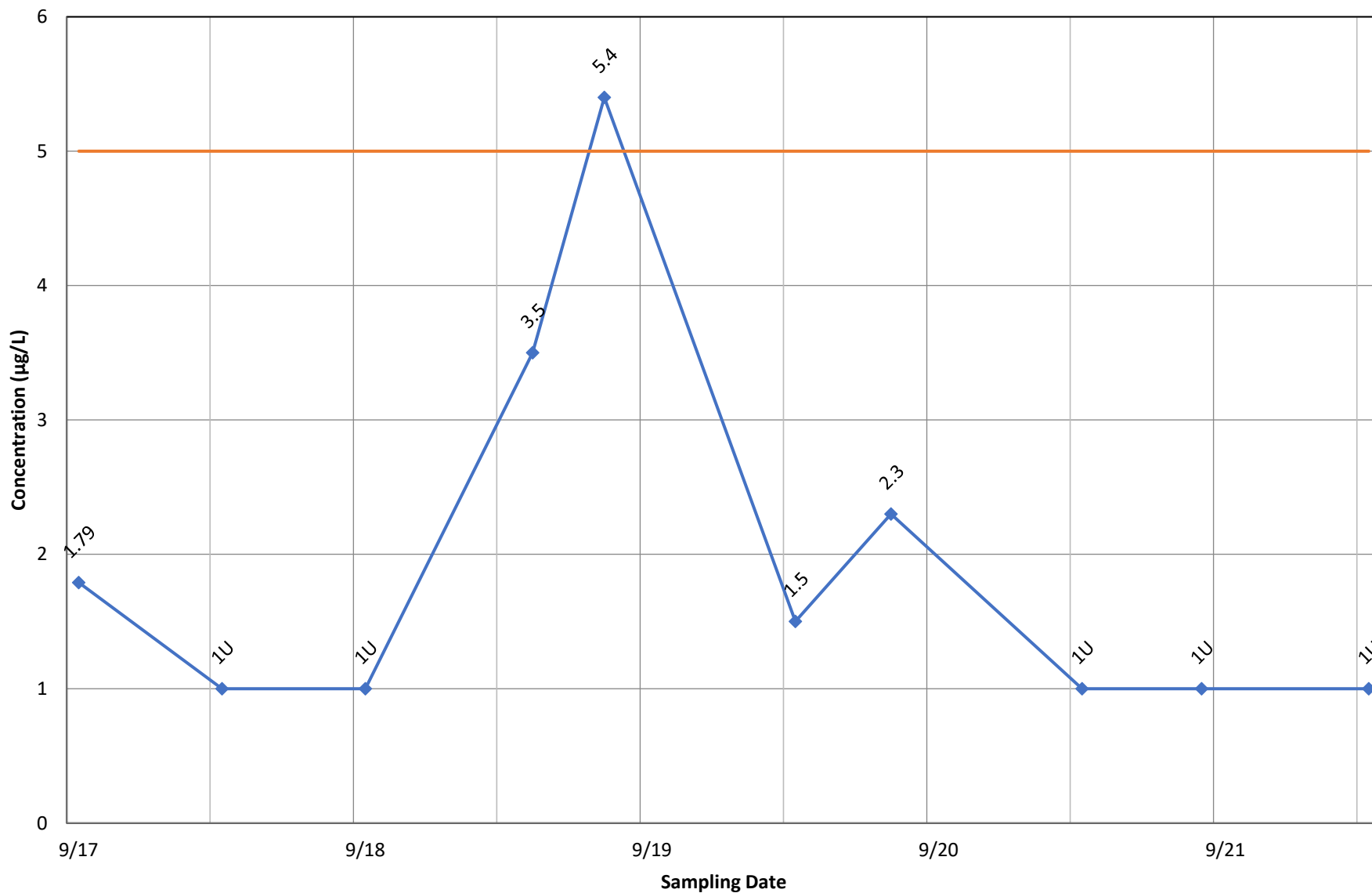
◆ Concentration — Current MCL

Monitoring Well MW-1B - Mercury, dissolved



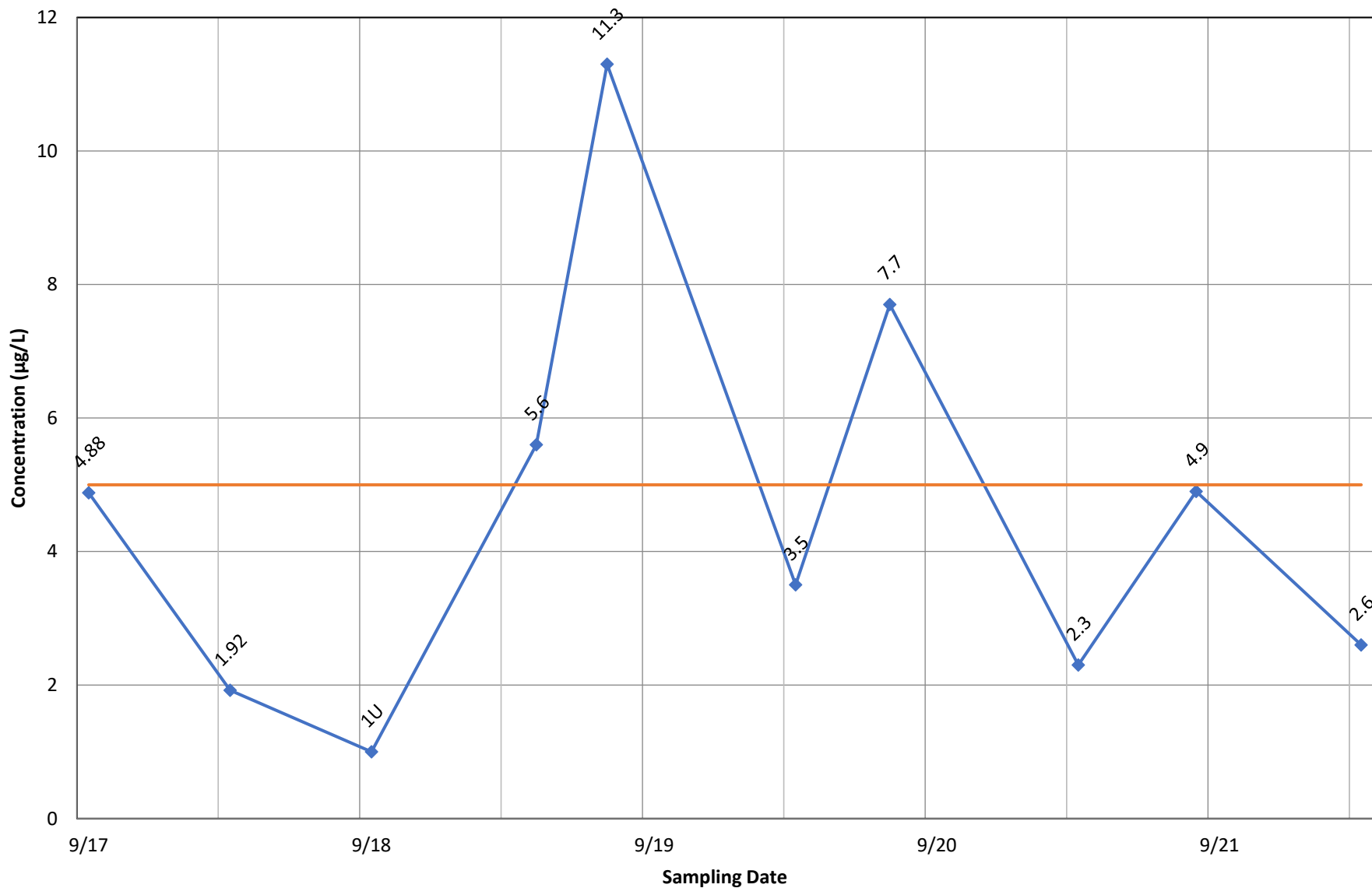
◆ Concentration — Current MCL

Monitoring Well MW-21A - Tetrachloroethene



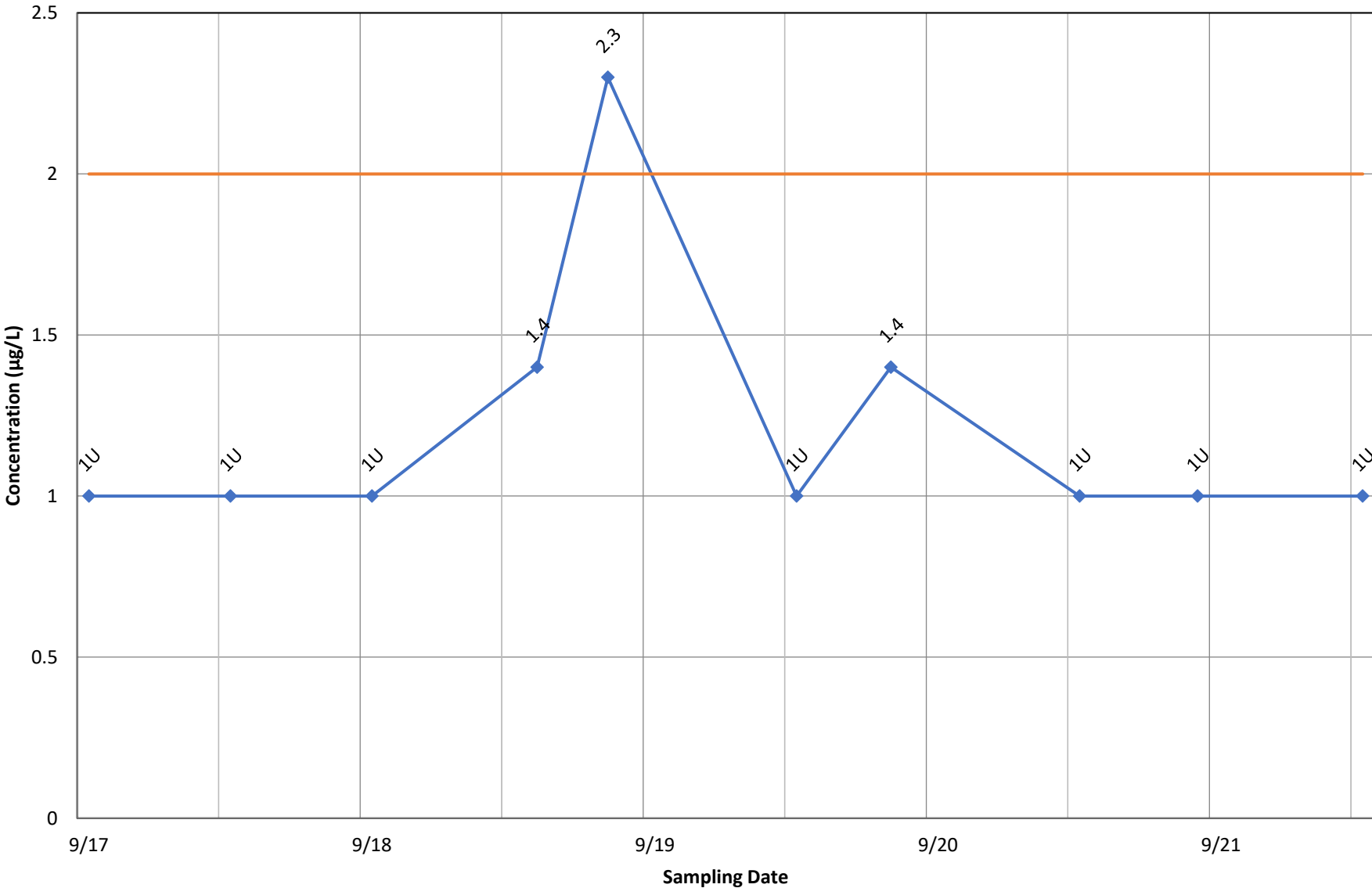
◆ Concentration — Current MCL

Monitoring Well MW-21A - Trichloroethene



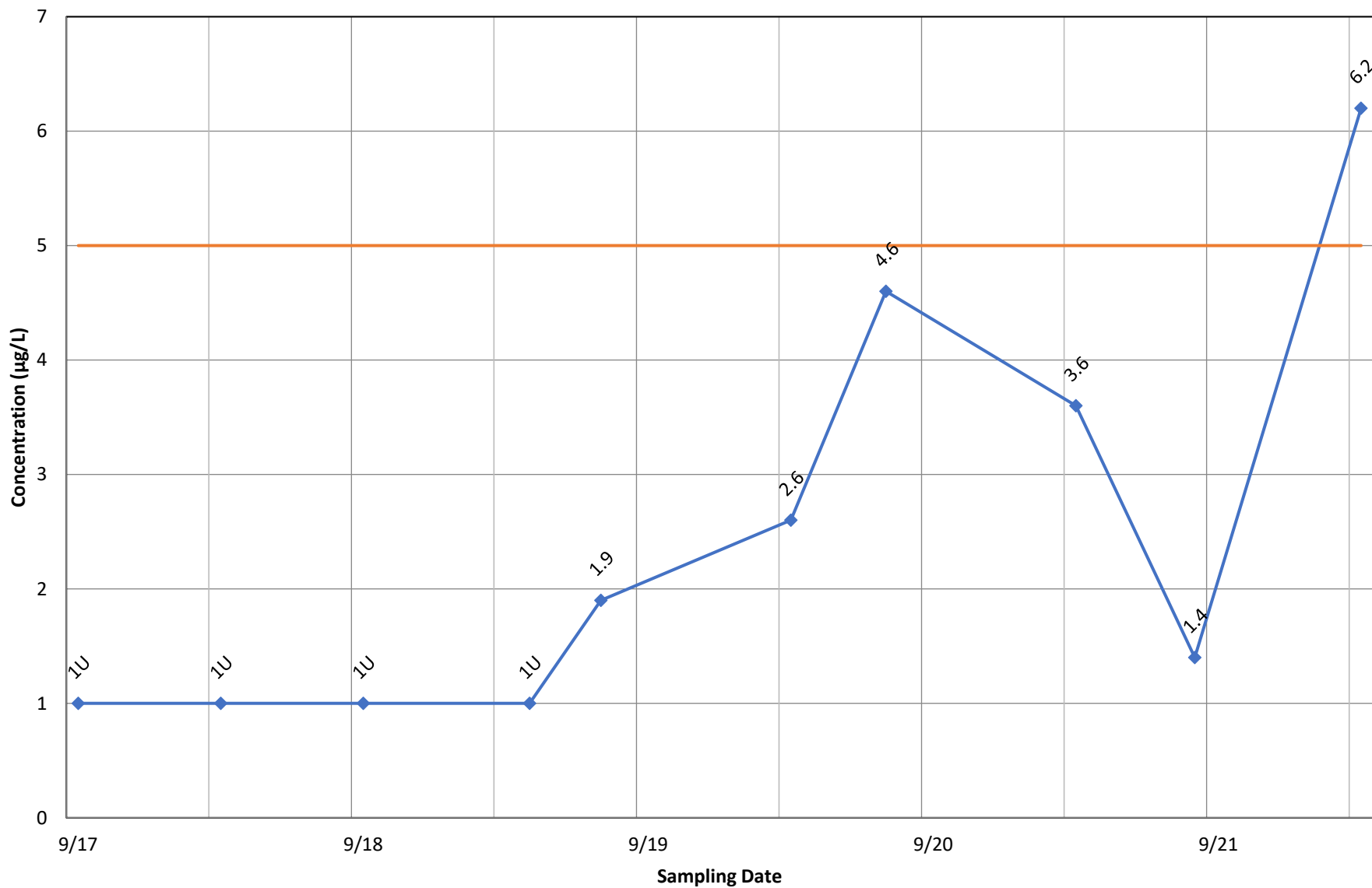
◆ Concentration — Current MCL

Monitoring Well MW-21A - Vinyl Chloride



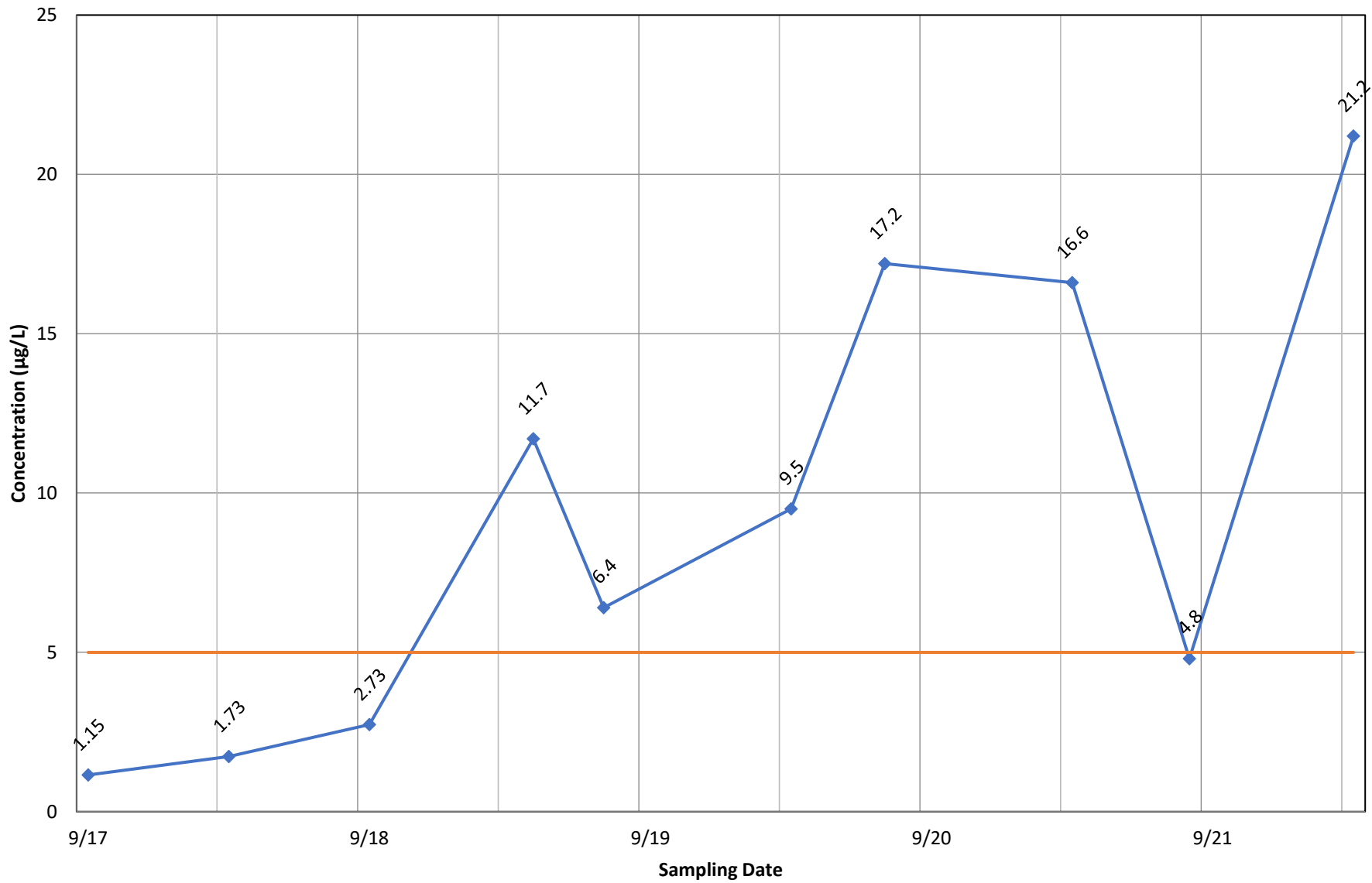
◆ Concentration — Current MCL

Monitoring Well MW-21B - Tetrachloroethene



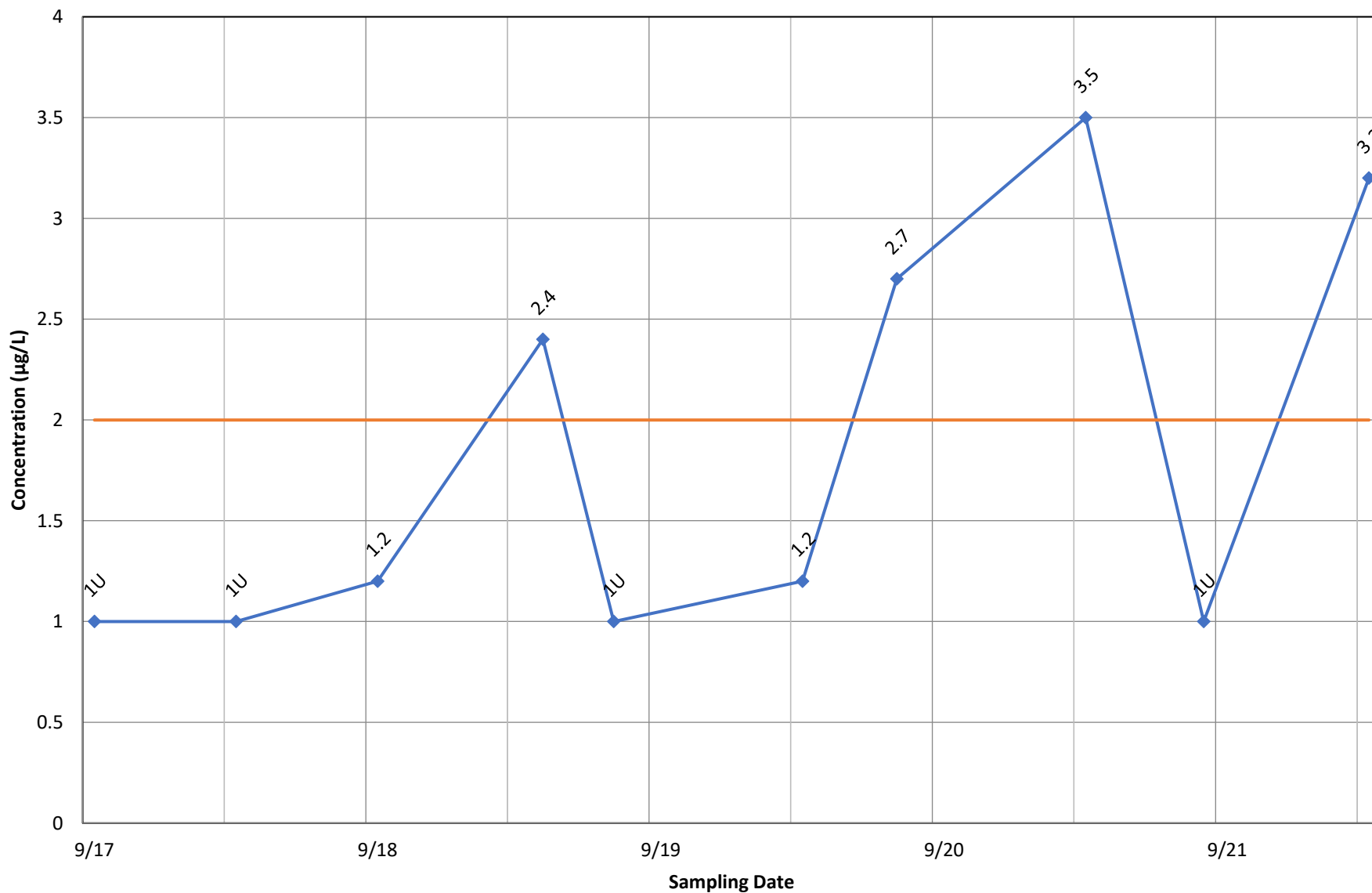
◆ Concentration — Current MCL

Monitoring Well MW-21B - Trichloroethene



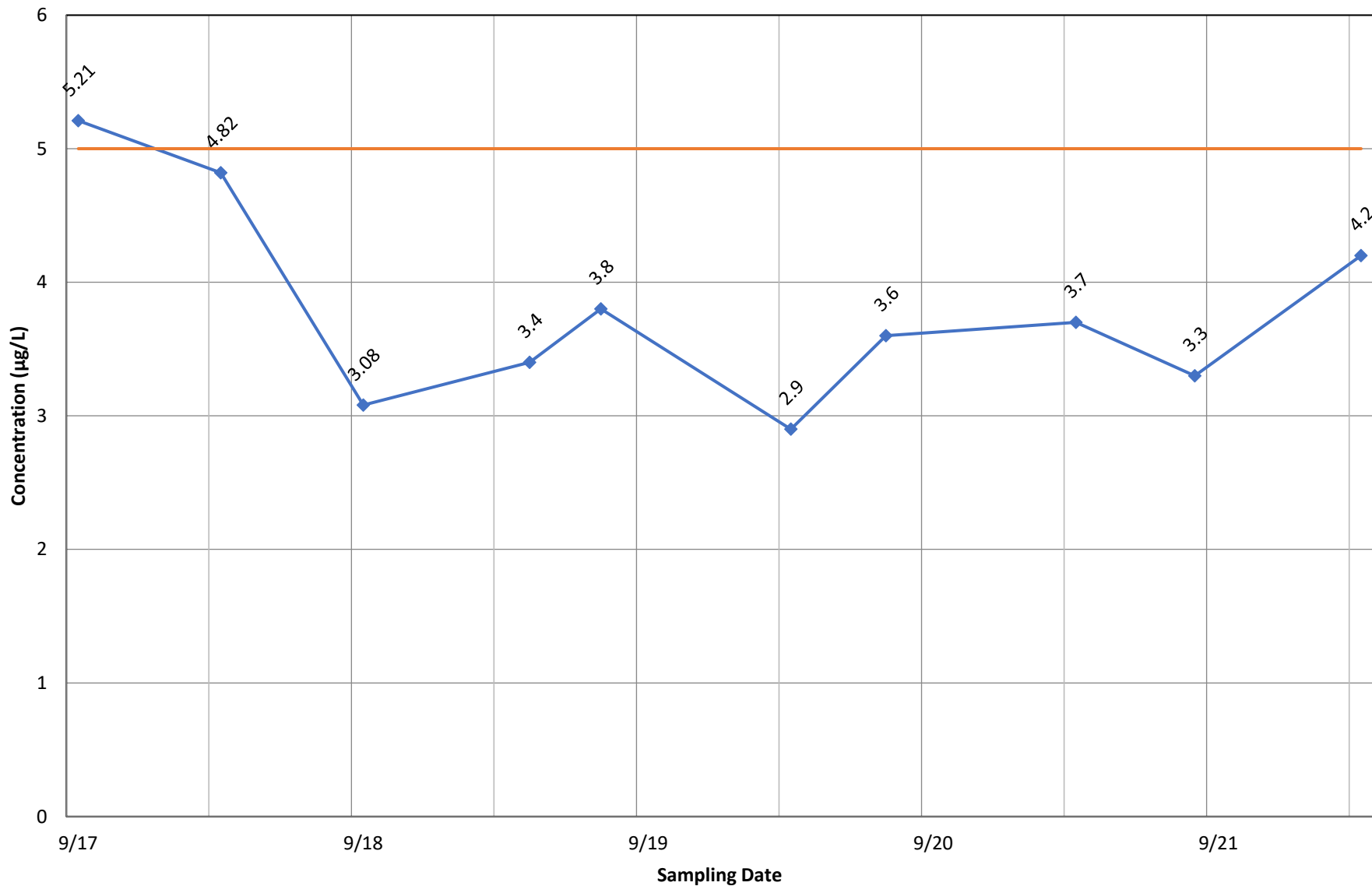
◆ Concentration — Current MCL

Monitoring Well MW-21B - Vinyl Chloride



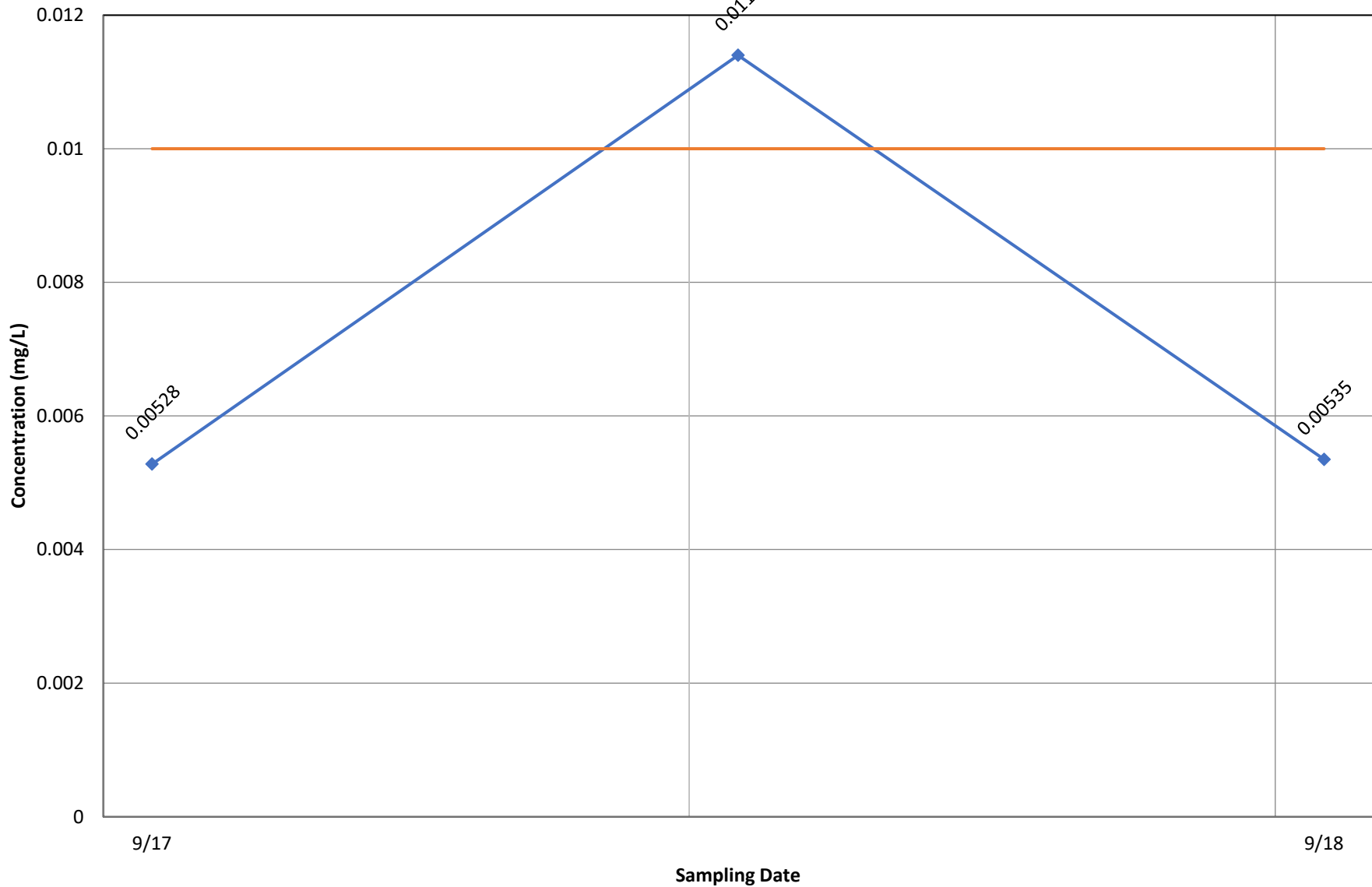
◆ Concentration — Current MCL

Monitoring Well MW-22A - Trichloroethene



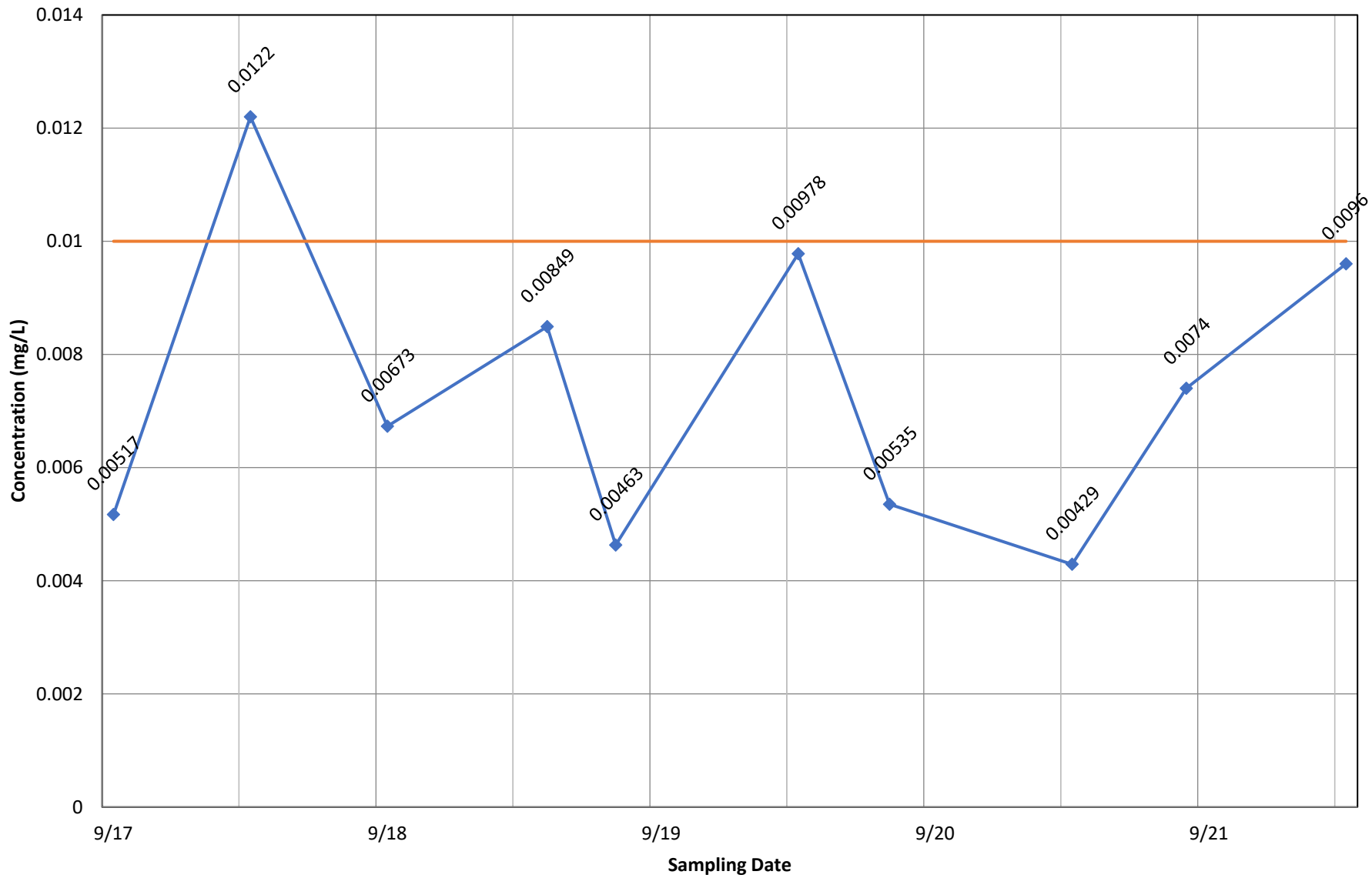
◆ Concentration — Current MCL

Monitoring Well MW-22B - Arsenic, dissolved



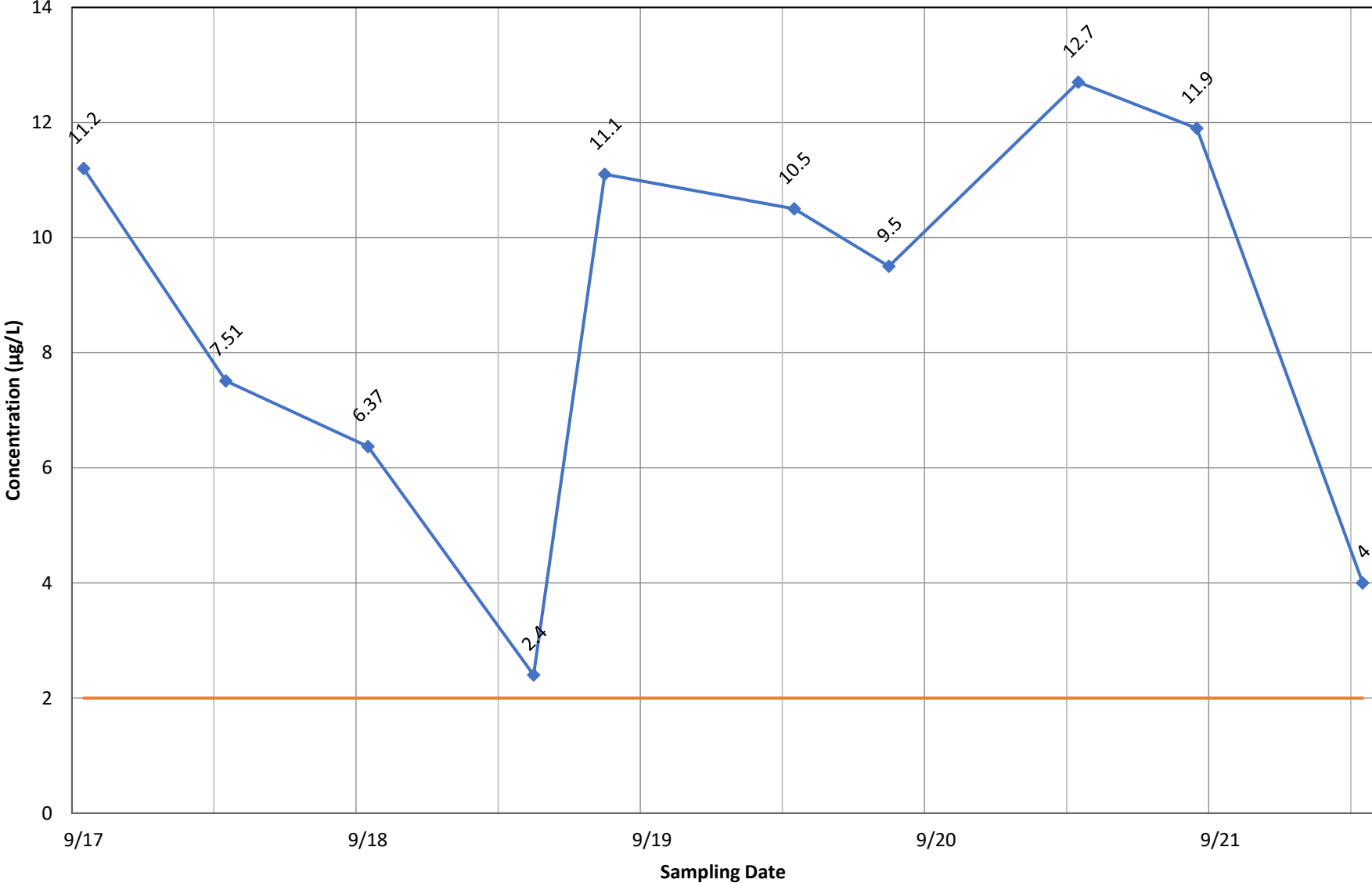
◆ Concentration — Current MCL

Monitoring Well MW-22B - Arsenic, total



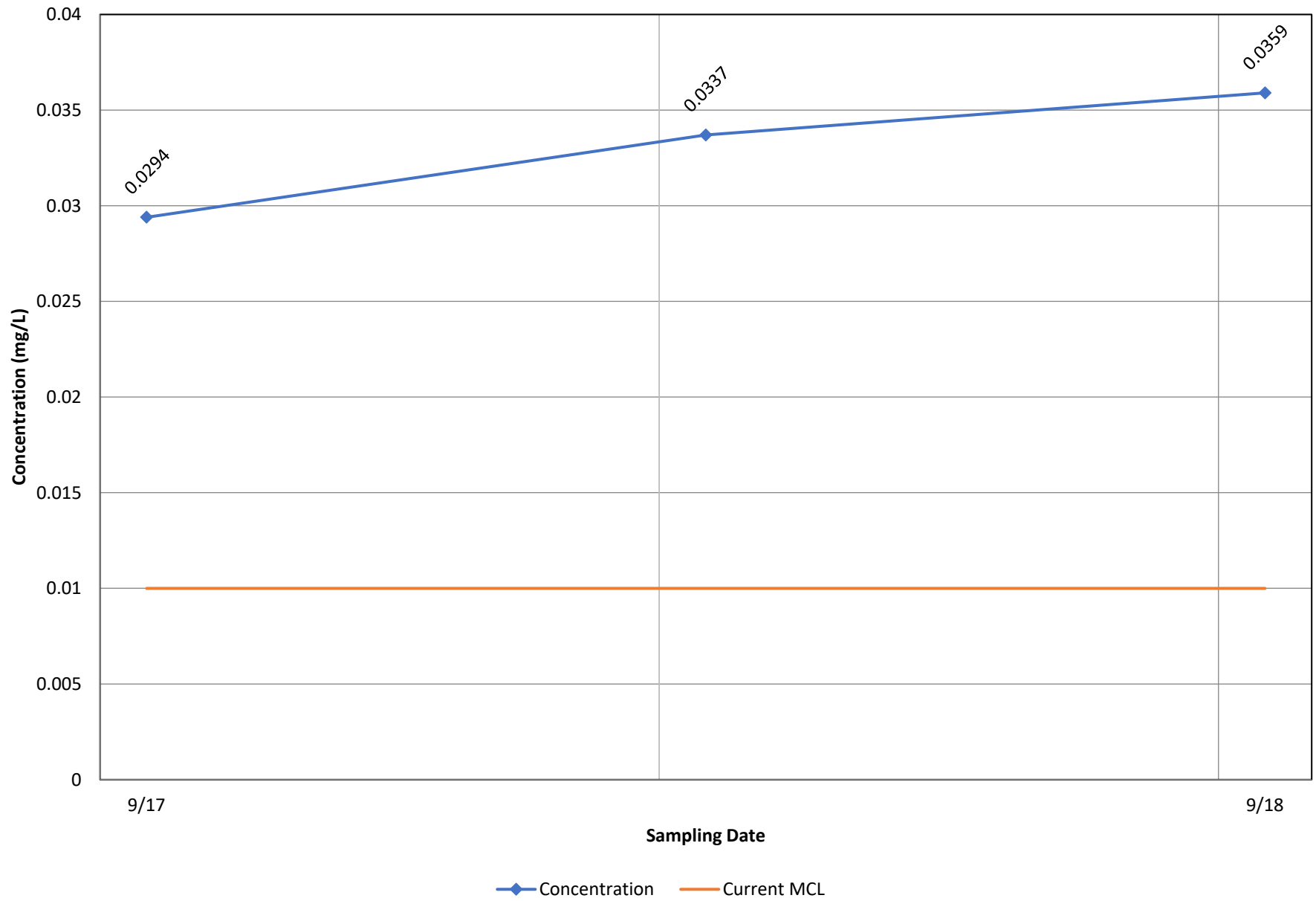
◆ Concentration — Current MCL

Monitoring Well MW-24A - Vinyl Chloride

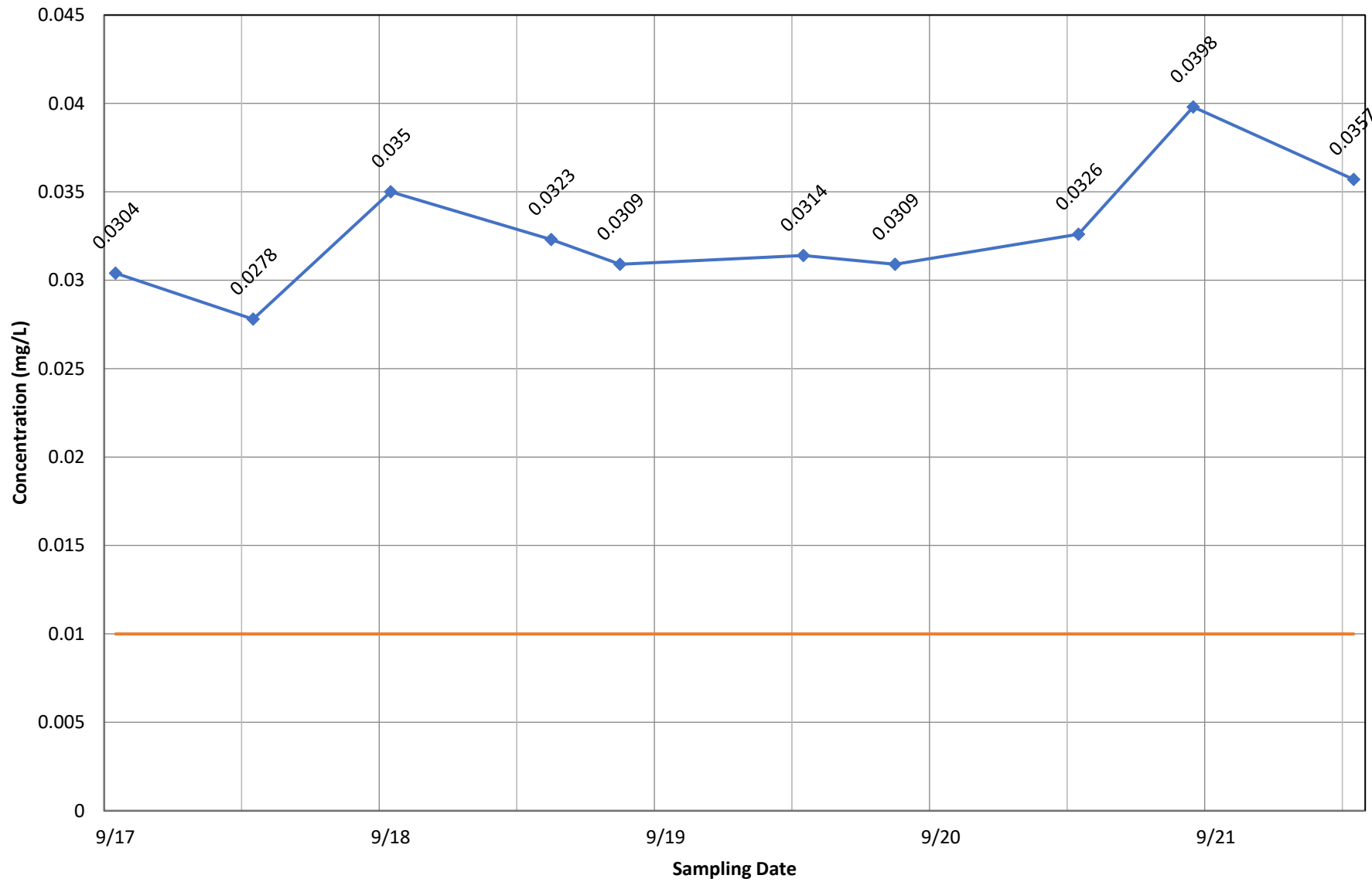


◆ Concentration — Current MCL

Monitoring Well MW-24B - Arsenic, dissolved

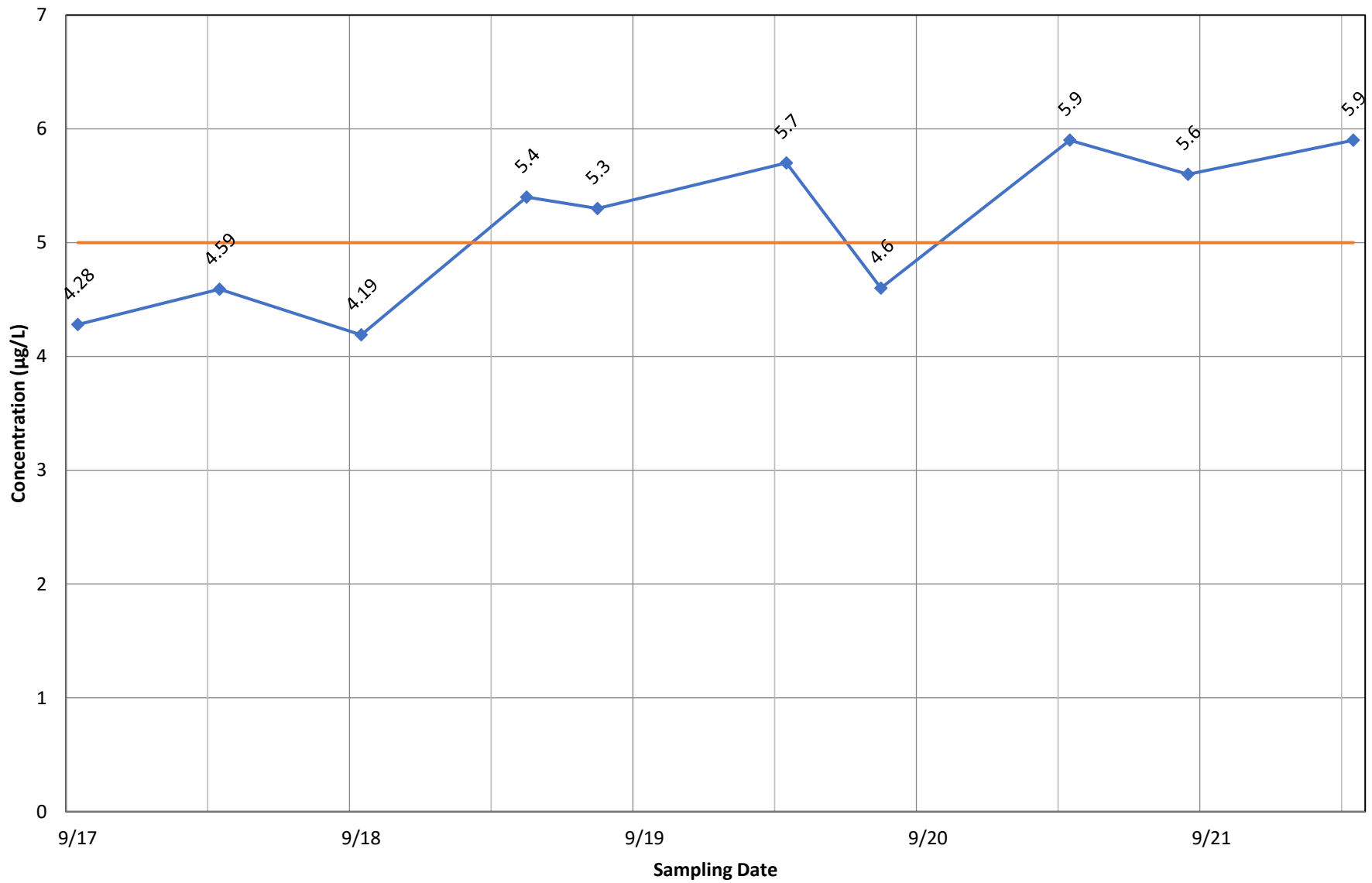


Monitoring Well MW-24B - Arsenic, total



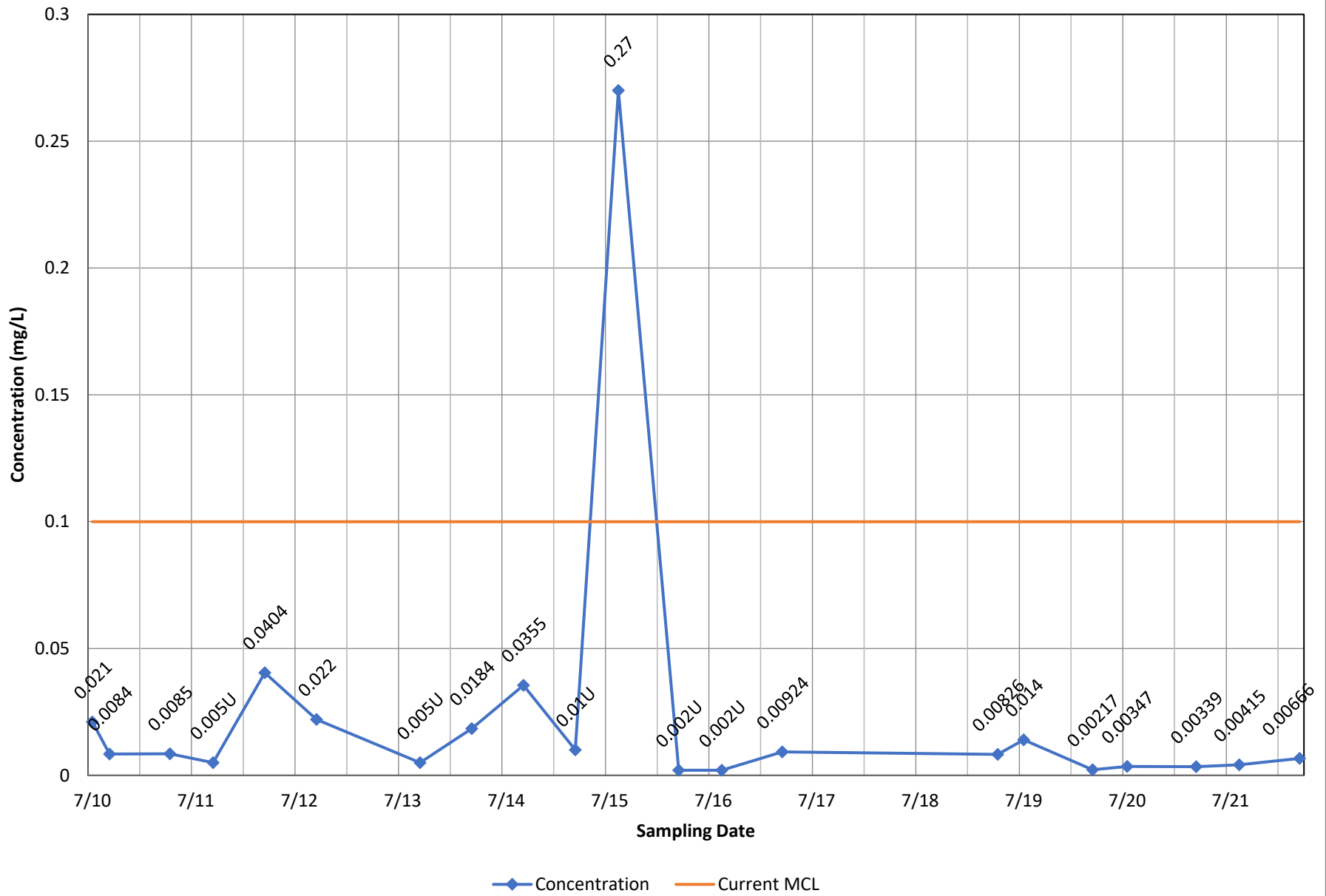
◆ Concentration — Current MCL

Monitoring Well MW-24B - Benzene

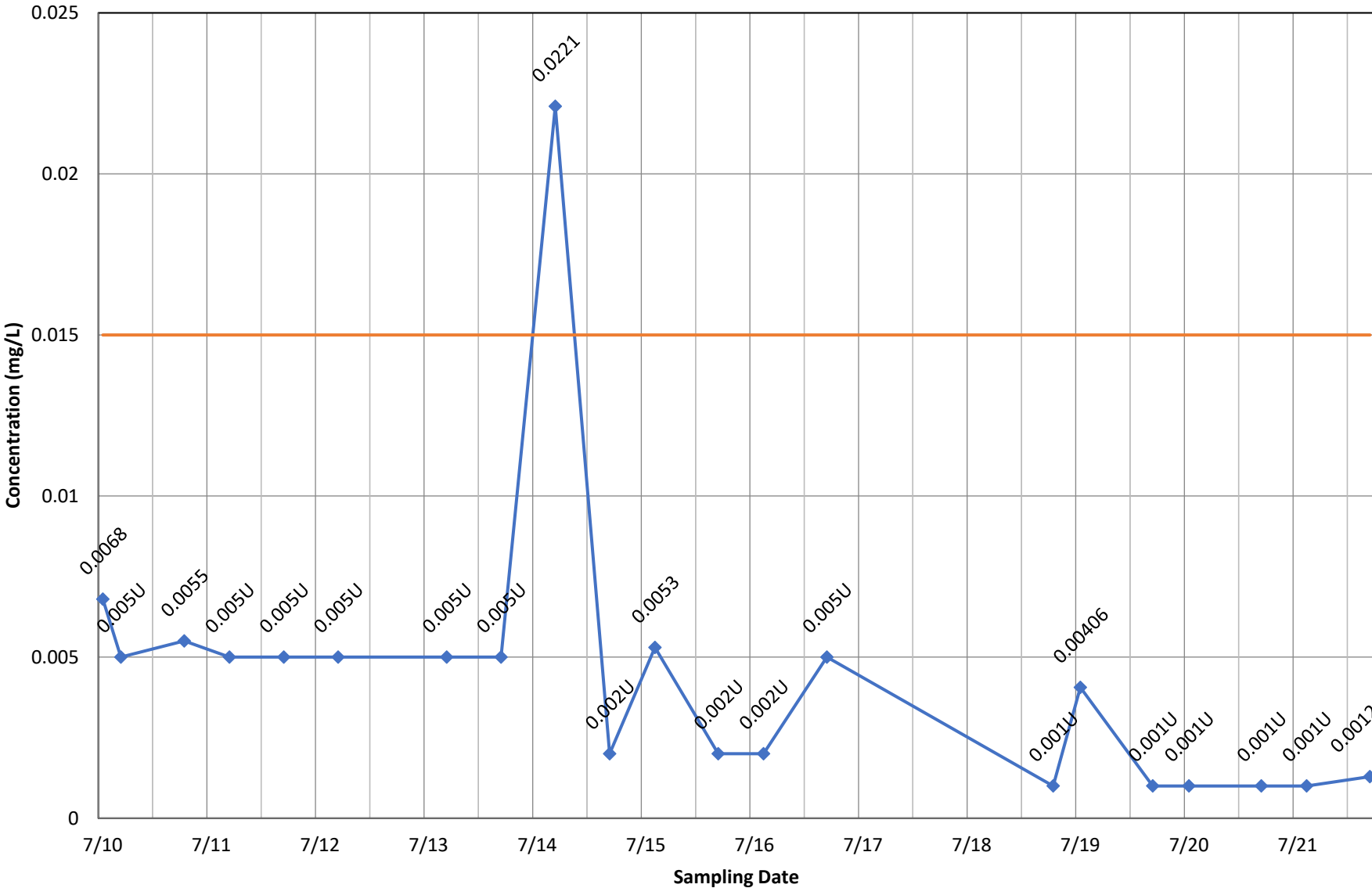


◆ Concentration — Current MCL

Monitoring Well MW-2A - Chromium, total

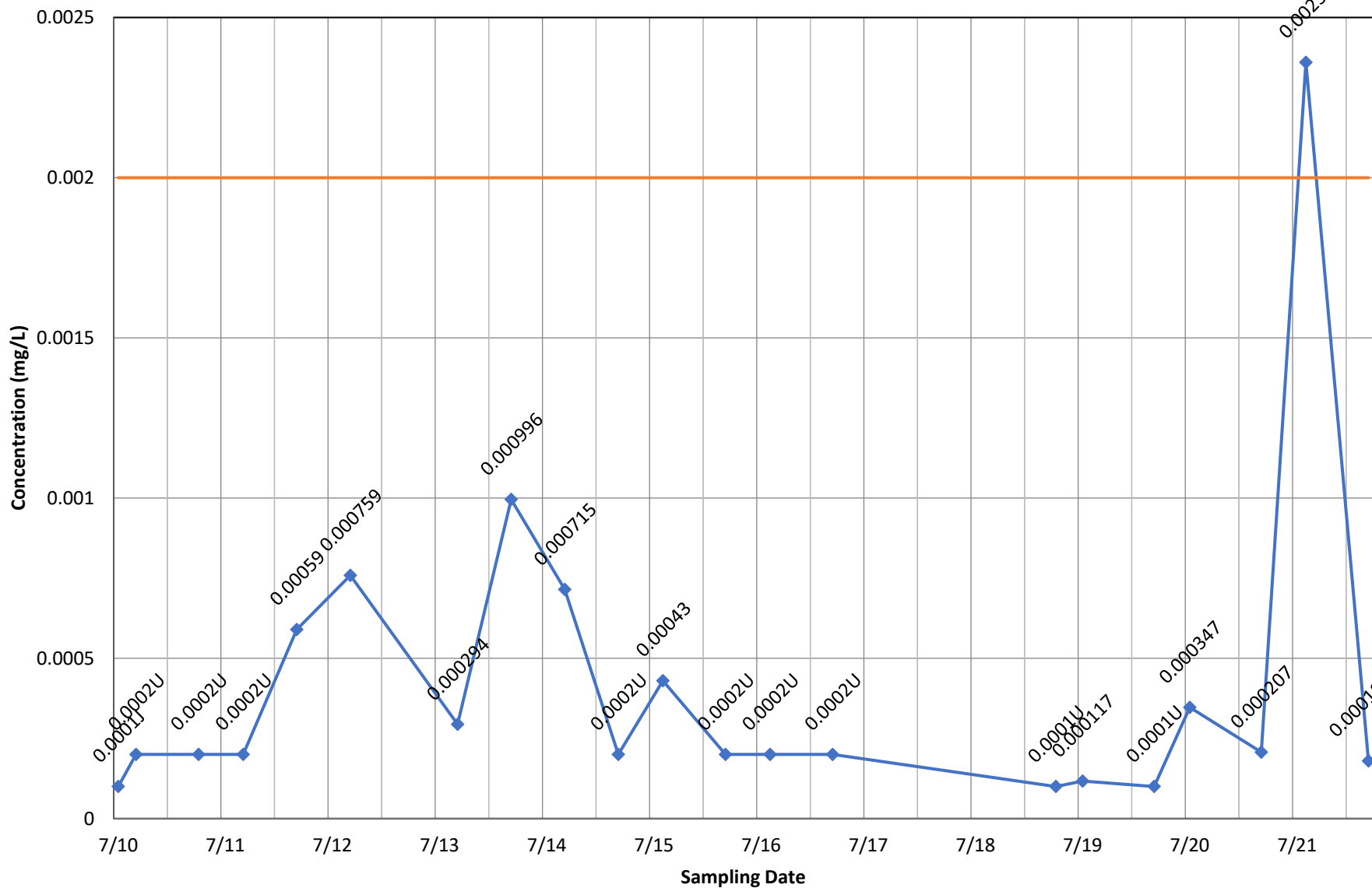


Monitoring Well MW-2A - Lead, total



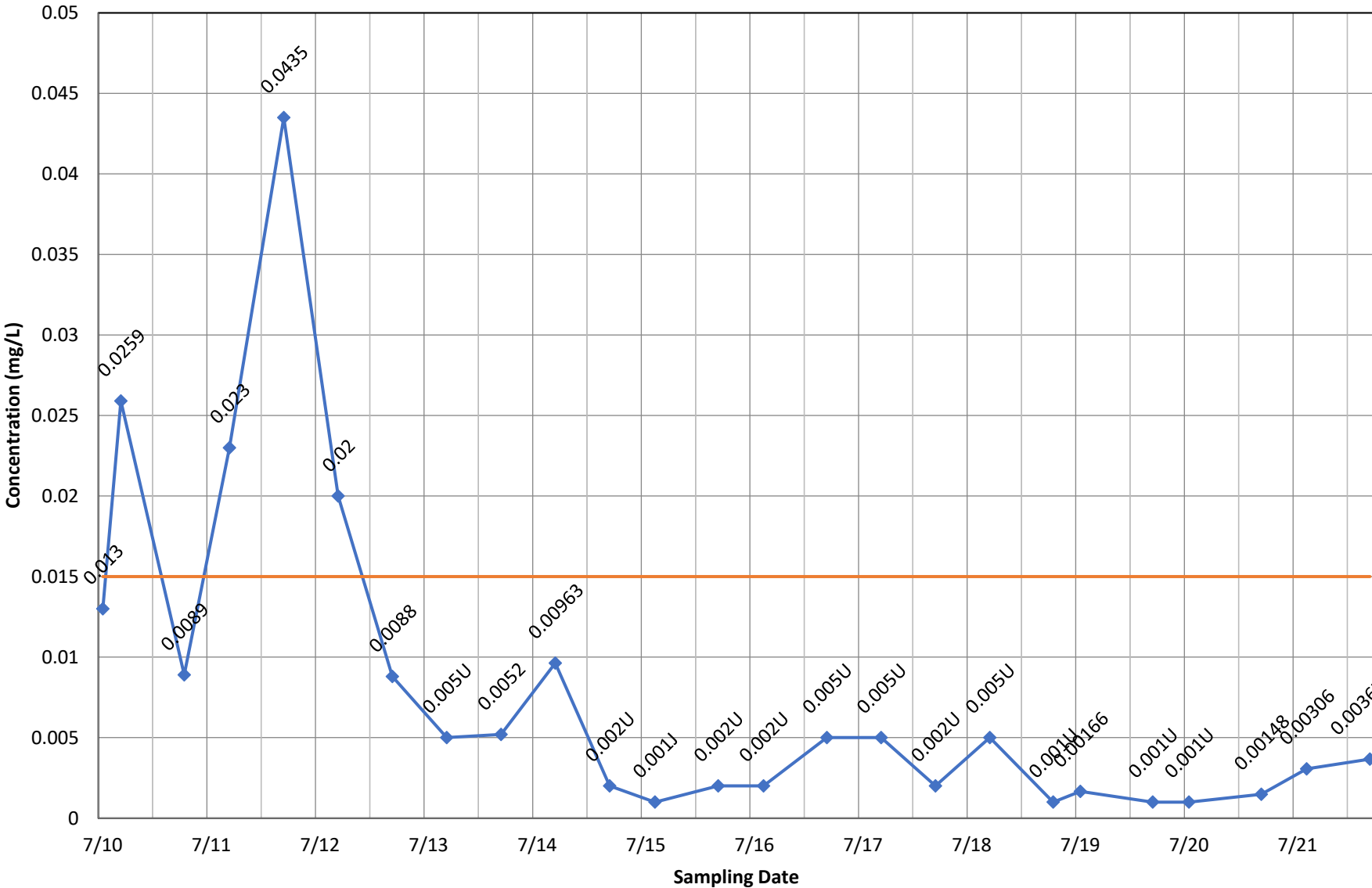
◆ Concentration — Current MCL

Monitoring Well MW-2A - Mercury, total



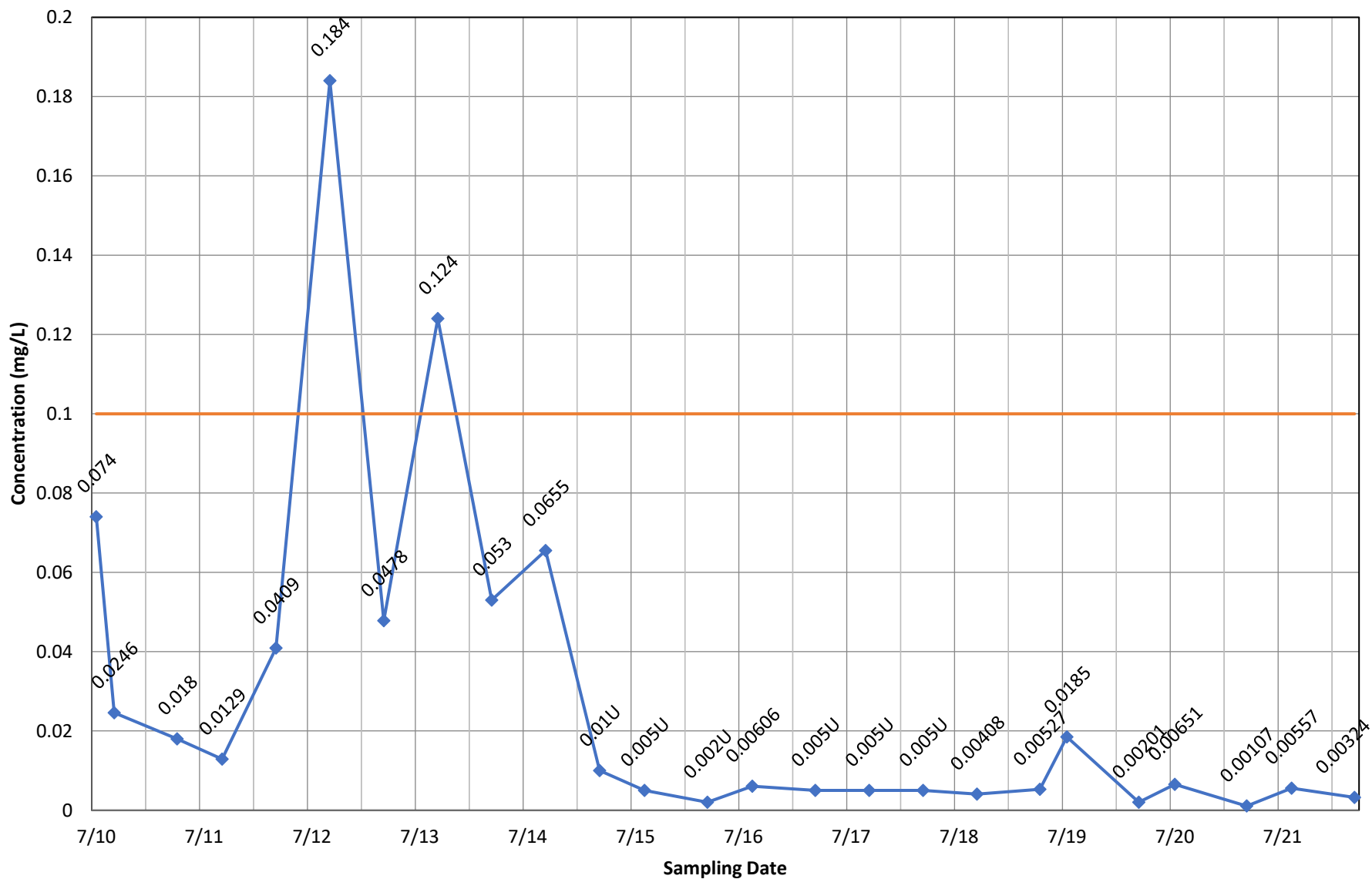
◆ Concentration — Current MCL

Monitoring Well MW-3A - Lead, total



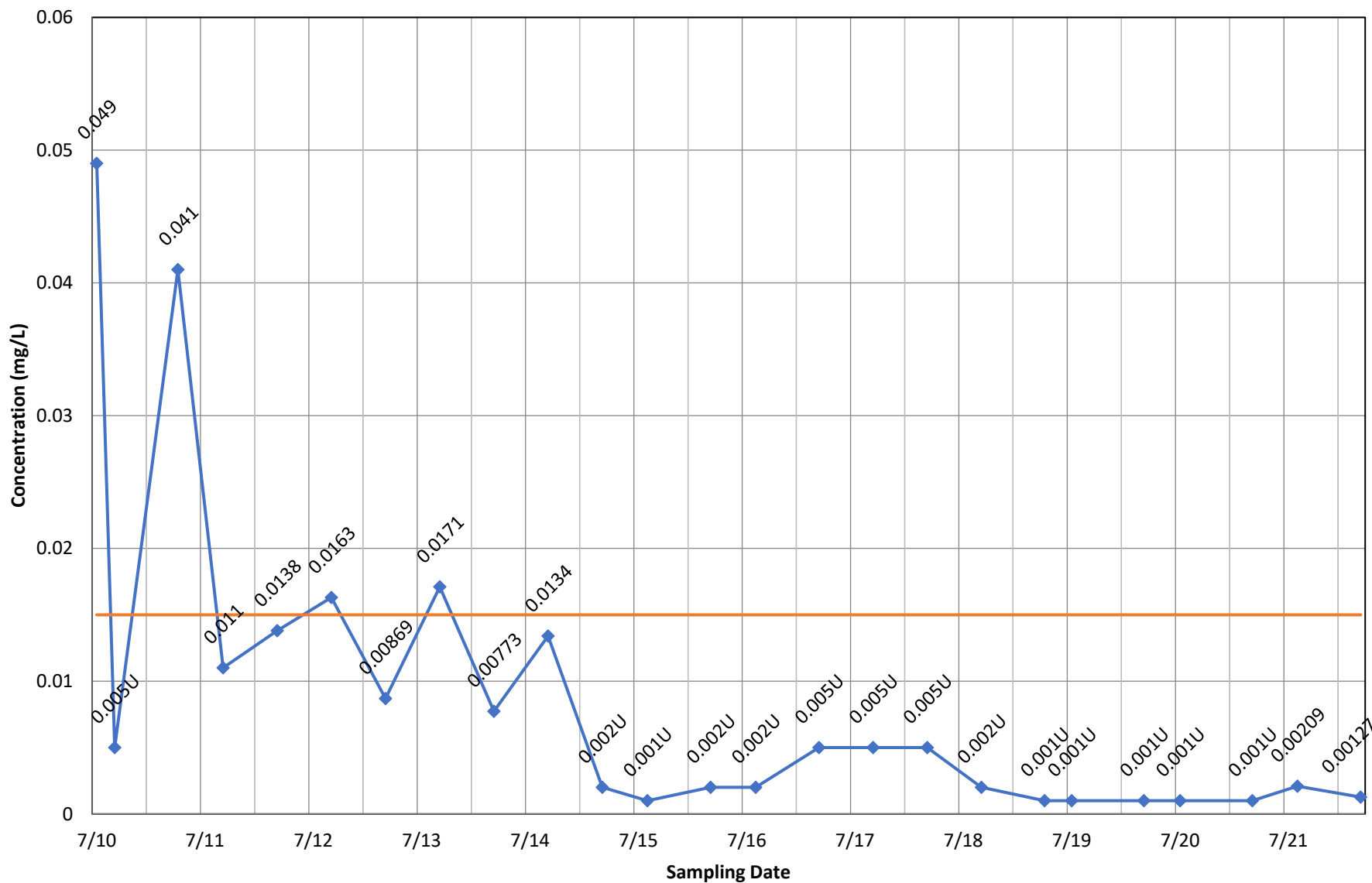
◆ Concentration — Current MCL

Monitoring Well MW-3B - Chromium, total



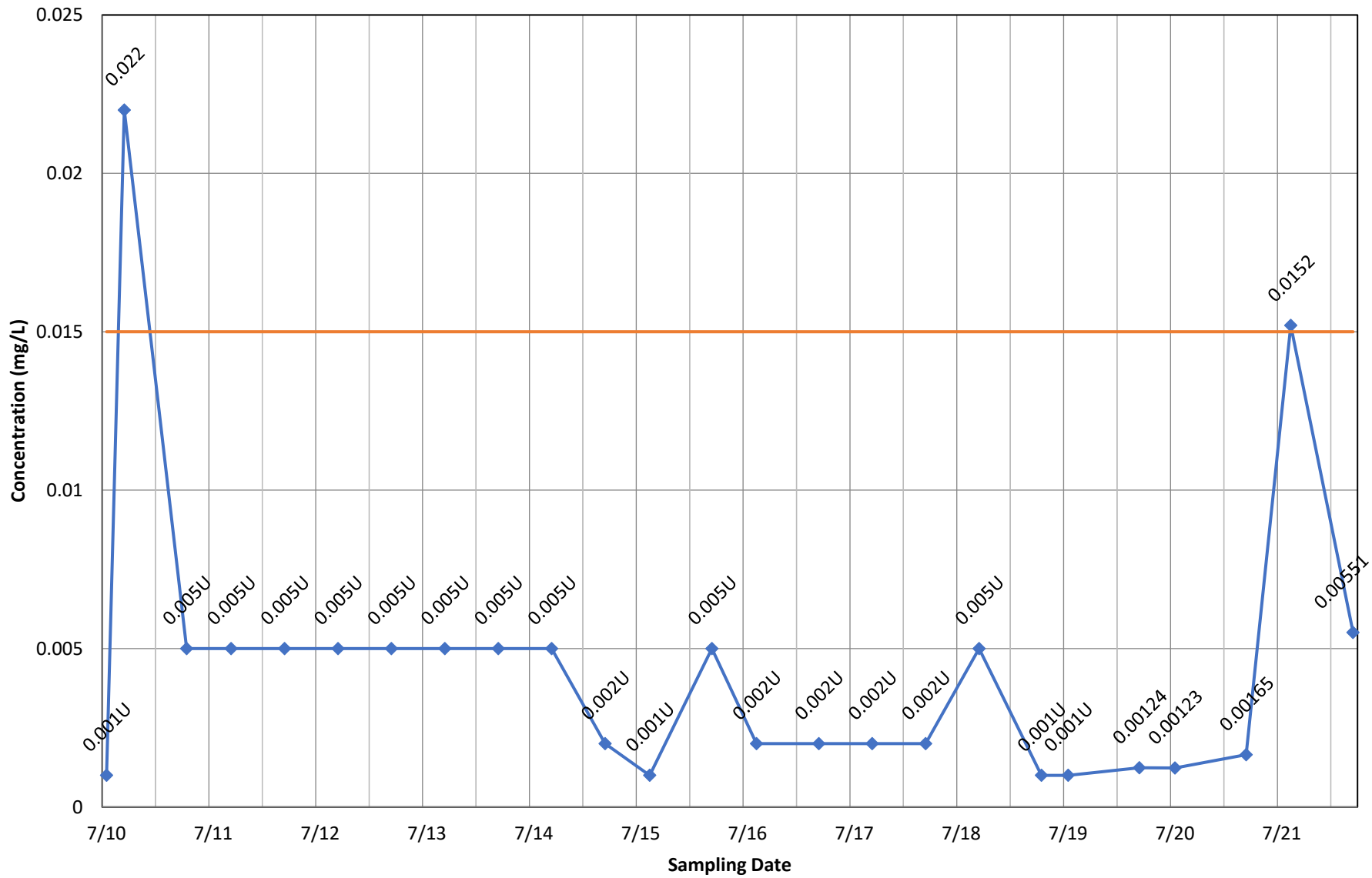
◆ Concentration — Current MCL

Monitoring Well MW-3B - Lead, total



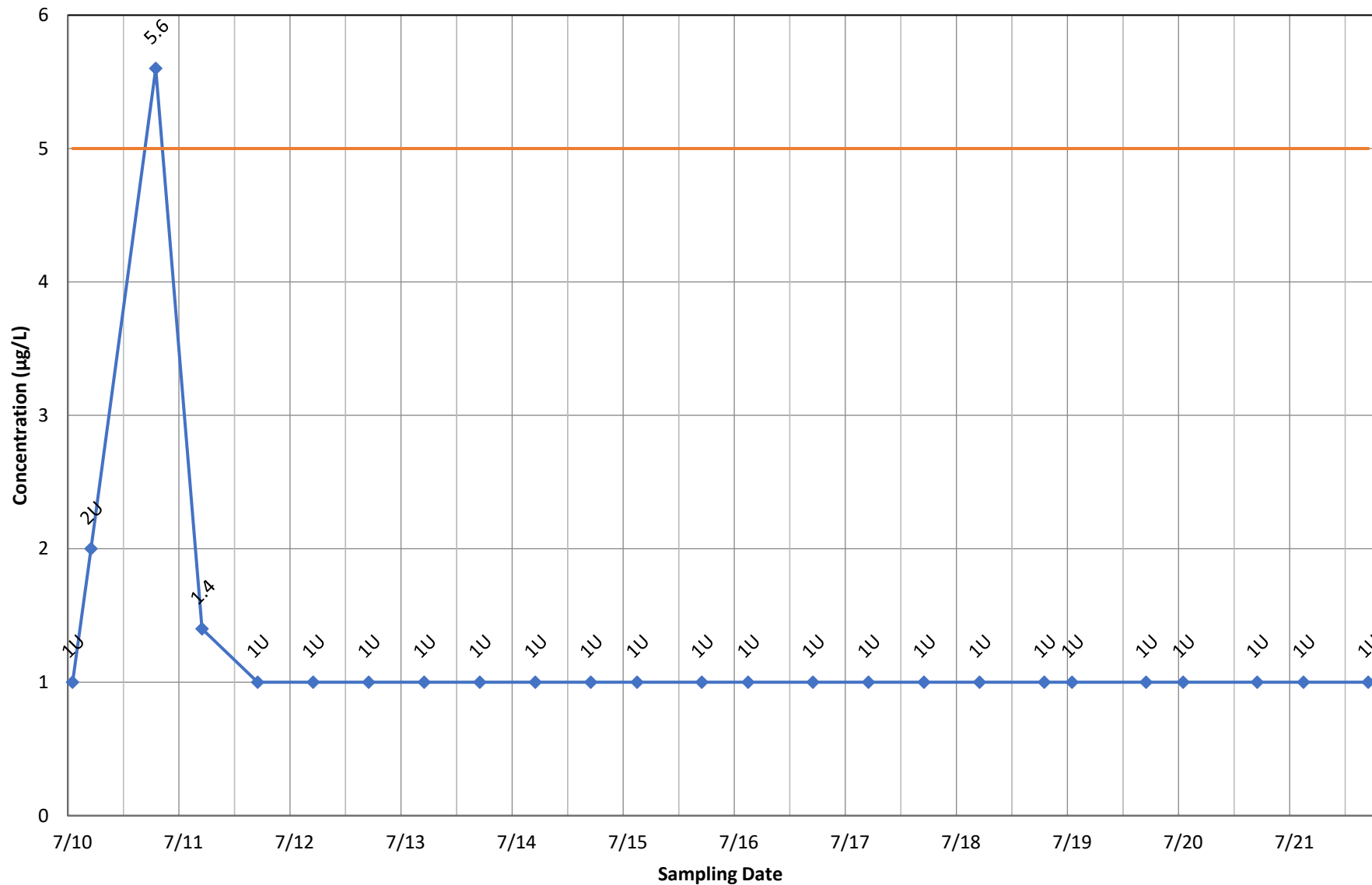
◆ Concentration — Current MCL

Monitoring Well MW-4 - Lead, total



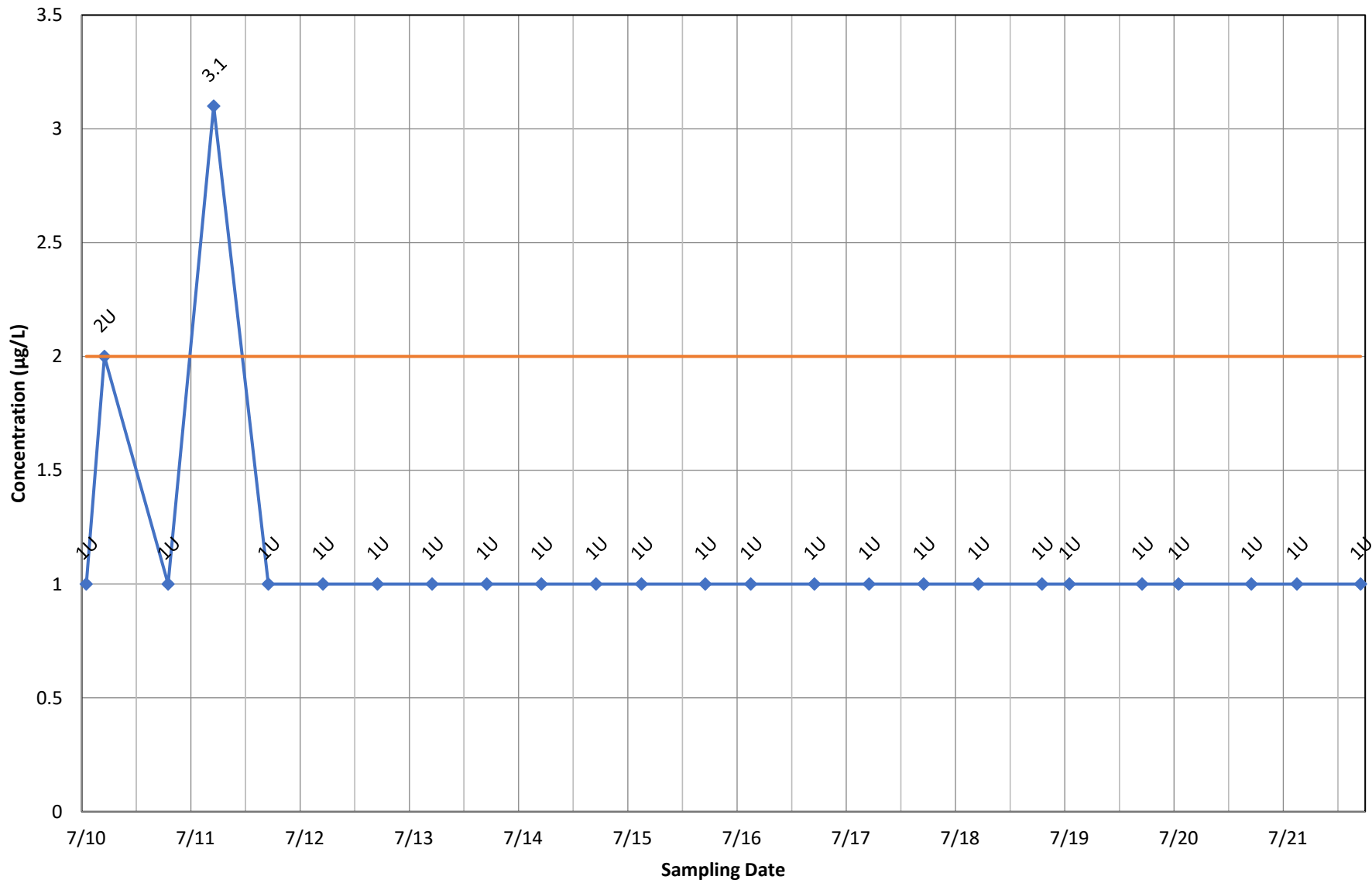
◆ Concentration — Current MCL

Monitoring Well MW-4 - Trichloroethene



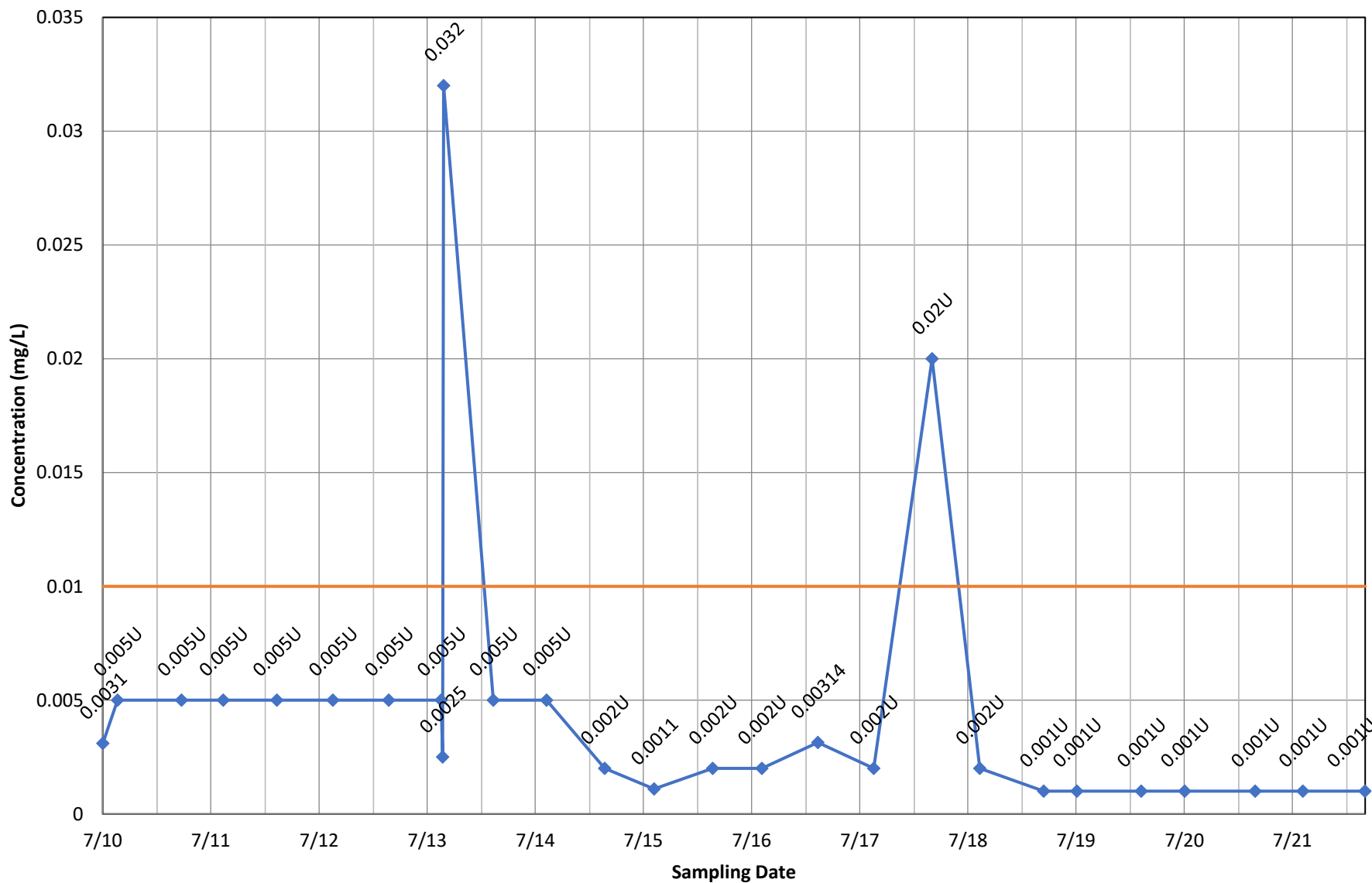
◆ Concentration — Current MCL

Monitoring Well MW-4 - Vinyl Chloride



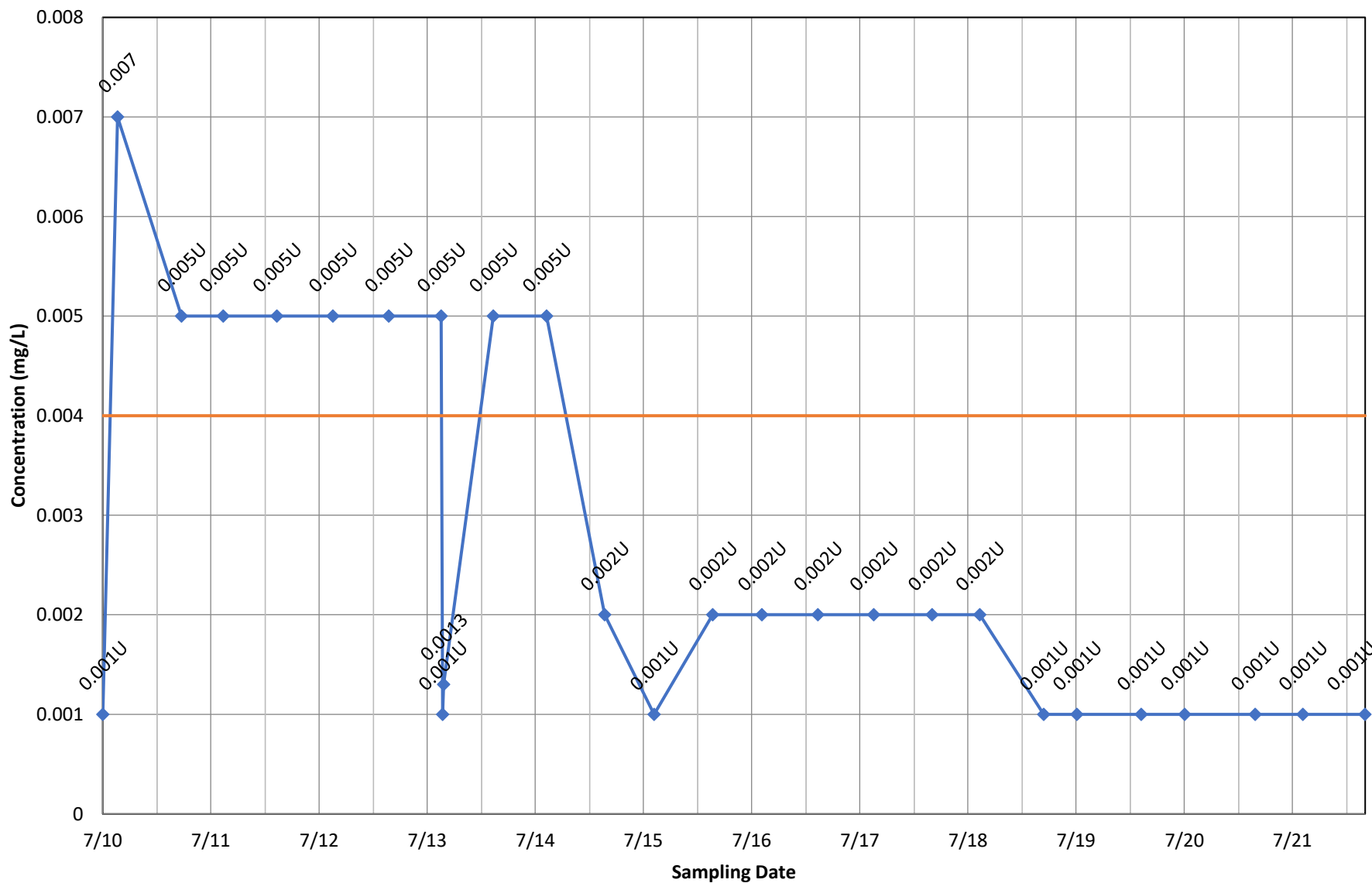
◆ Concentration — Current MCL

Monitoring Well MW-6 - Arsenic, total



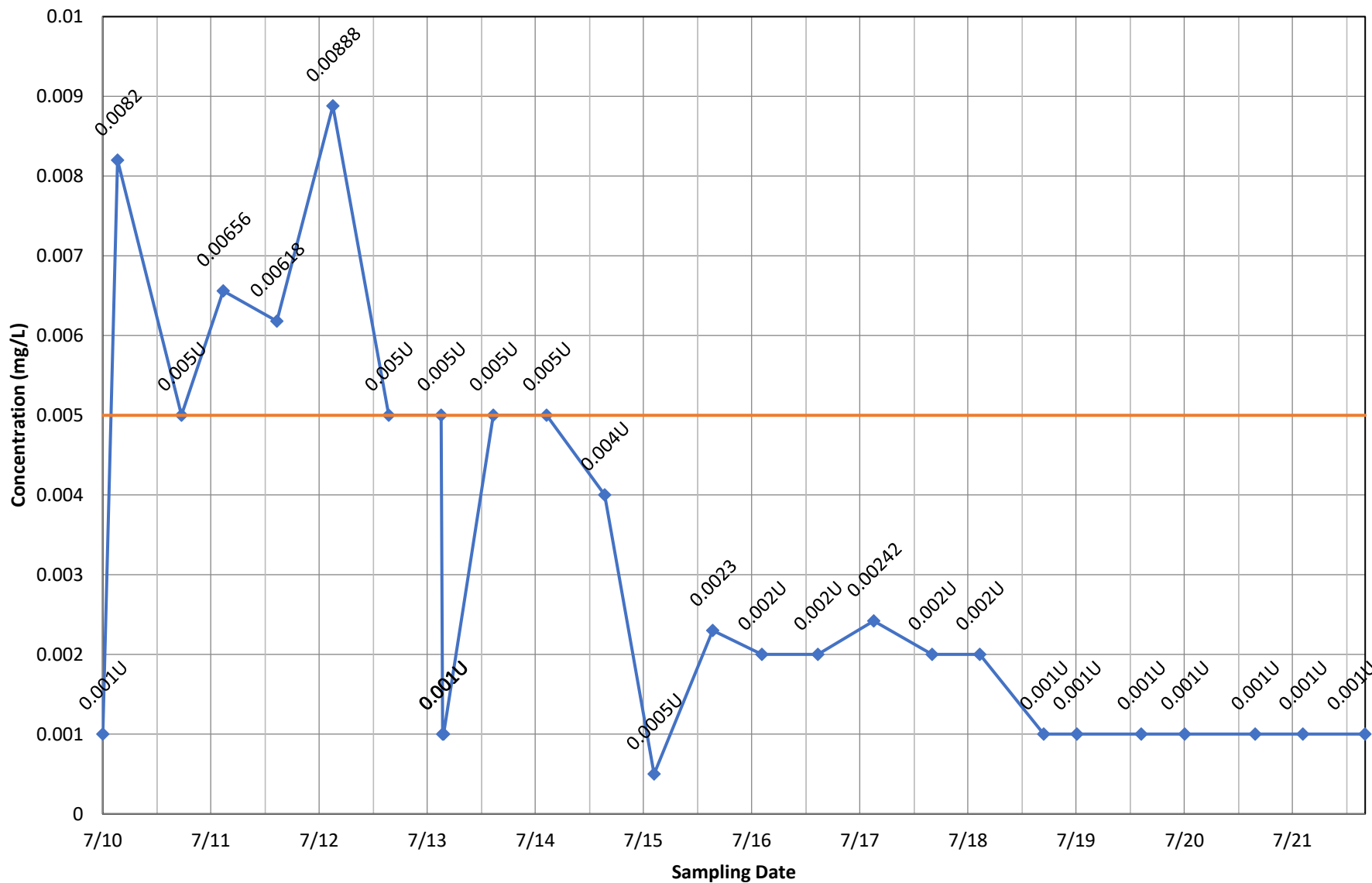
◆ Concentration — Current MCL

Monitoring Well MW-6 - Beryllium, total



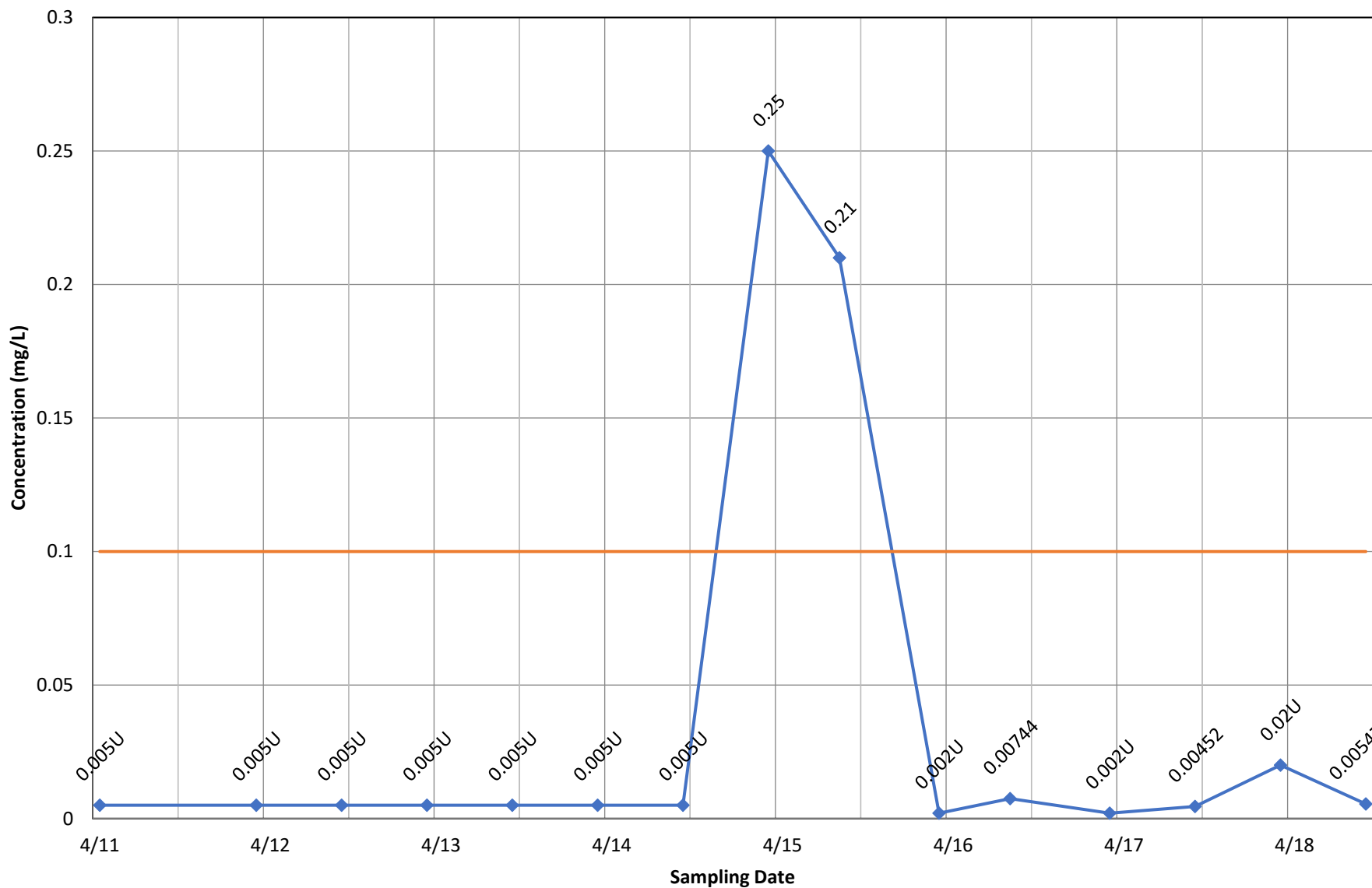
◆ Concentration — Current MCL

Monitoring Well MW-6 - Cadmium, total



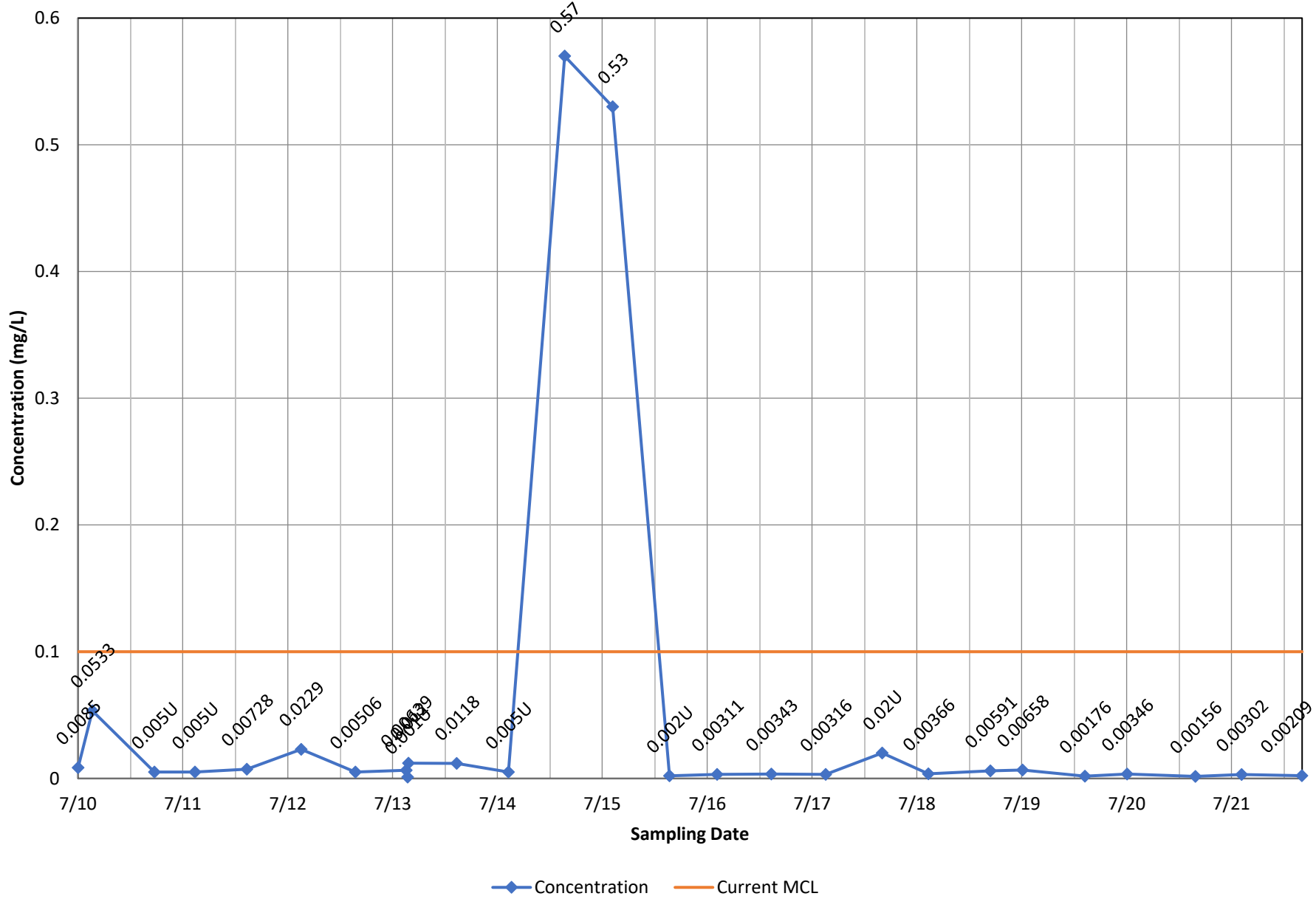
◆ Concentration — Current MCL

Monitoring Well MW-6 - Chromium, dissolved

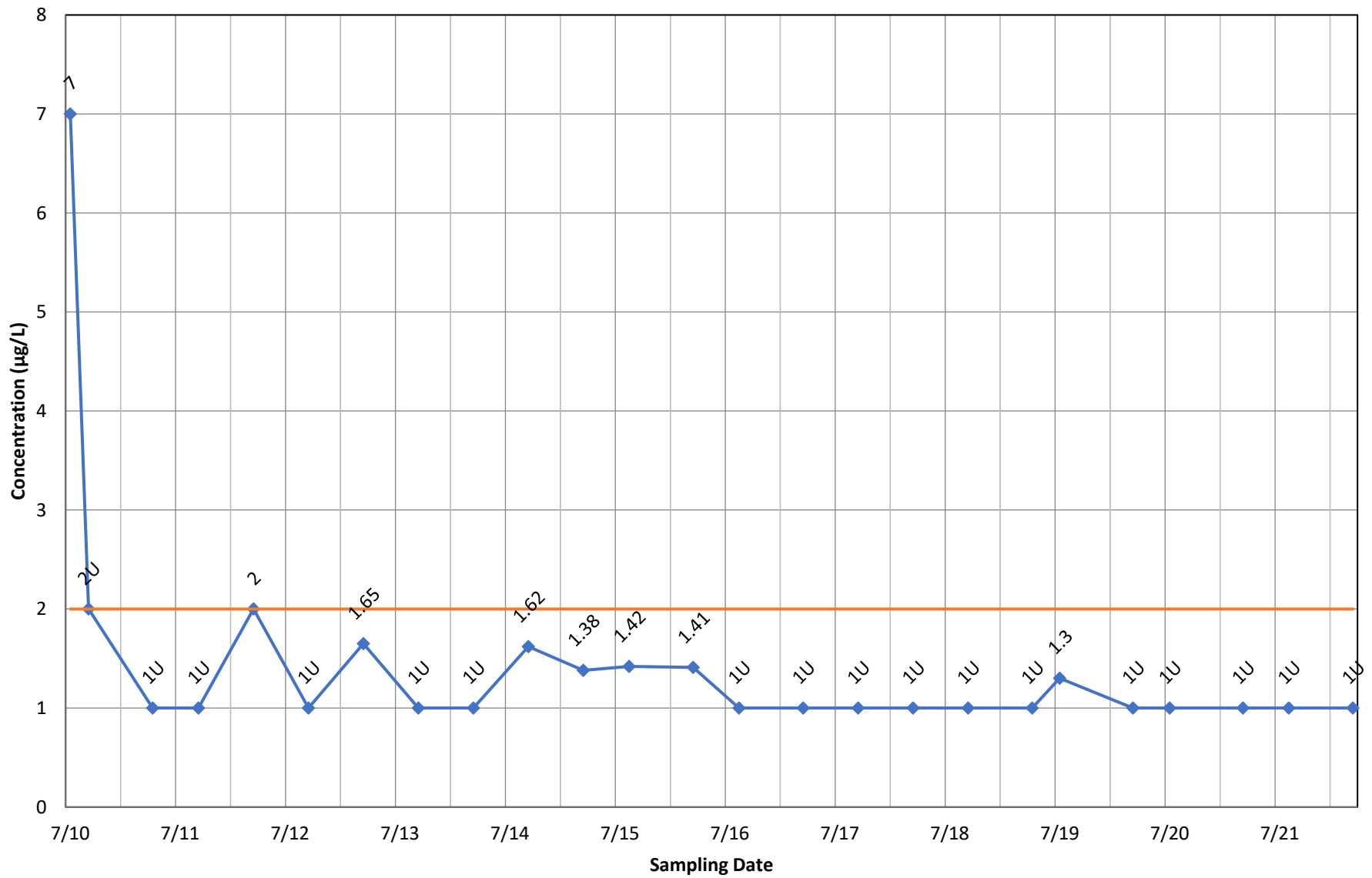


◆ Concentration — Current MCL

Monitoring Well MW-6 - Chromium, total

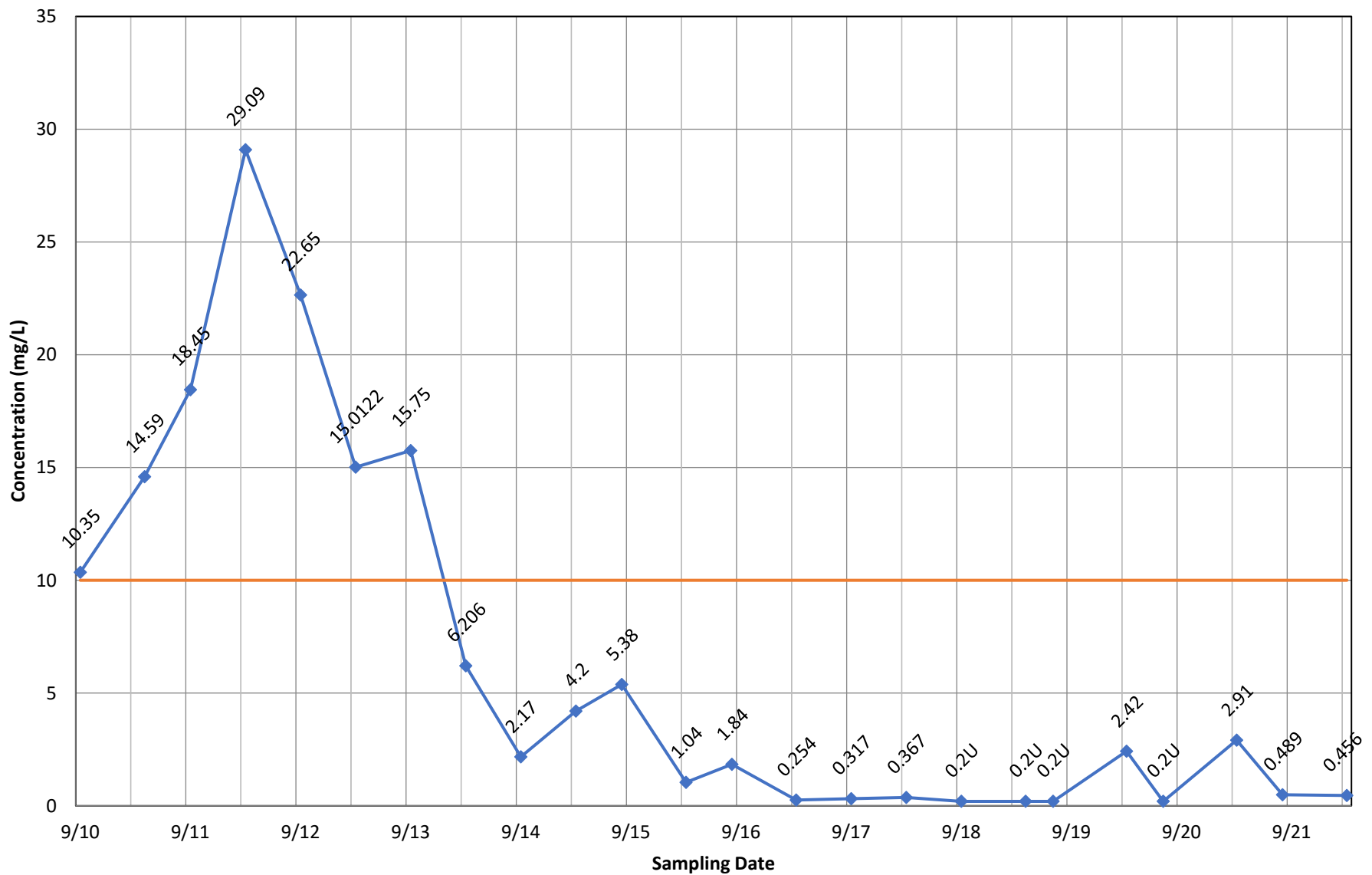


Monitoring Well MW-6 - Vinyl Chloride



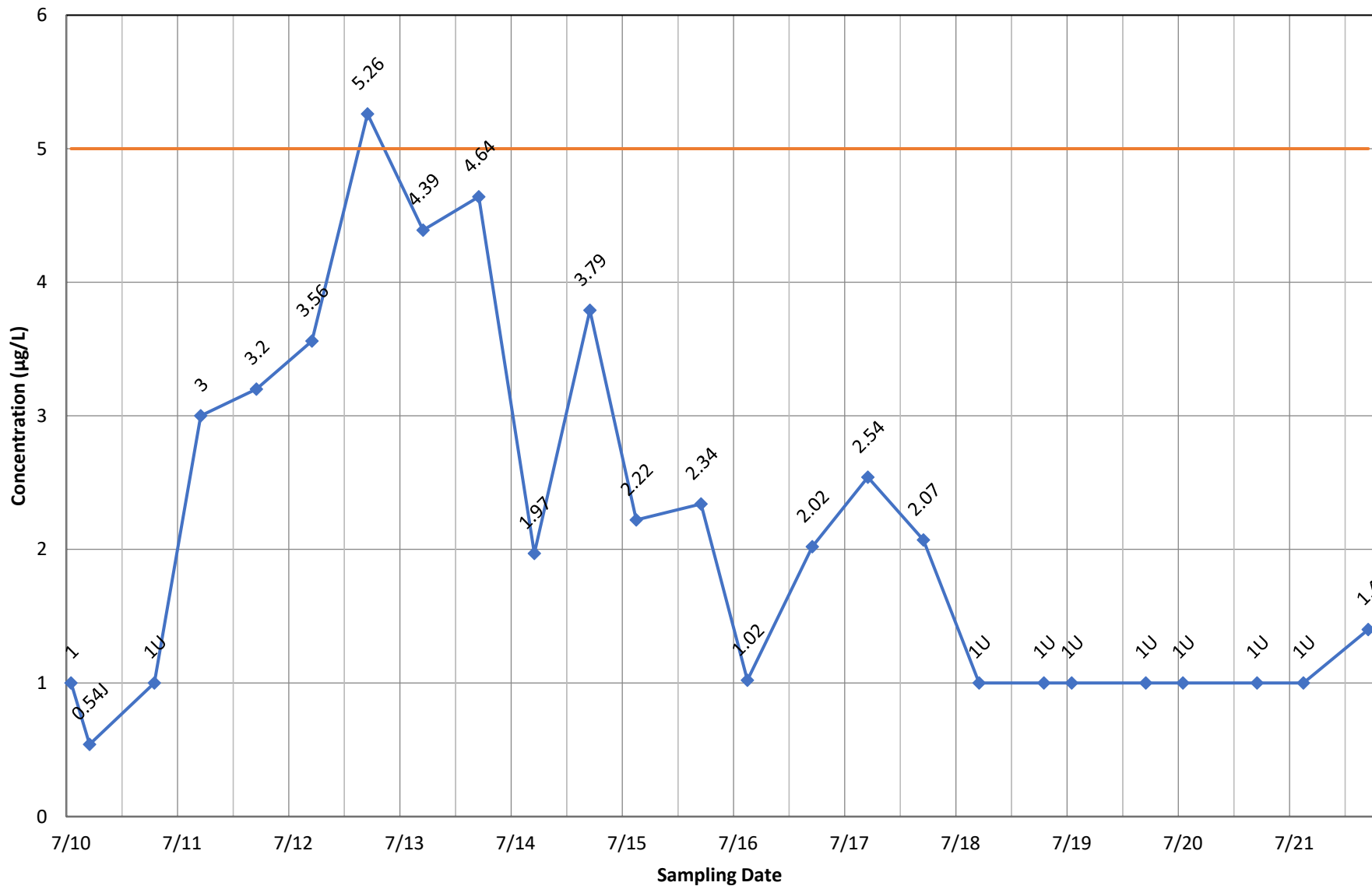
◆ Concentration — Current MCL

Monitoring Well MW-7 - Nitrate



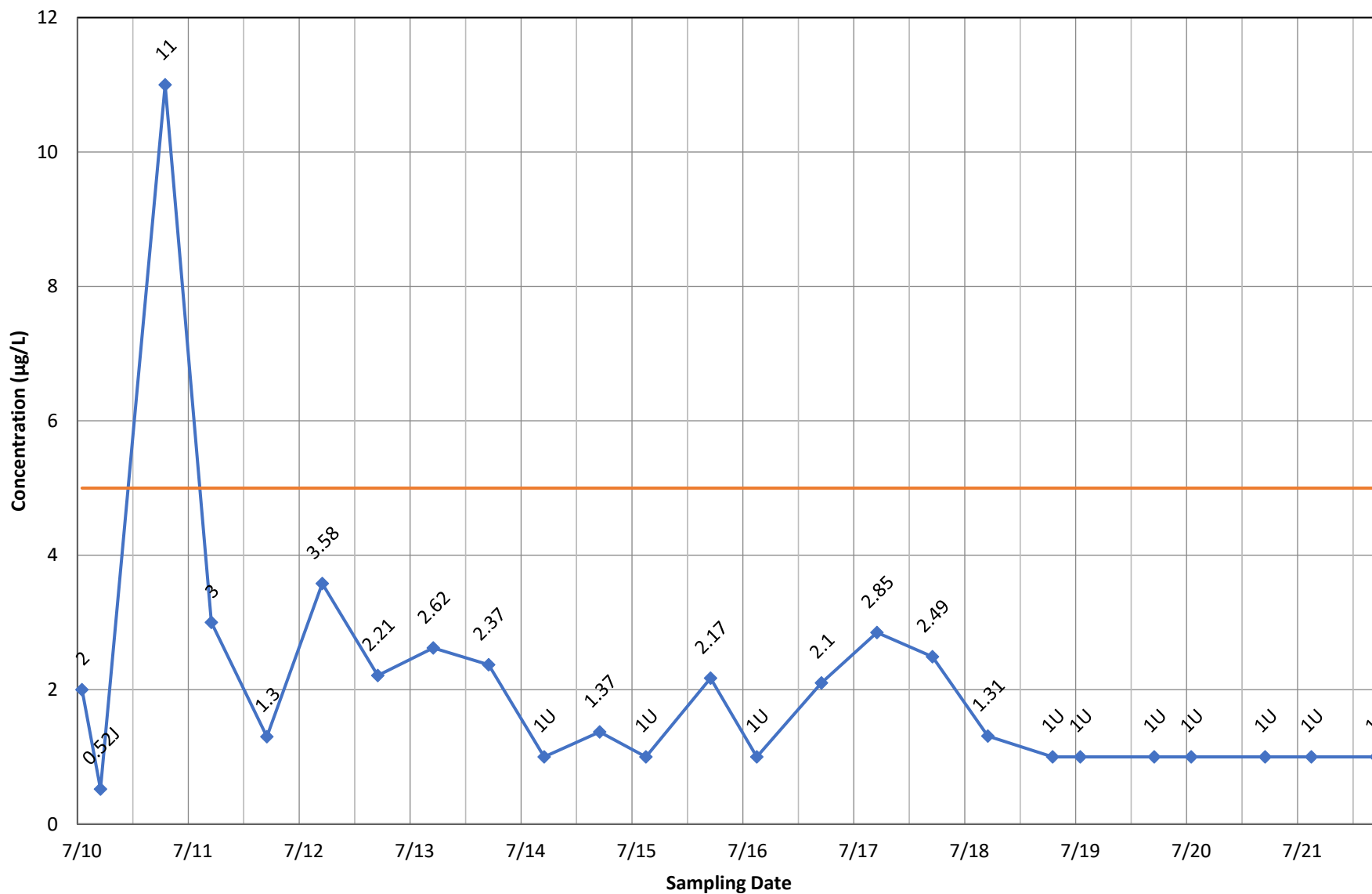
◆ Concentration — Current MCL

Monitoring Well MW-7 - Tetrachloroethene



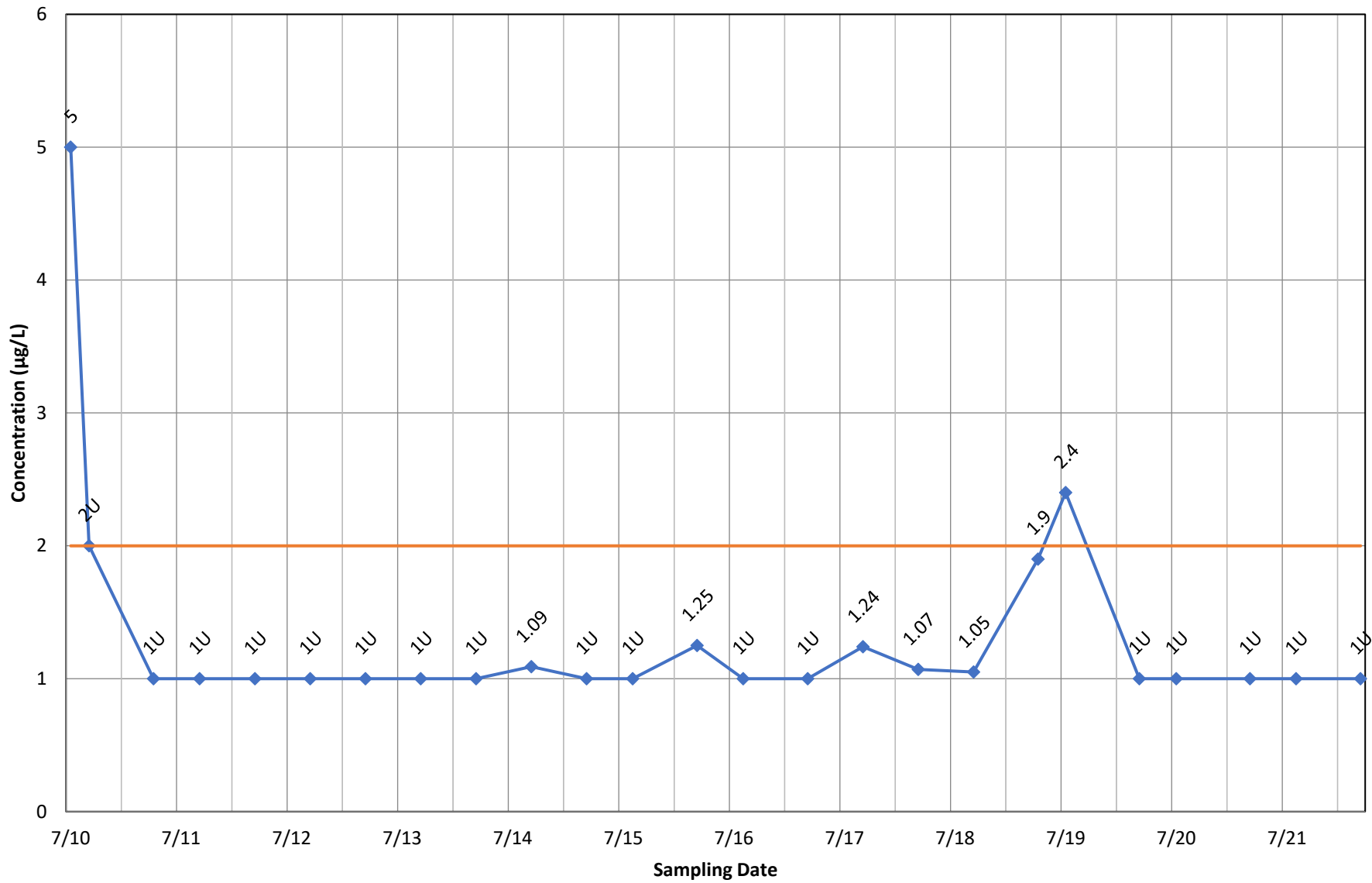
◆ Concentration — Current MCL

Monitoring Well MW-7 - Trichloroethene



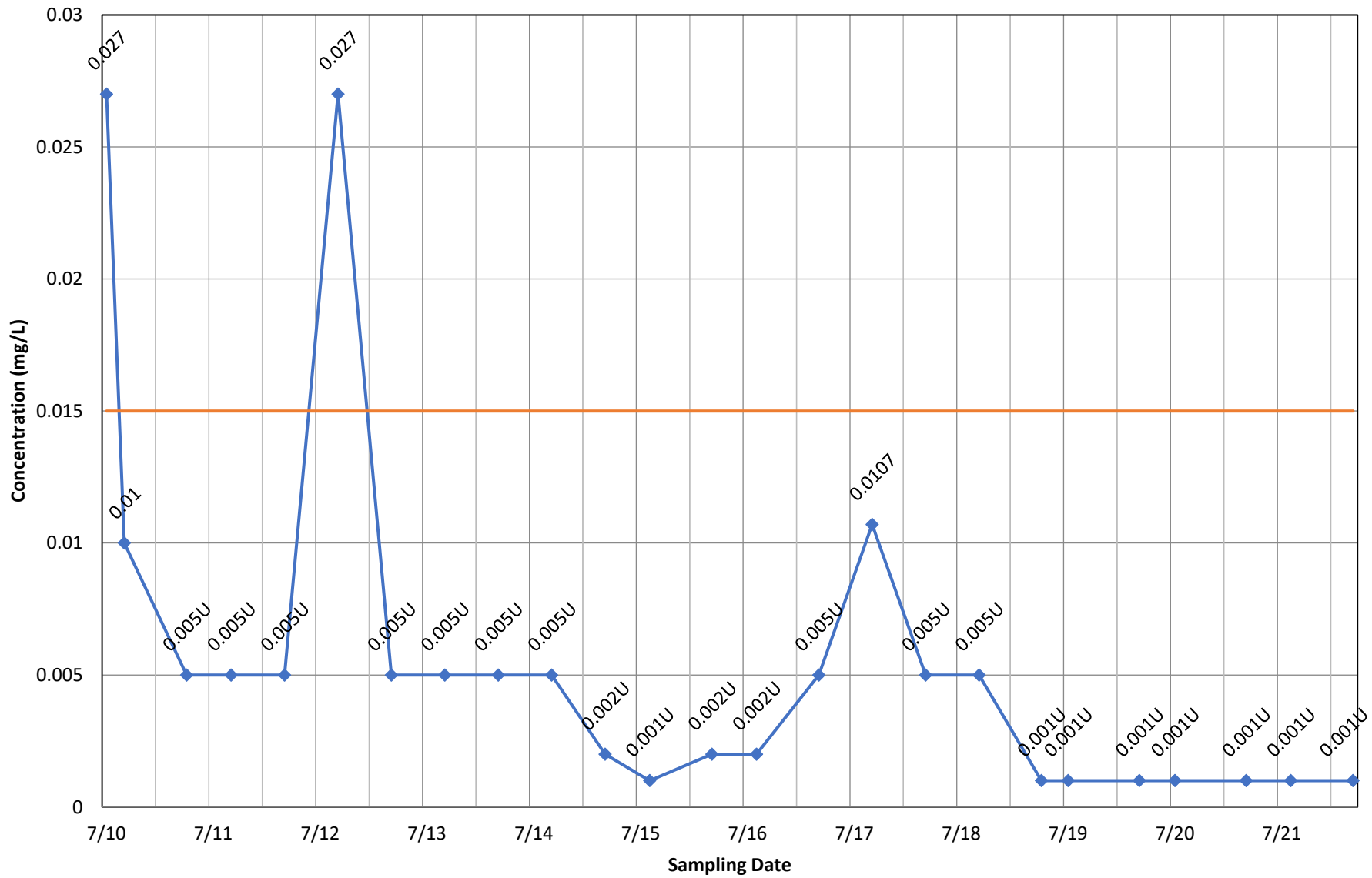
◆ Concentration — Current MCL

Monitoring Well MW-7 - Vinyl Chloride



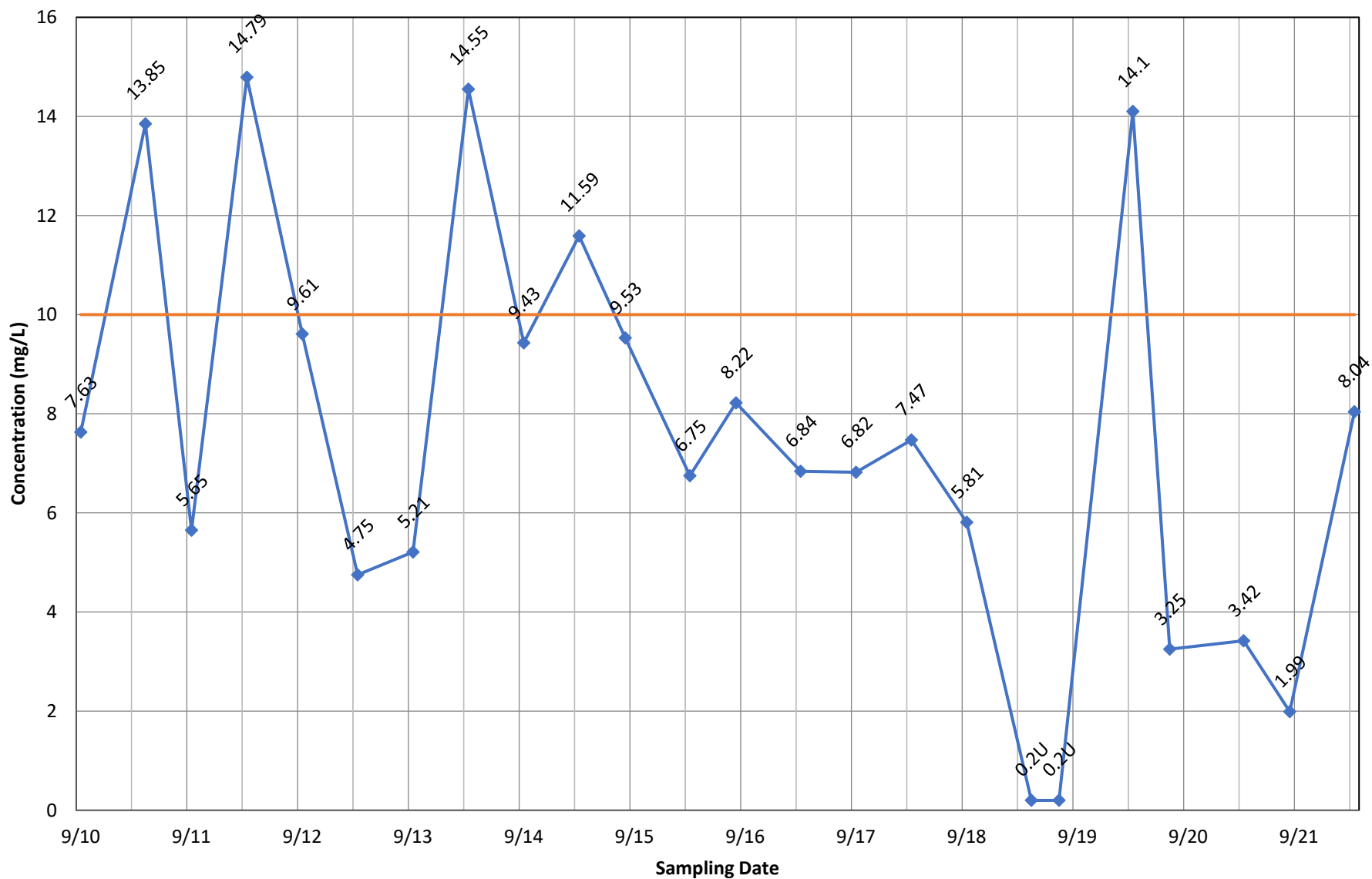
◆ Concentration — Current MCL

Monitoring Well MW-8 - Lead, total



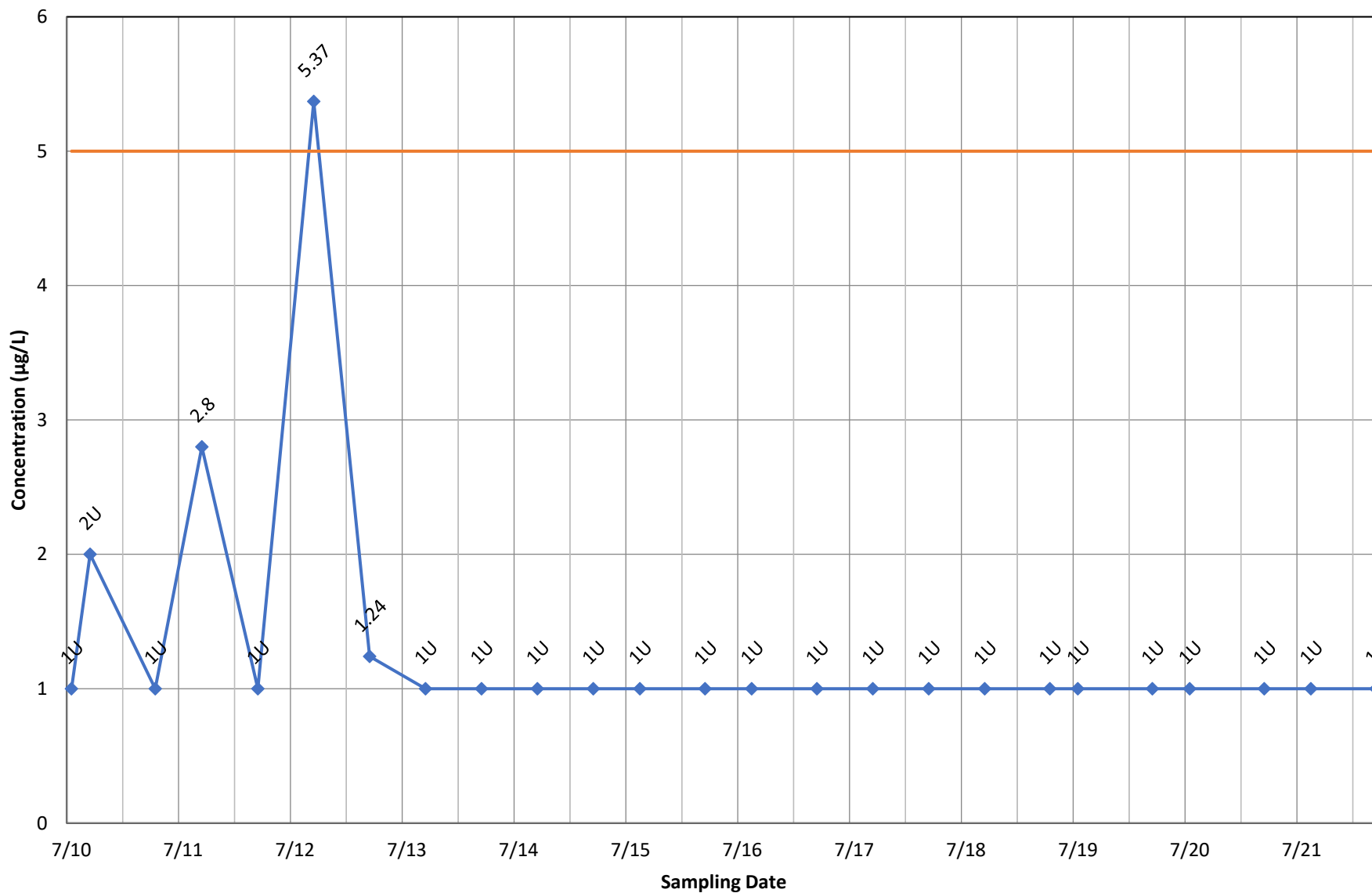
◆ Concentration — Current MCL

Monitoring Well MW-8 - Nitrate



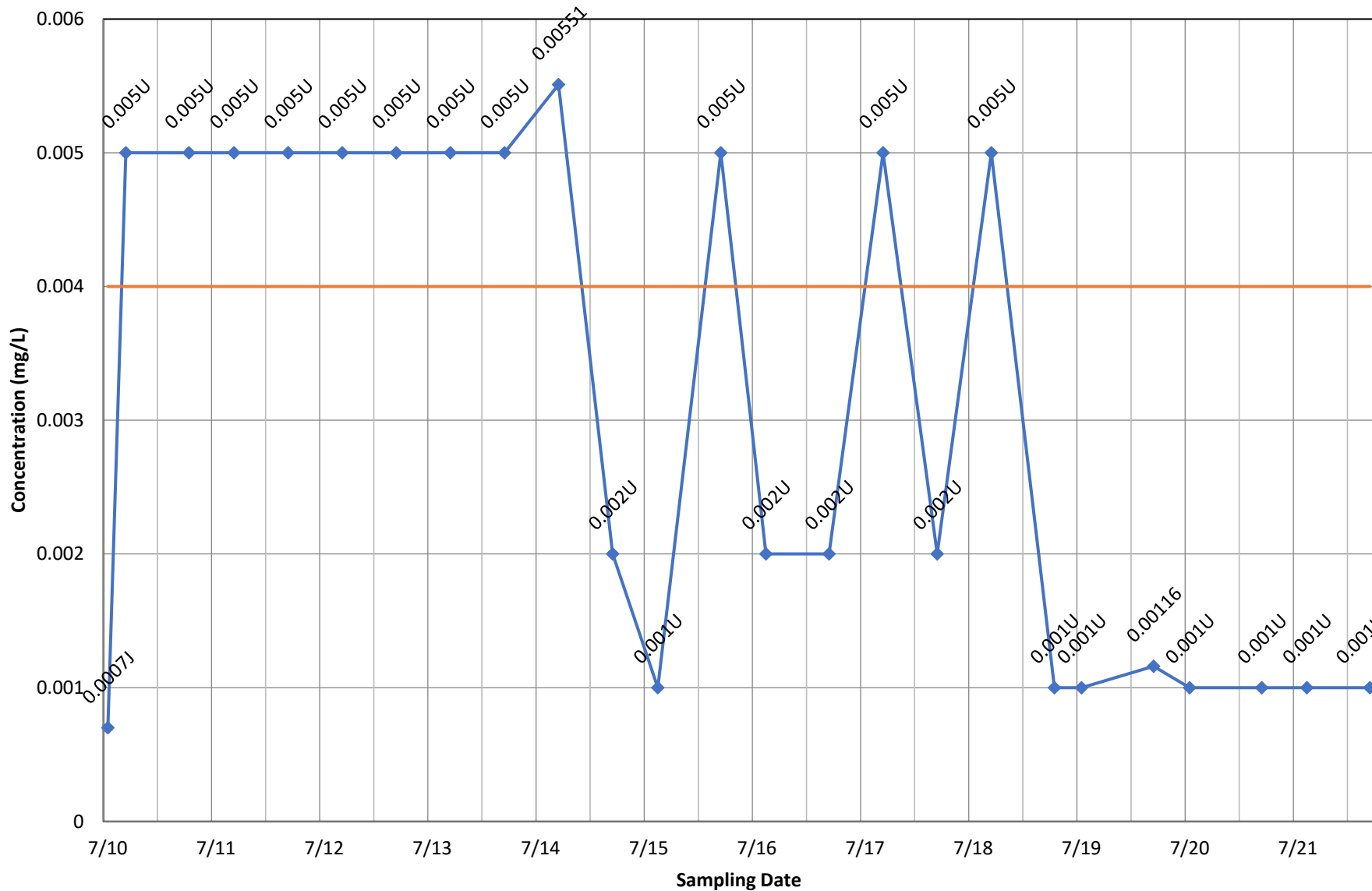
◆ Concentration — Current MCL

Monitoring Well MW-8 - Trichloroethene



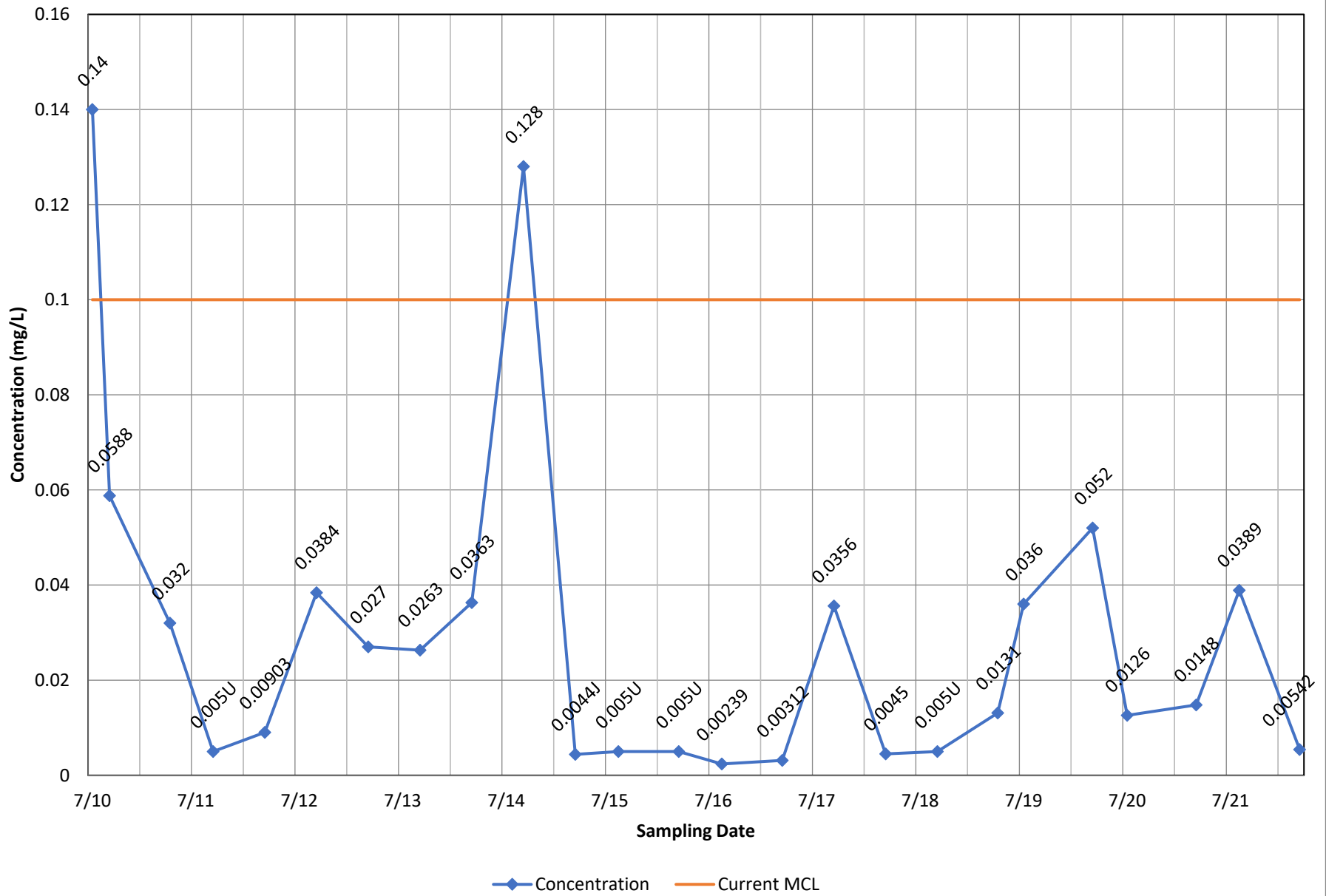
◆ Concentration — Current MCL

Monitoring Well MW-9 - Beryllium, total

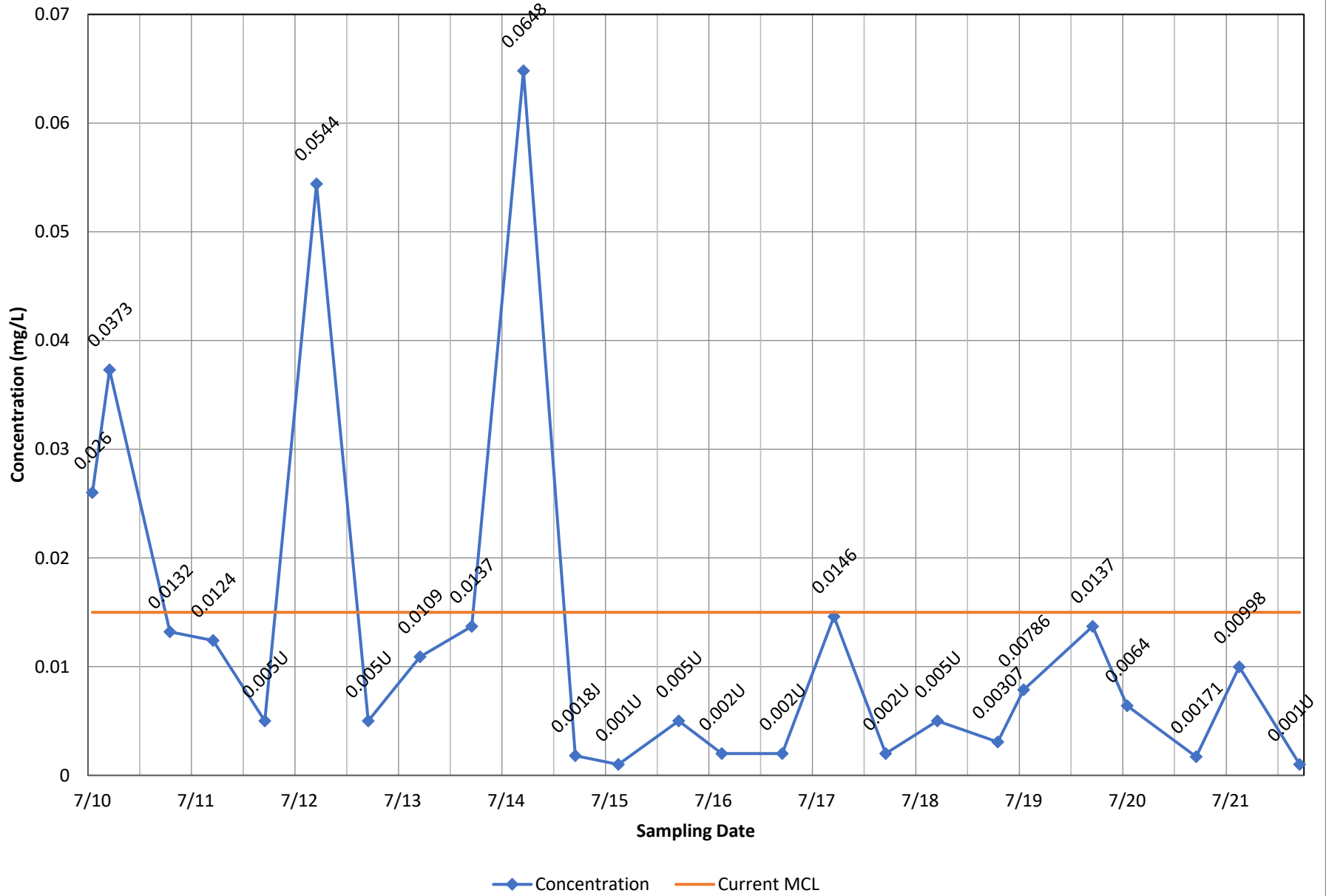


◆ Concentration — Current MCL

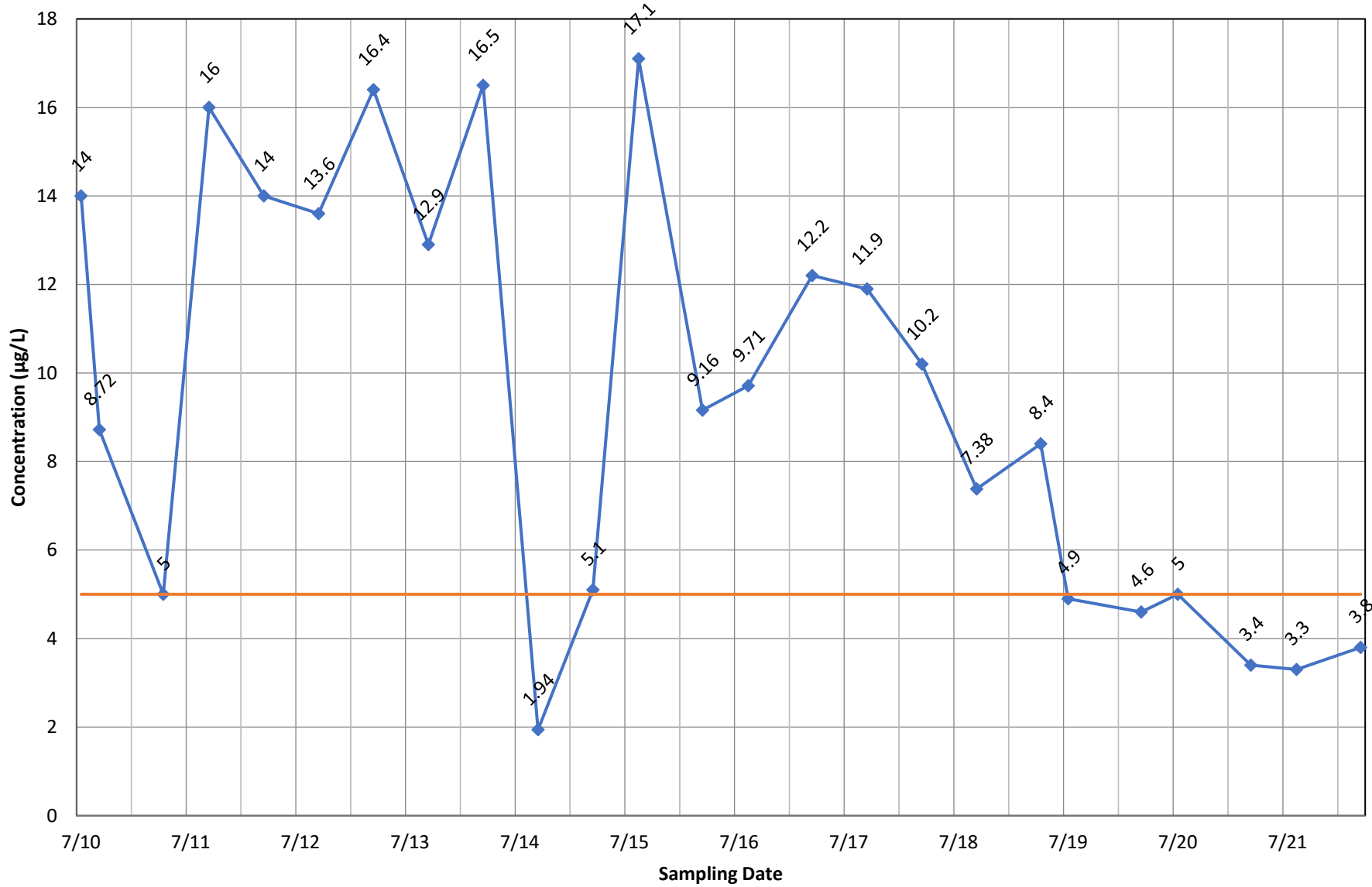
Monitoring Well MW-9 - Chromium, total



Monitoring Well MW-9 - Lead, total

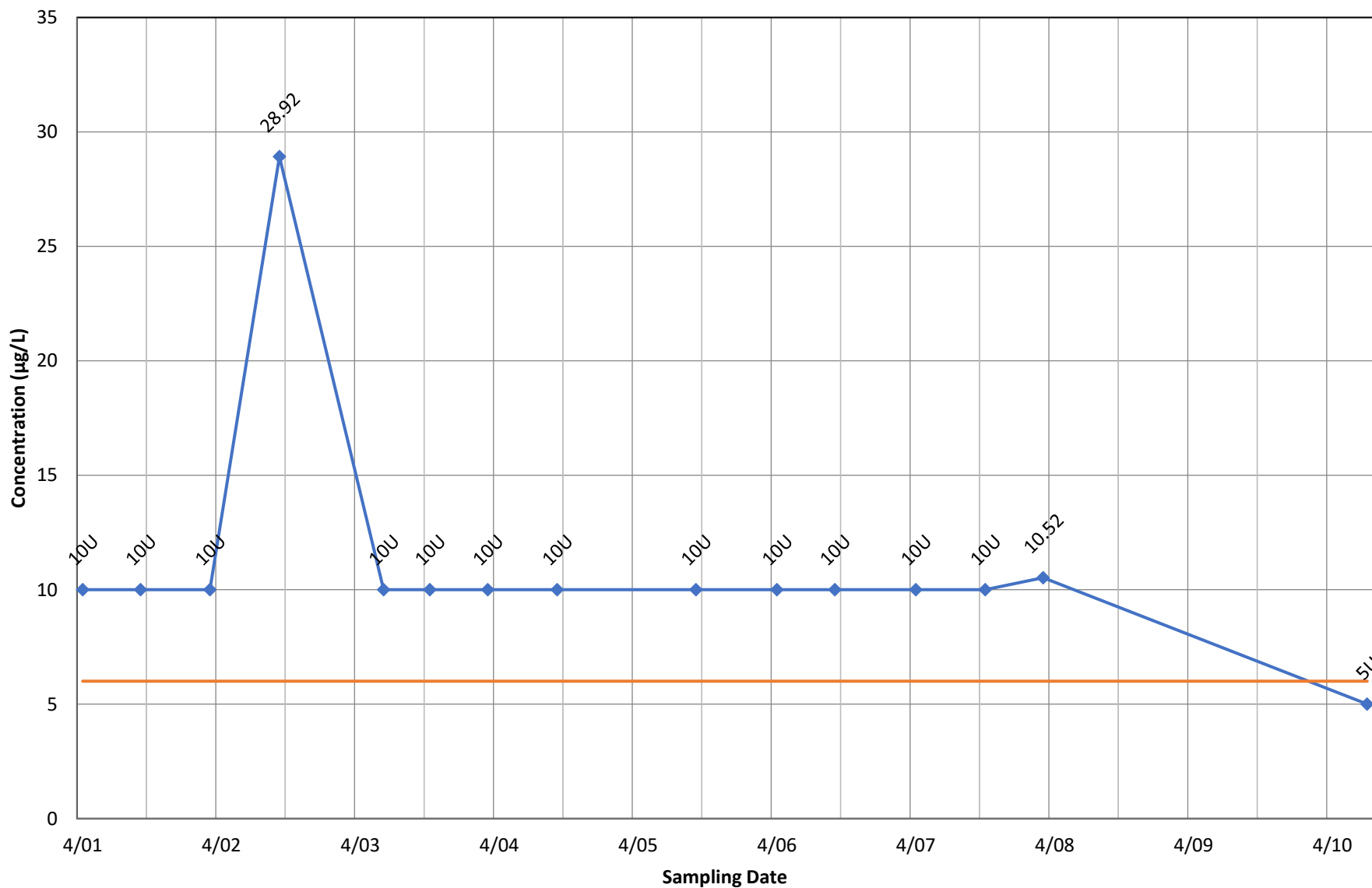


Monitoring Well MW-9 - Tetrachloroethene



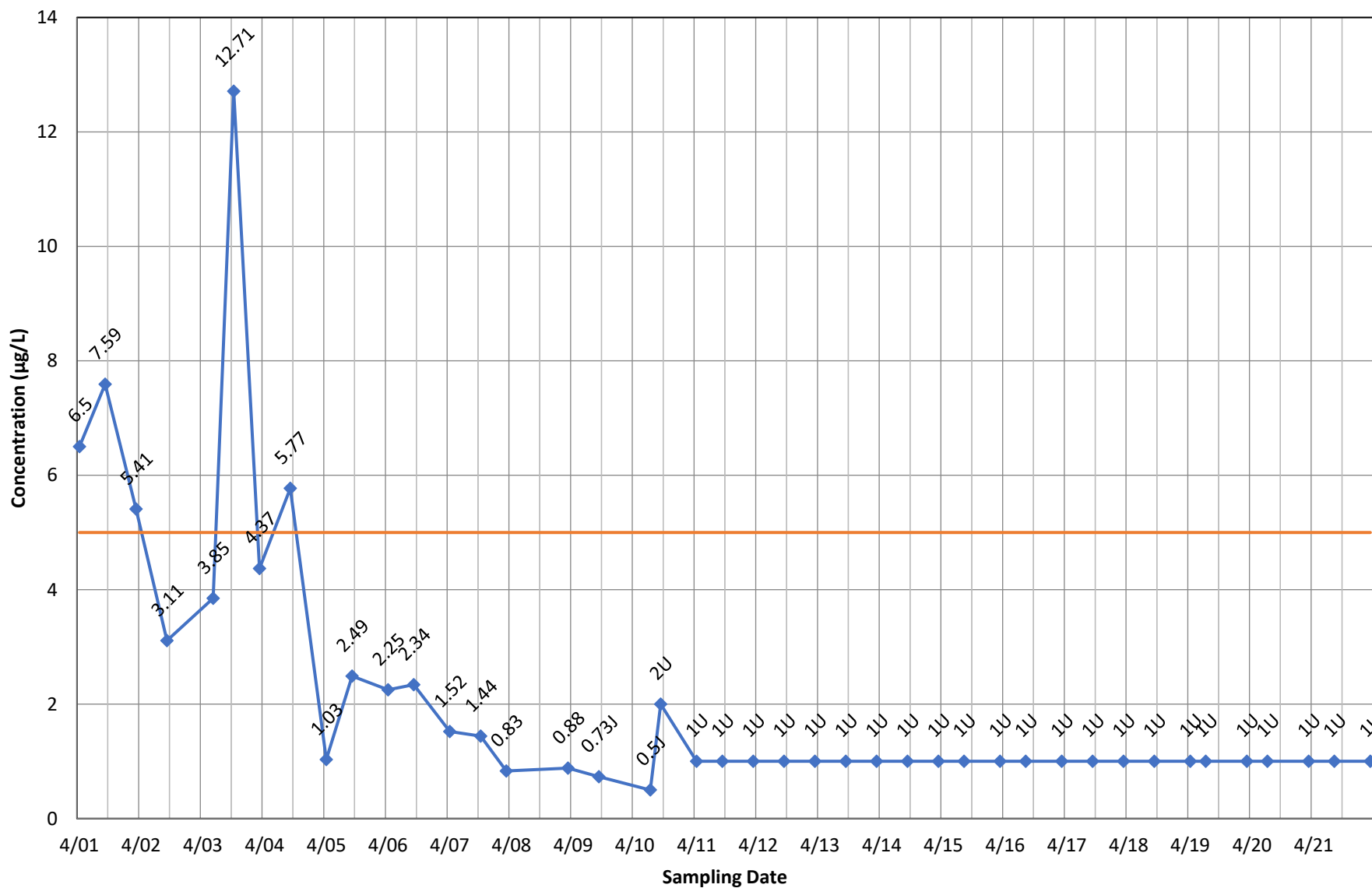
◆ Concentration — Current MCL

Monitoring Well OB01 - Bis(2-Ethylhexyl) Phthalate



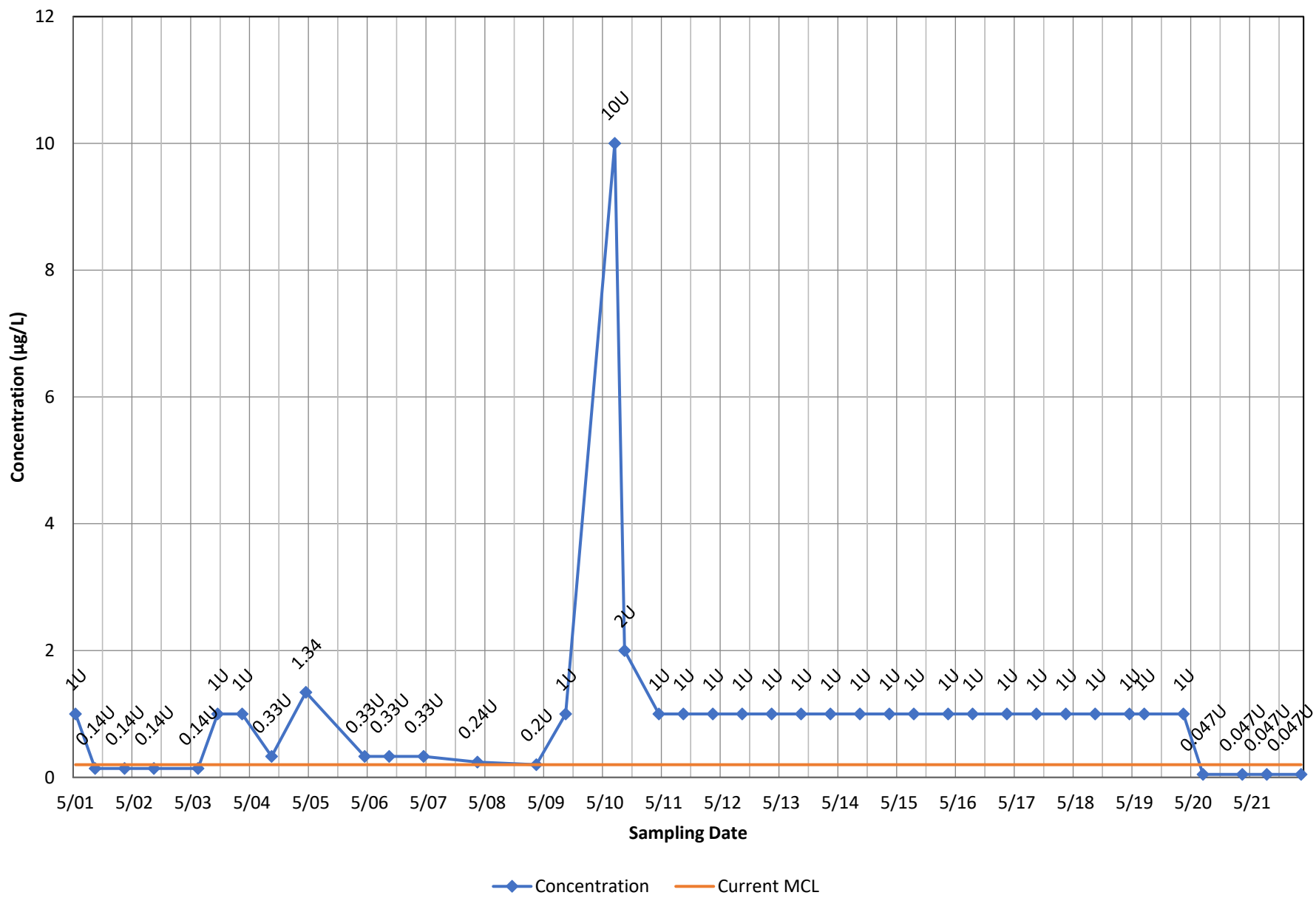
◆ Concentration — Current MCL

Monitoring Well OB01 - Trichloroethene

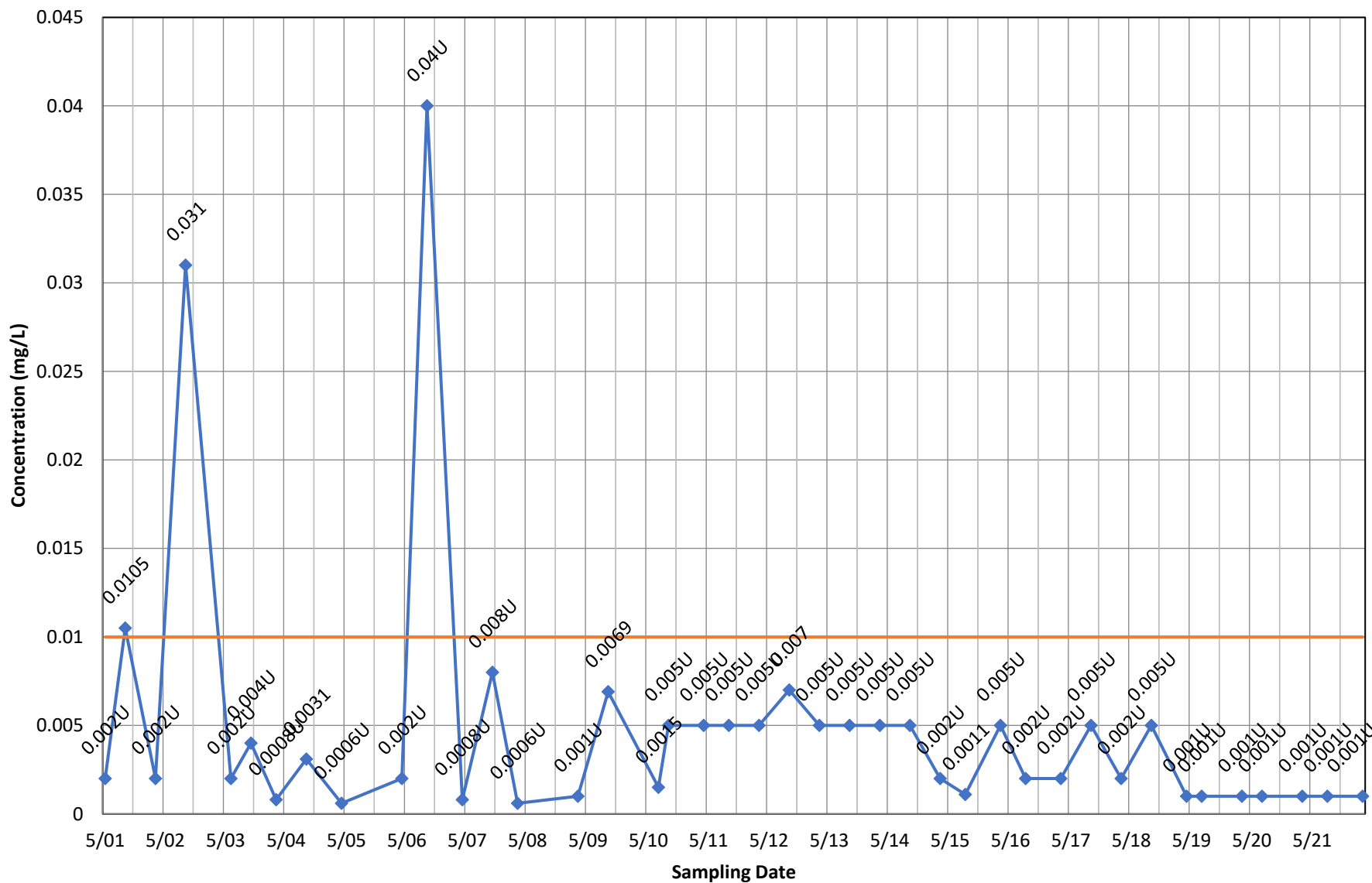


◆ Concentration — Current MCL

Monitoring Well OB015 - 1,2-Dibromo-3-chloropropane

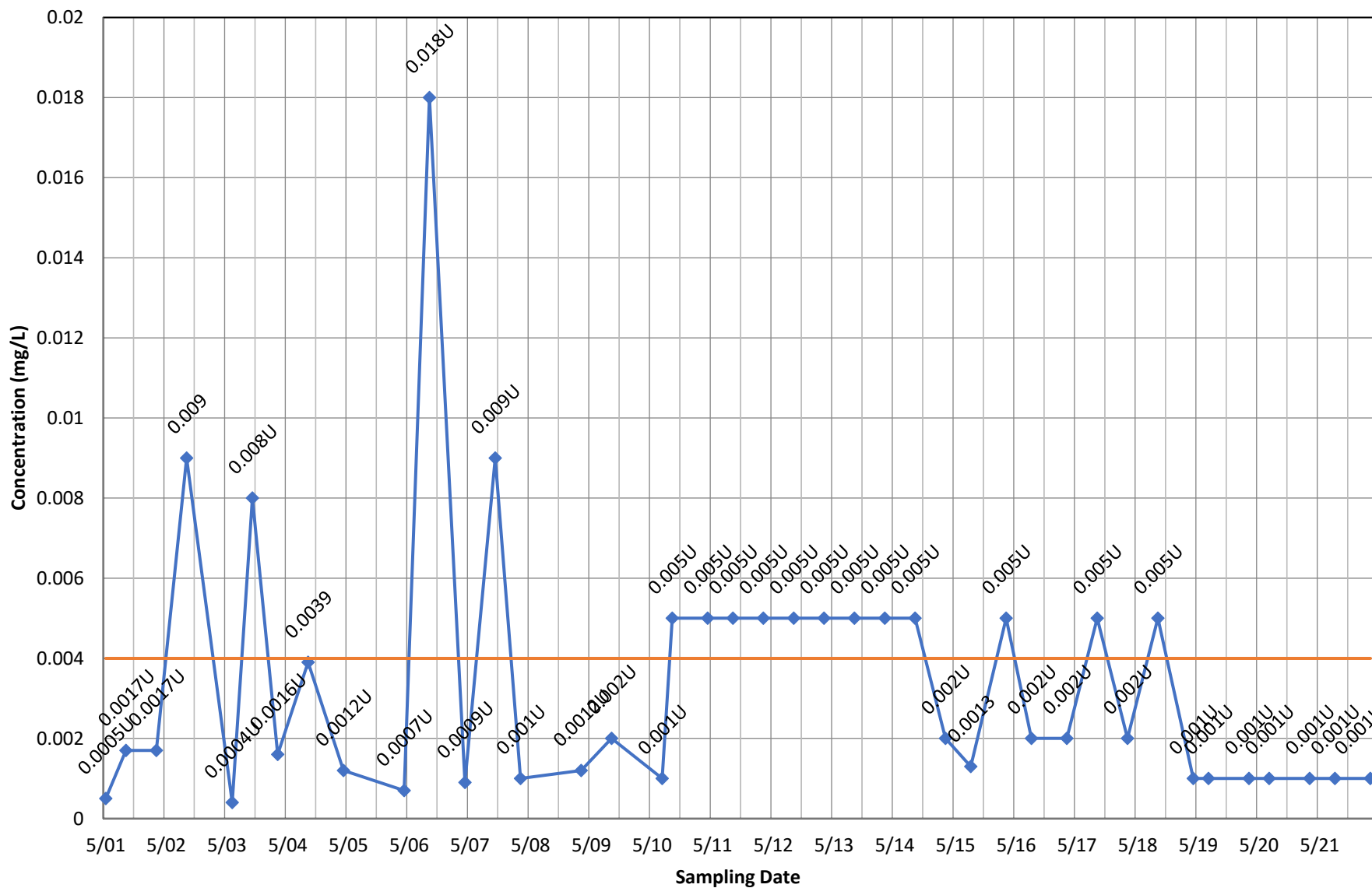


Monitoring Well OB015 - Arsenic, total



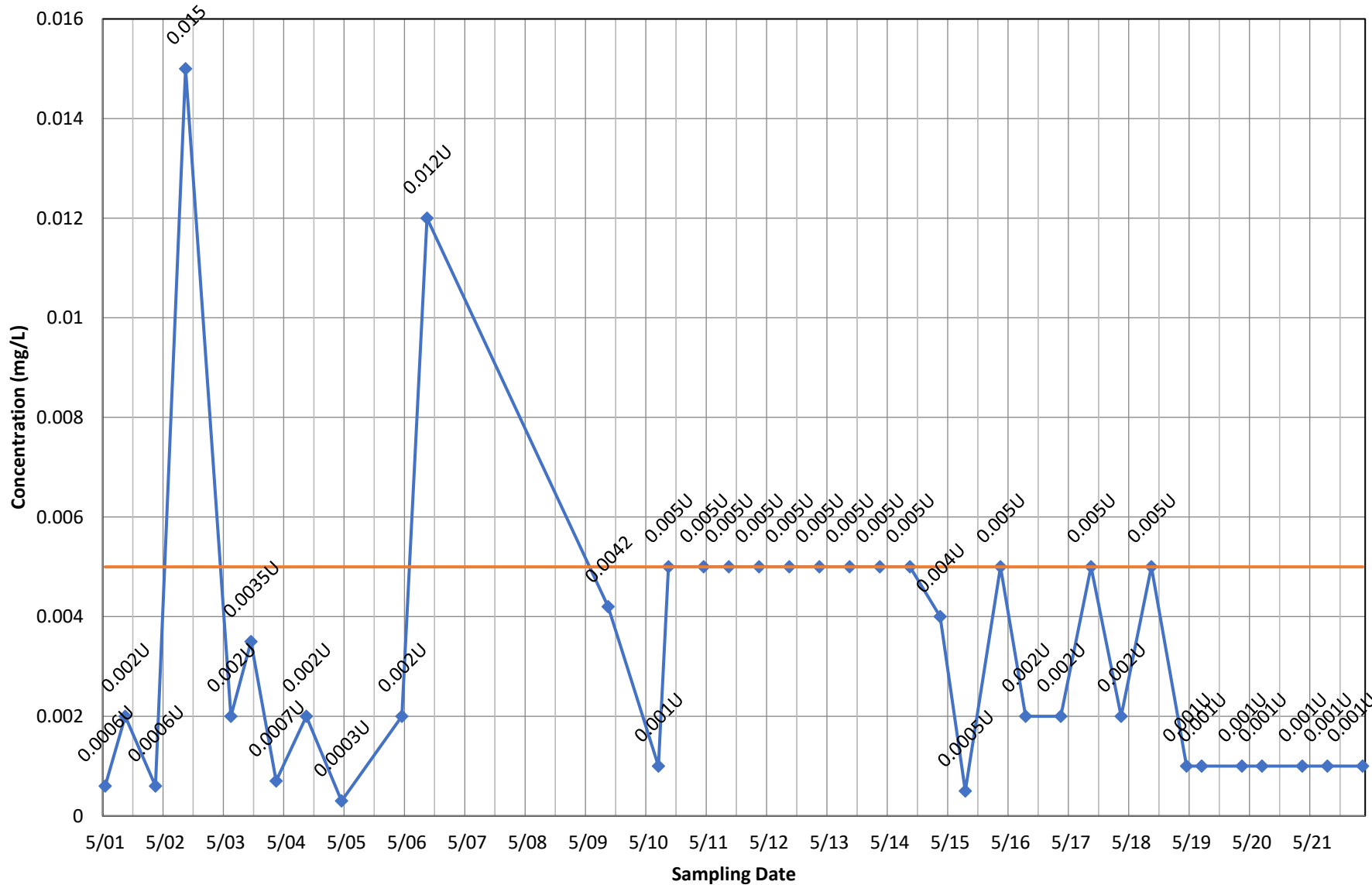
◆ Concentration — Current MCL

Monitoring Well OB015 - Beryllium, total



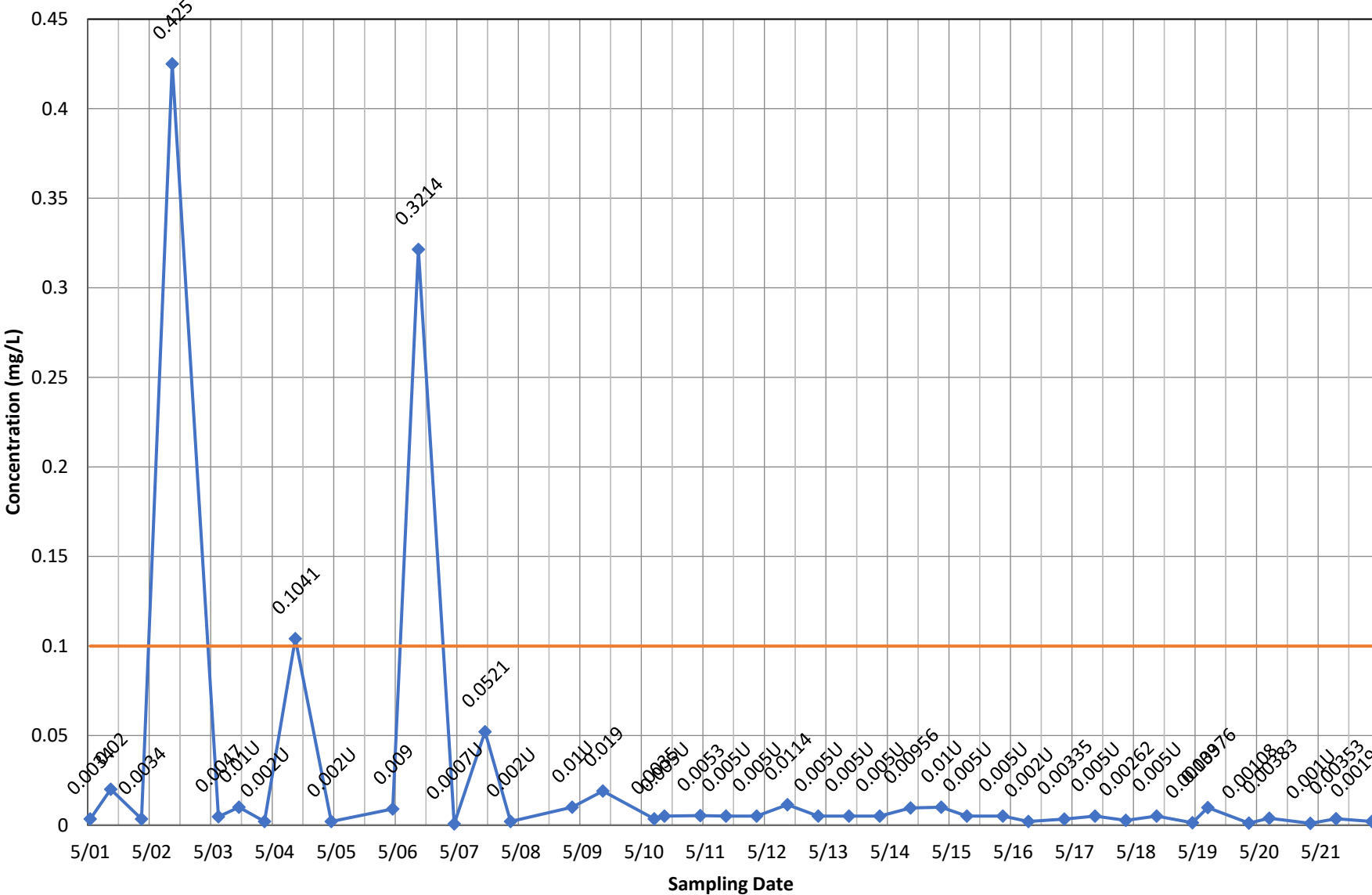
◆ Concentration — Current MCL

Monitoring Well OB015 - Cadmium, total



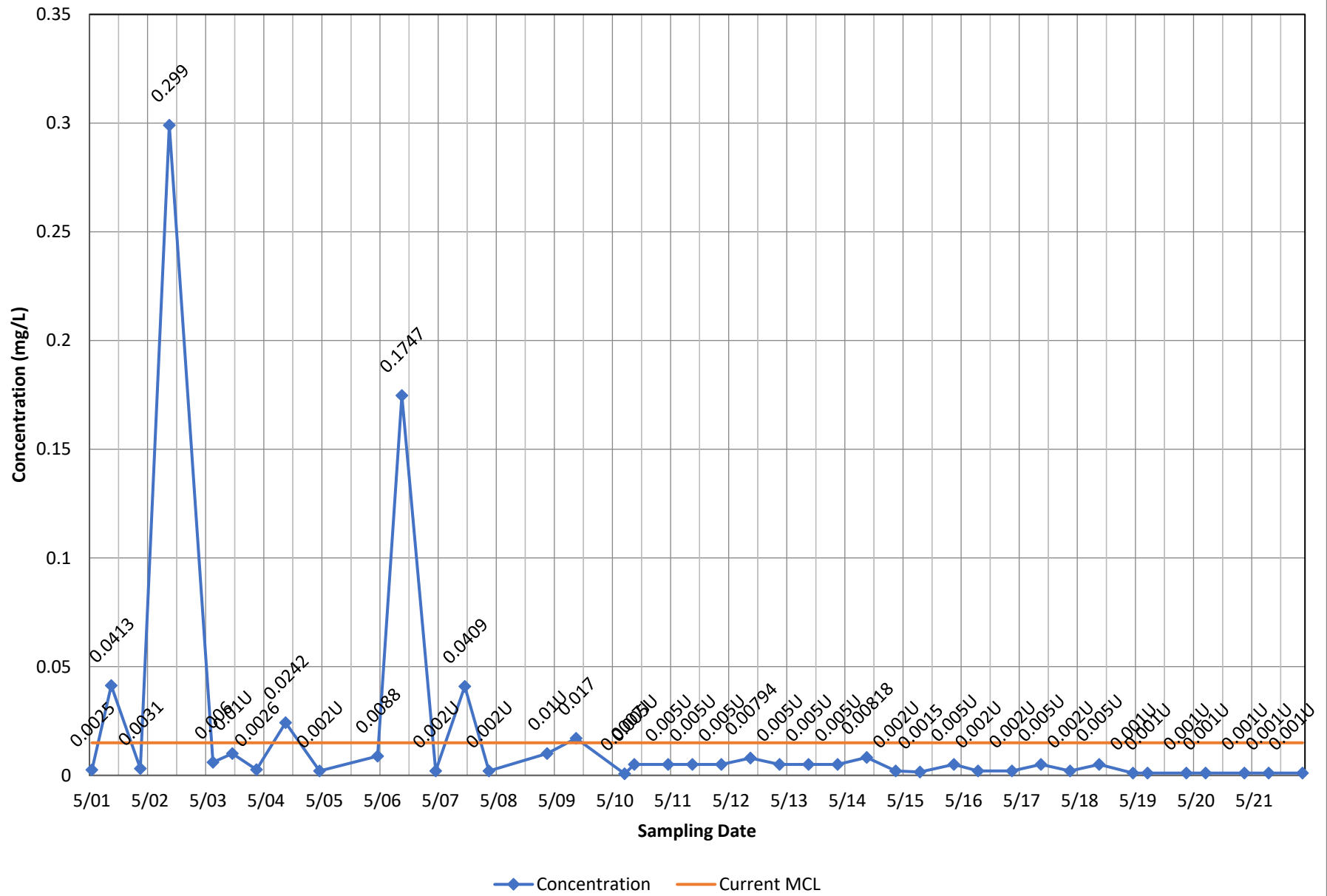
◆ Concentration — Current MCL

Monitoring Well OB015 - Chromium, total

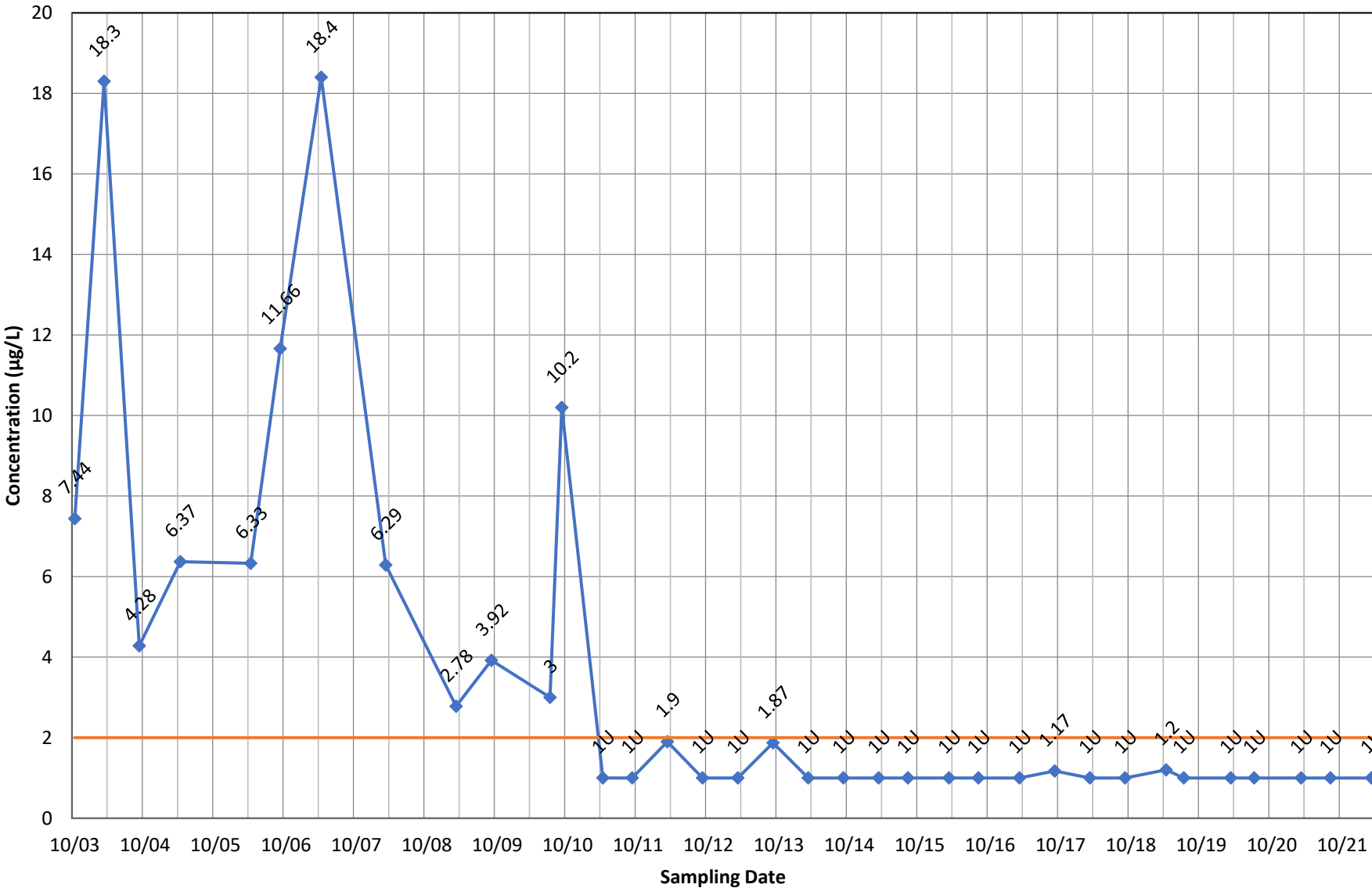


◆ Concentration — Current MCL

Monitoring Well OB015 - Lead, total

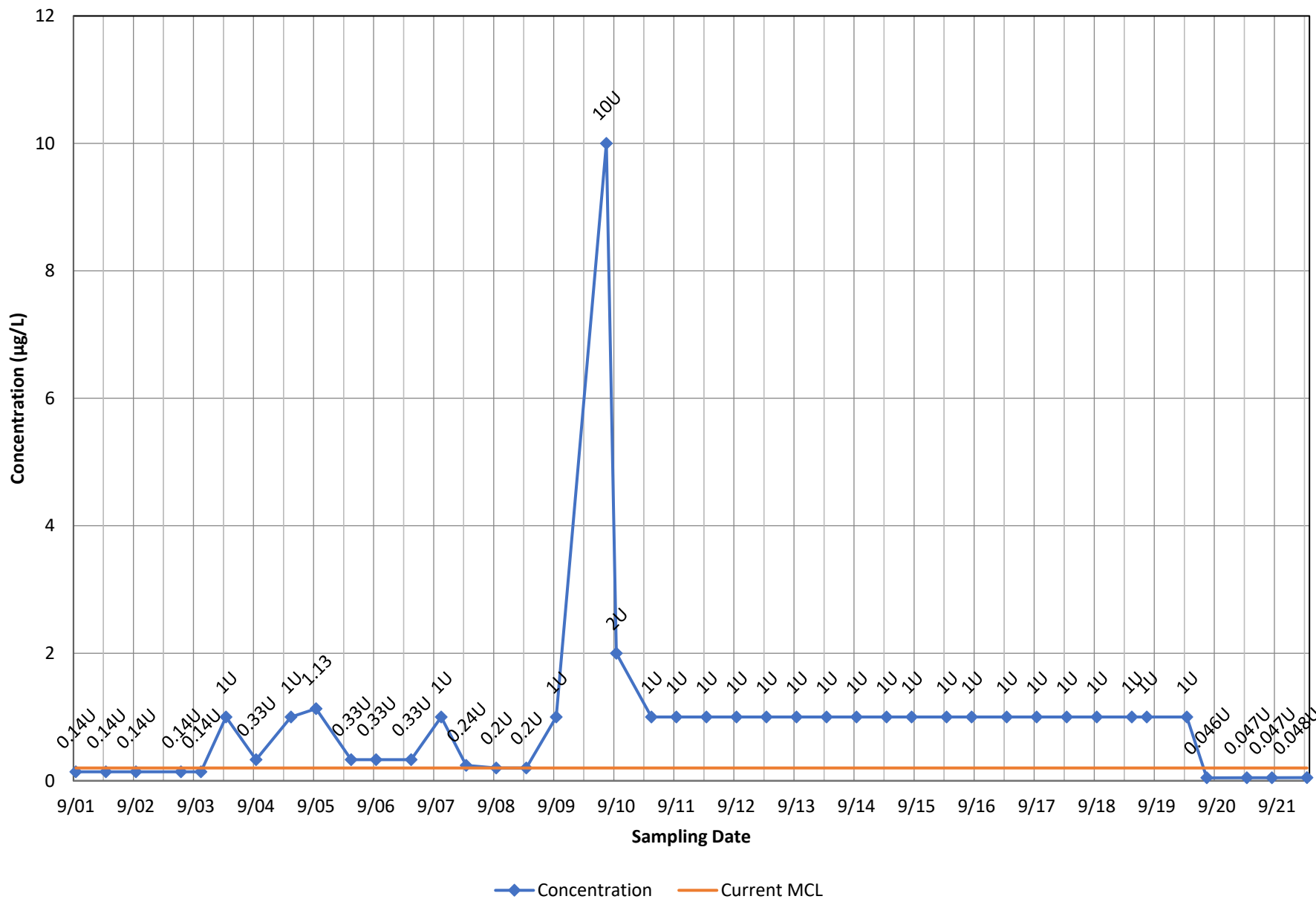


Monitoring Well OB015 - Vinyl Chloride

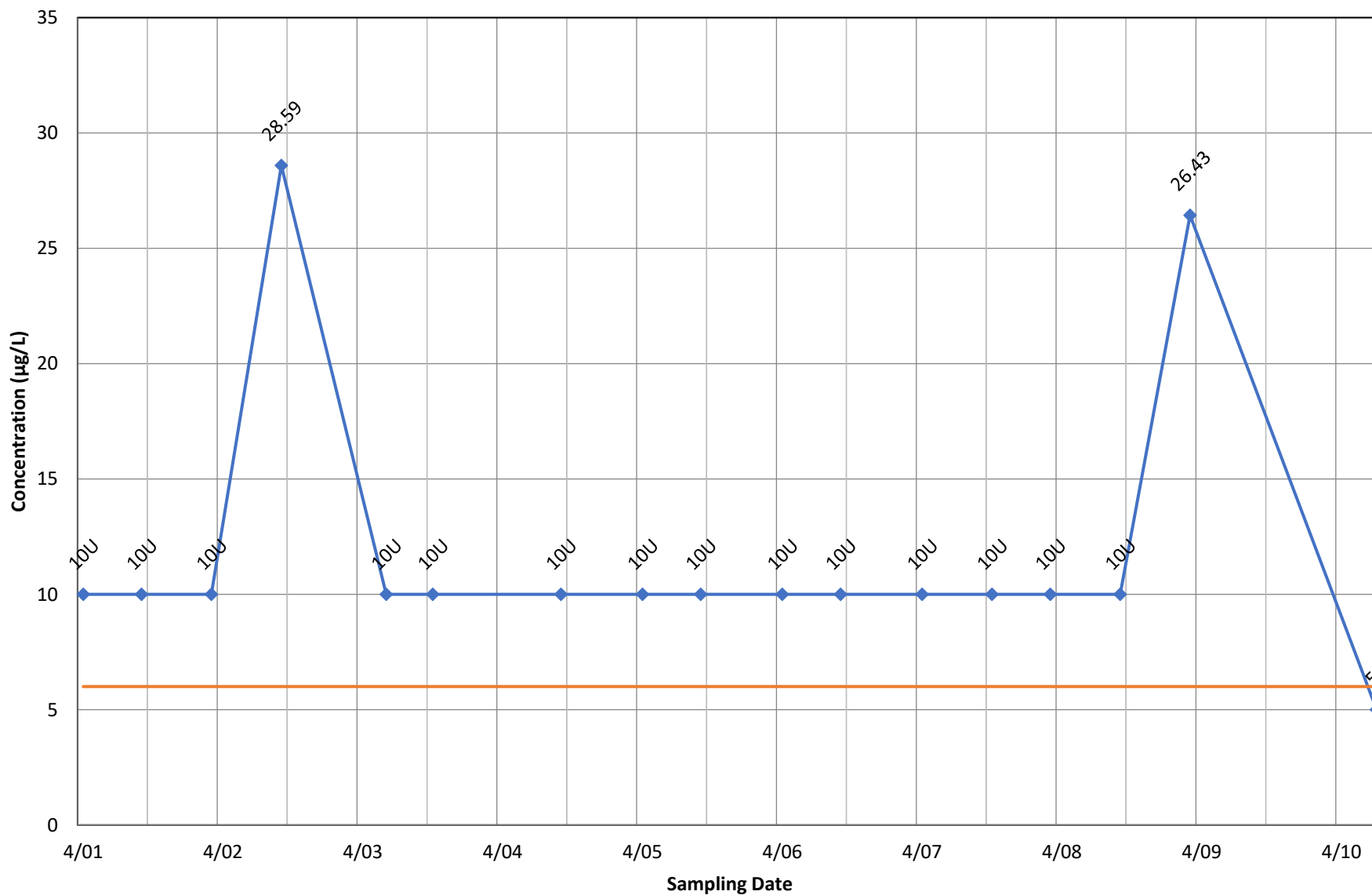


◆ Concentration — Current MCL

Monitoring Well OB02 - 1,2-Dibromo-3-chloropropane

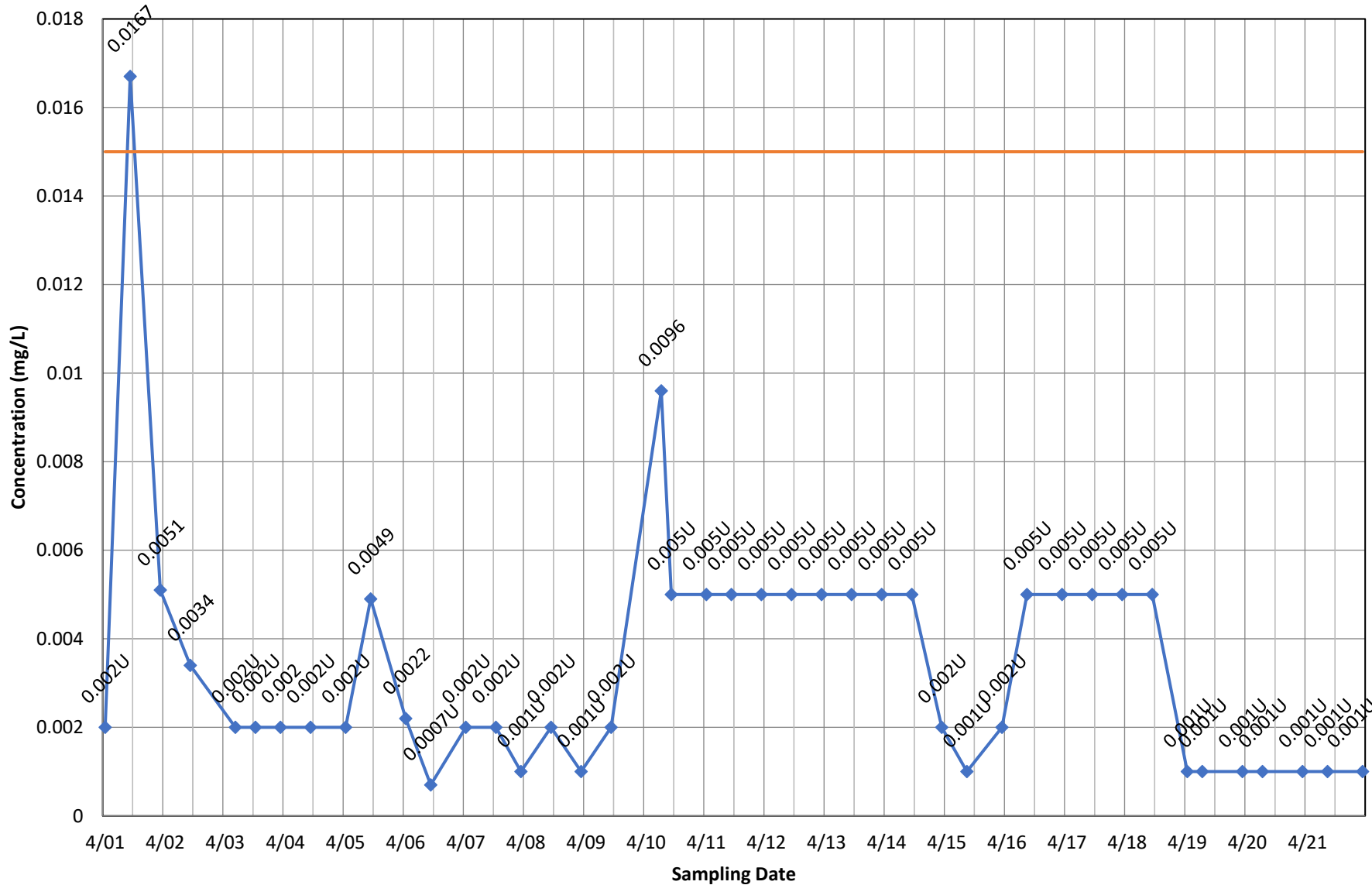


Monitoring Well OB02 - Bis(2-Ethylhexyl) Phthalate



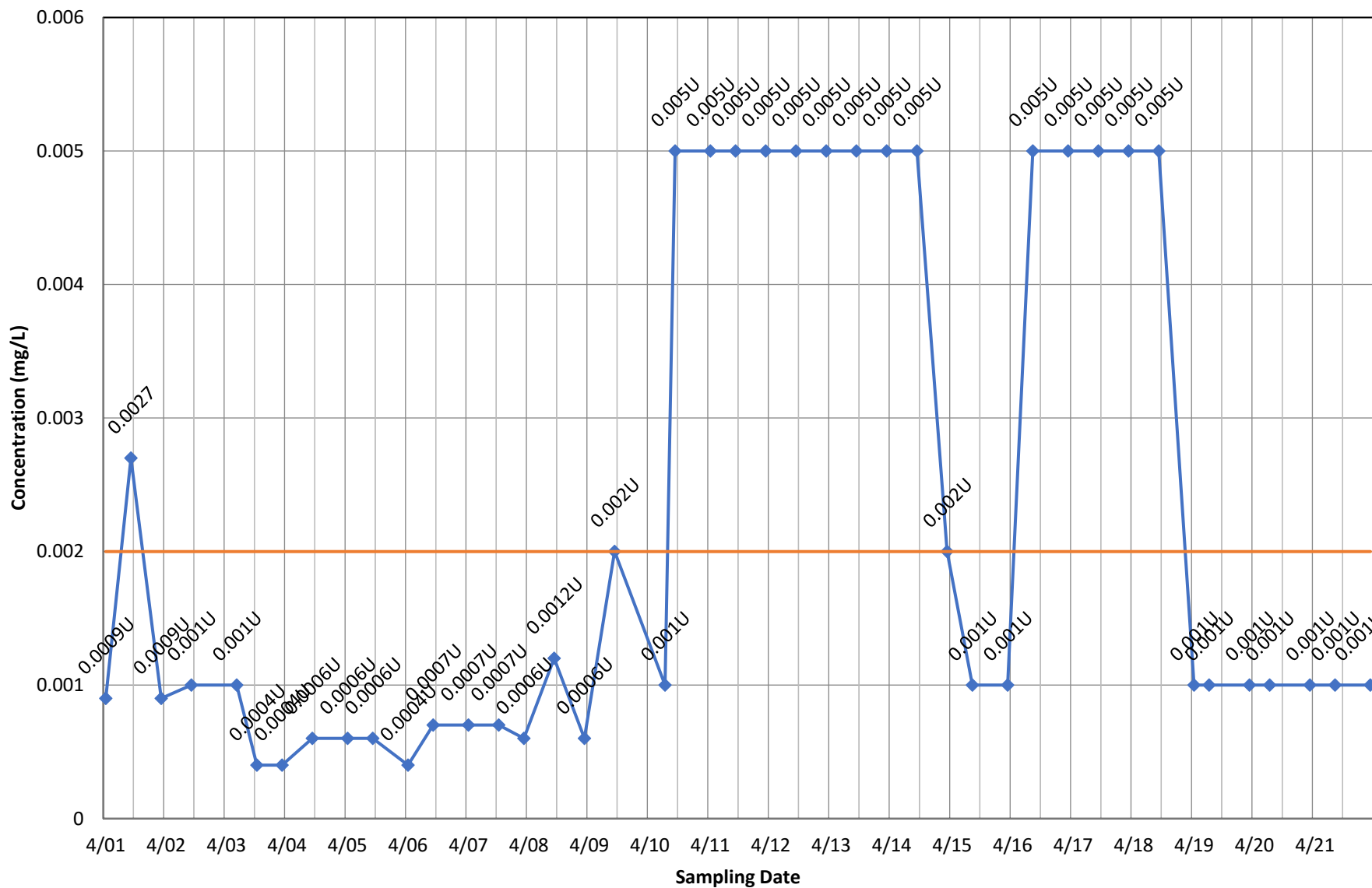
◆ Concentration — Current MCL

Monitoring Well OB02 - Lead, total



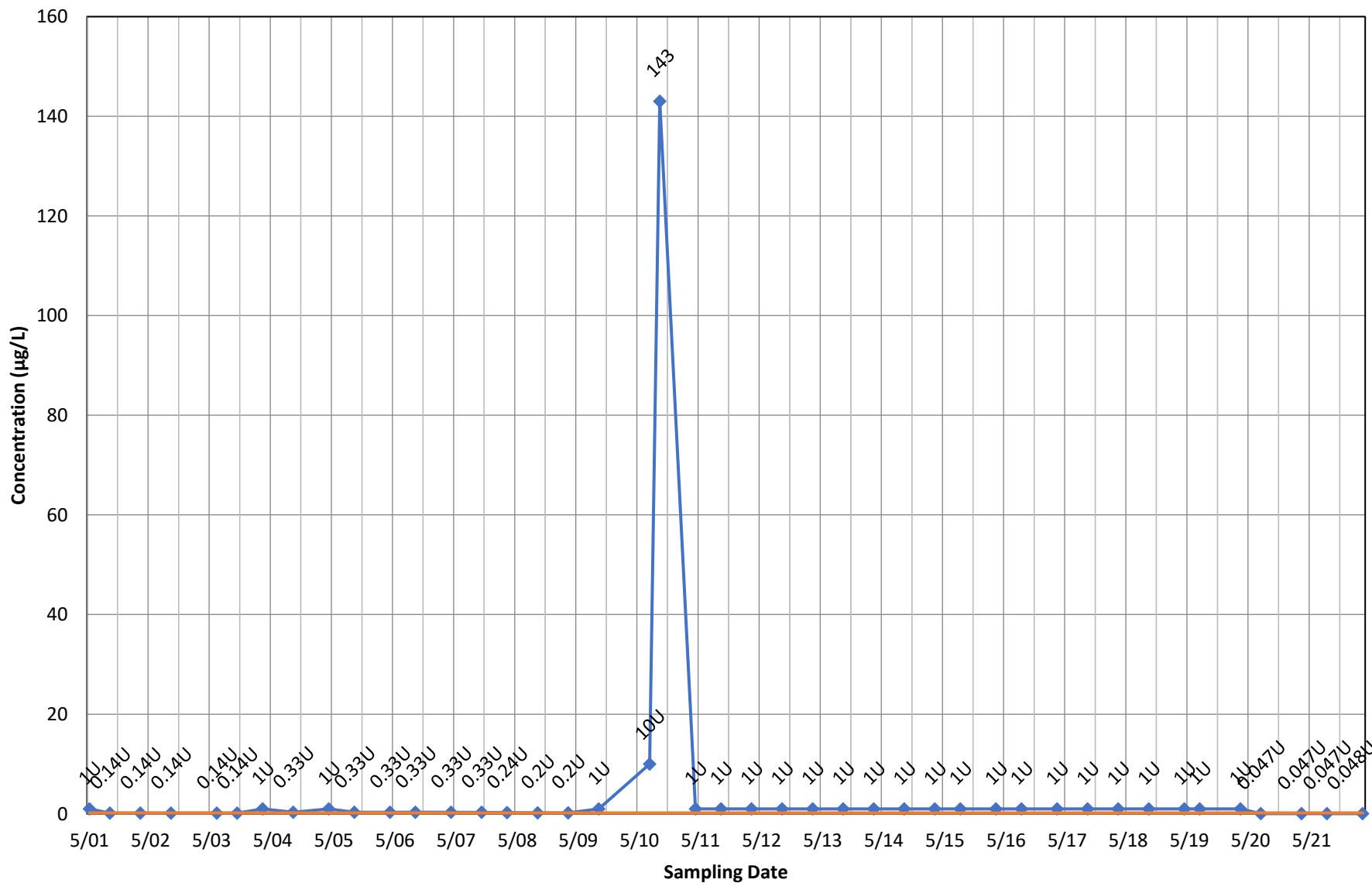
◆ Concentration — Current MCL

Monitoring Well OB02 - Thallium, total



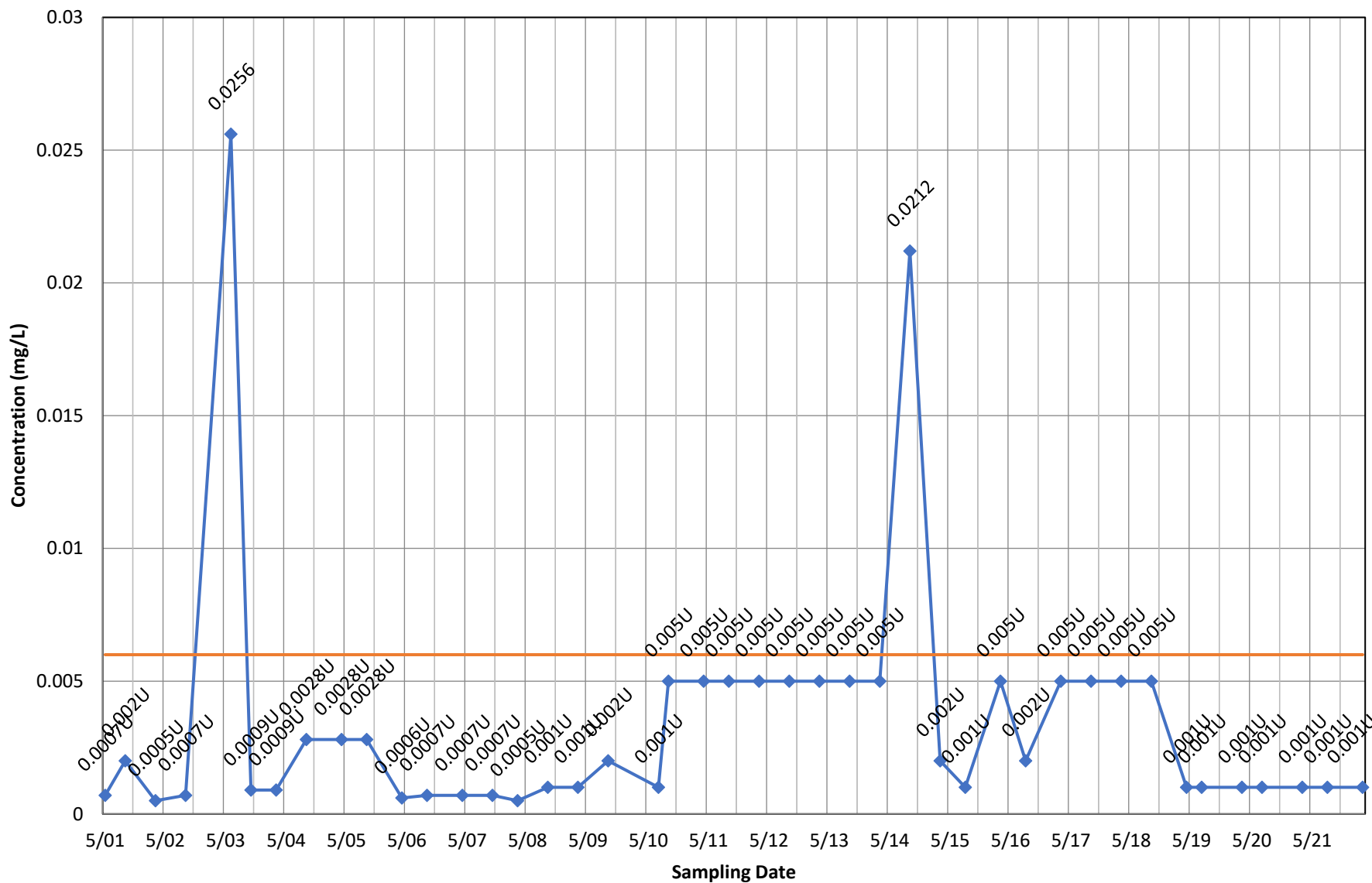
◆ Concentration — Current MCL

Monitoring Well OB025 - 1,2-Dibromo-3-chloropropane



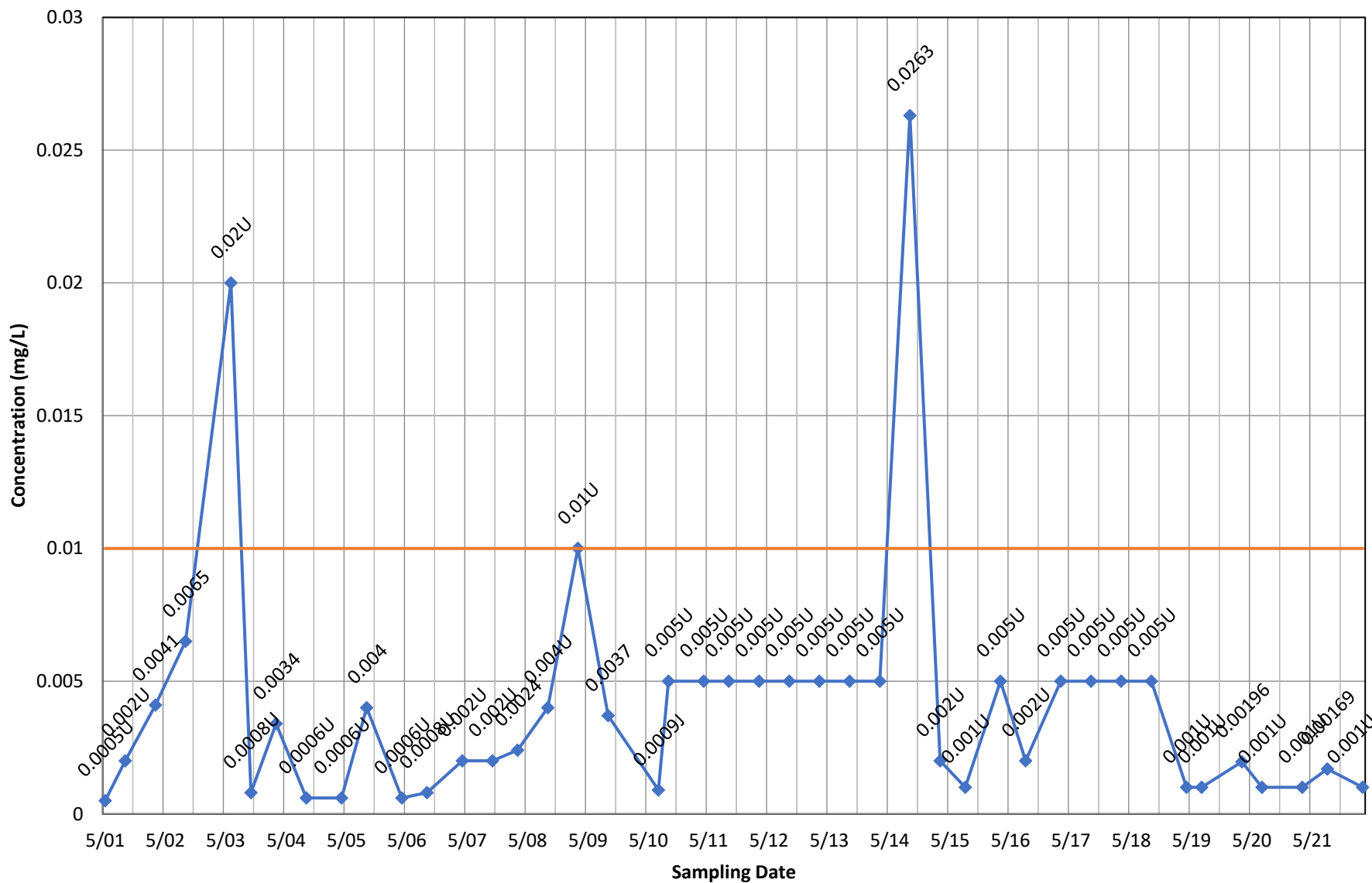
◆ Concentration — Current MCL

Monitoring Well OB025 - Antimony, total



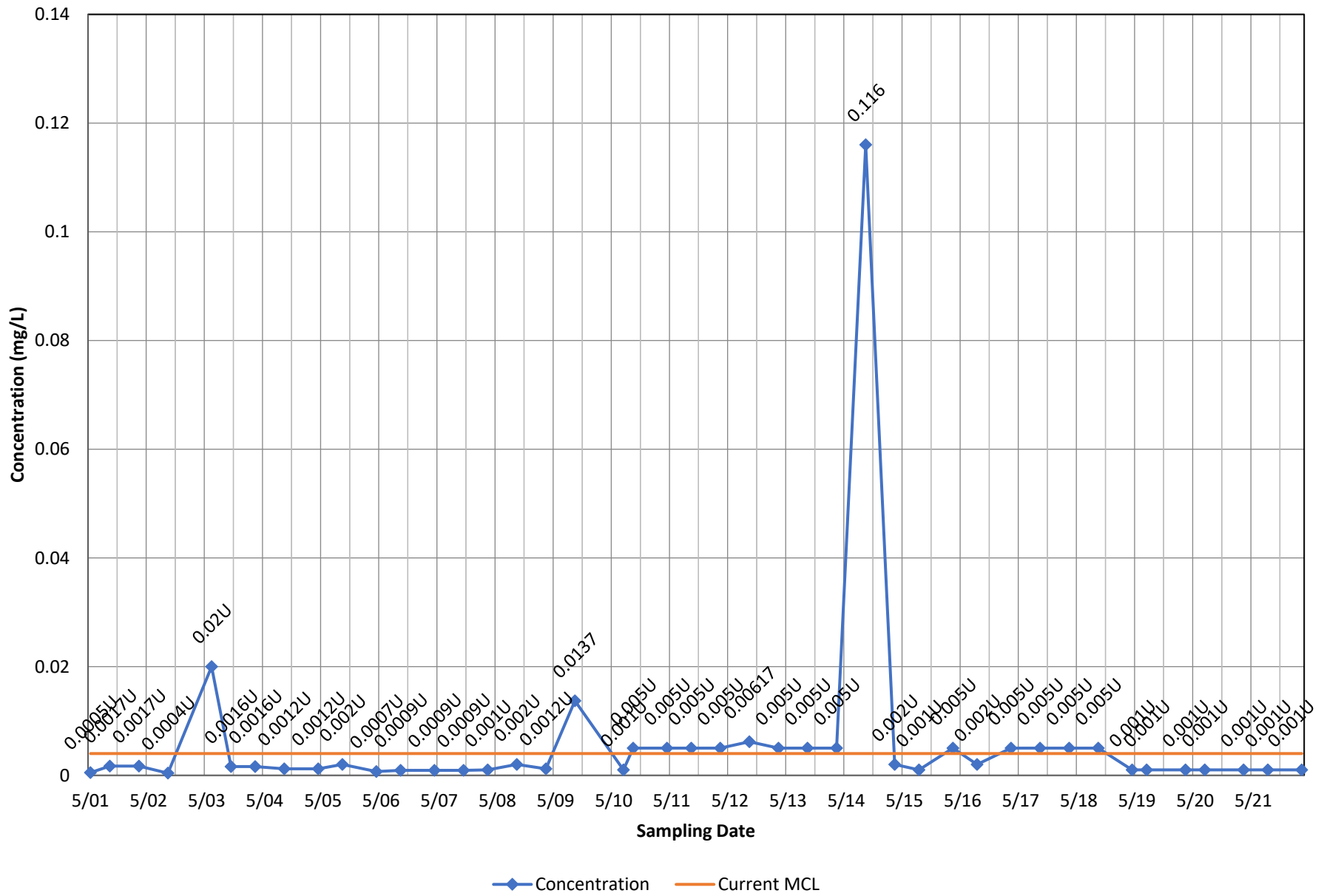
◆ Concentration — Current MCL

Monitoring Well OB025 - Arsenic, total

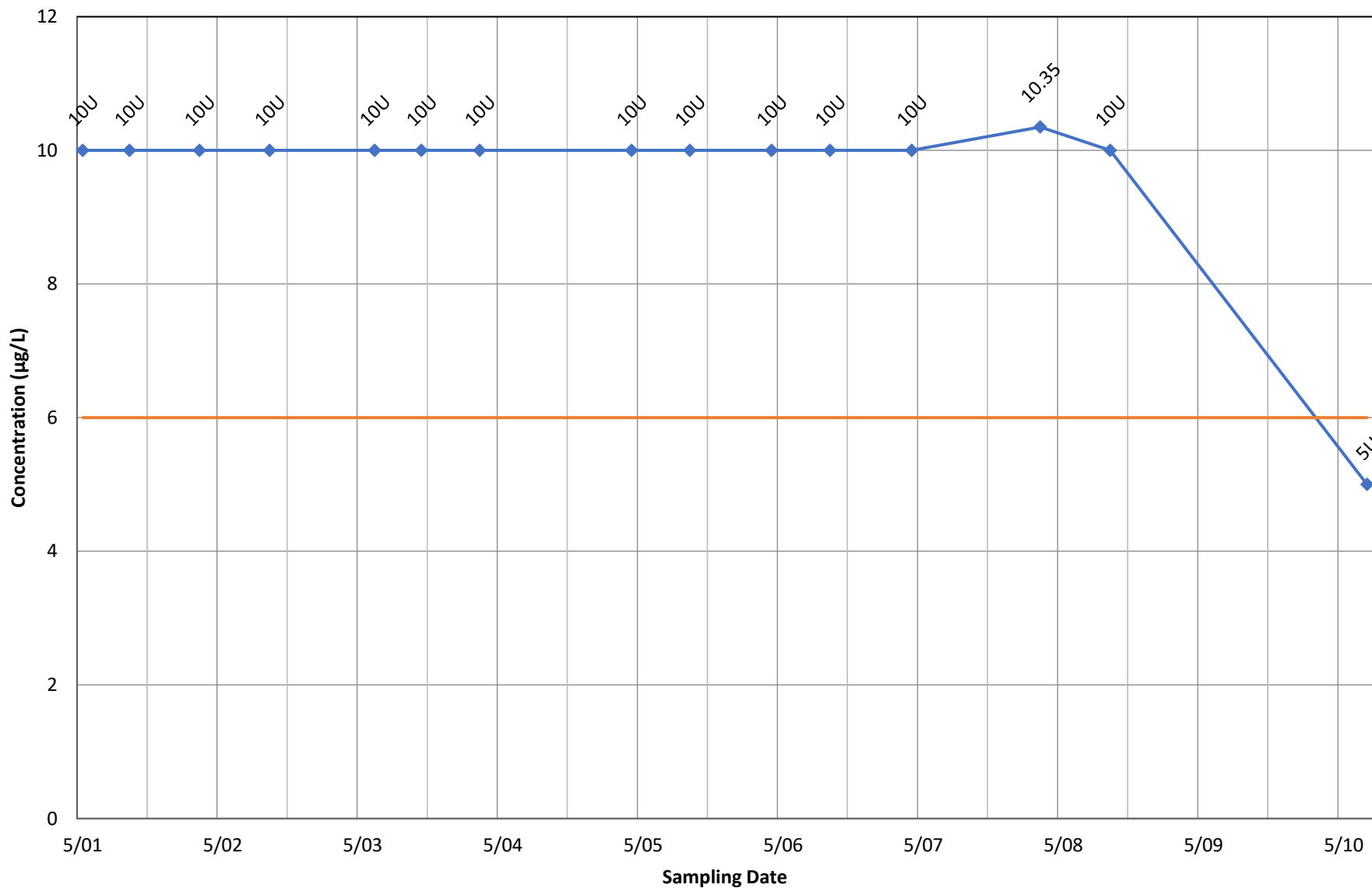


◆ Concentration — Current MCL

Monitoring Well OB025 - Beryllium, total

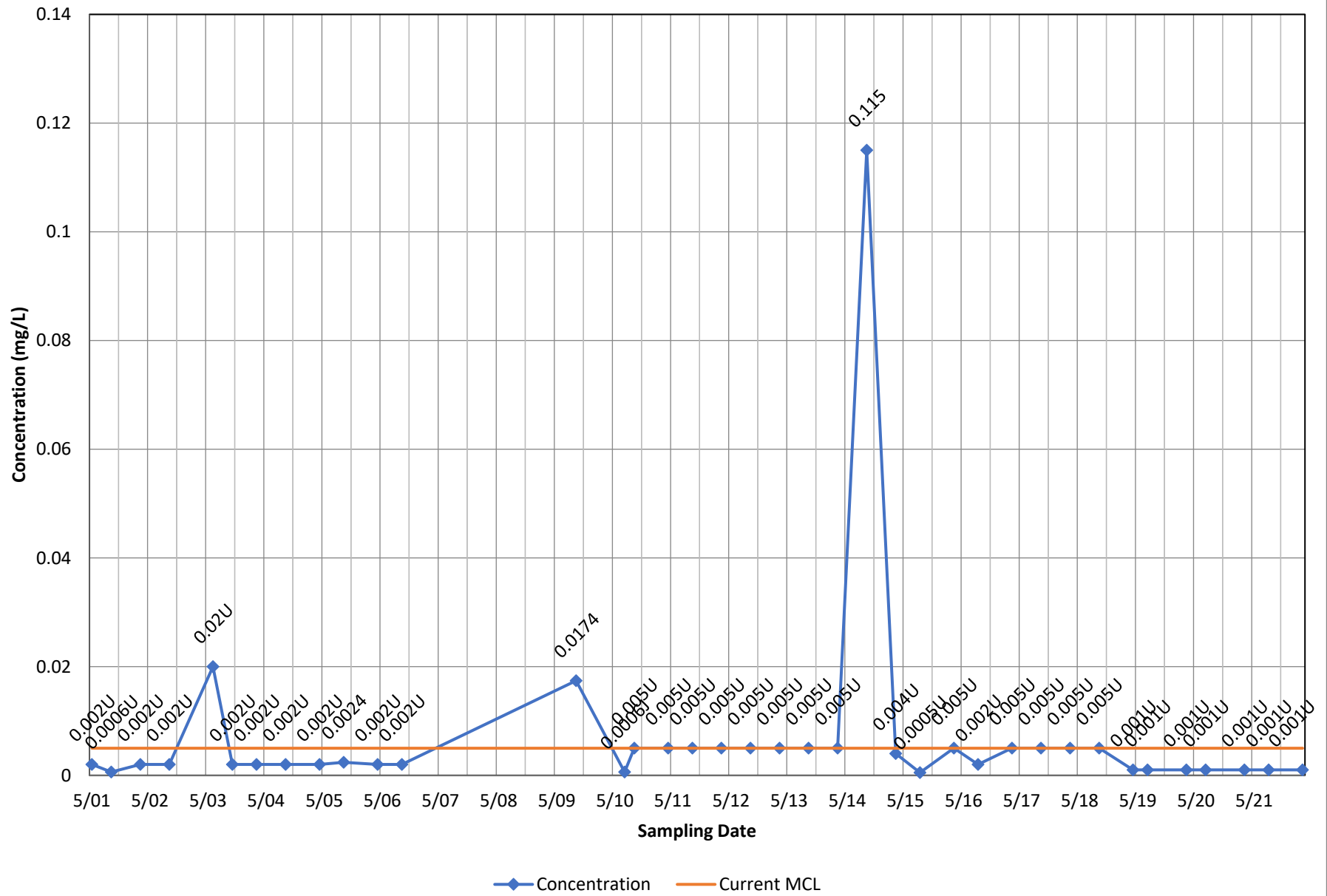


Monitoring Well OB025 - Bis(2-Ethylhexyl) Phthalate

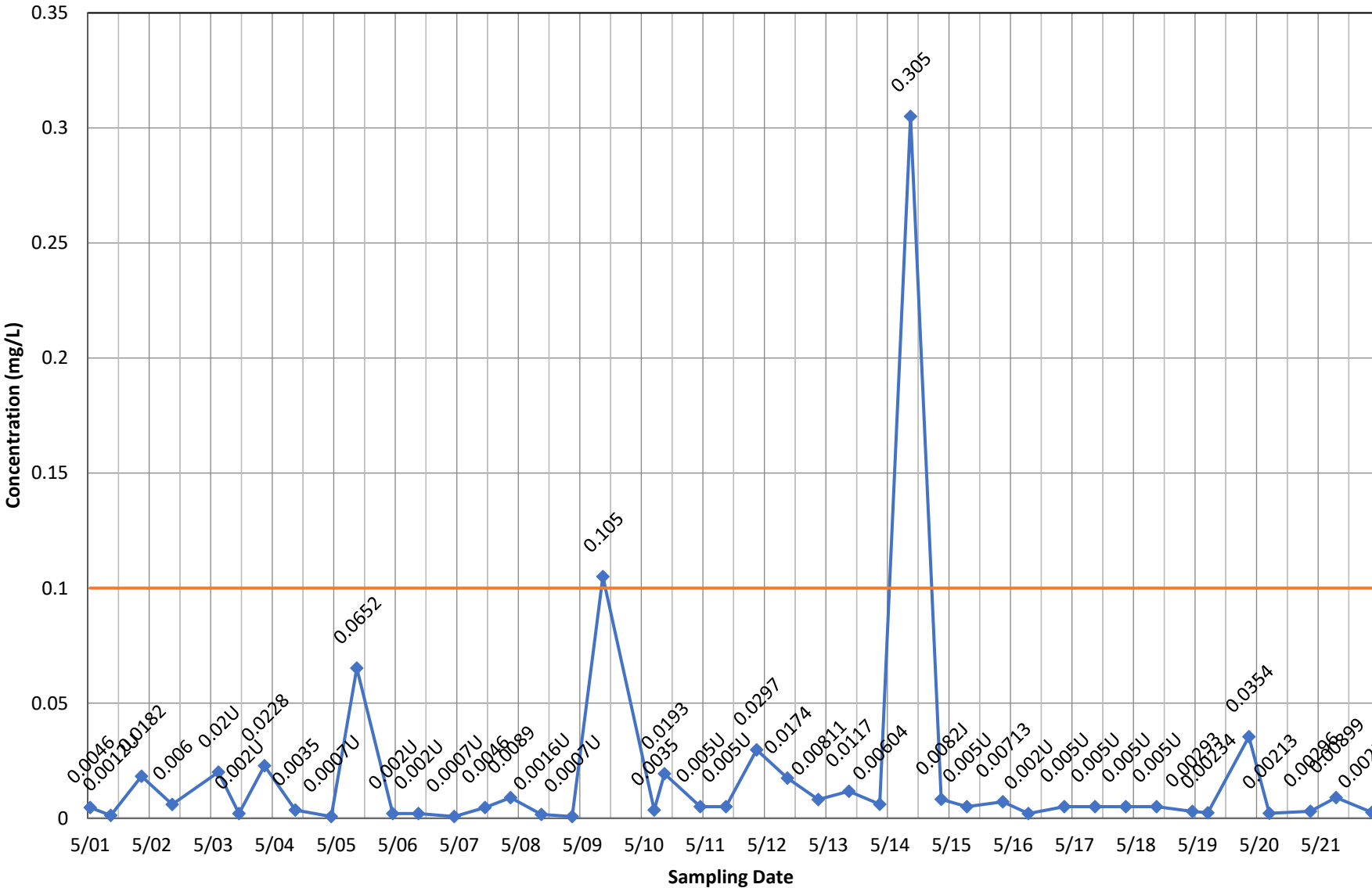


◆ Concentration — Current MCL

Monitoring Well OB025 - Cadmium, total

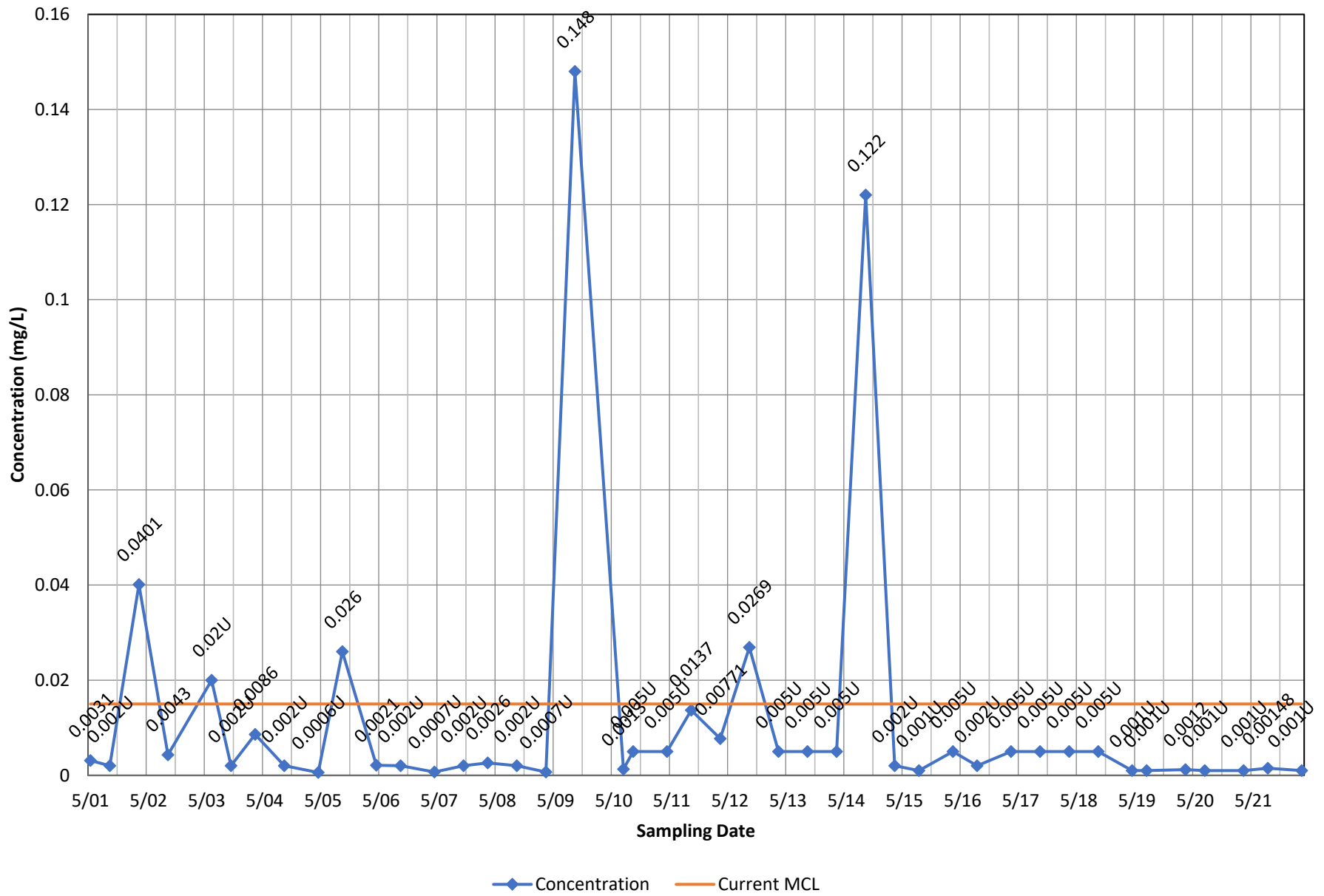


Monitoring Well OB025 - Chromium, total

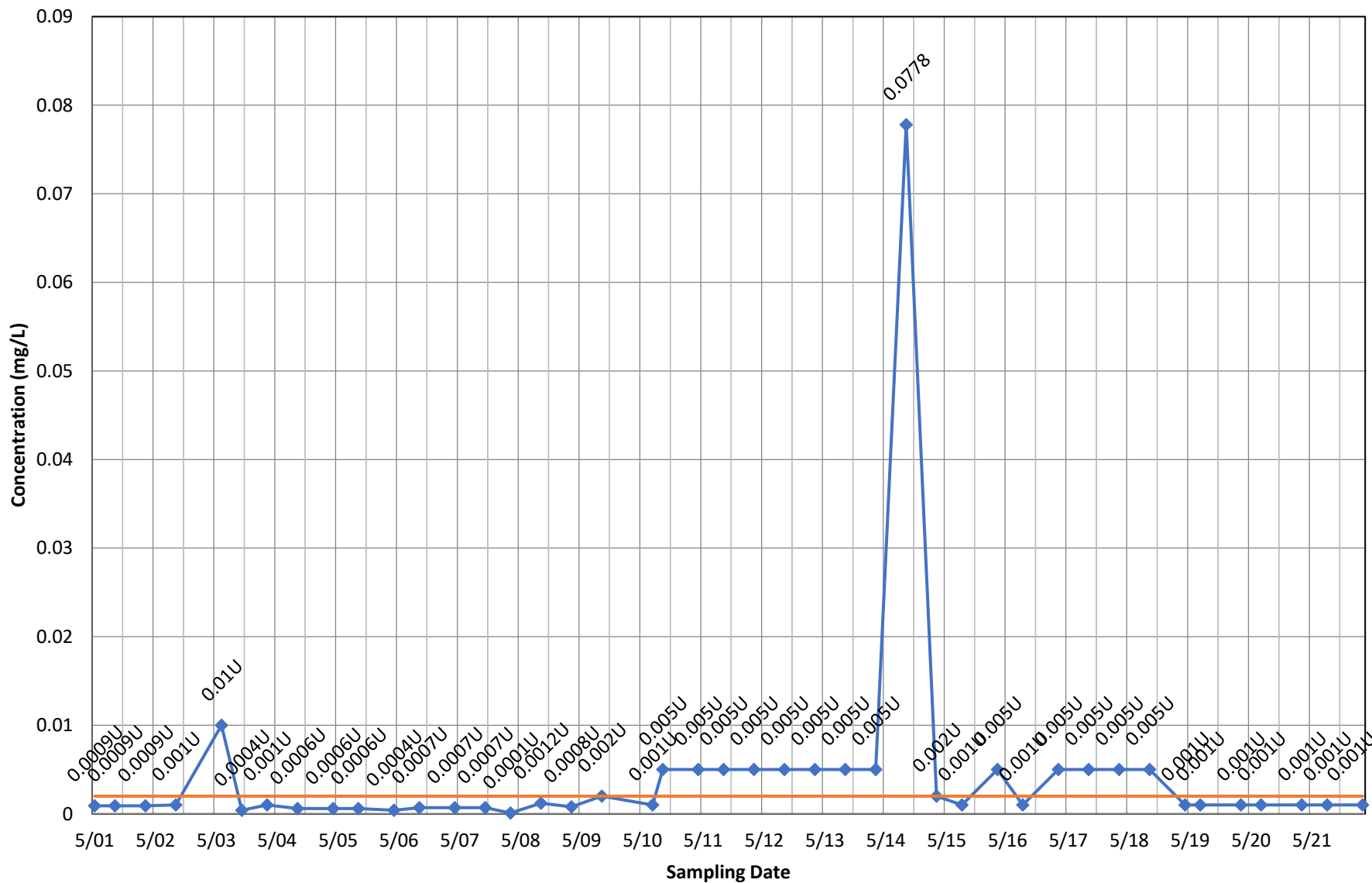


◆ Concentration — Current MCL

Monitoring Well OB025 - Lead, total

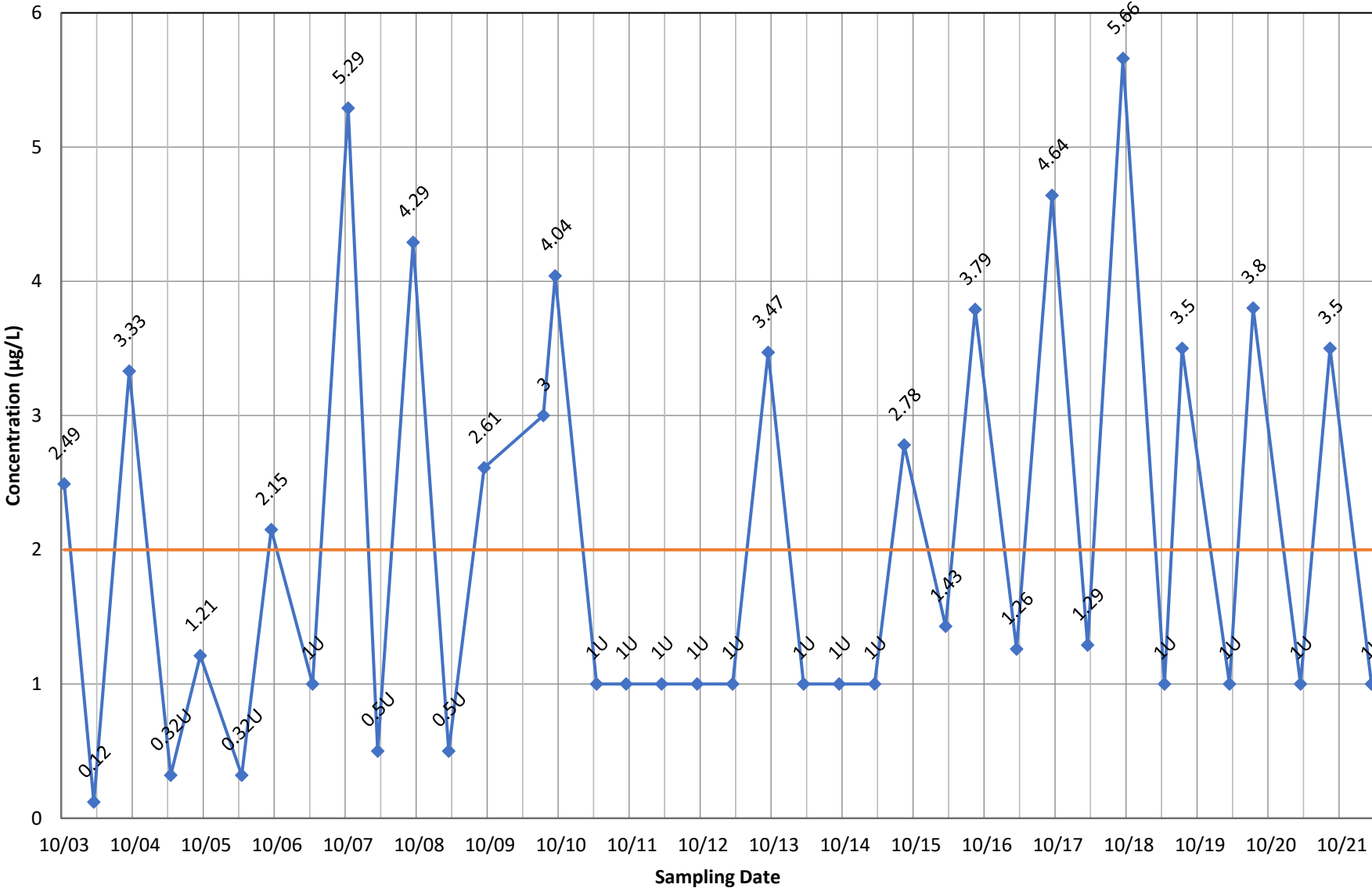


Monitoring Well OB025 - Thallium, total



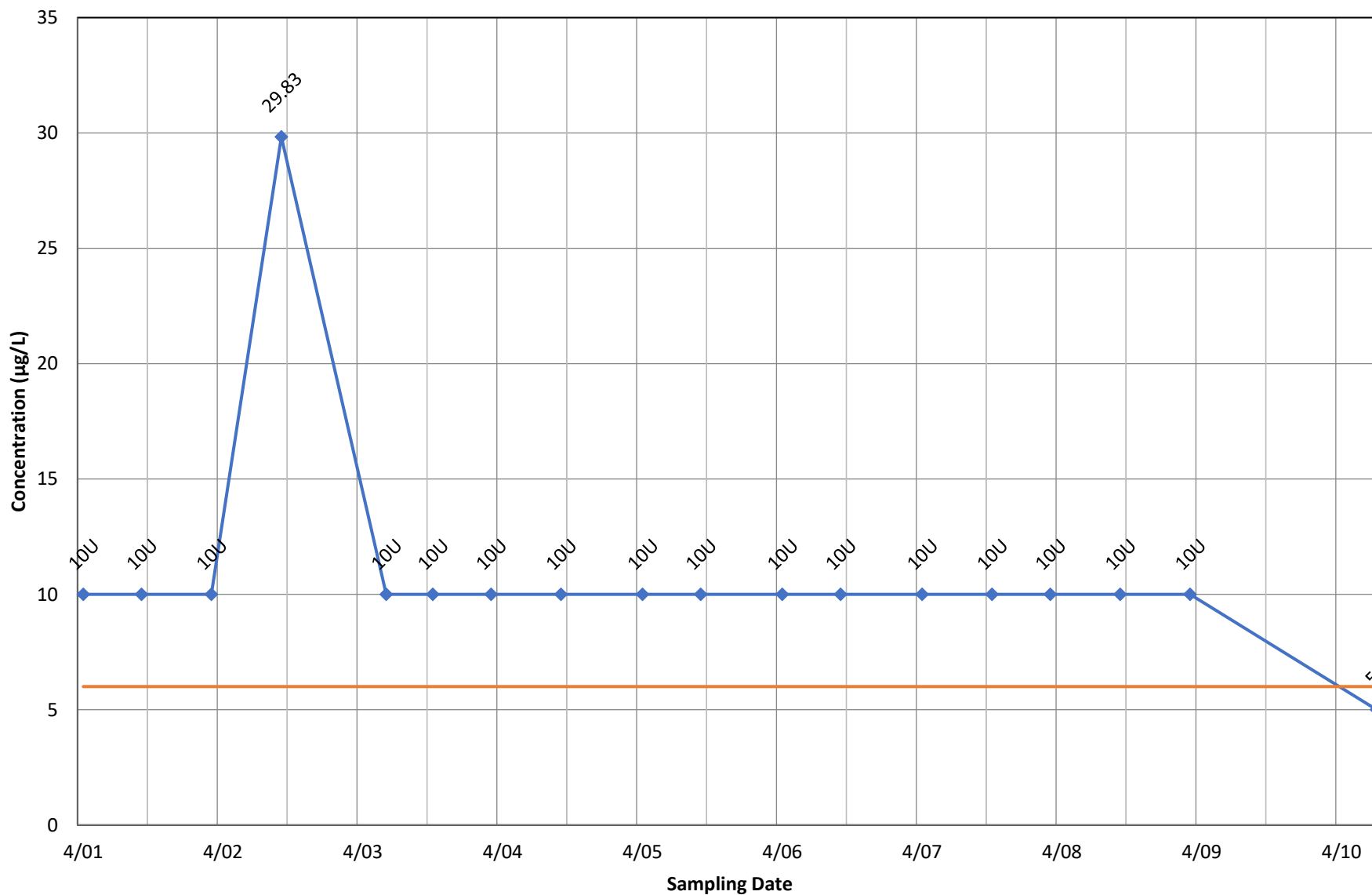
◆ Concentration — Current MCL

Monitoring Well OB025 - Vinyl Chloride



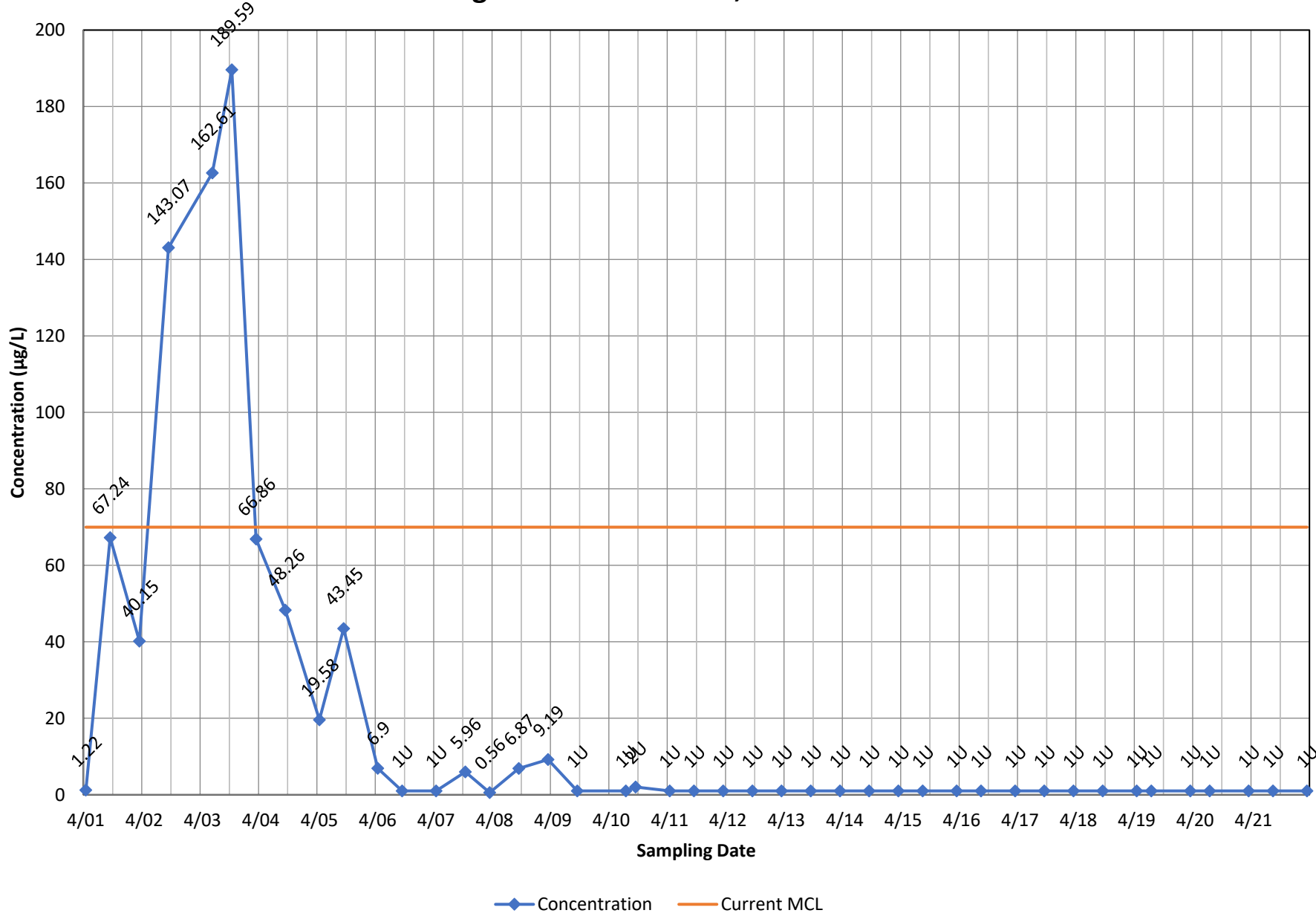
◆ Concentration — Current MCL

Monitoring Well OB02A - Bis(2-Ethylhexyl) Phthalate

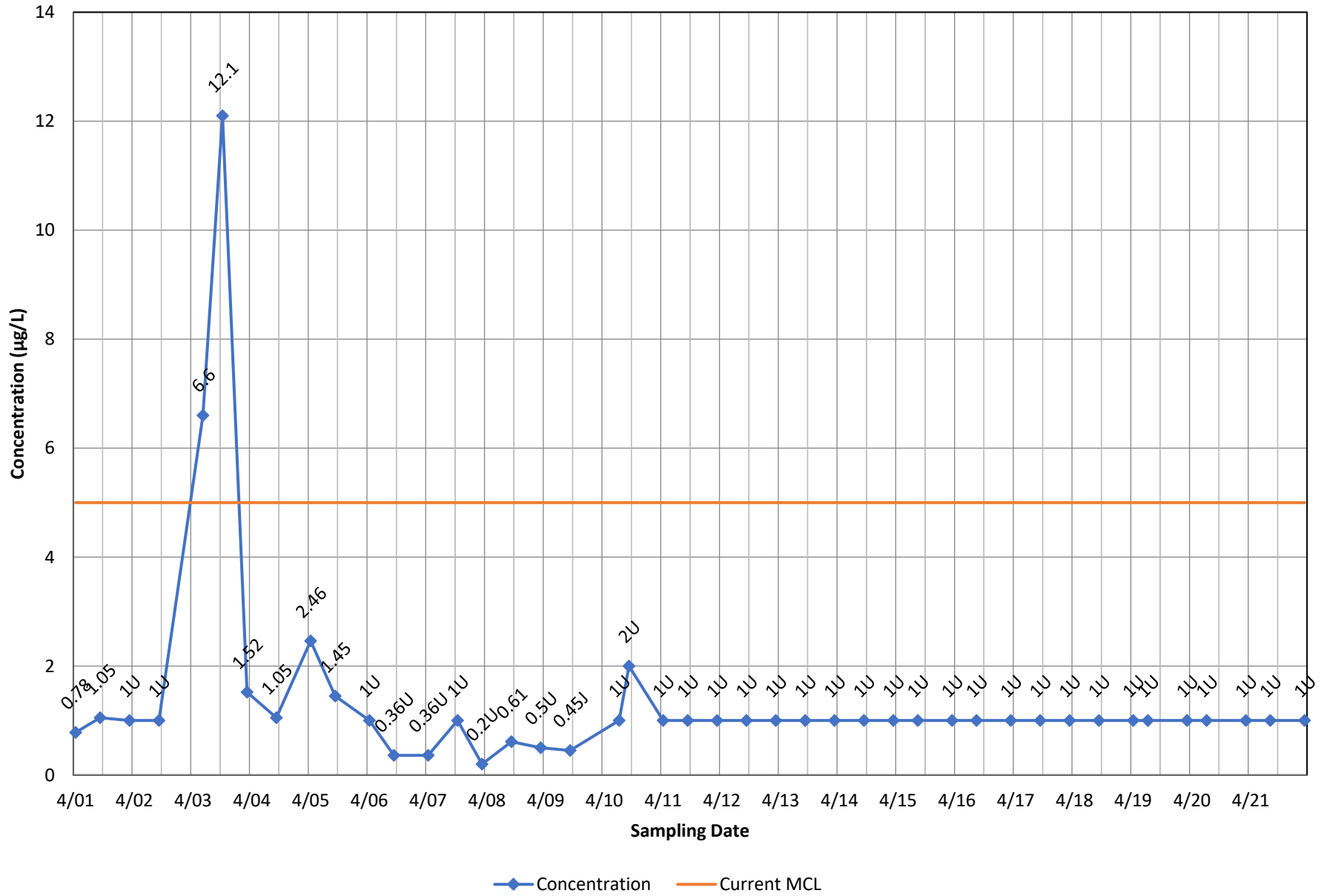


◆ Concentration — Current MCL

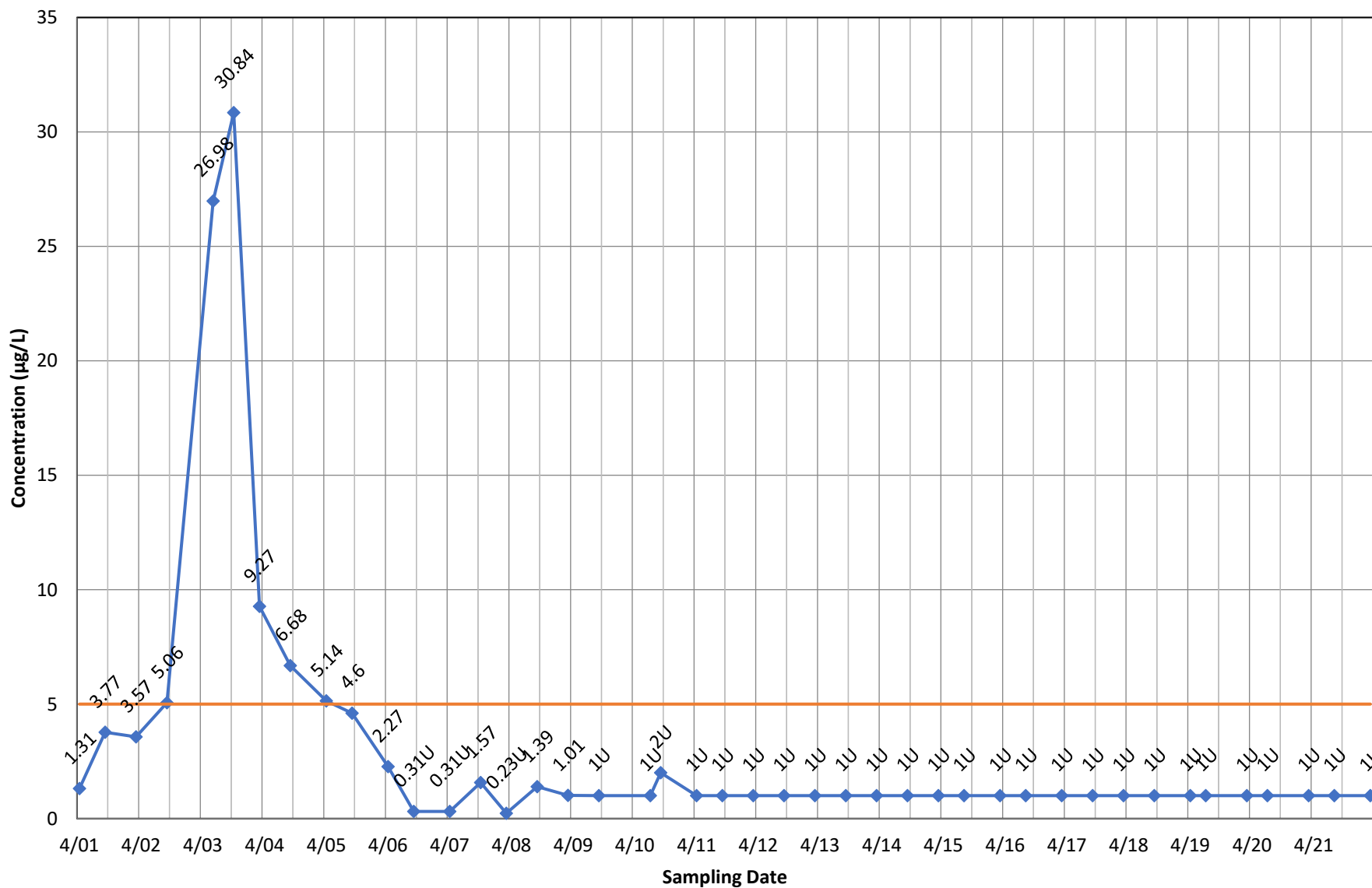
Monitoring Well OB02A - cis-1,2-Dichloroethene



Monitoring Well OB02A - Tetrachloroethene

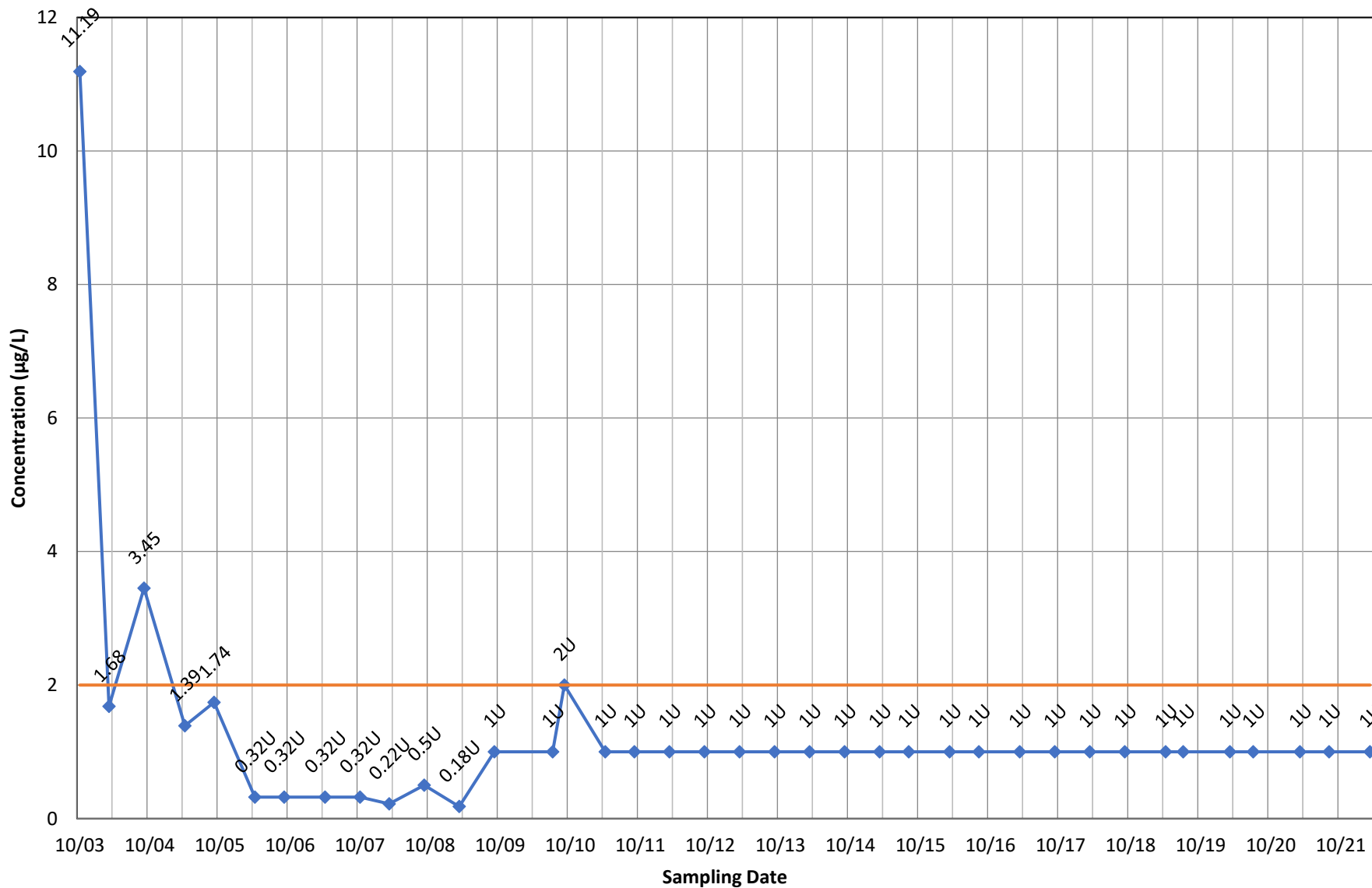


Monitoring Well OB02A - Trichloroethene



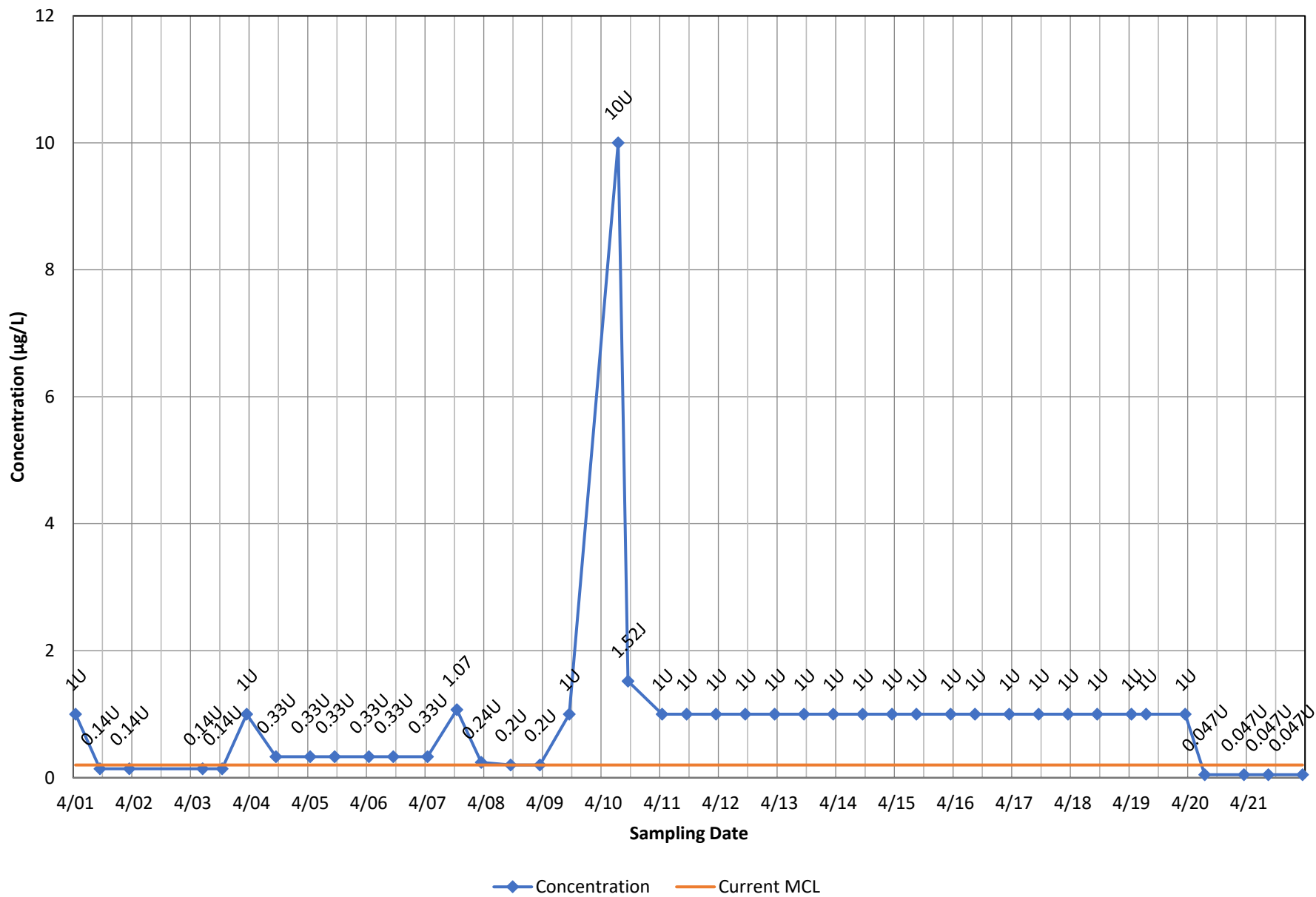
◆ Concentration — Current MCL

Monitoring Well OB02A - Vinyl Chloride

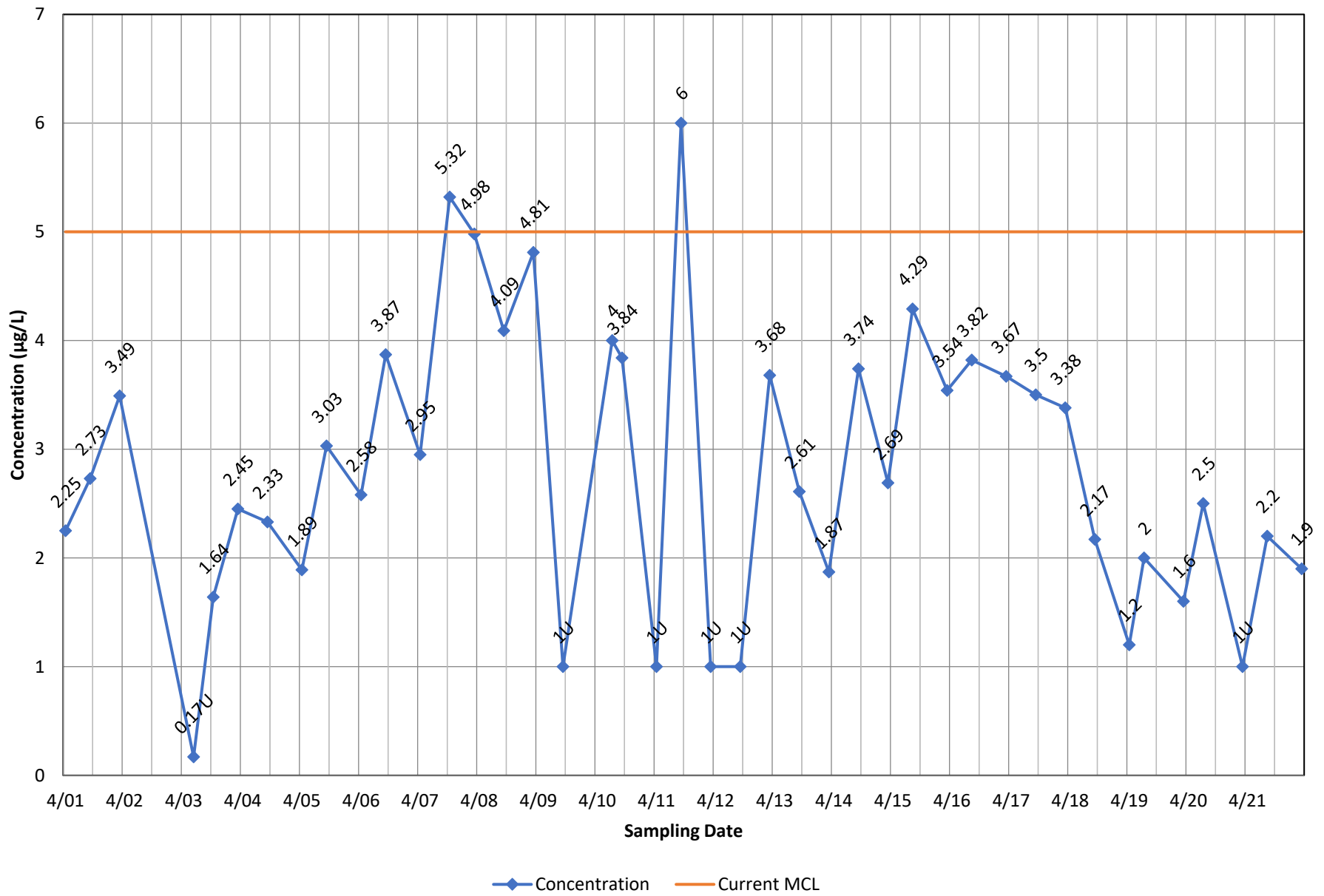


◆ Concentration — Current MCL

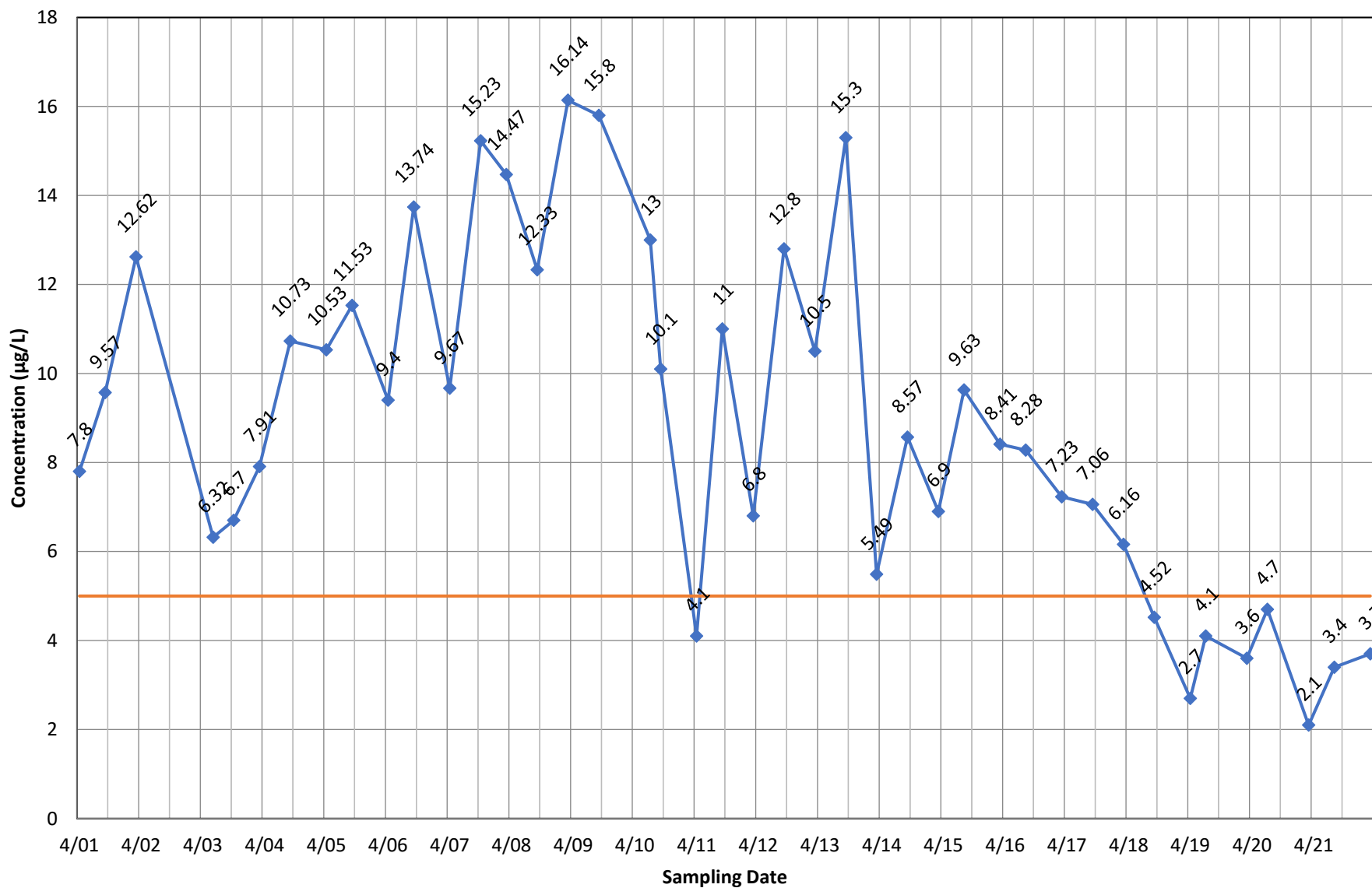
Monitoring Well OB03 - 1,2-Dibromo-3-chloropropane



Monitoring Well OB03 - 1,2-Dichloroethane

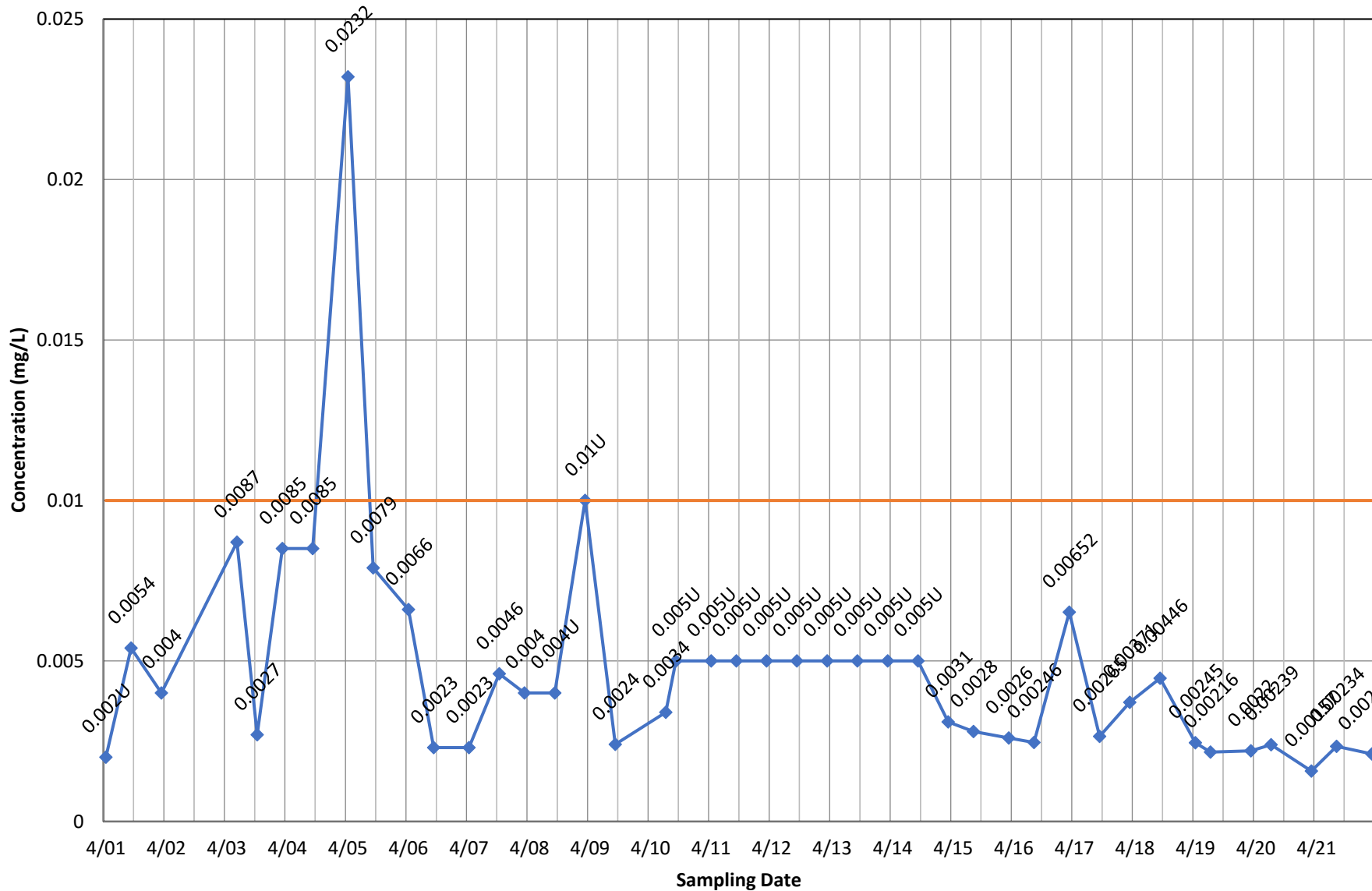


Monitoring Well OB03 - 1,2-Dichloropropane



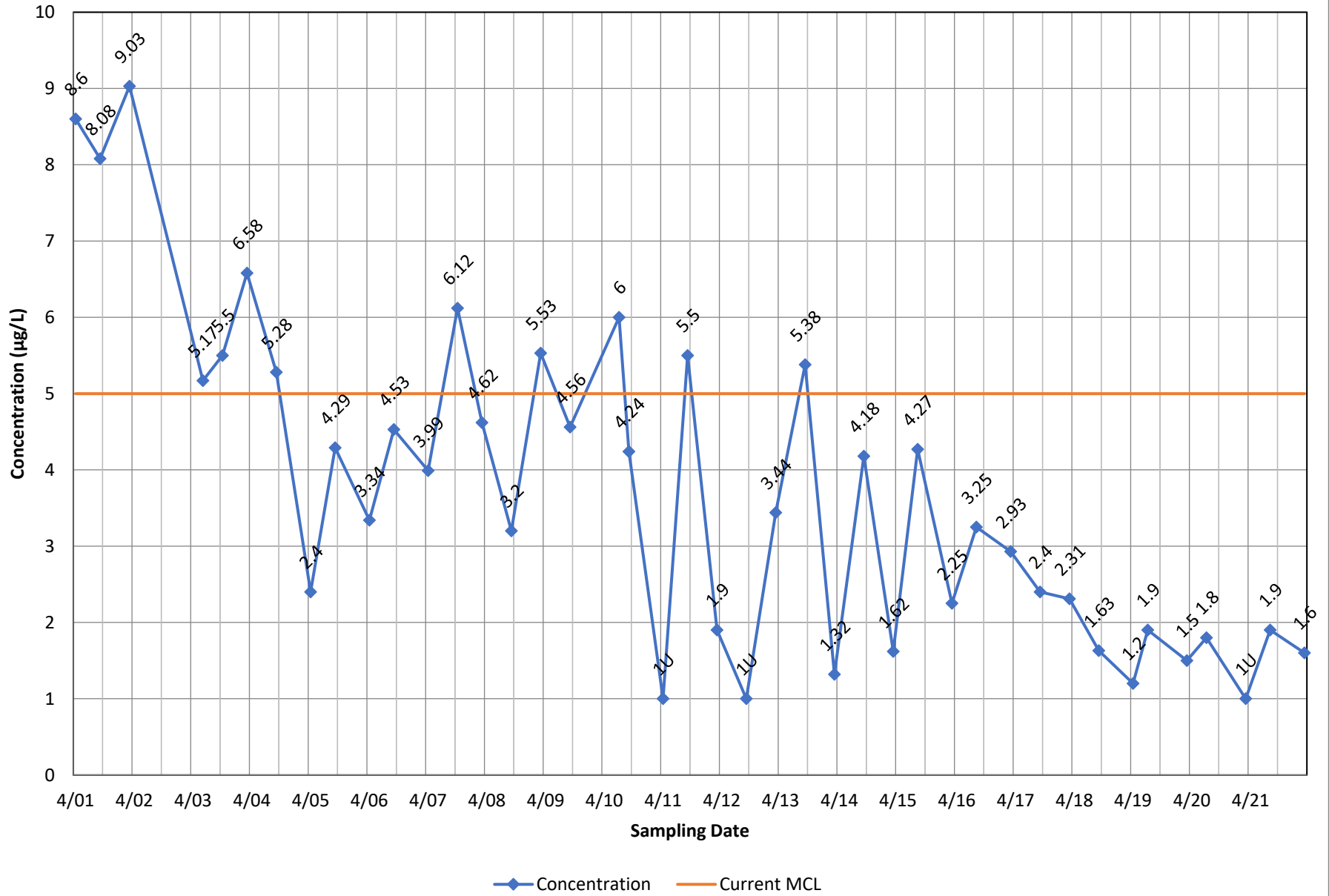
◆ Concentration — Current MCL

Monitoring Well OB03 - Arsenic, total

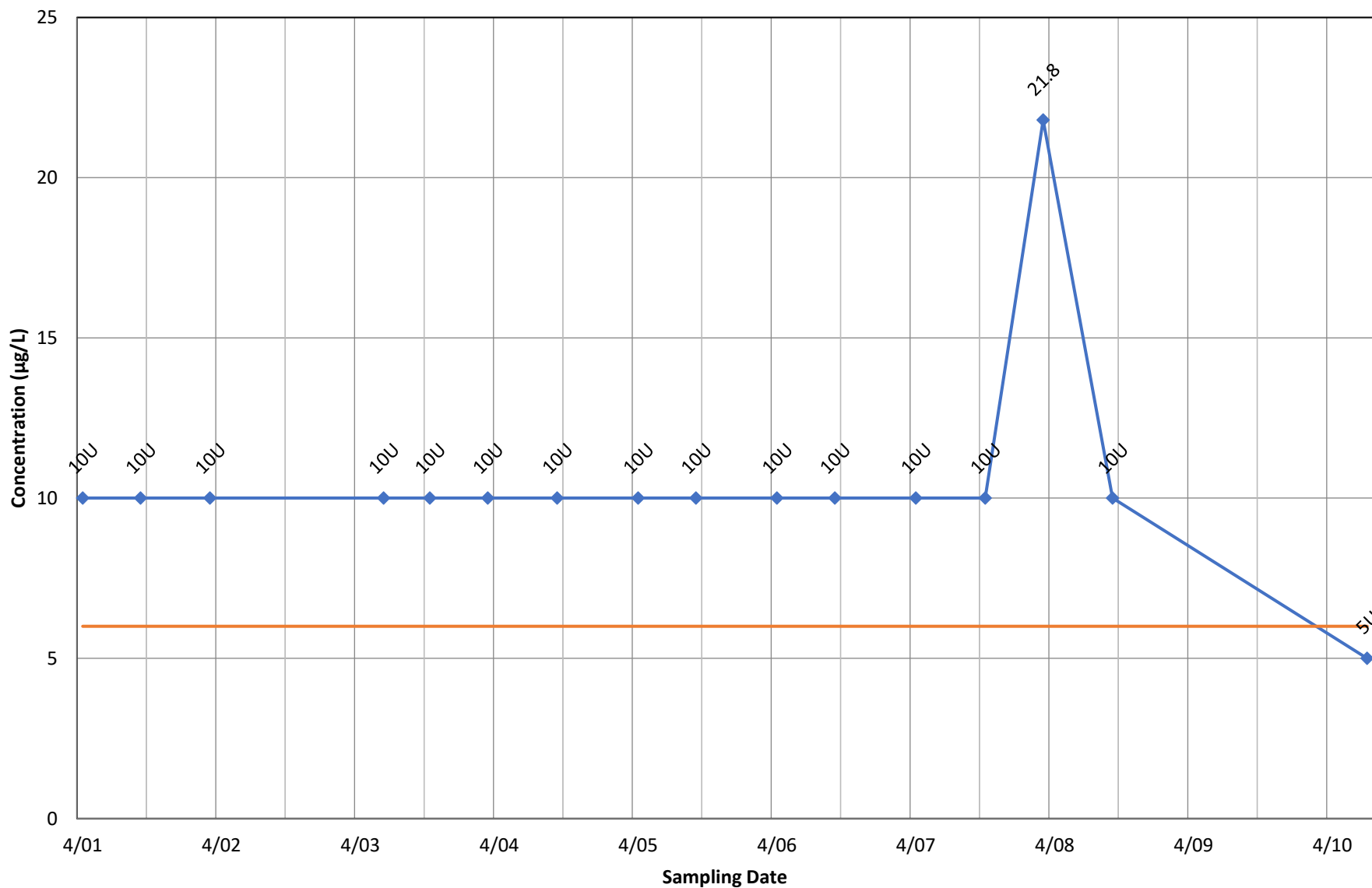


◆ Concentration — Current MCL

Monitoring Well OB03 - Benzene

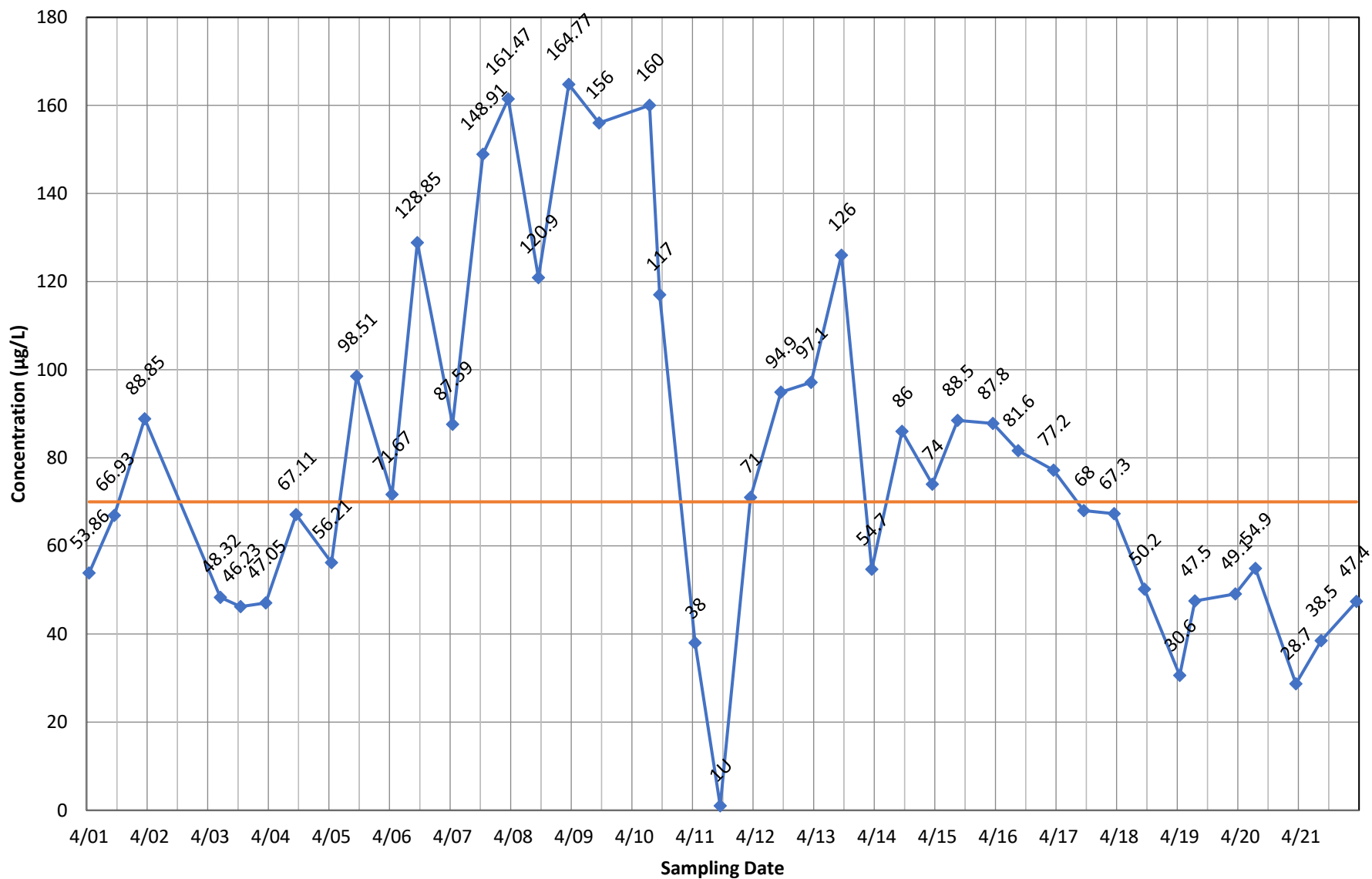


Monitoring Well OB03 - Bis(2-Ethylhexyl) Phthalate



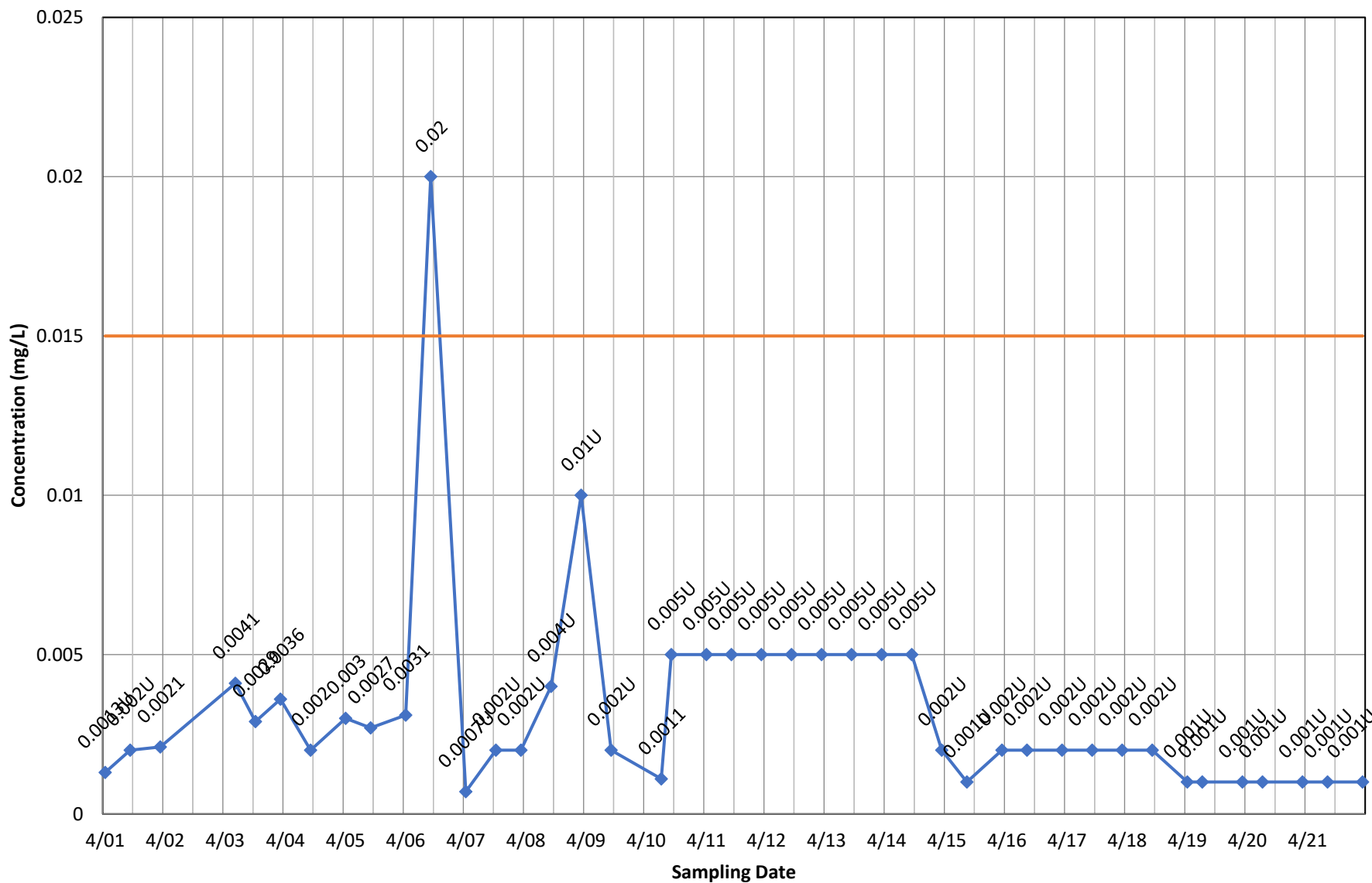
◆ Concentration — Current MCL

Monitoring Well OB03 - cis-1,2-Dichloroethene



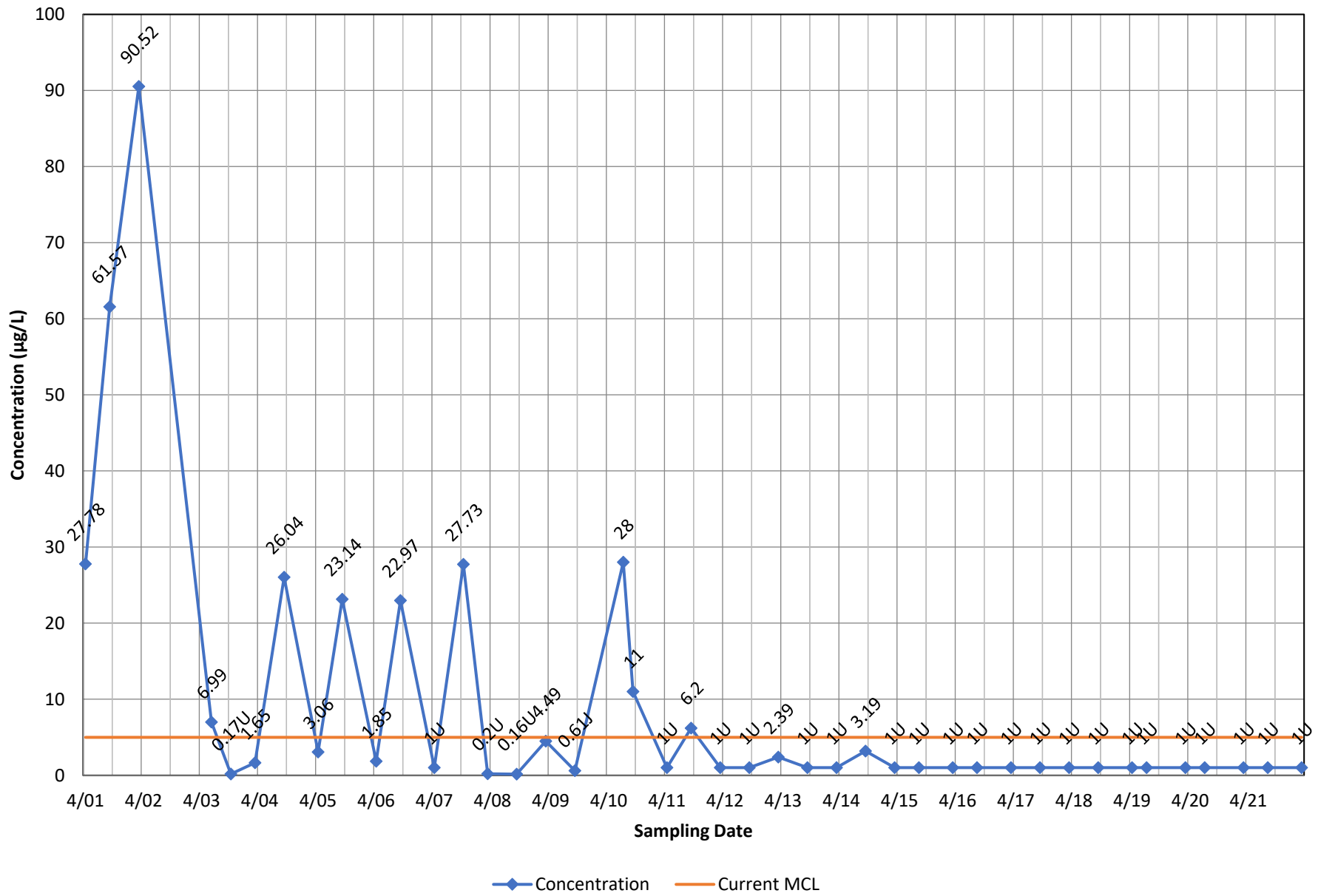
◆ Concentration — Current MCL

Monitoring Well OB03 - Lead, total

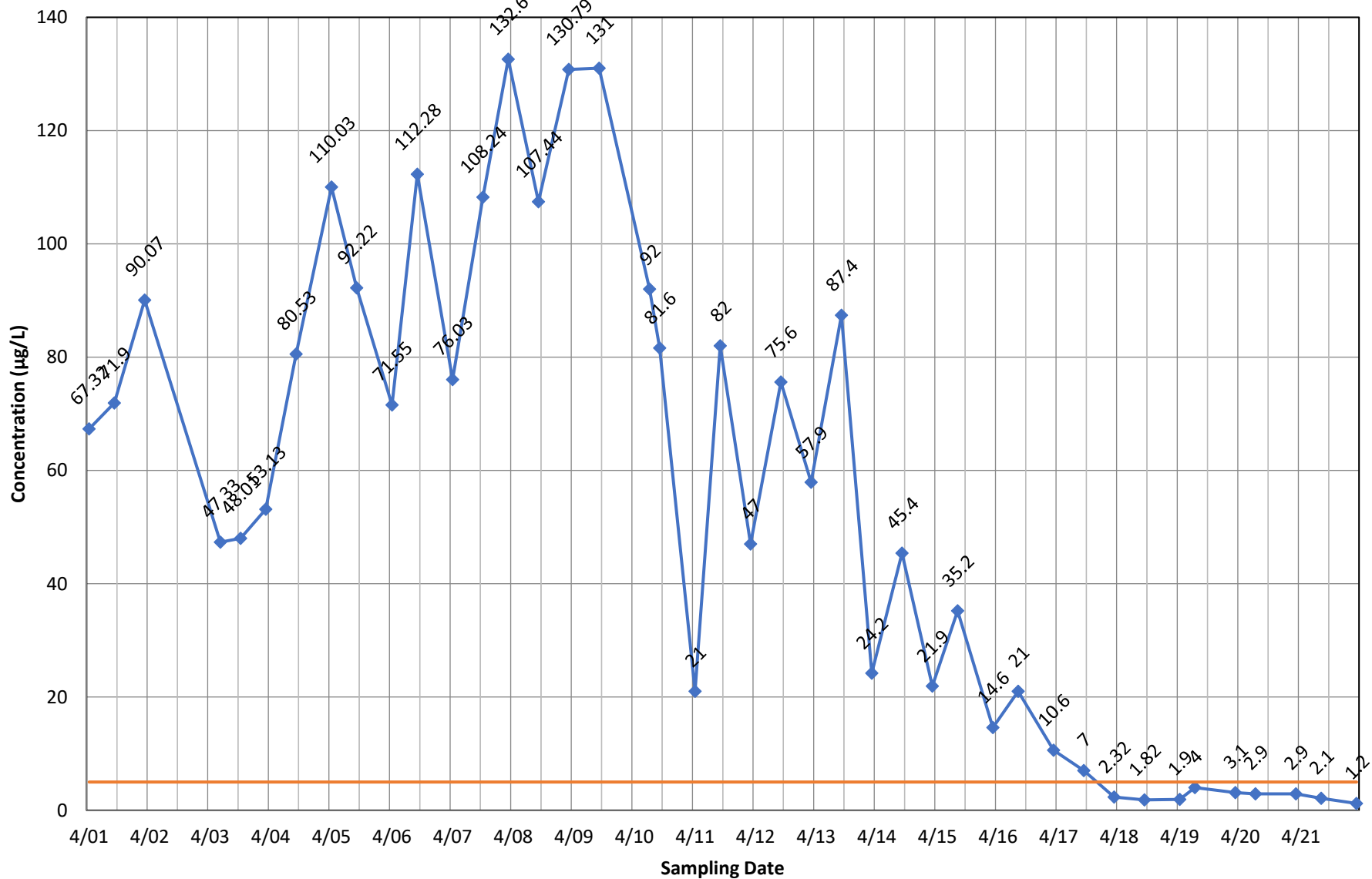


◆ Concentration — Current MCL

Monitoring Well OB03 - Tetrachloroethene

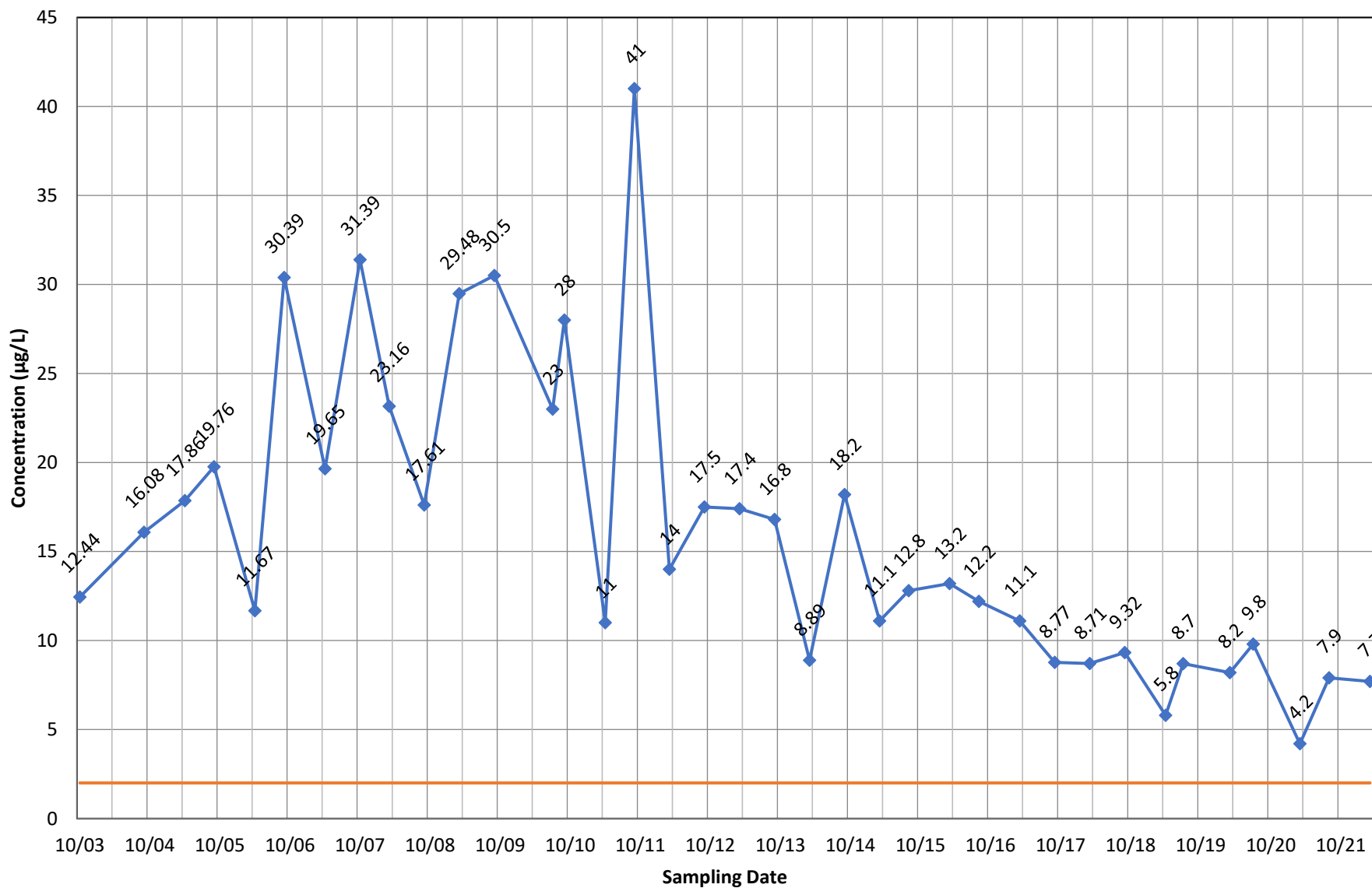


Monitoring Well OB03 - Trichloroethene



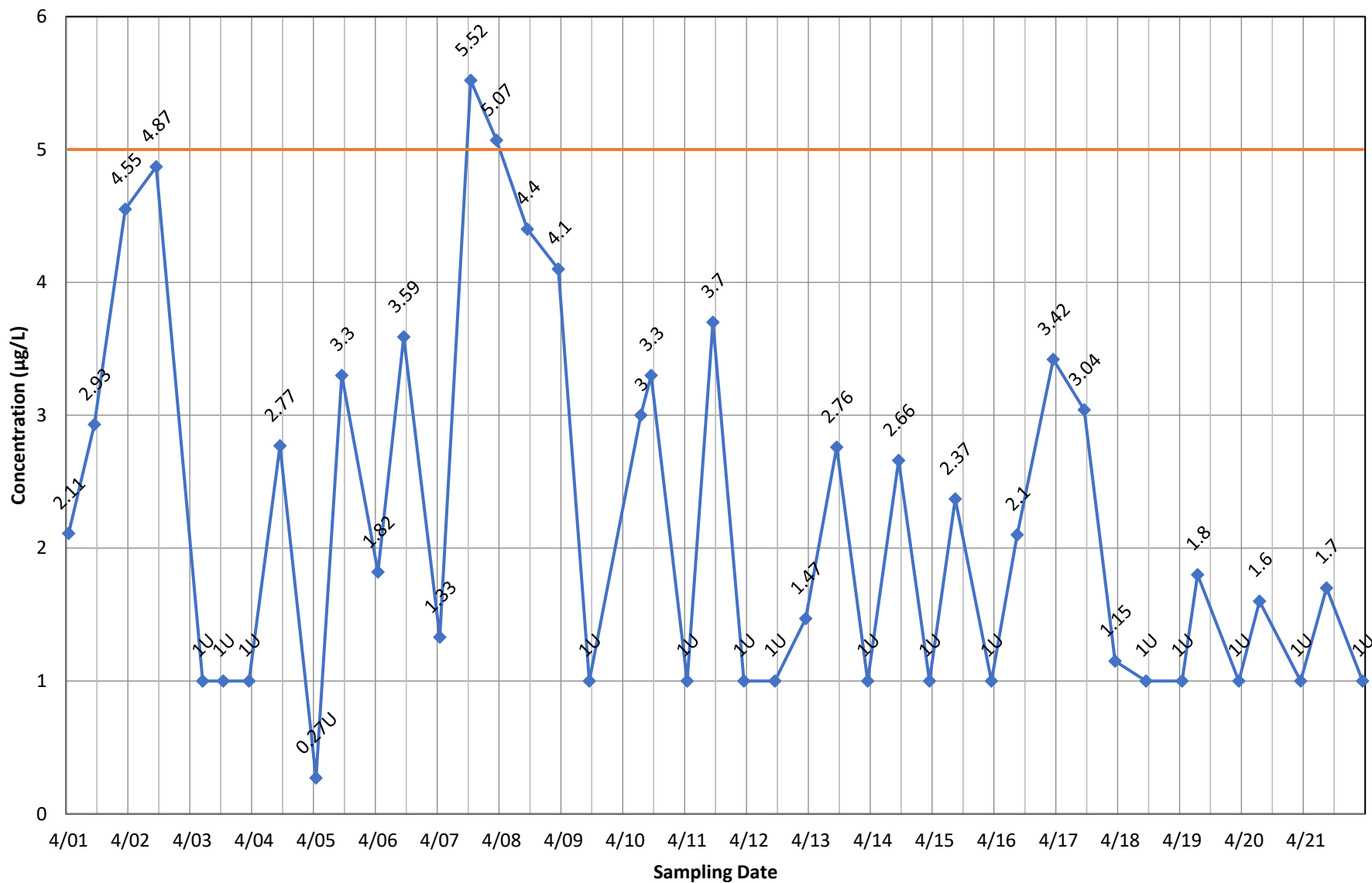
◆ Concentration — Current MCL

Monitoring Well OB03 - Vinyl Chloride



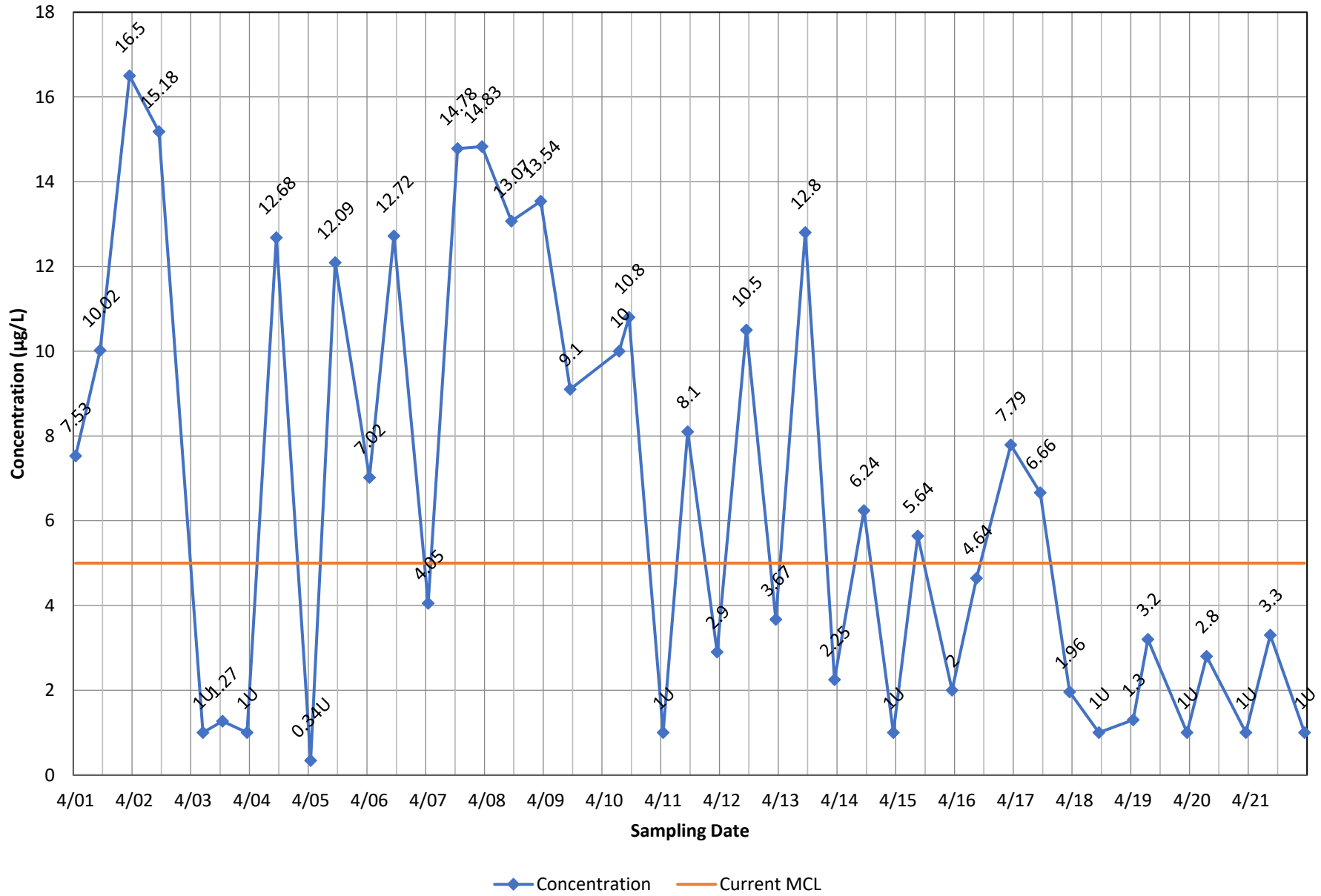
◆ Concentration — Current MCL

Monitoring Well OB03A - 1,2-Dichloroethane

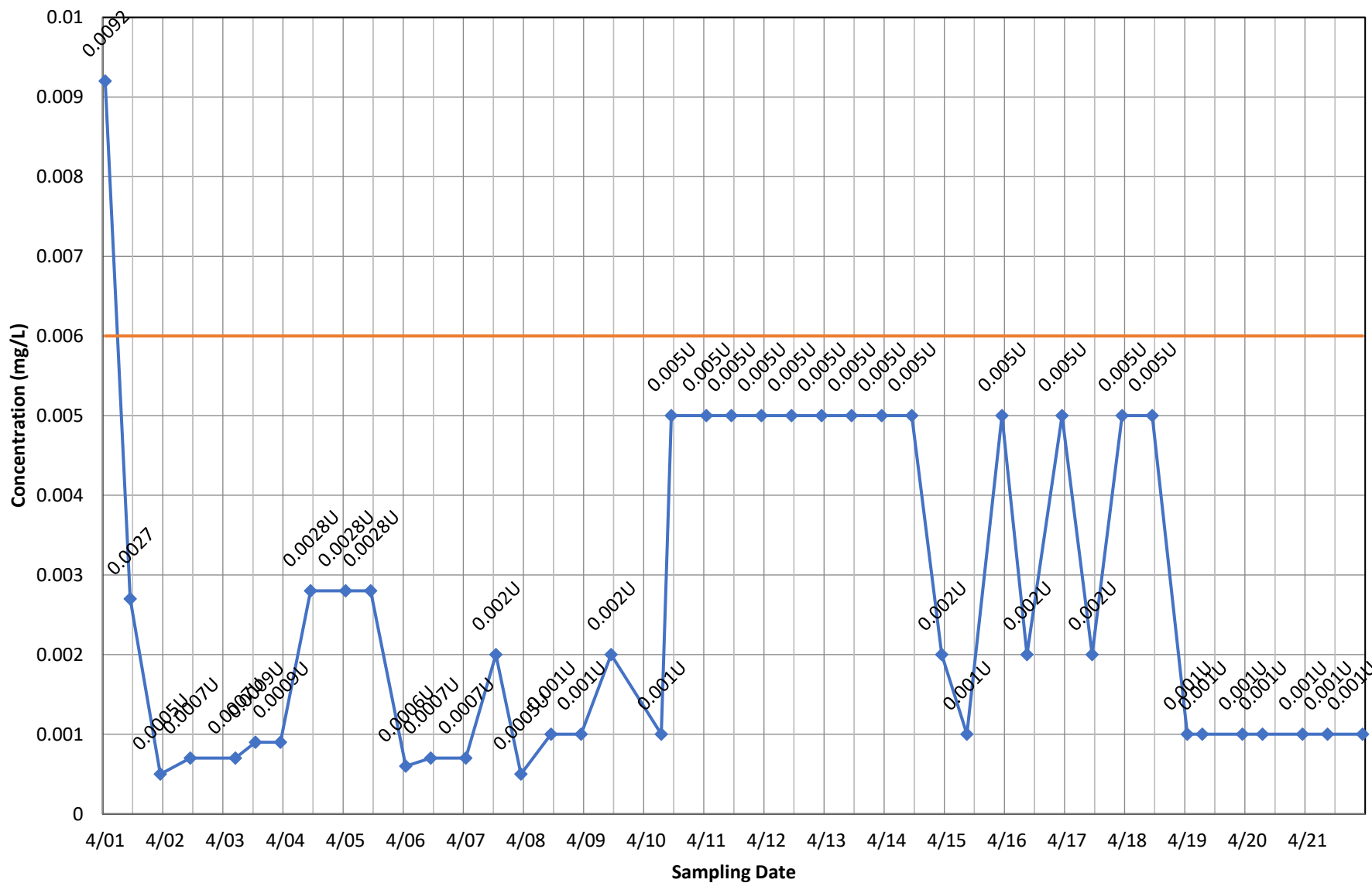


◆ Concentration — Current MCL

Monitoring Well OB03A - 1,2-Dichloropropane

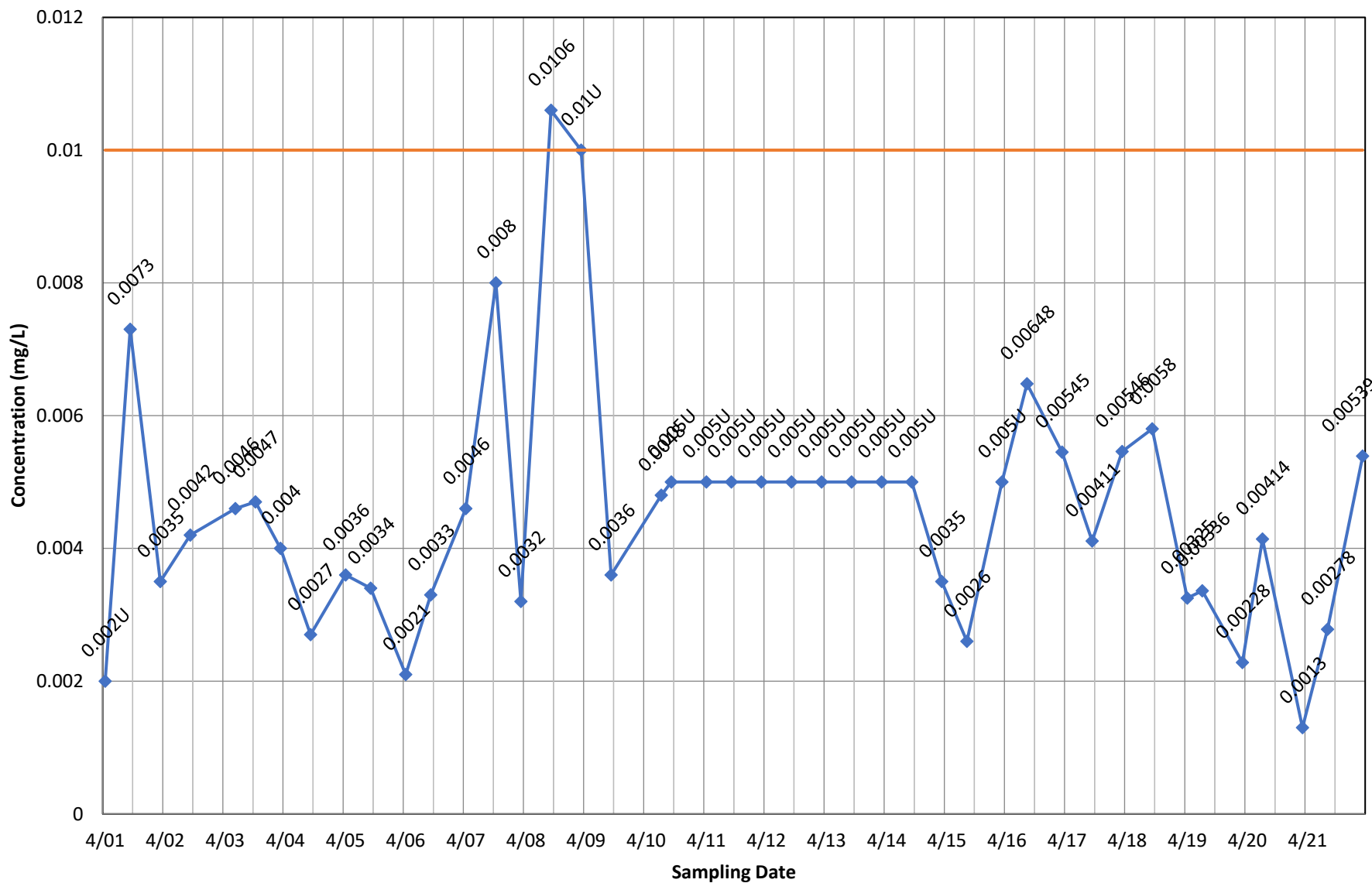


Monitoring Well OB03A - Antimony, total



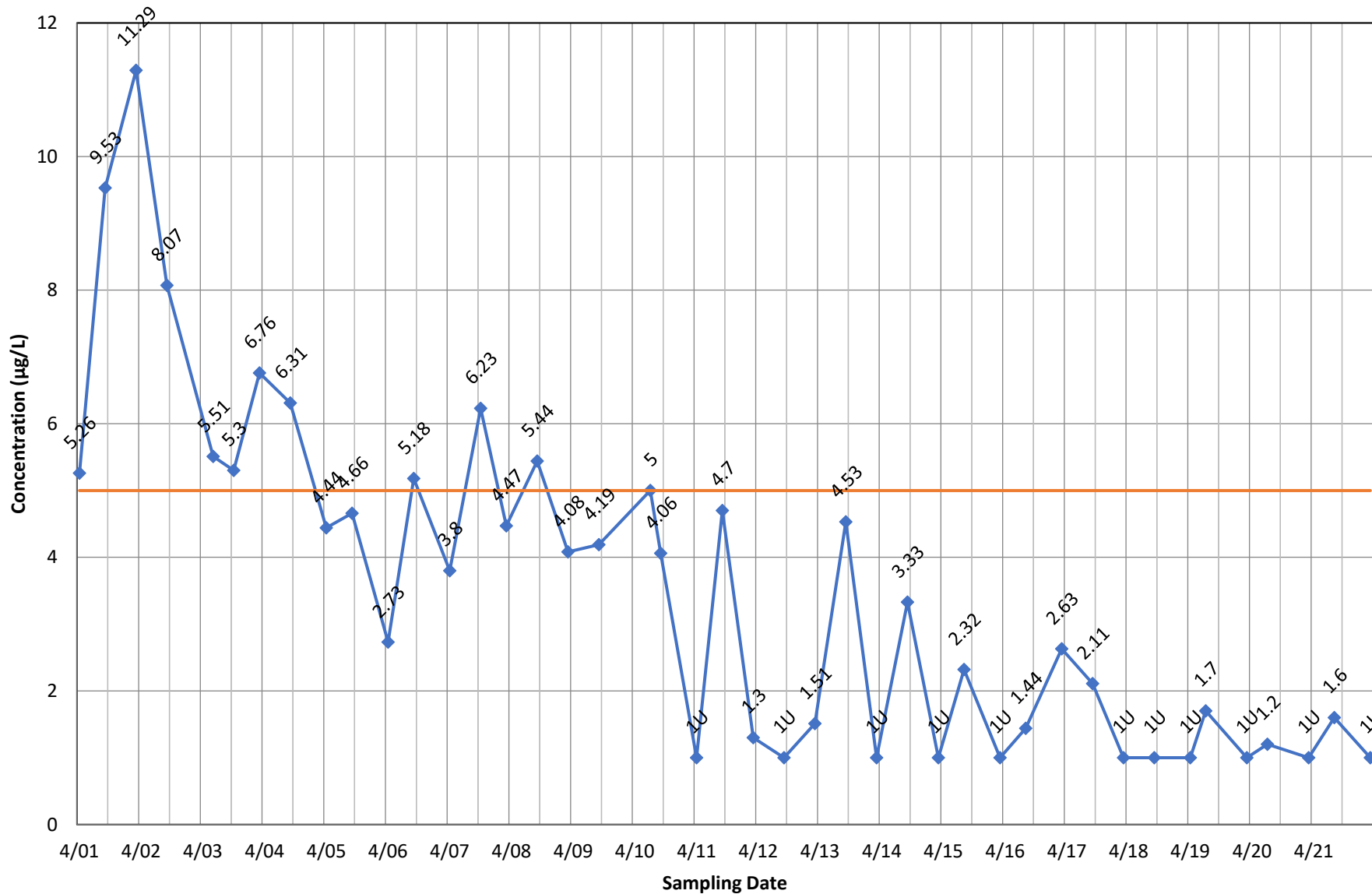
◆ Concentration — Current MCL

Monitoring Well OB03A - Arsenic, total



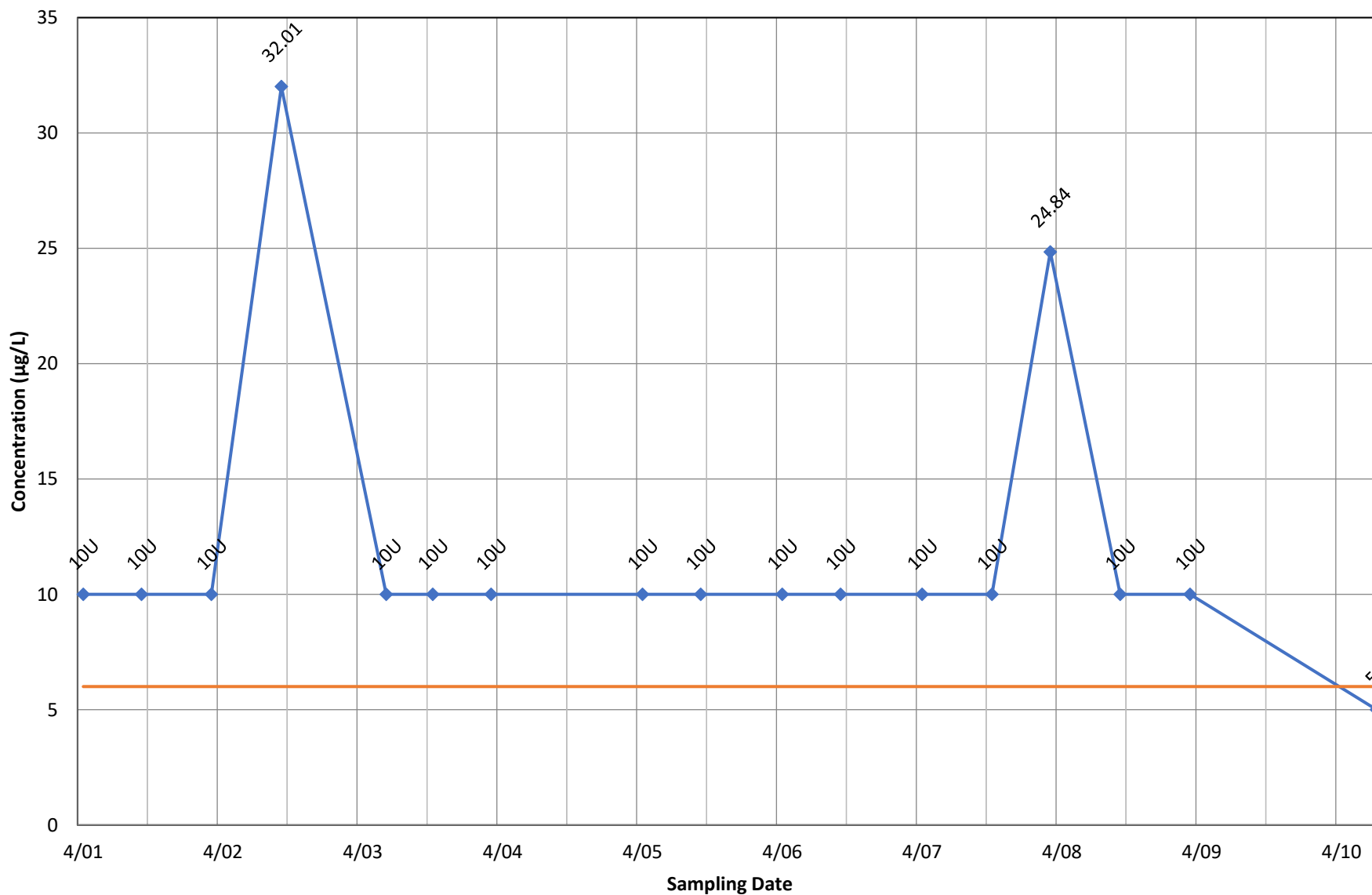
◆ Concentration — Current MCL

Monitoring Well OB03A - Benzene



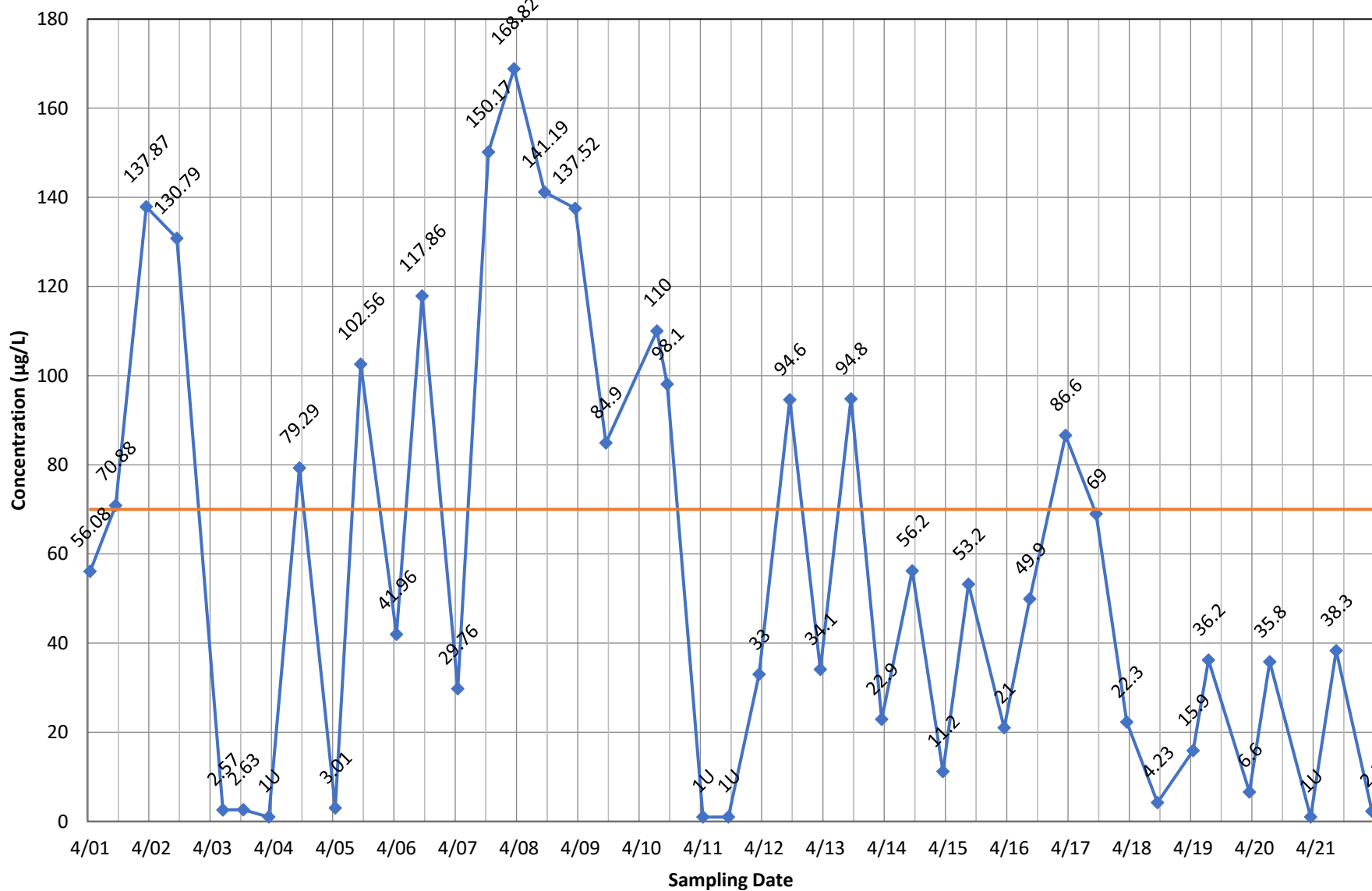
◆ Concentration — Current MCL

Monitoring Well OB03A - Bis(2-Ethylhexyl) Phthalate



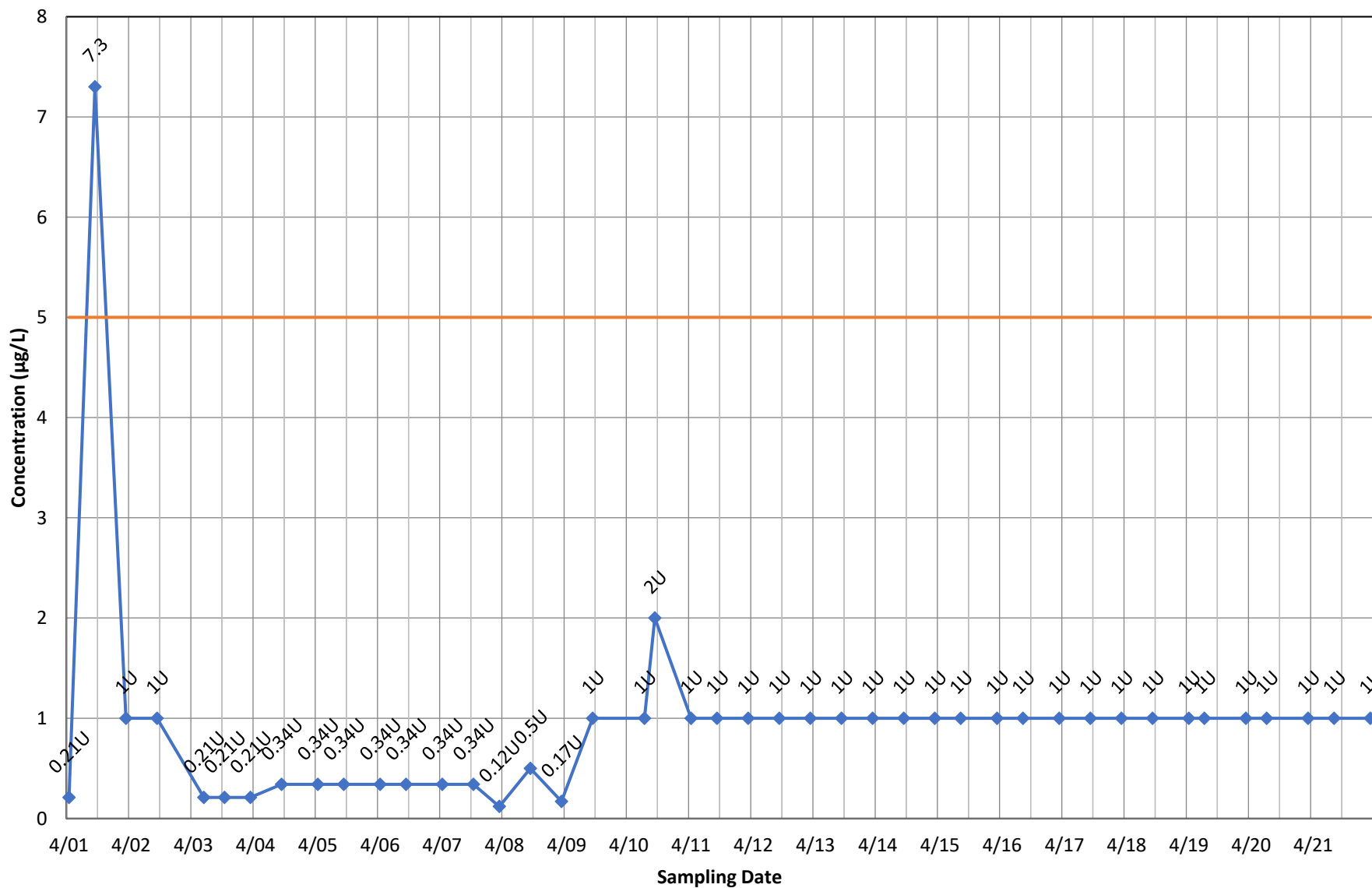
◆ Concentration — Current MCL

Monitoring Well OB03A - cis-1,2-Dichloroethene



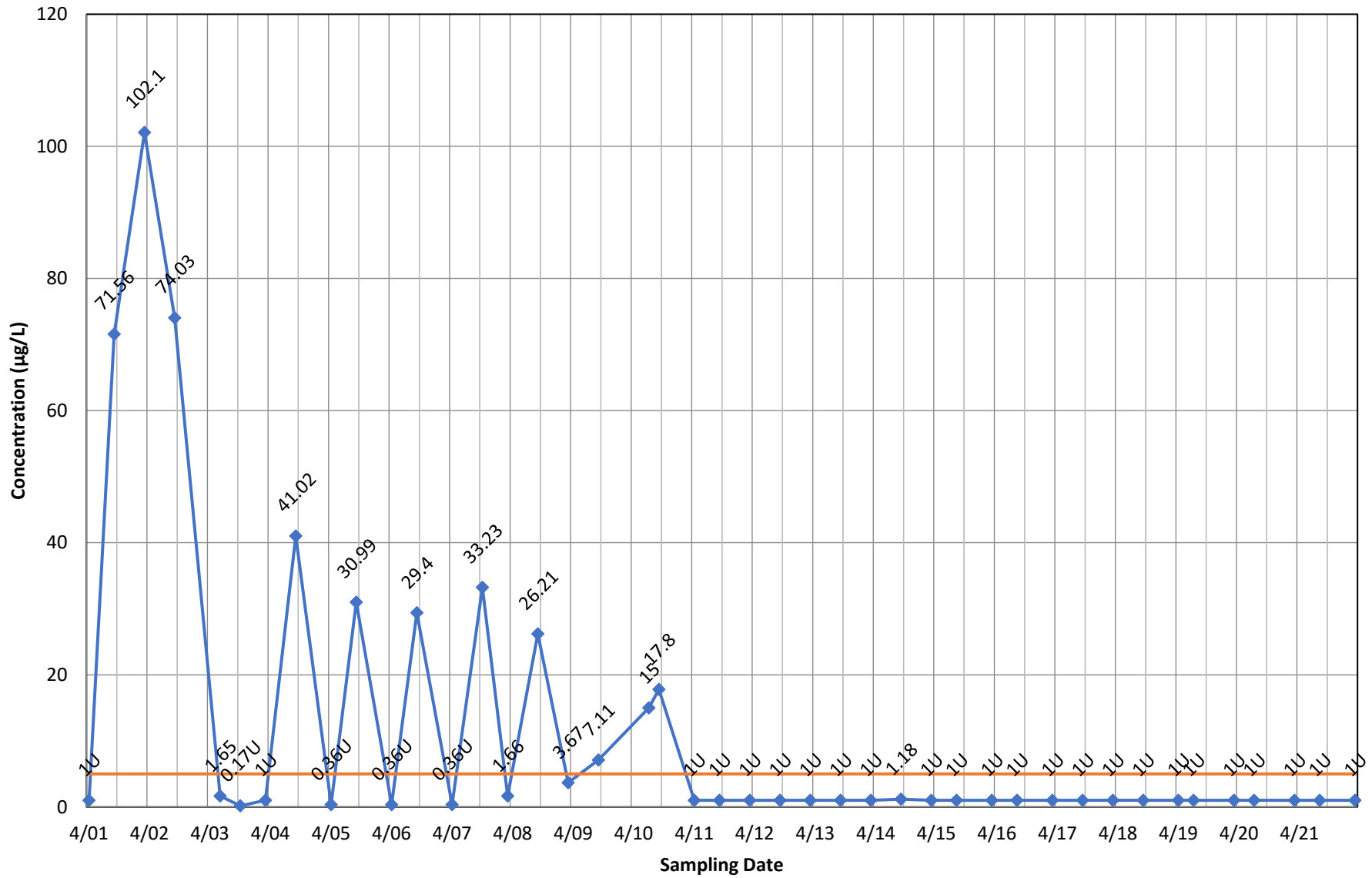
◆ Concentration — Current MCL

Monitoring Well OB03A - Methylene Chloride



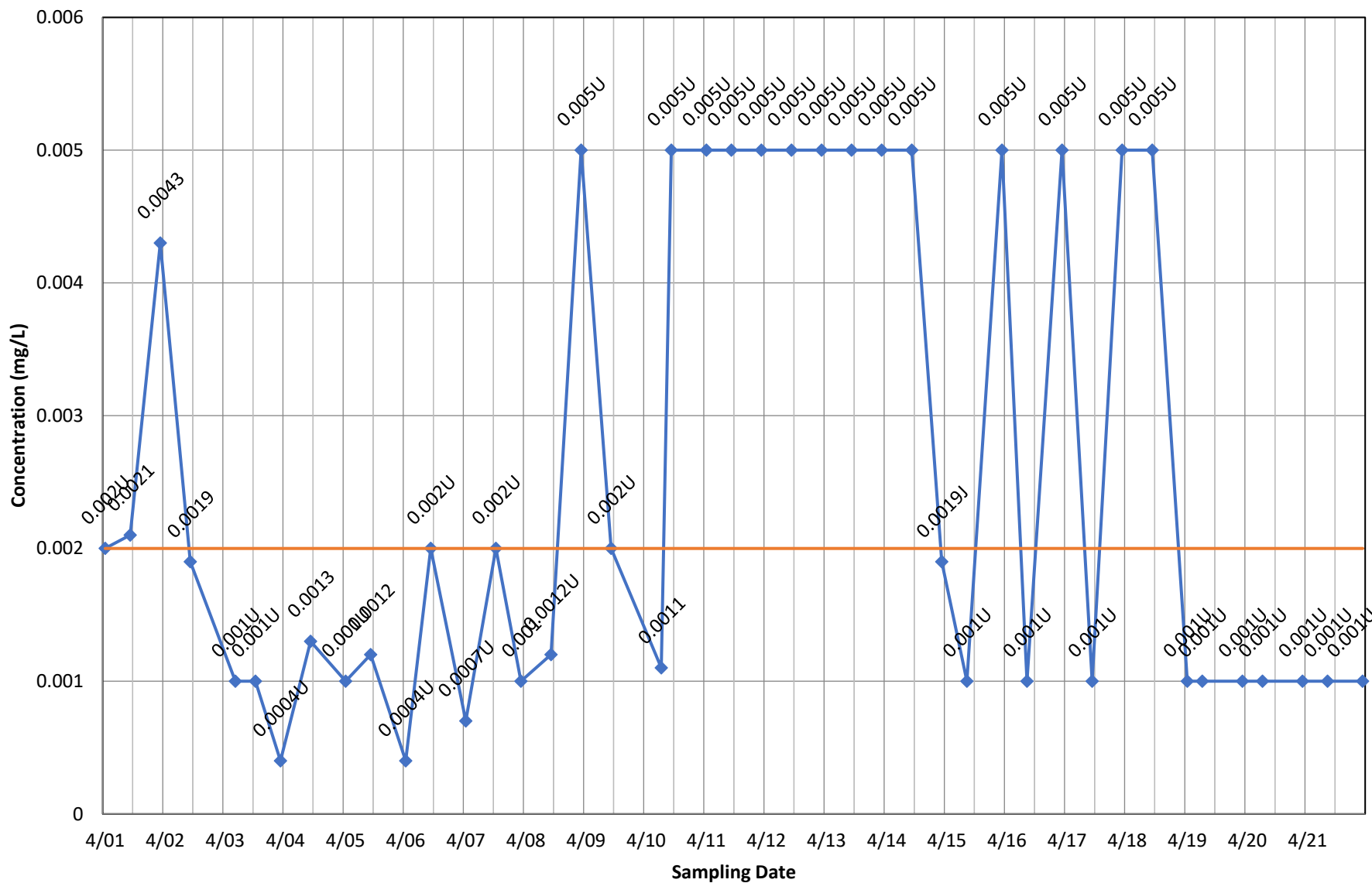
◆ Concentration — Current MCL

Monitoring Well OB03A - Tetrachloroethene



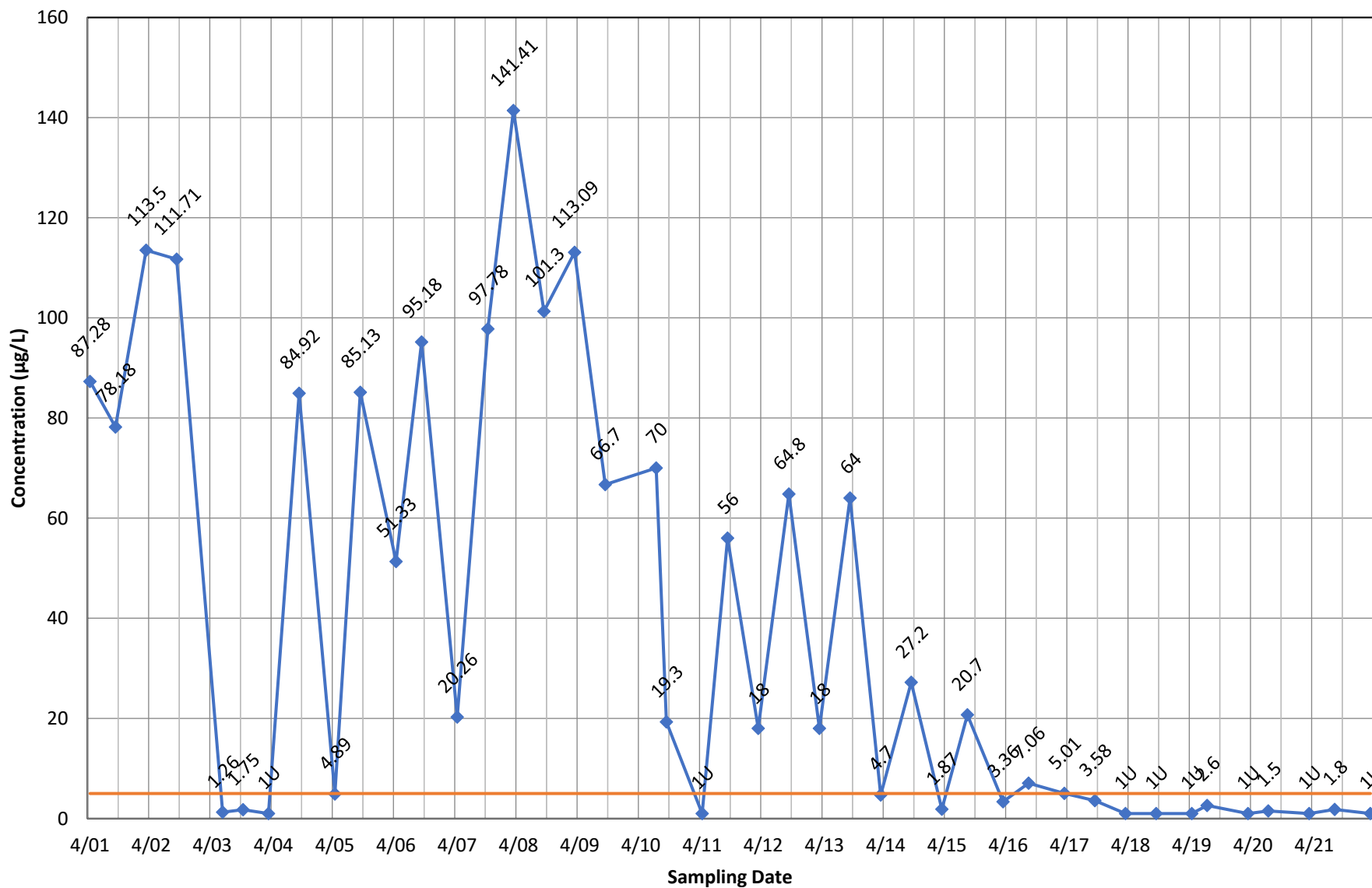
◆ Concentration — Current MCL

Monitoring Well OB03A - Thallium, total



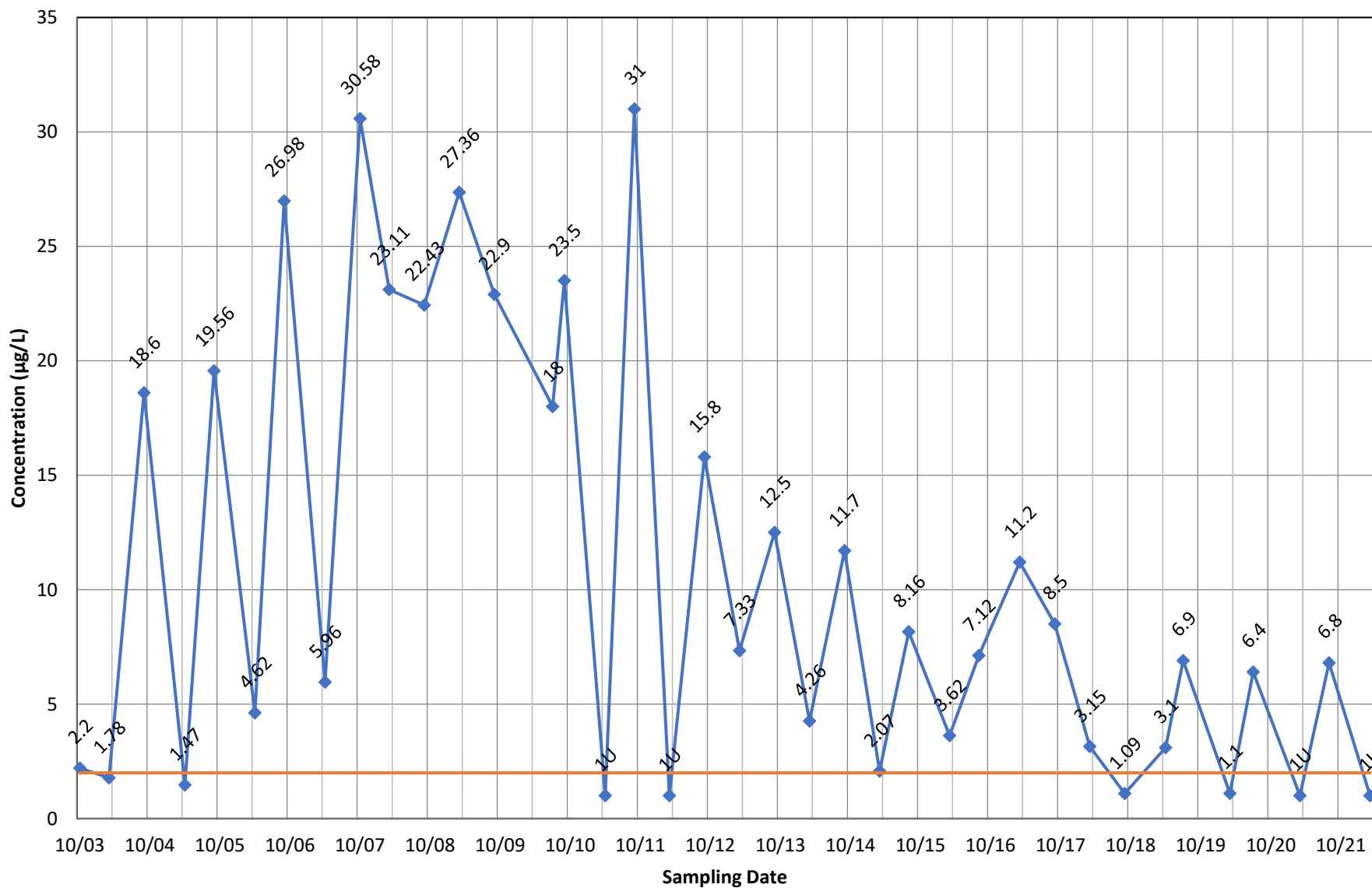
◆ Concentration — Current MCL

Monitoring Well OB03A - Trichloroethene



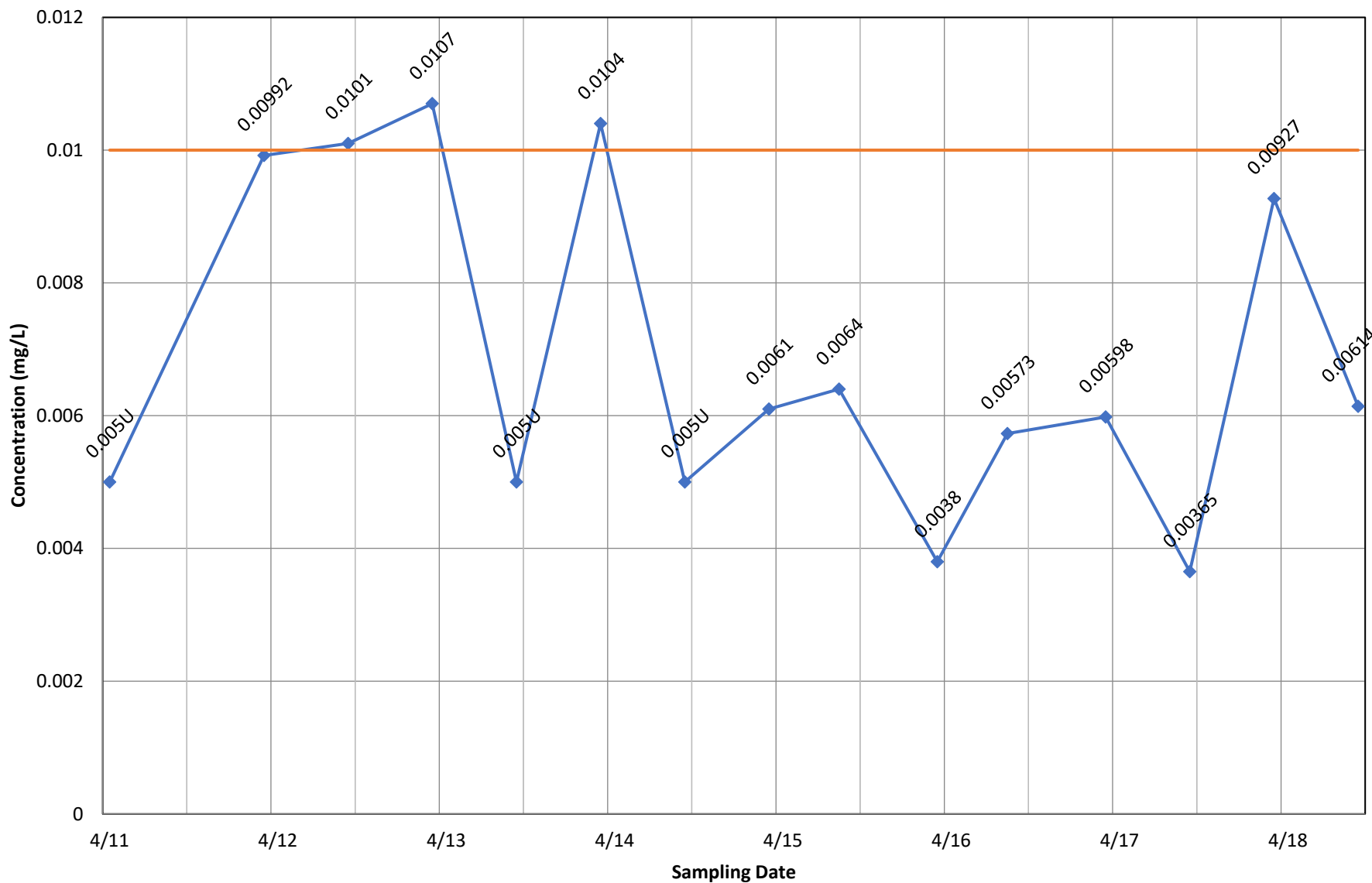
◆ Concentration — Current MCL

Monitoring Well OB03A - Vinyl Chloride



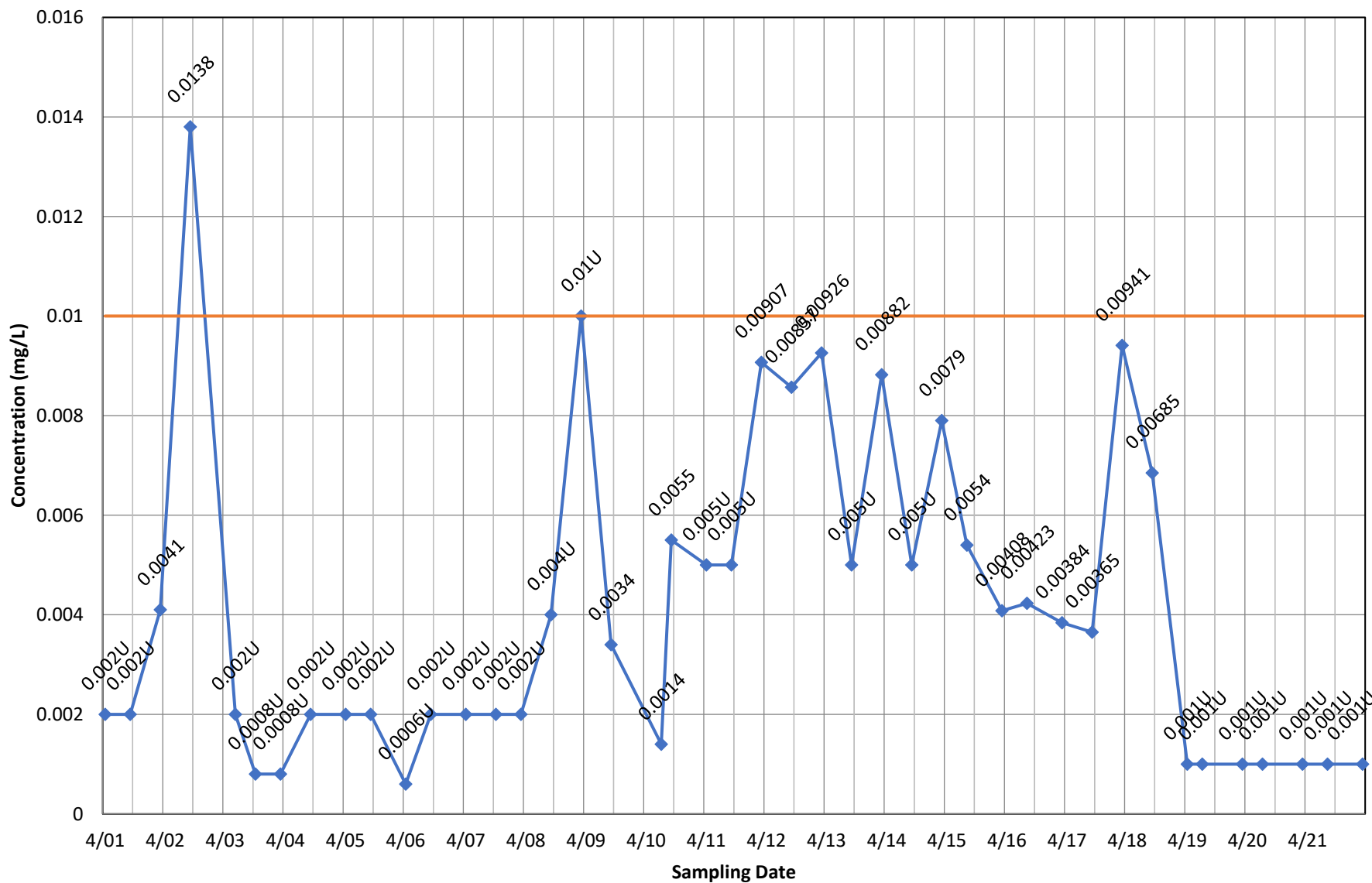
◆ Concentration — Current MCL

Monitoring Well OB04 - Arsenic, dissolved



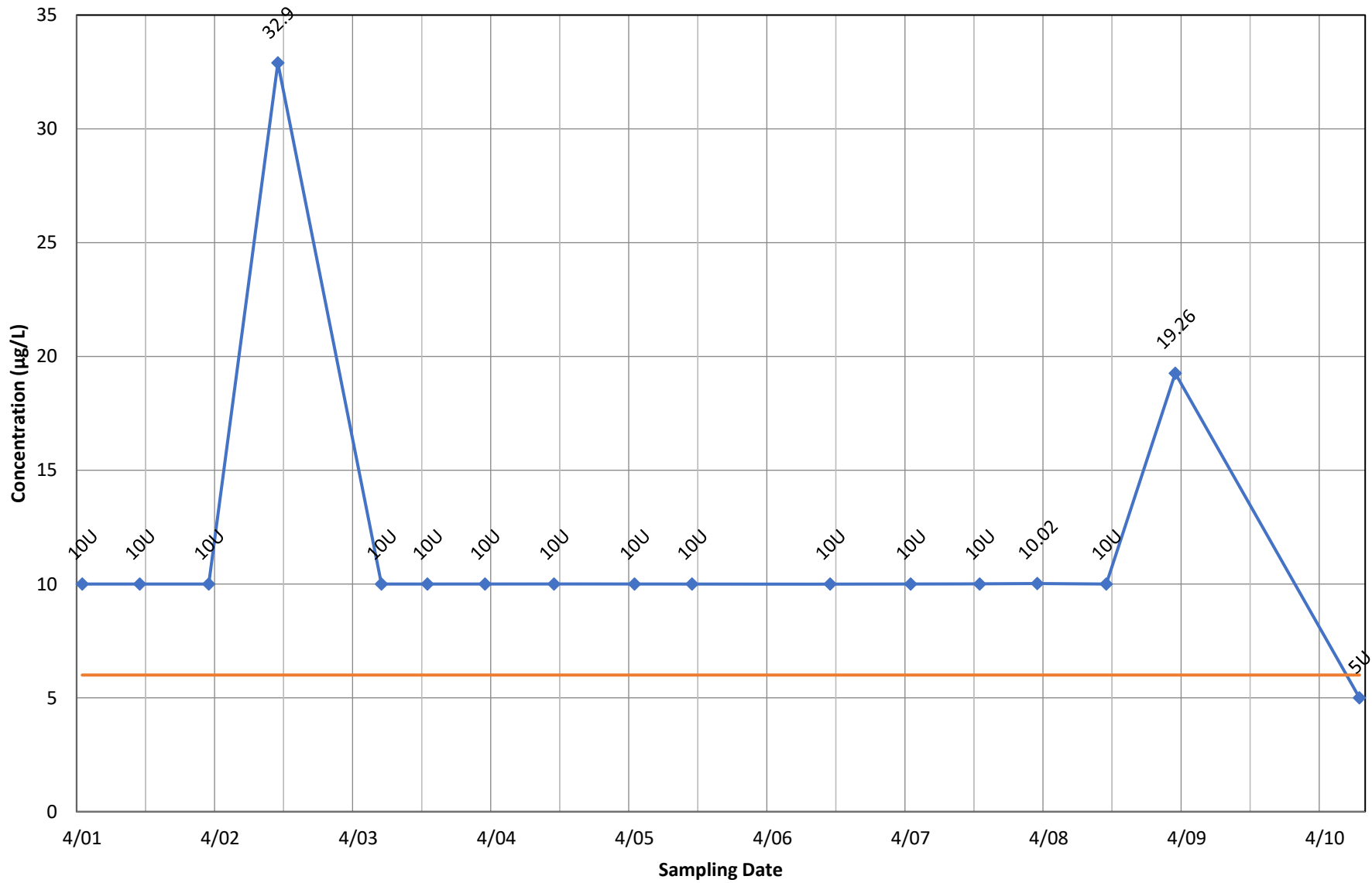
◆ Concentration — Current MCL

Monitoring Well OB04 - Arsenic, total



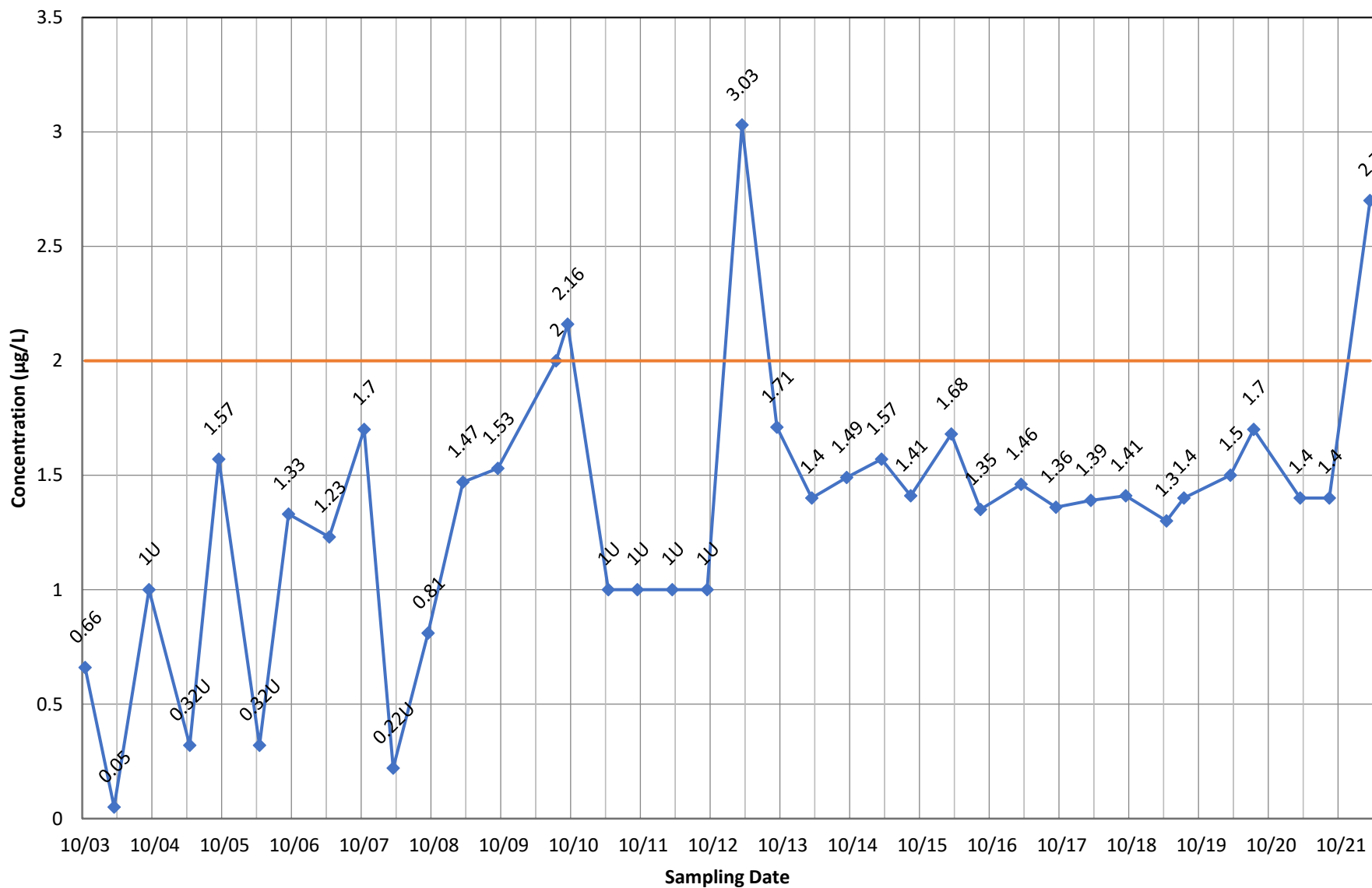
◆ Concentration — Current MCL

Monitoring Well OB04 - Bis(2-Ethylhexyl) Phthalate



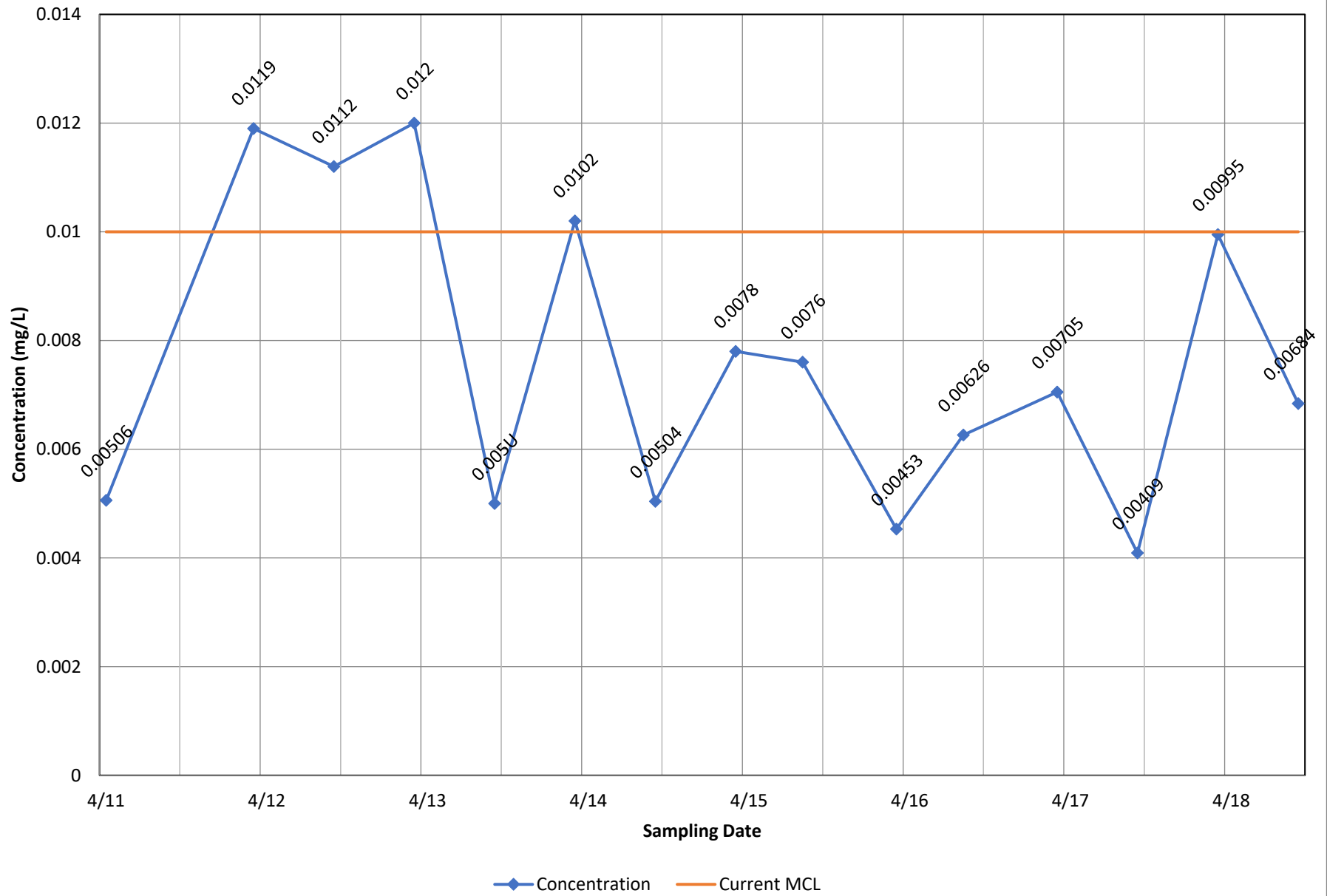
◆ Concentration — Current MCL

Monitoring Well OB04 - Vinyl Chloride

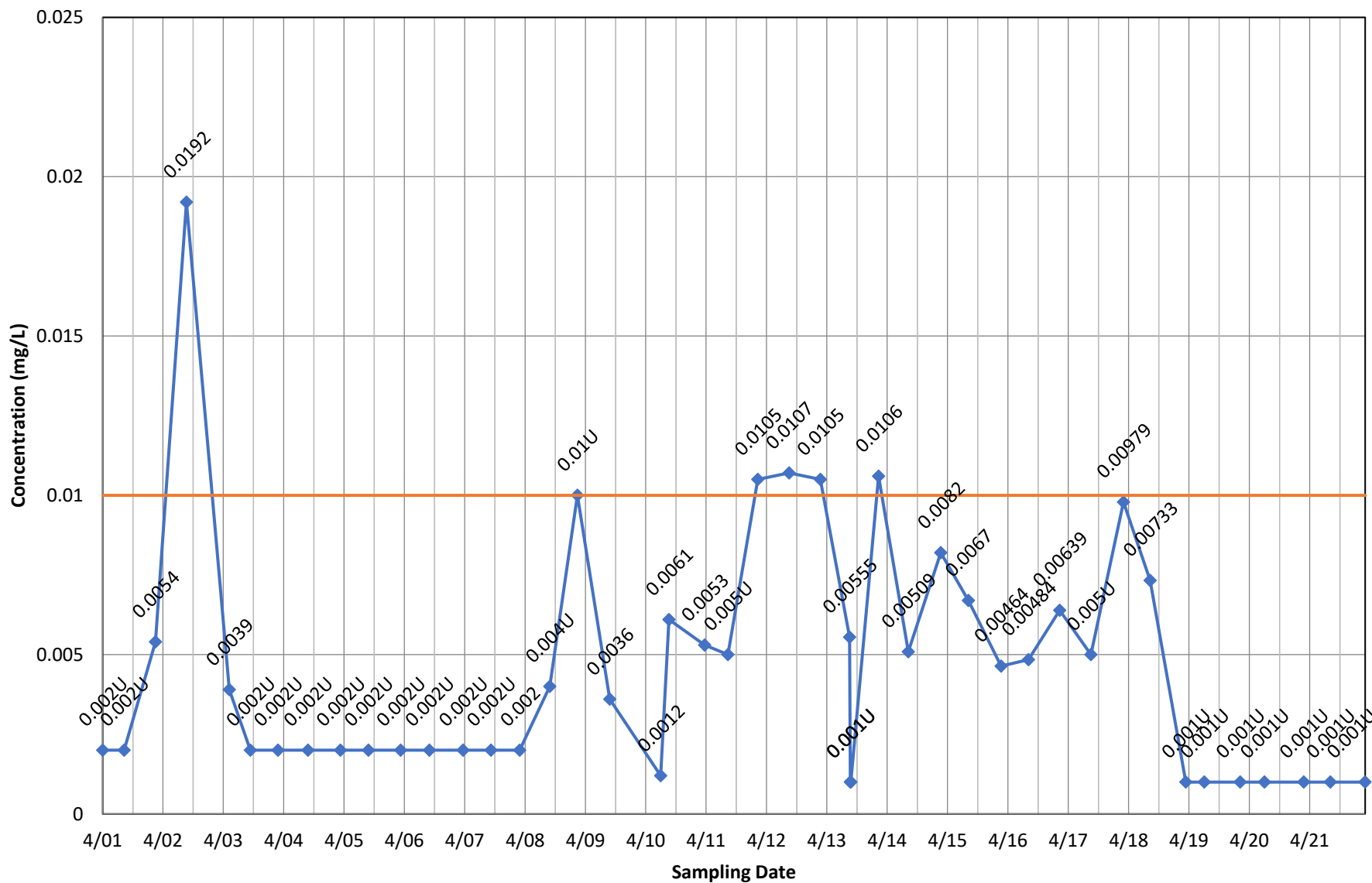


◆ Concentration — Current MCL

Monitoring Well OB04A - Arsenic, dissolved

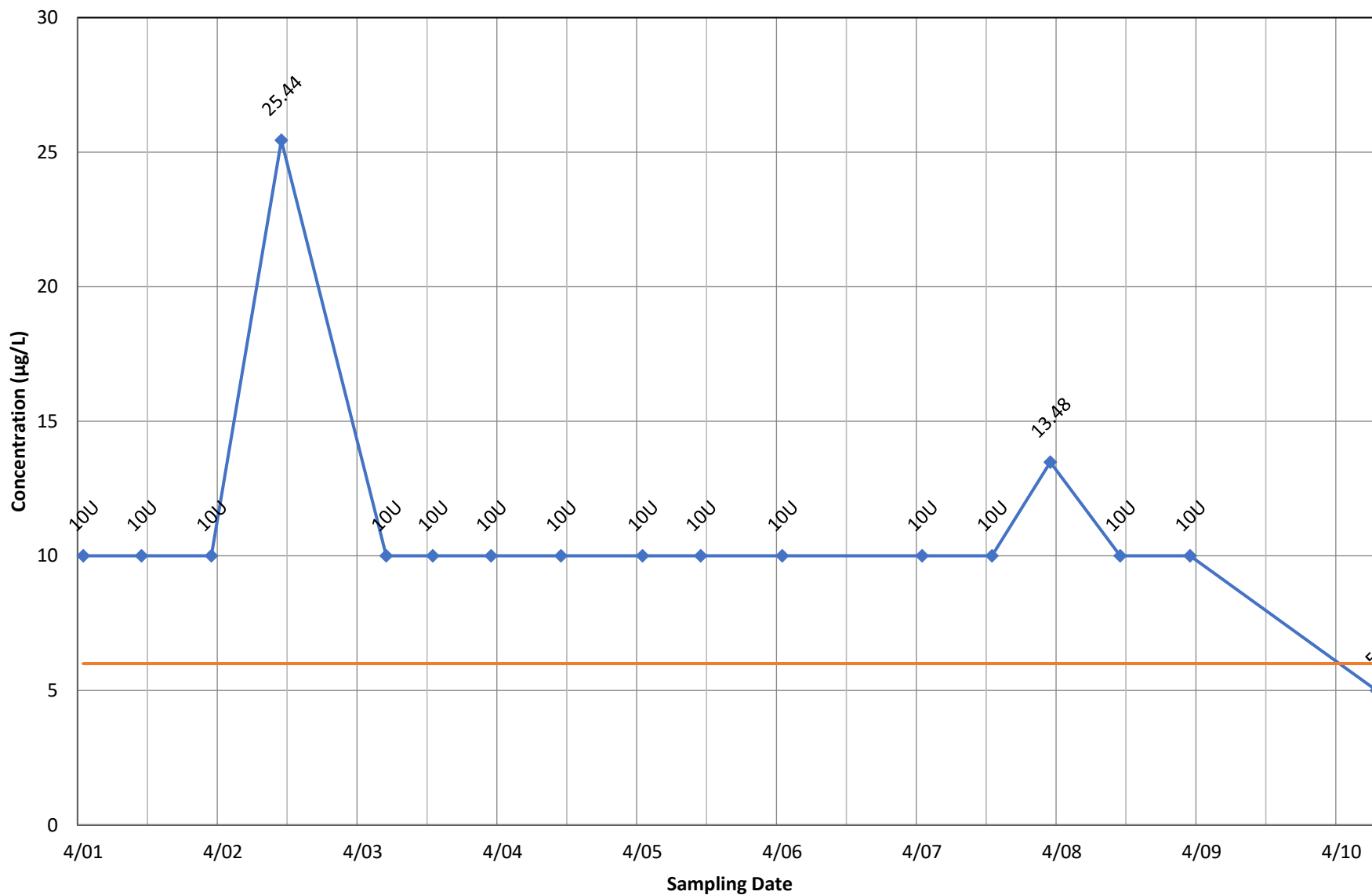


Monitoring Well OB04A - Arsenic, total



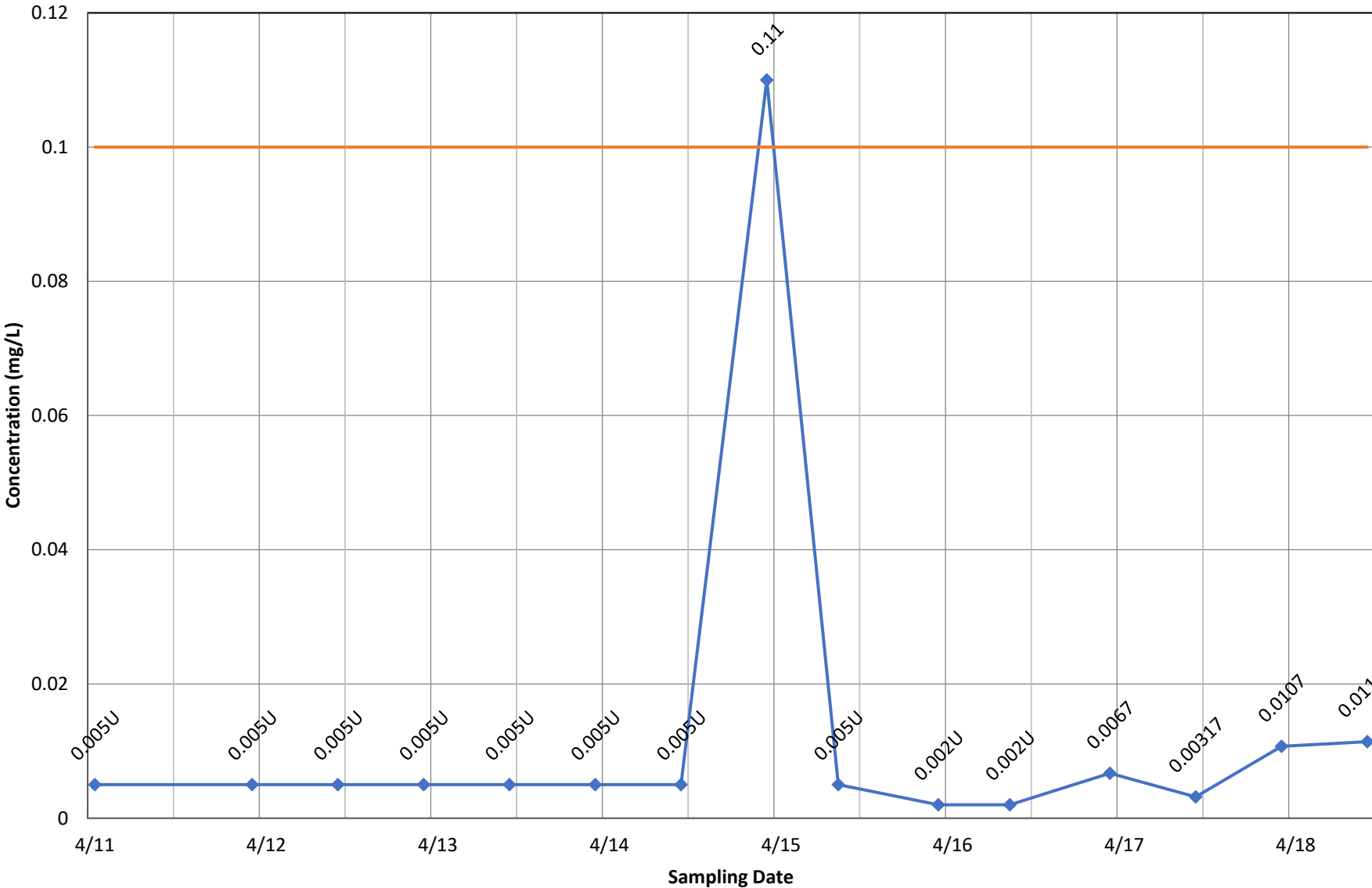
◆ Concentration — Current MCL

Monitoring Well OB04A - Bis(2-Ethylhexyl) Phthalate



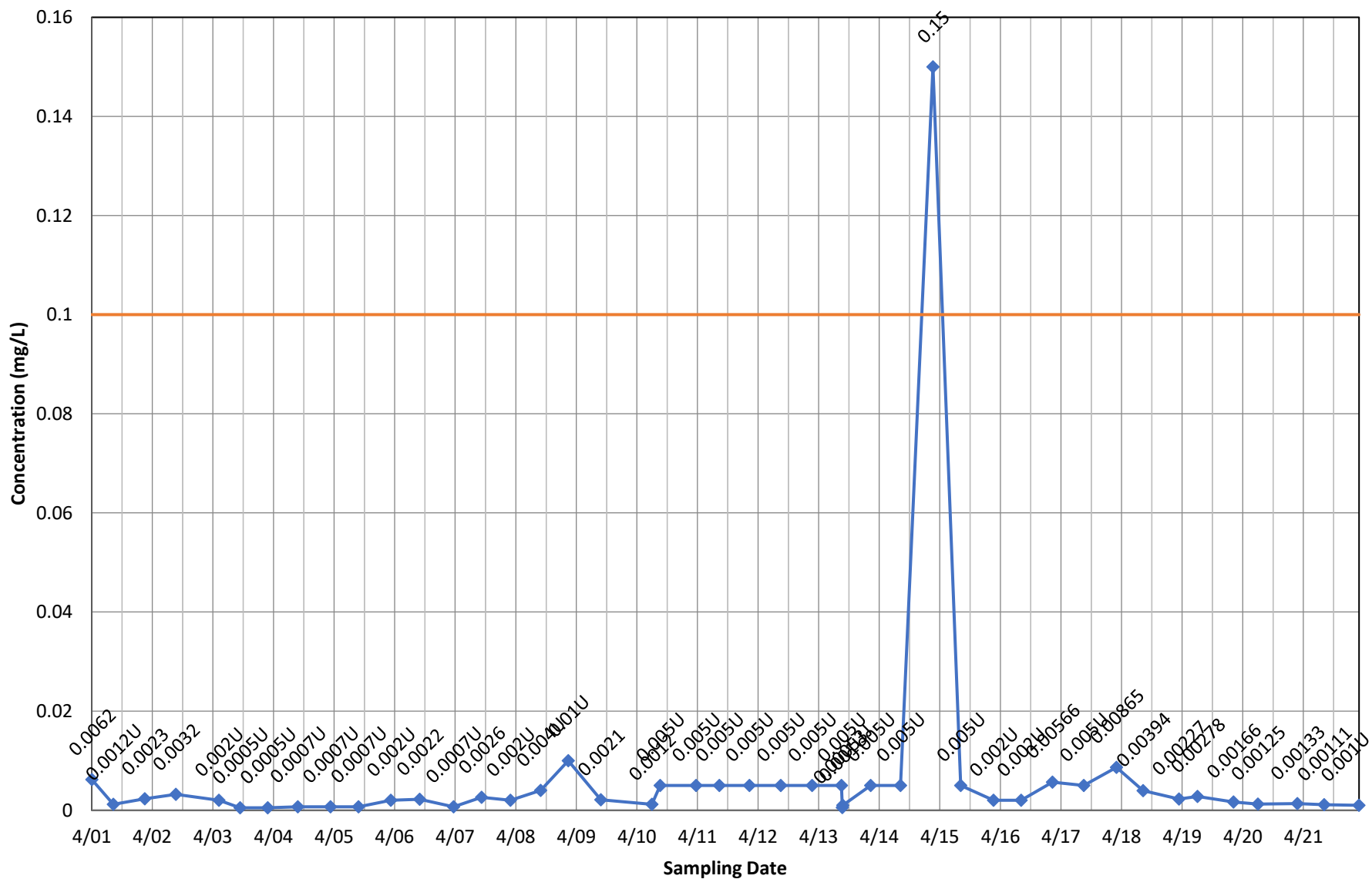
◆ Concentration — Current MCL

Monitoring Well OB04A - Chromium, dissolved



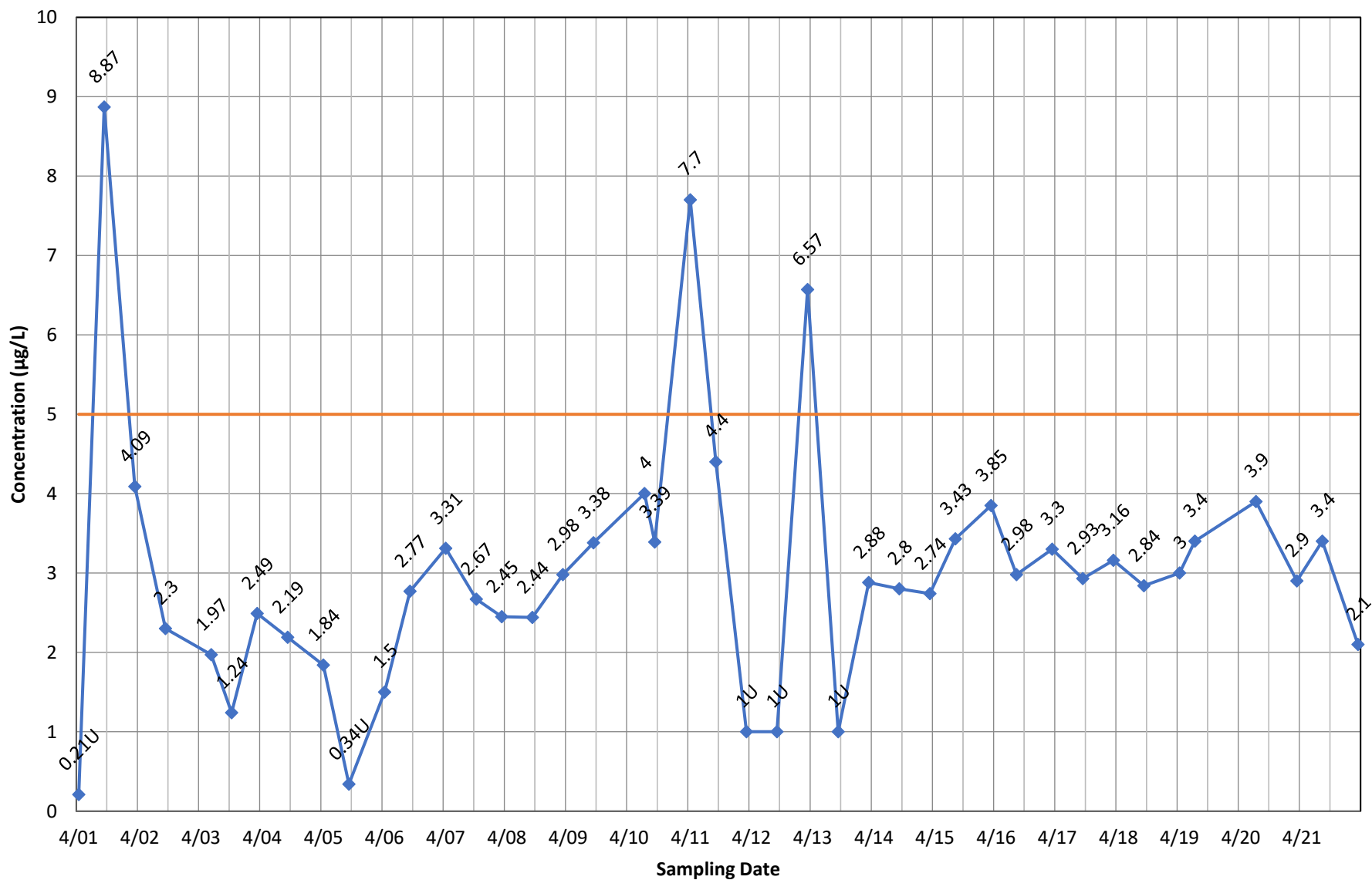
◆ Concentration — Current MCL

Monitoring Well OB04A - Chromium, total



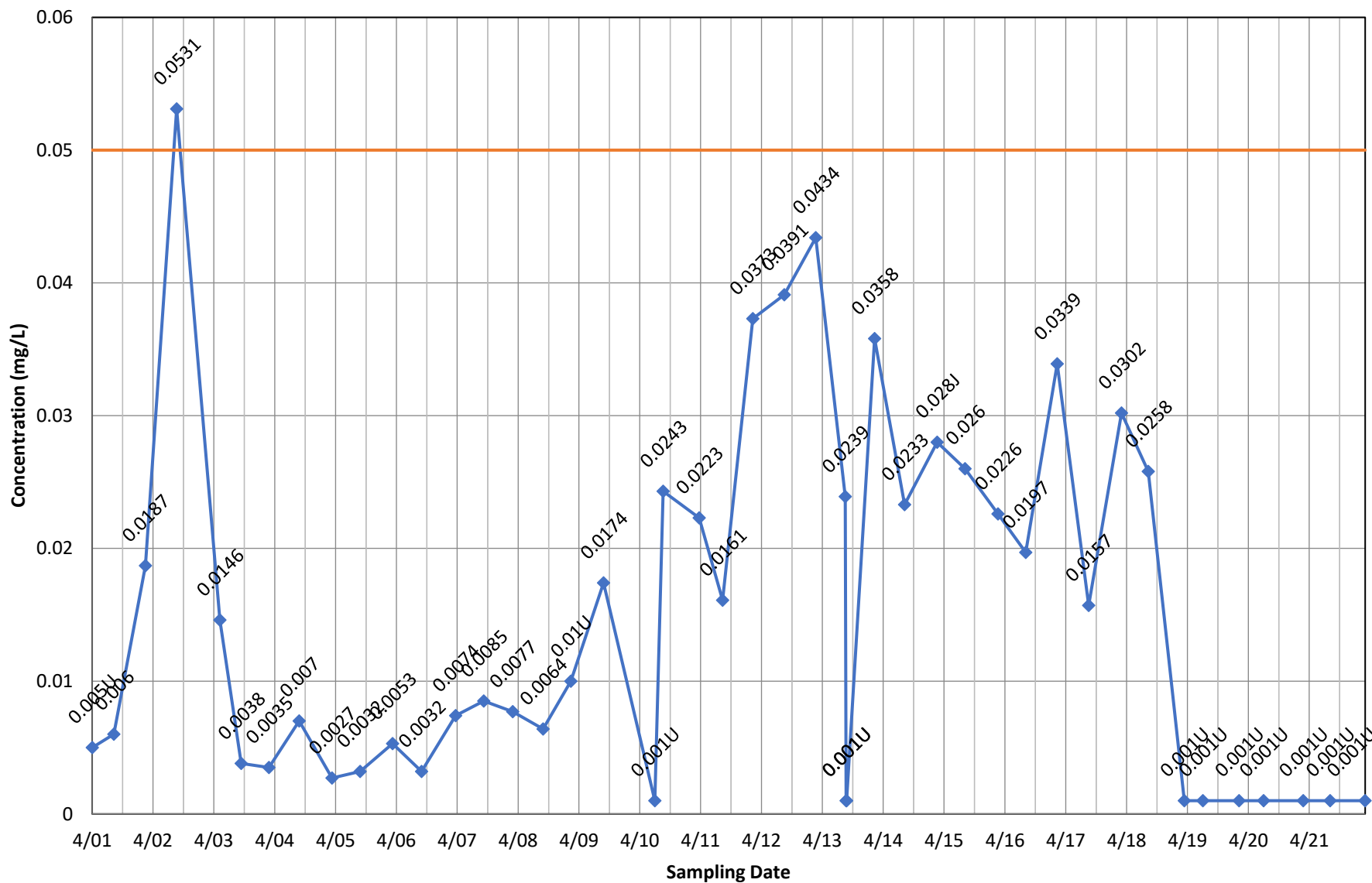
◆ Concentration — Current MCL

Monitoring Well OB04A - Methylene Chloride



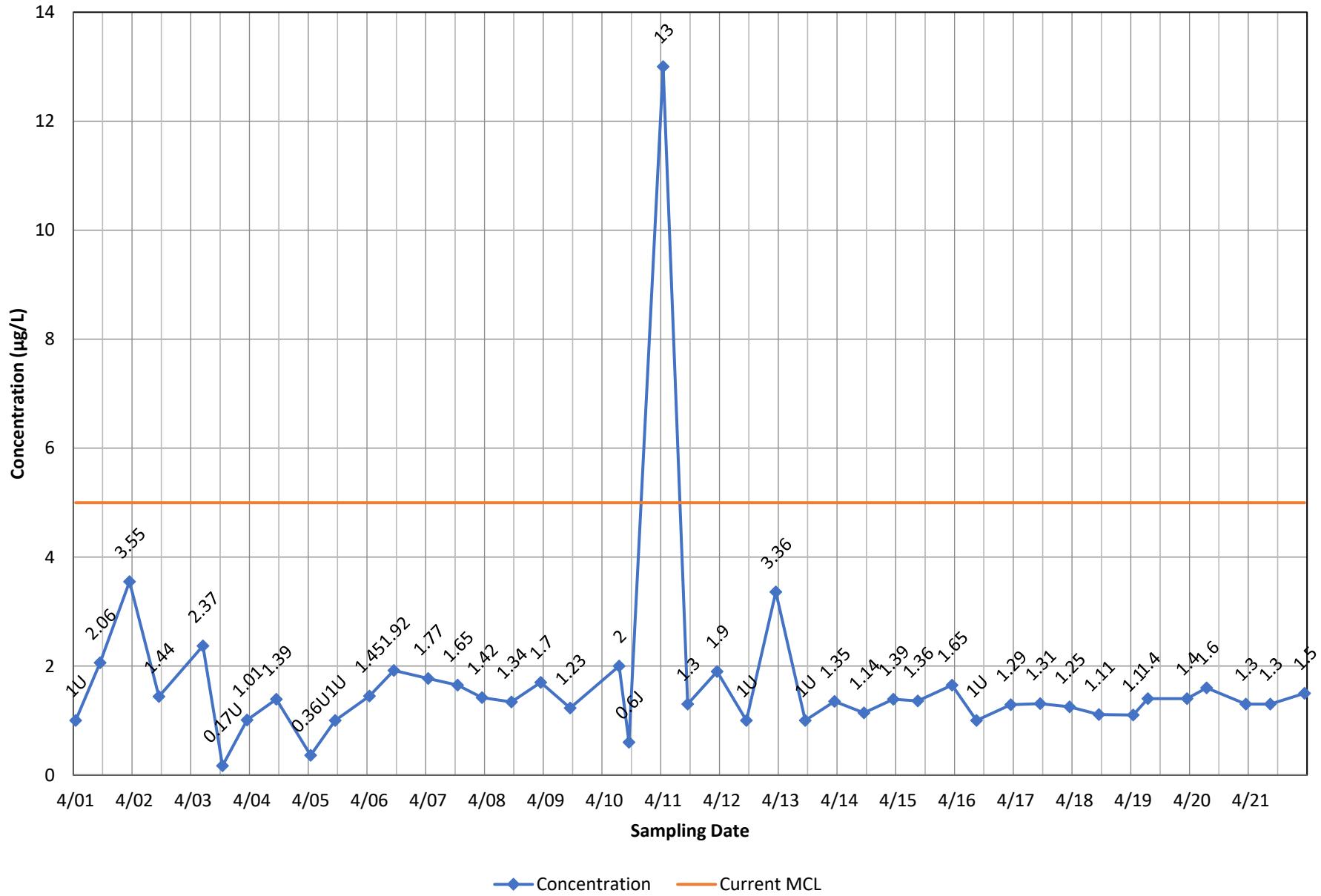
◆ Concentration — Current MCL

Monitoring Well OB04A - Selenium, total

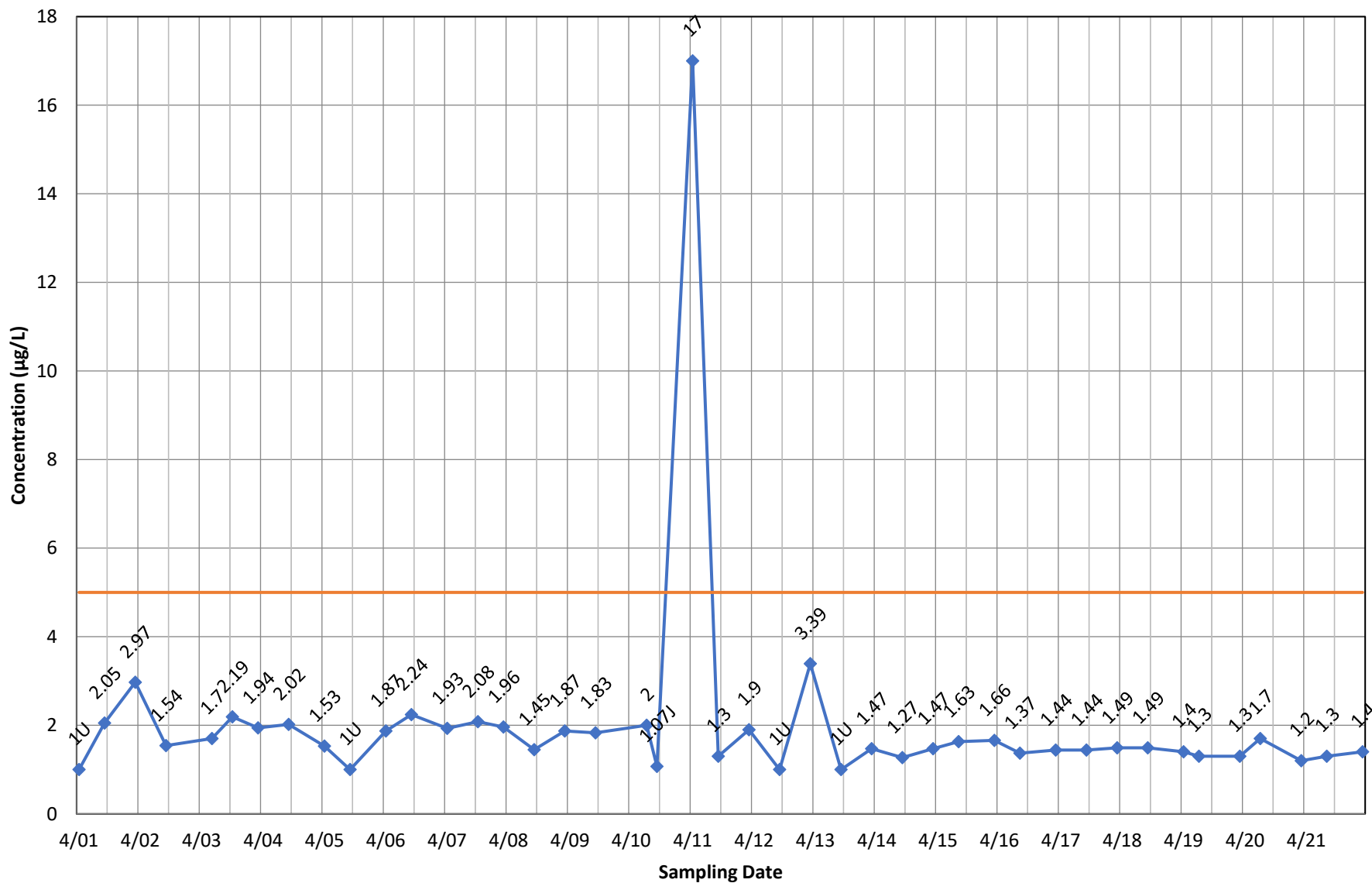


◆ Concentration — Current MCL

Monitoring Well OB04A - Tetrachloroethene

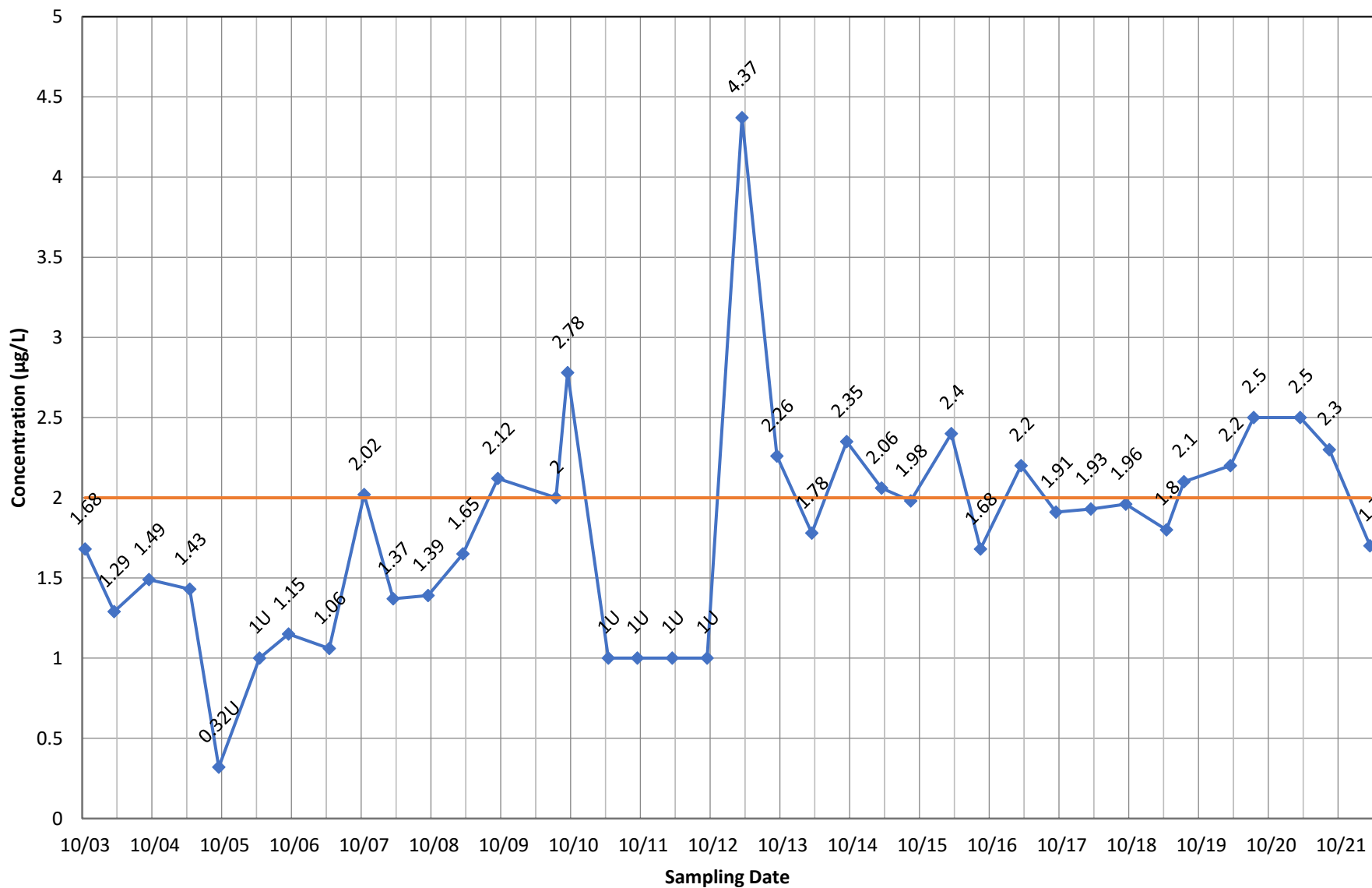


Monitoring Well OB04A - Trichloroethene



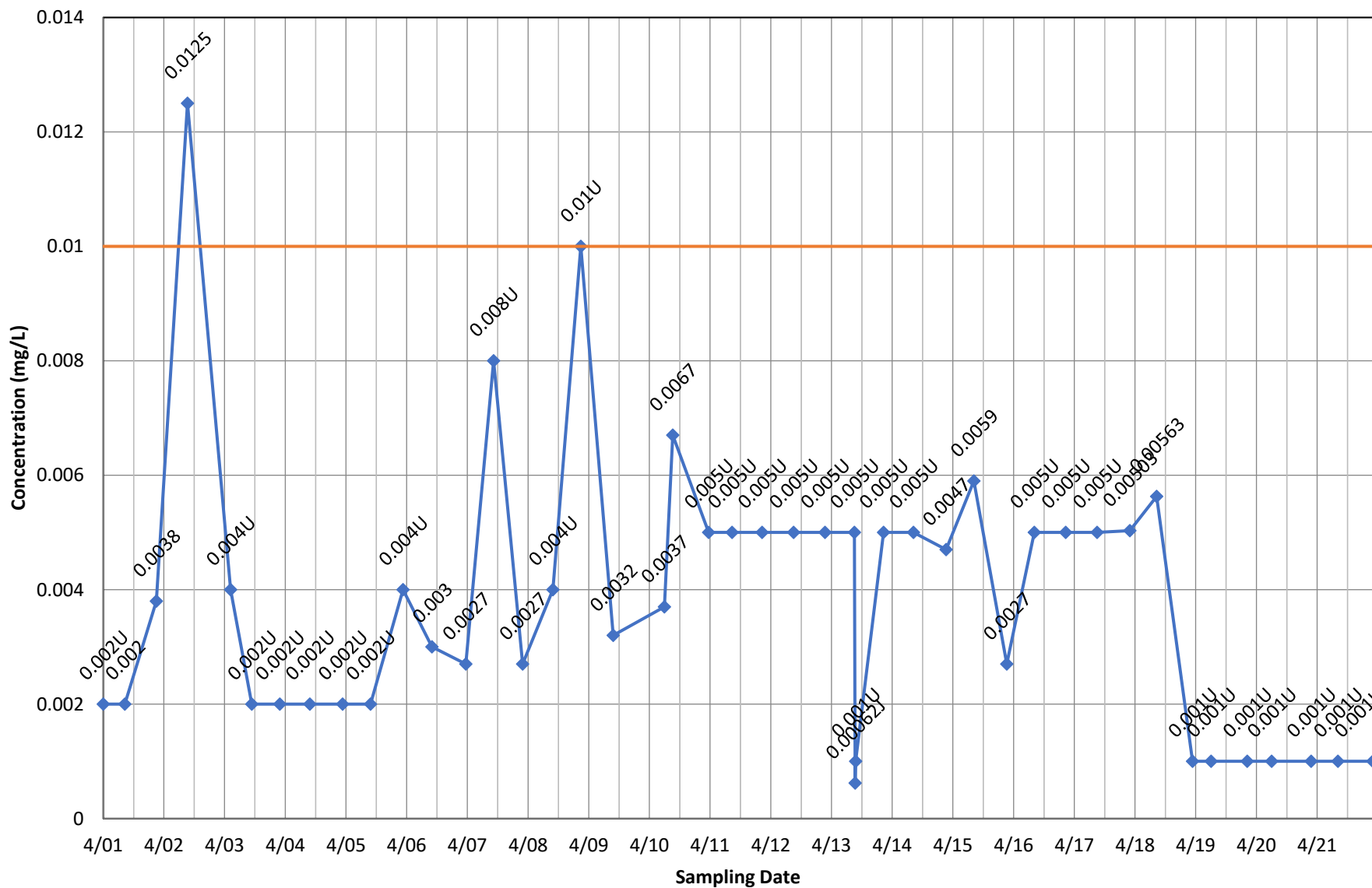
◆ Concentration — Current MCL

Monitoring Well OB04A - Vinyl Chloride



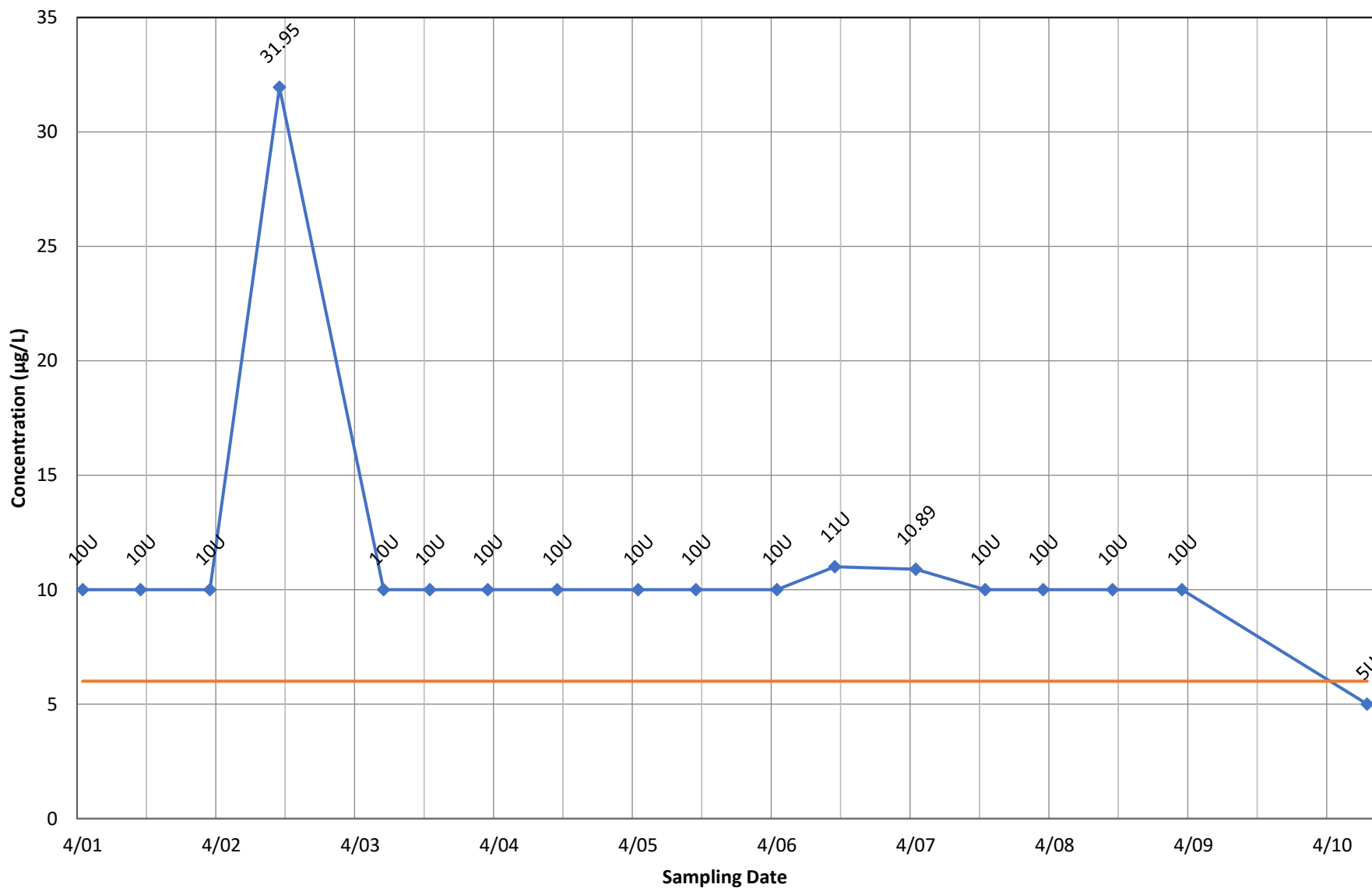
◆ Concentration — Current MCL

Monitoring Well OB06 - Arsenic, total



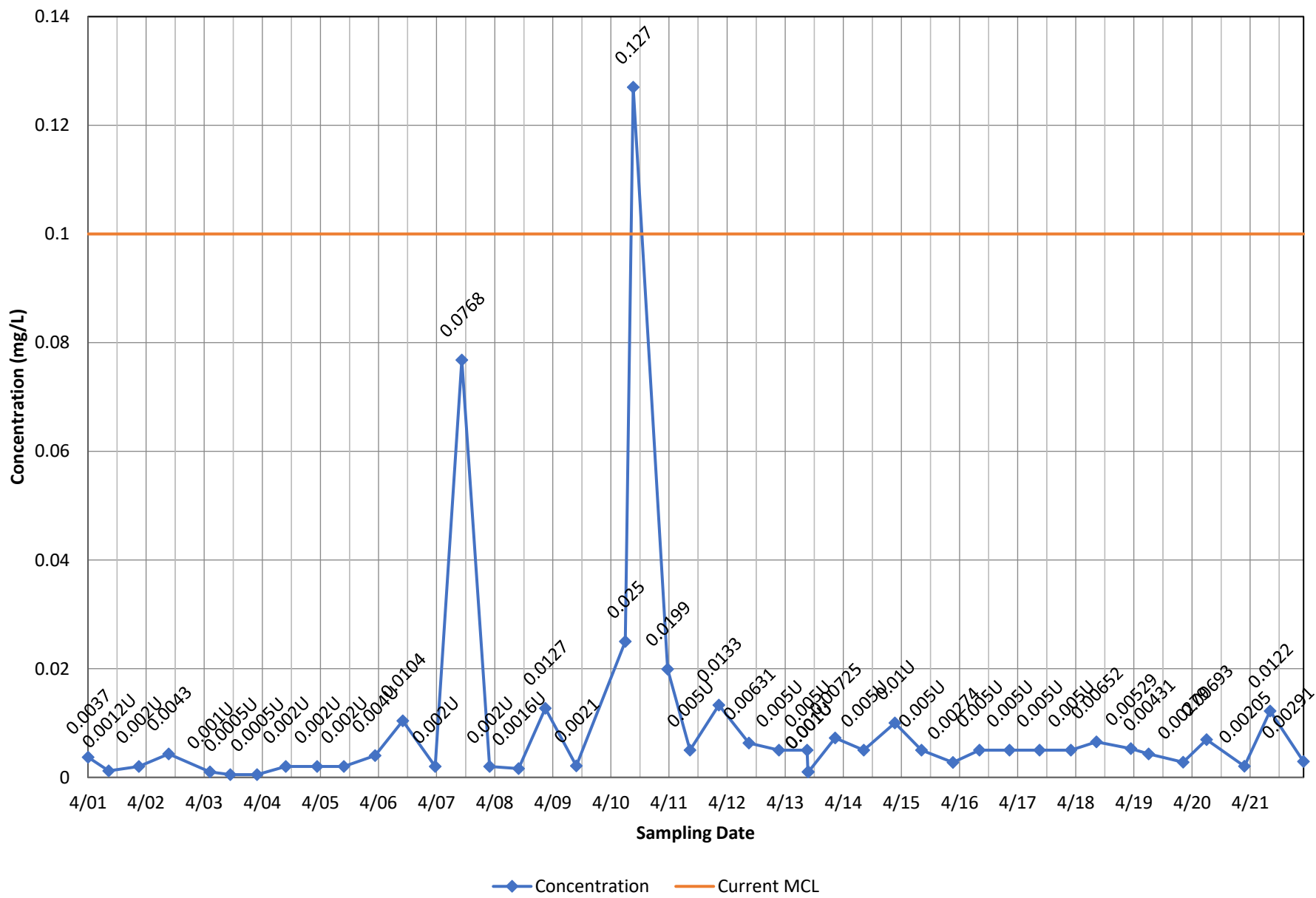
◆ Concentration — Current MCL

Monitoring Well OB06 - Bis(2-Ethylhexyl) Phthalate

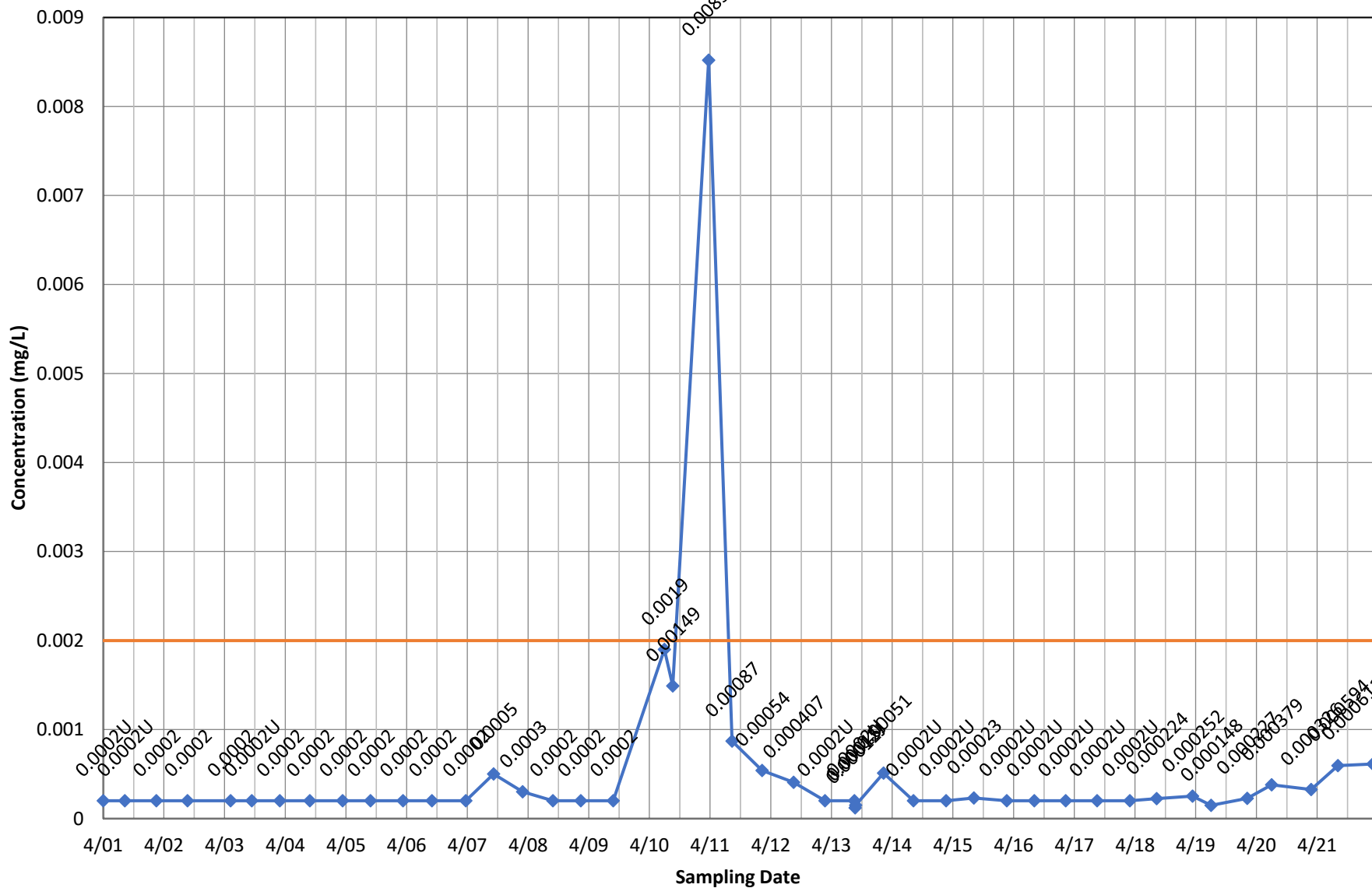


◆ Concentration — Current MCL

Monitoring Well OB06 - Chromium, total

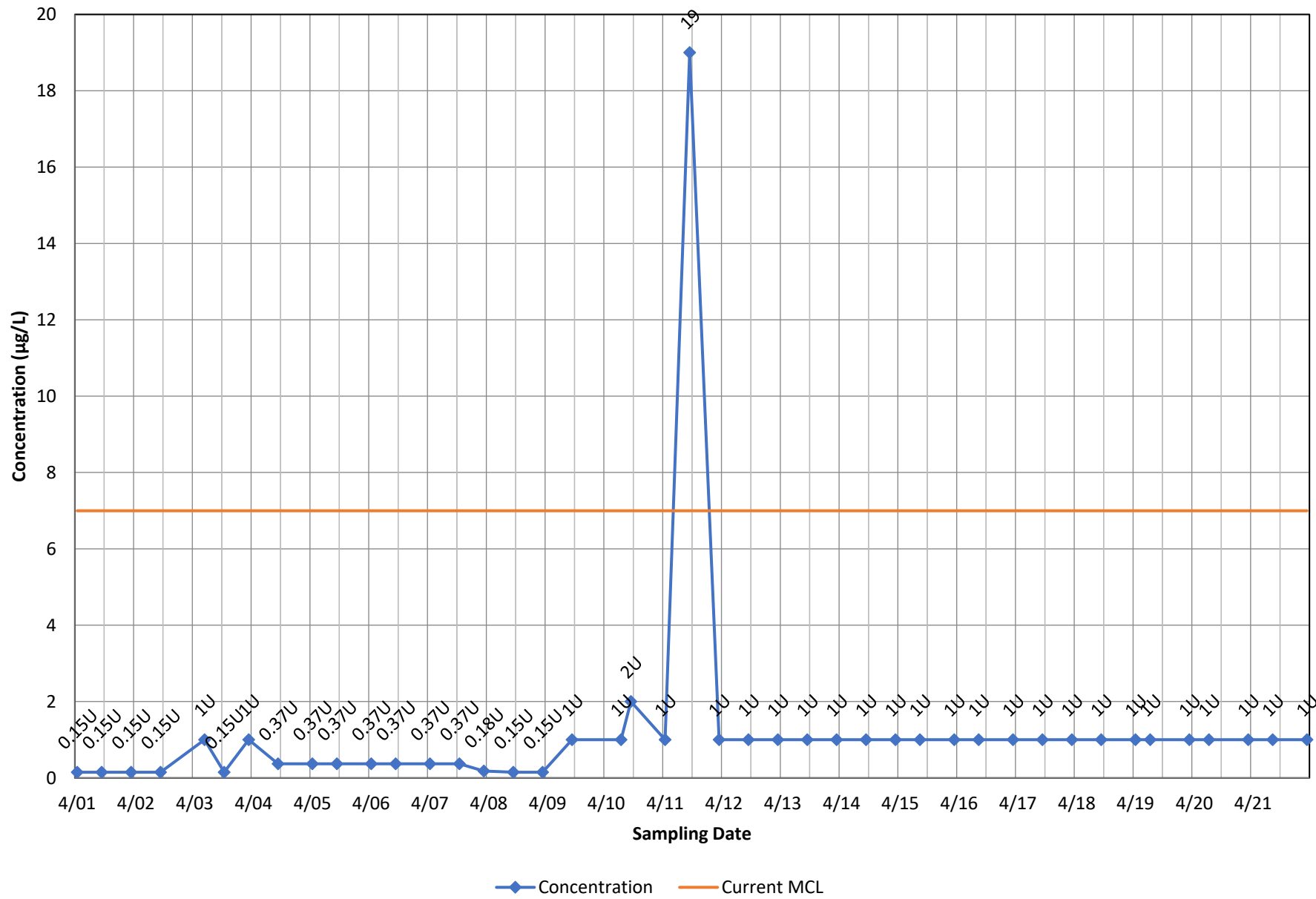


Monitoring Well OB06 - Mercury, total

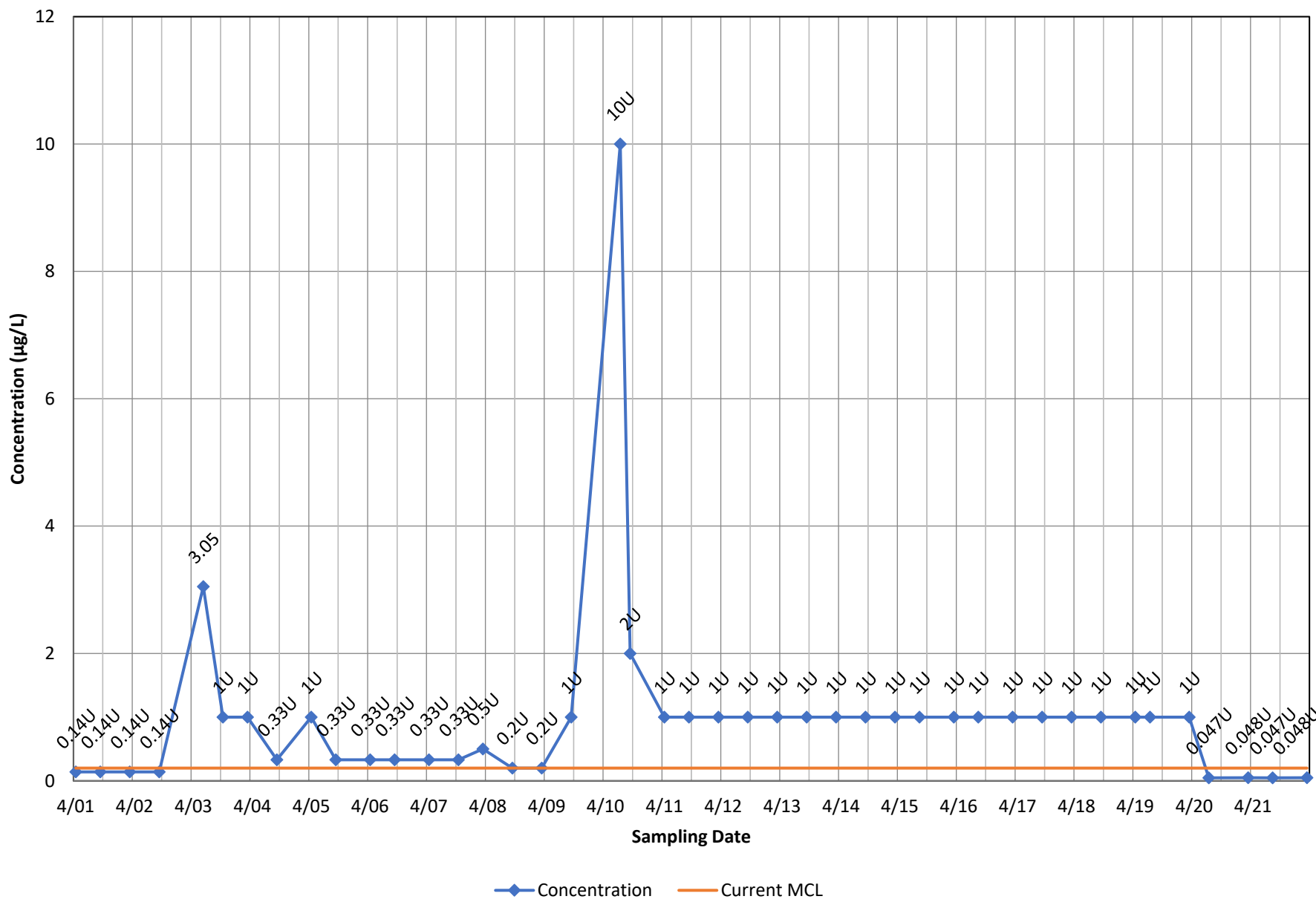


◆ Concentration — Current MCL

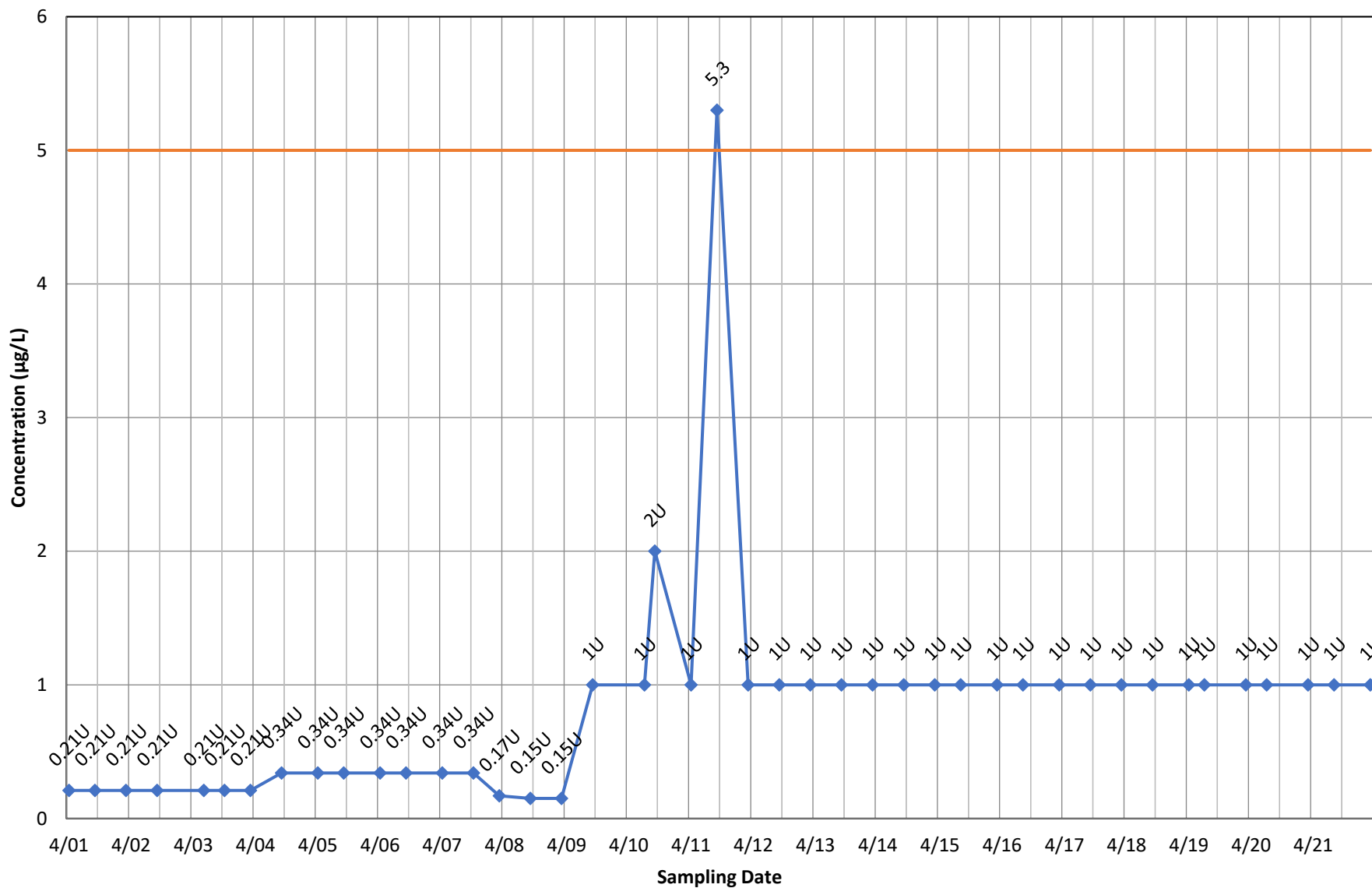
Monitoring Well OB07 - 1,1-Dichloroethene



Monitoring Well OB07 - 1,2-Dibromo-3-chloropropane

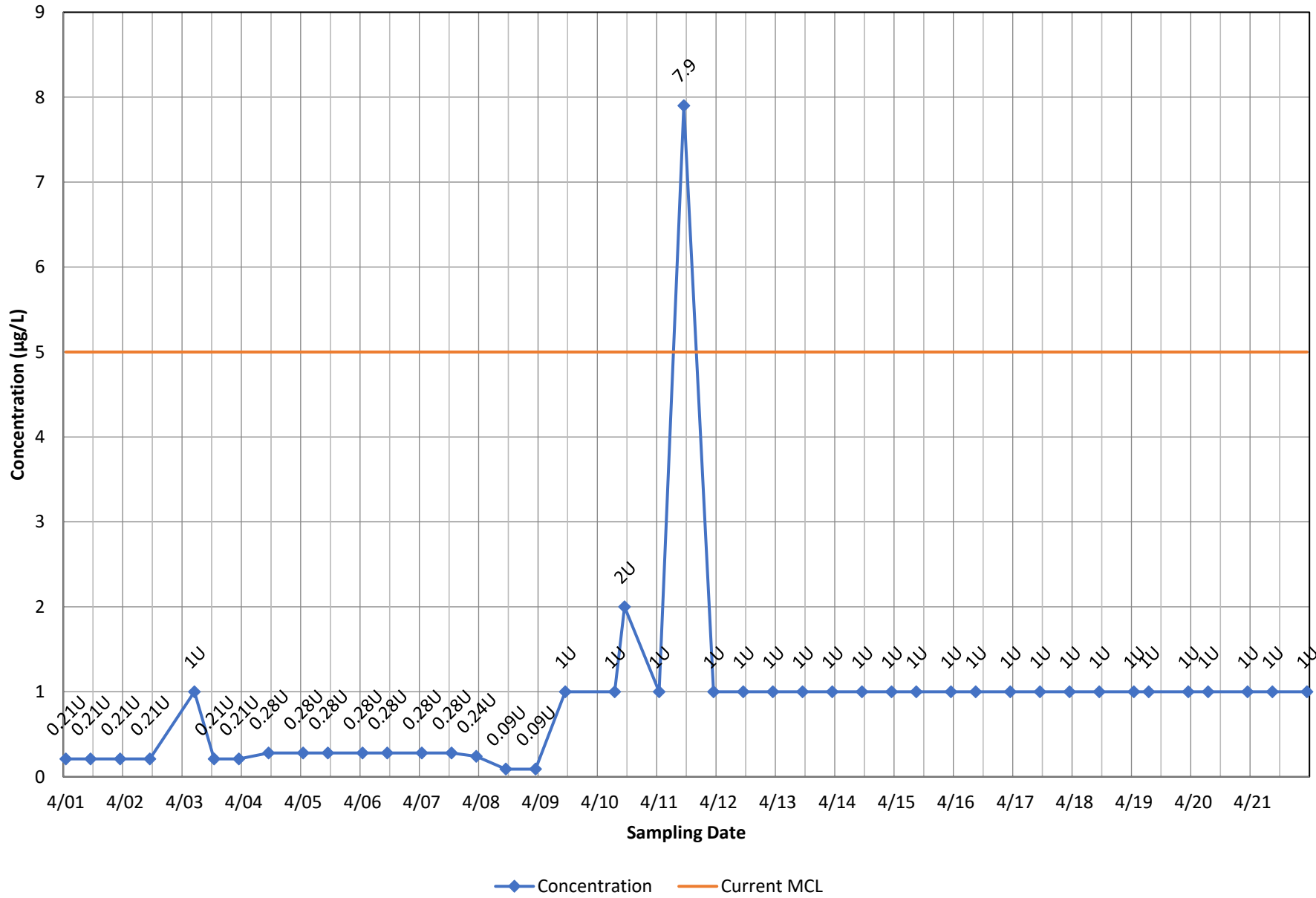


Monitoring Well OB07 - 1,2-Dichloropropane

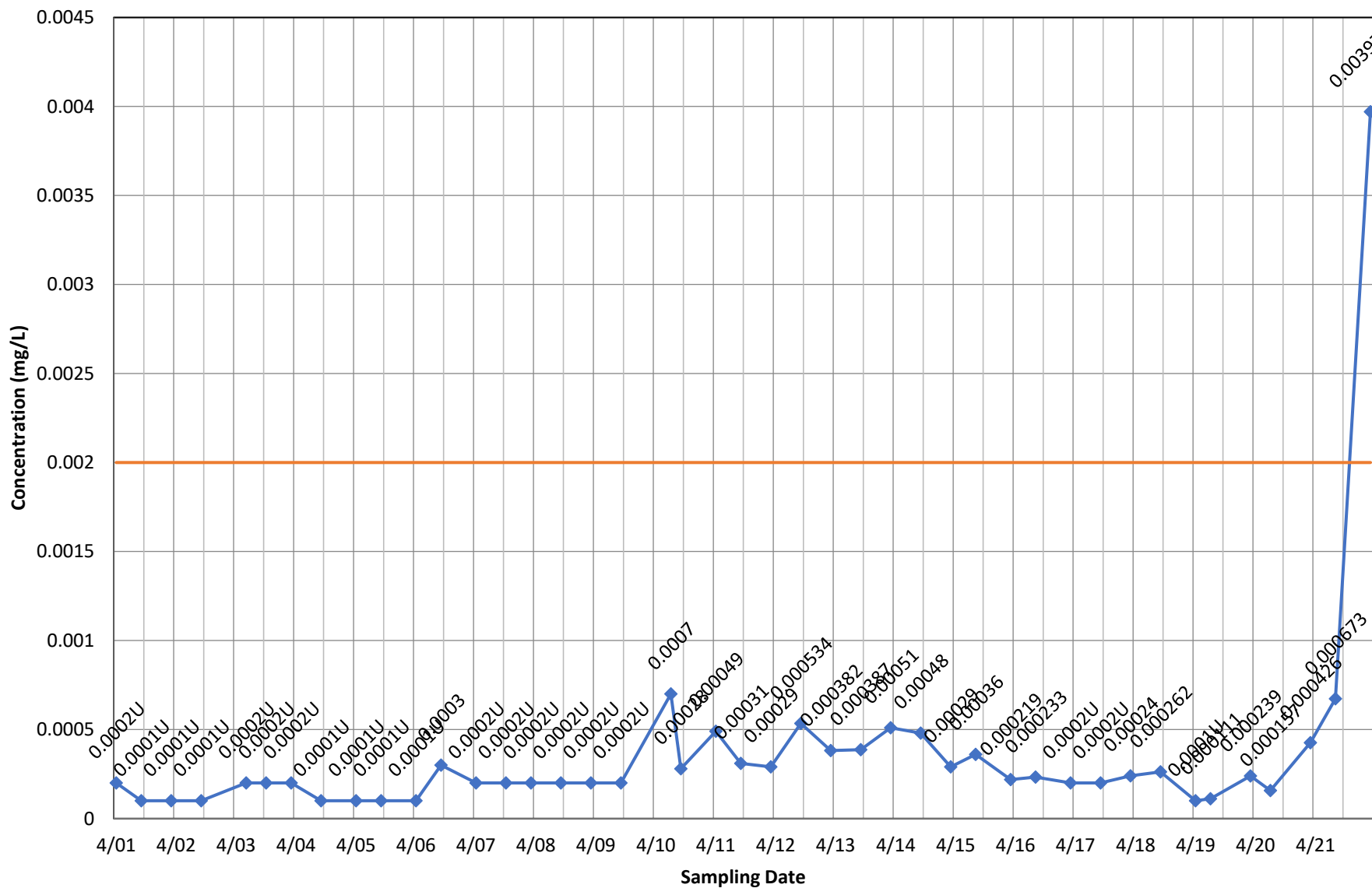


◆ Concentration — Current MCL

Monitoring Well OB07 - Benzene

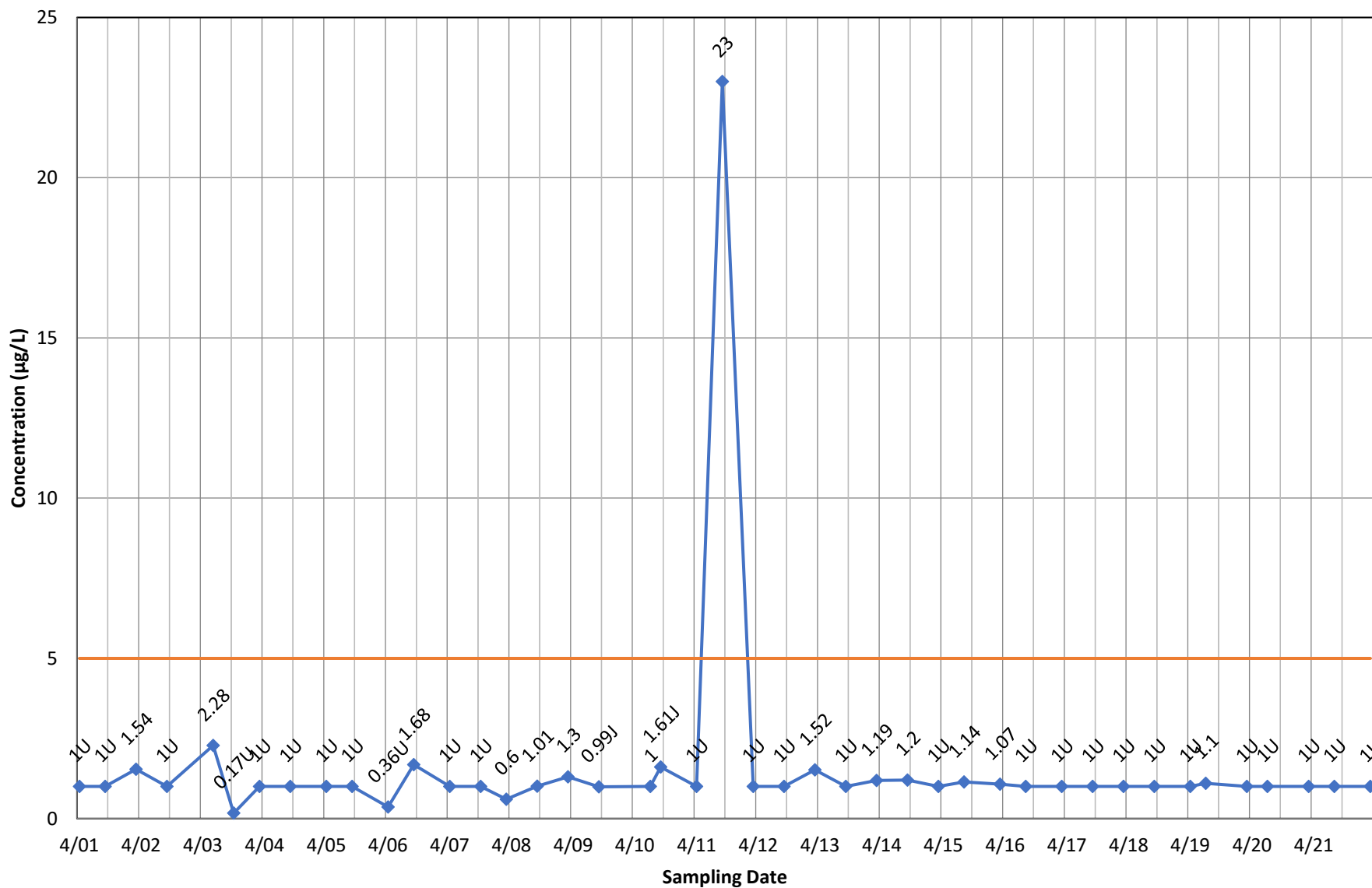


Monitoring Well OB07 - Mercury, total



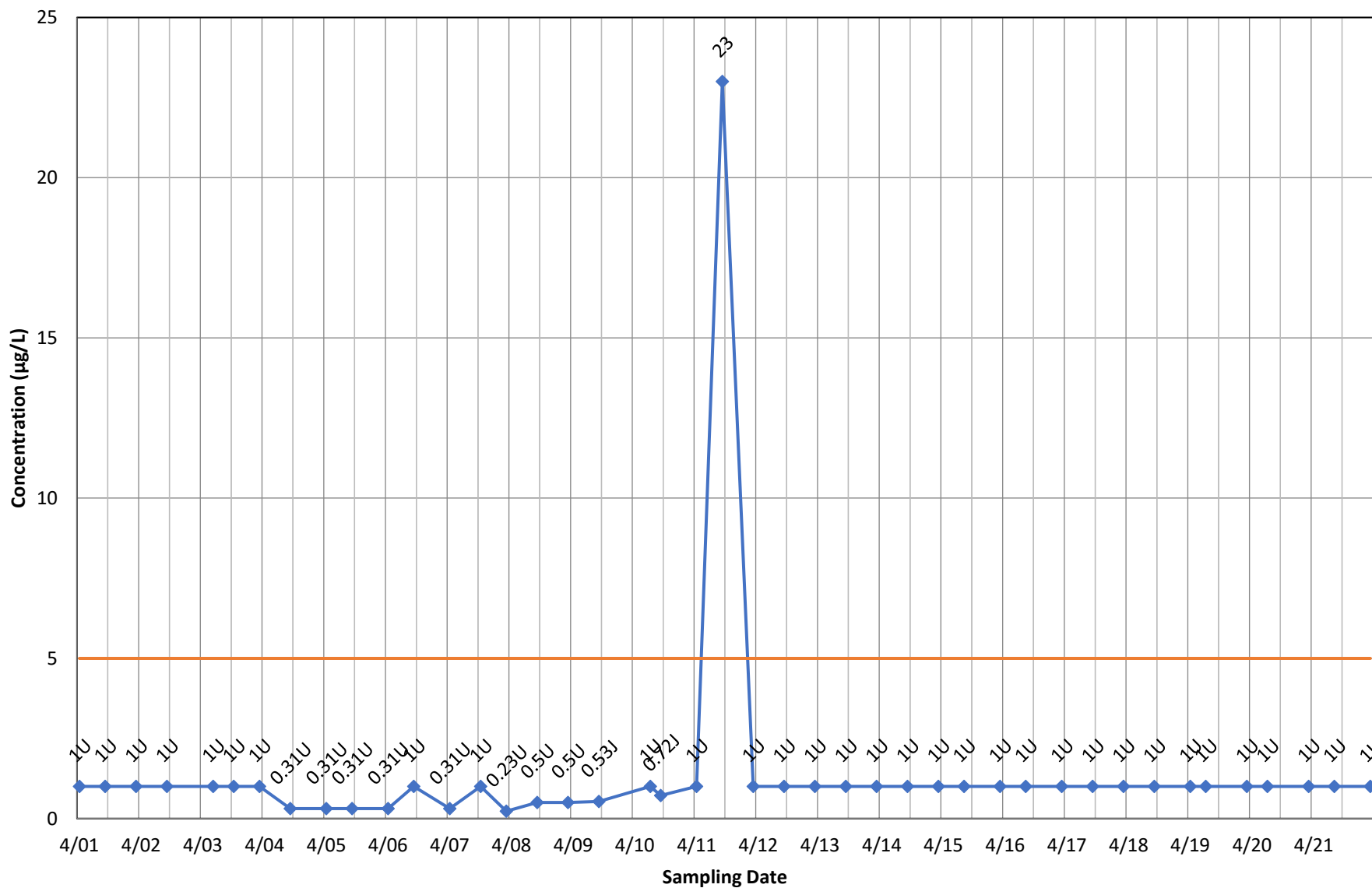
◆ Concentration — Current MCL

Monitoring Well OB07 - Tetrachloroethene



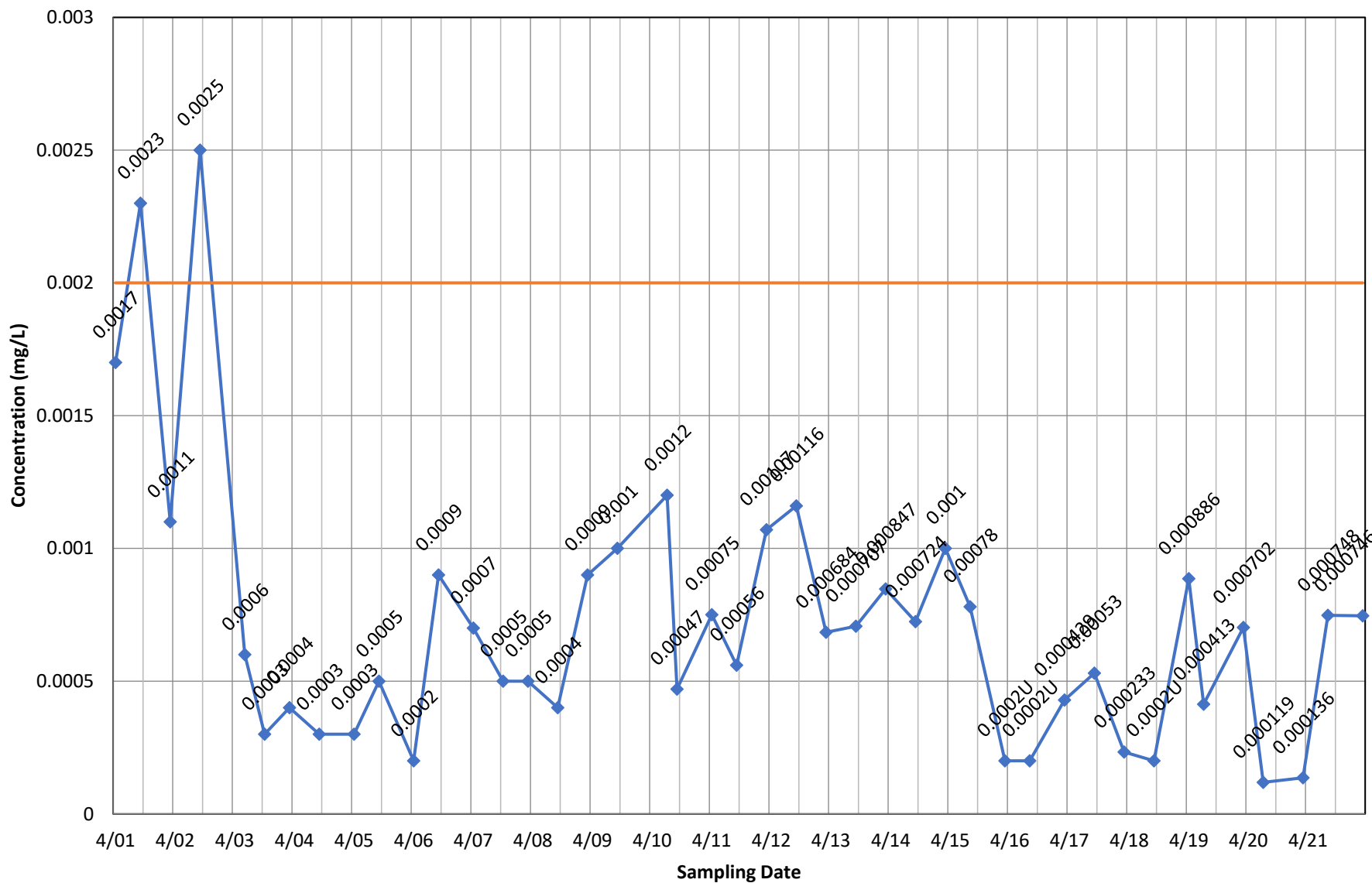
◆ Concentration — Current MCL

Monitoring Well OB07 - Trichloroethene



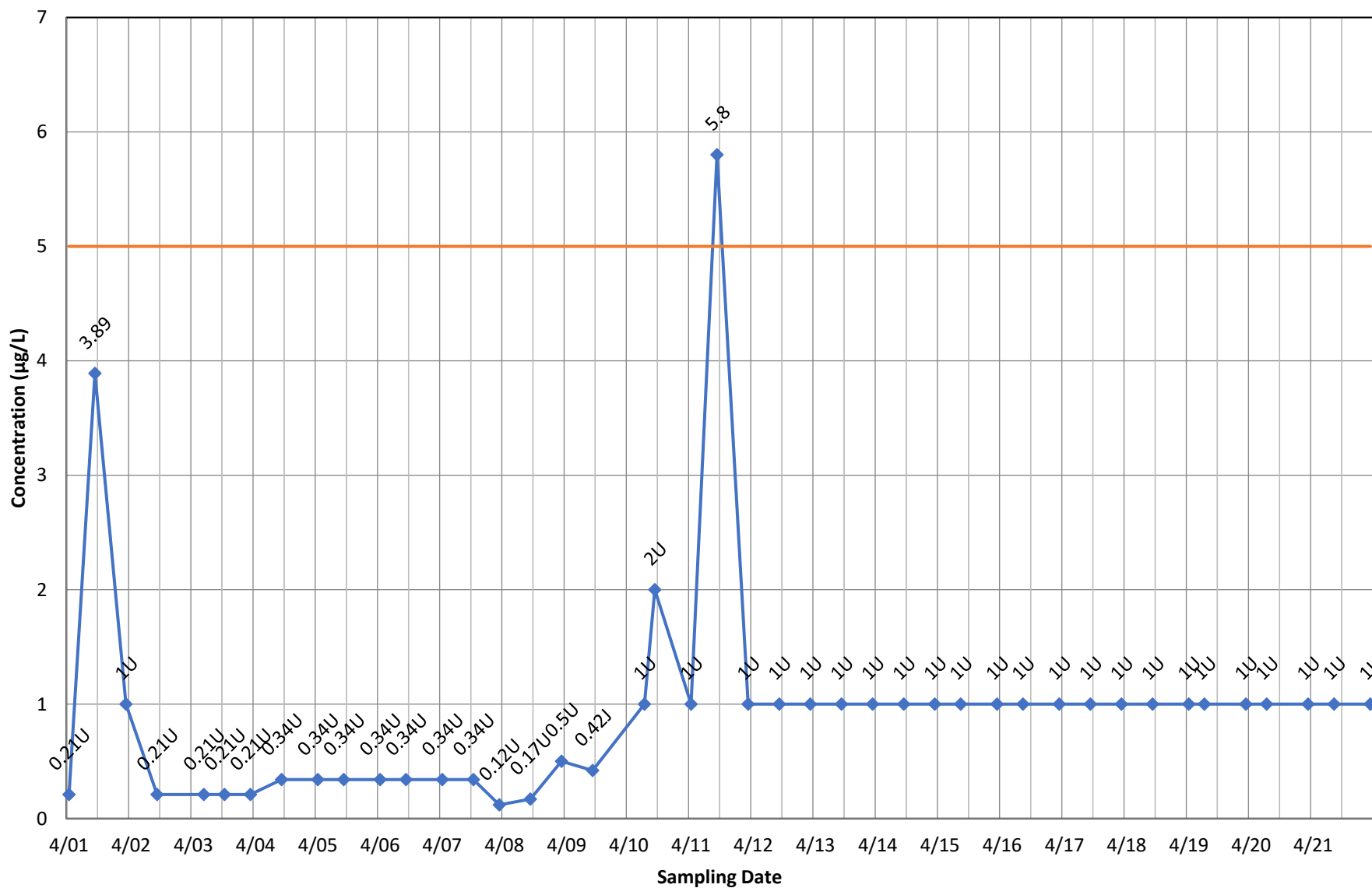
◆ Concentration — Current MCL

Monitoring Well OB07A - Mercury, total



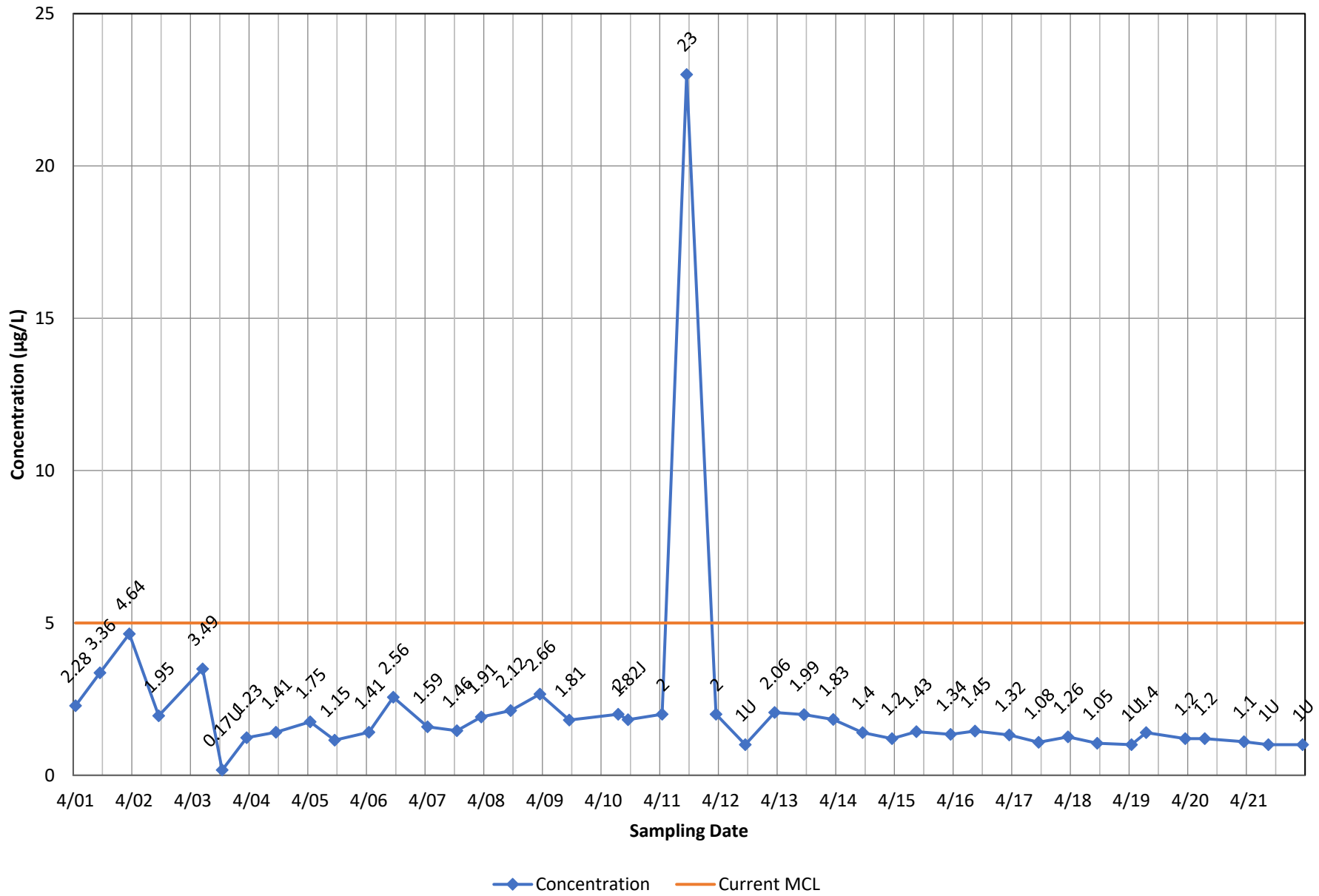
◆ Concentration — Current MCL

Monitoring Well OB07A - Methylene Chloride

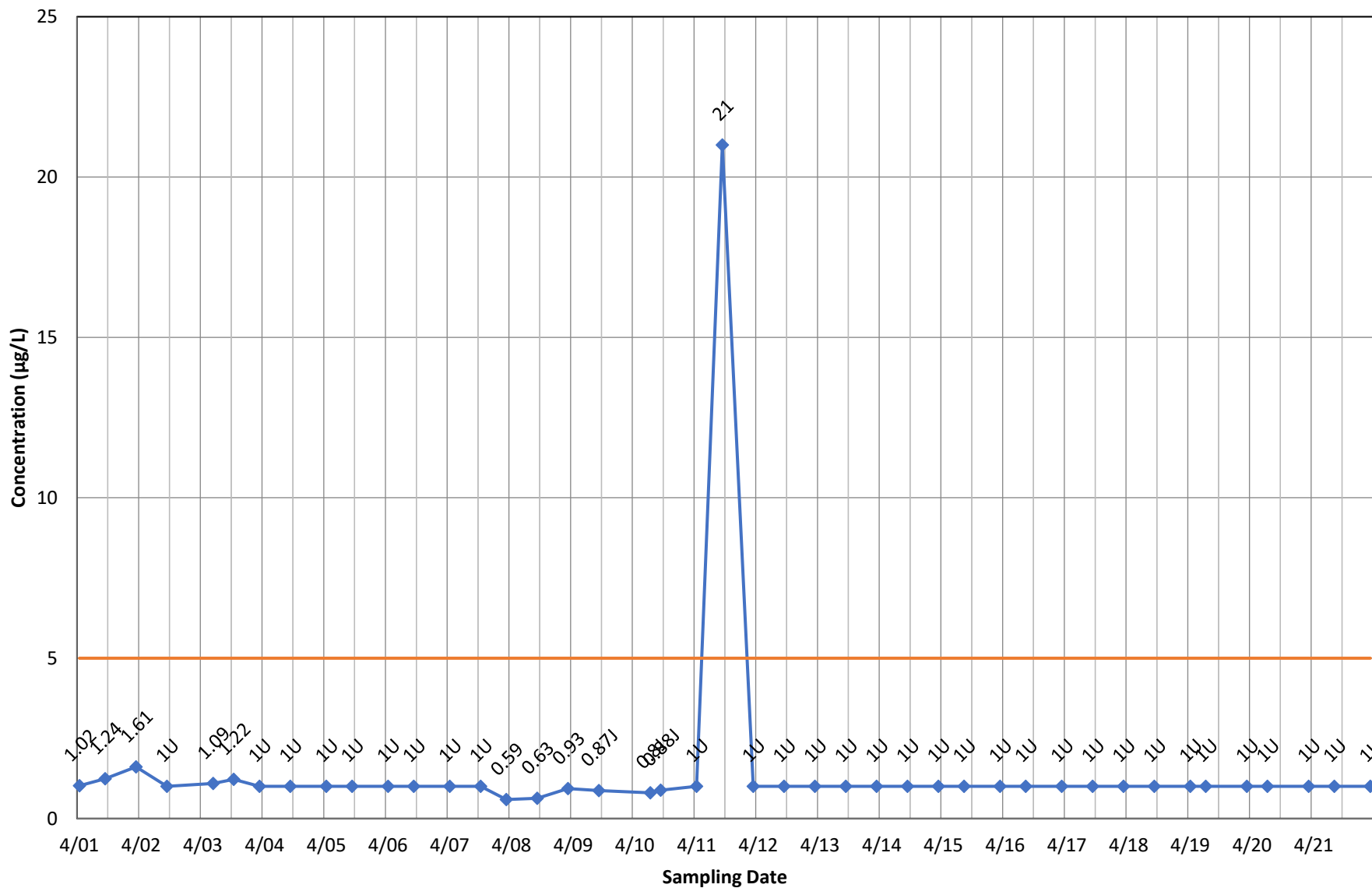


◆ Concentration — Current MCL

Monitoring Well OB07A - Tetrachloroethene

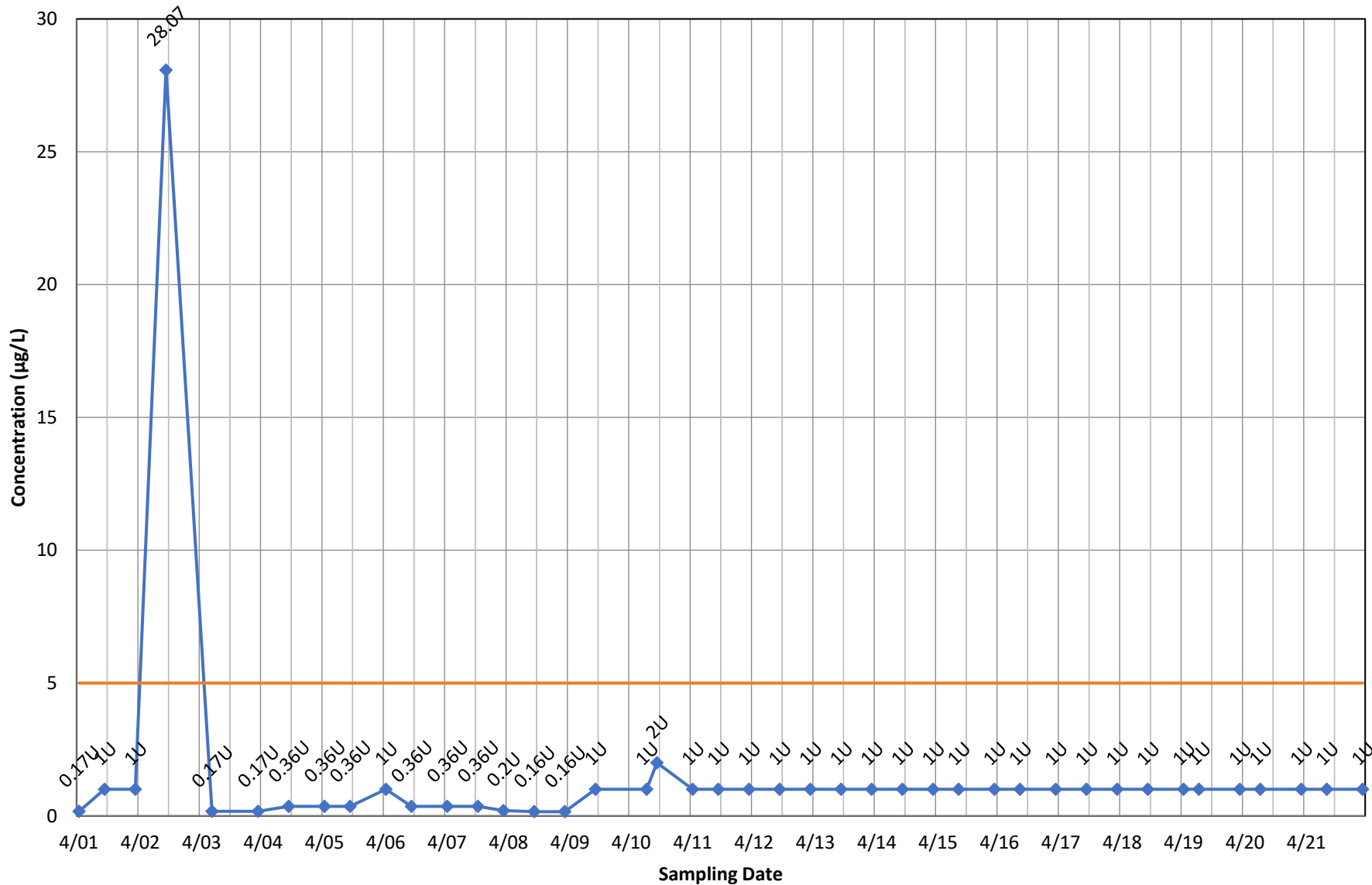


Monitoring Well OB07A - Trichloroethene



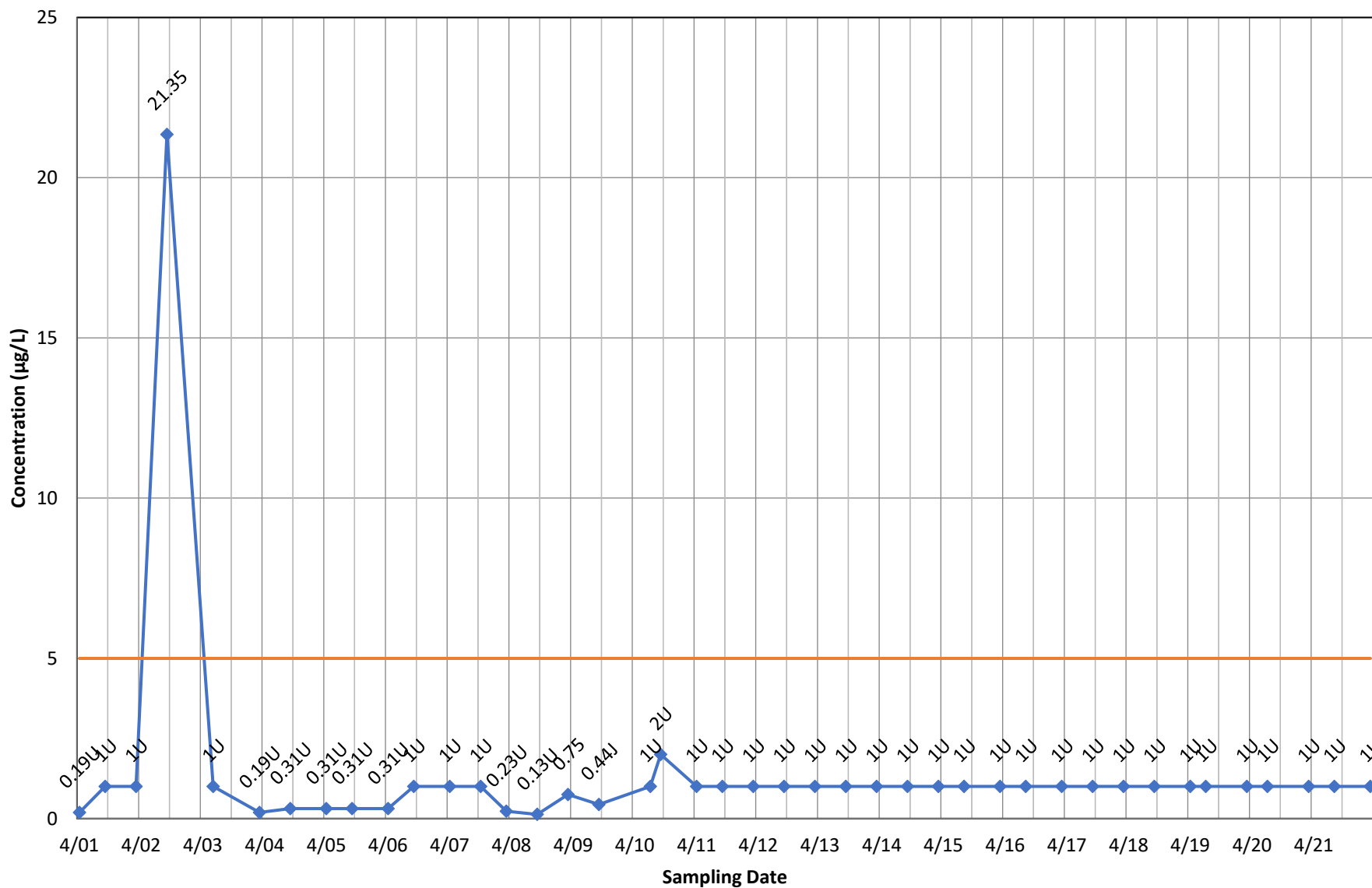
◆ Concentration — Current MCL

Monitoring Well OB08 - Tetrachloroethene



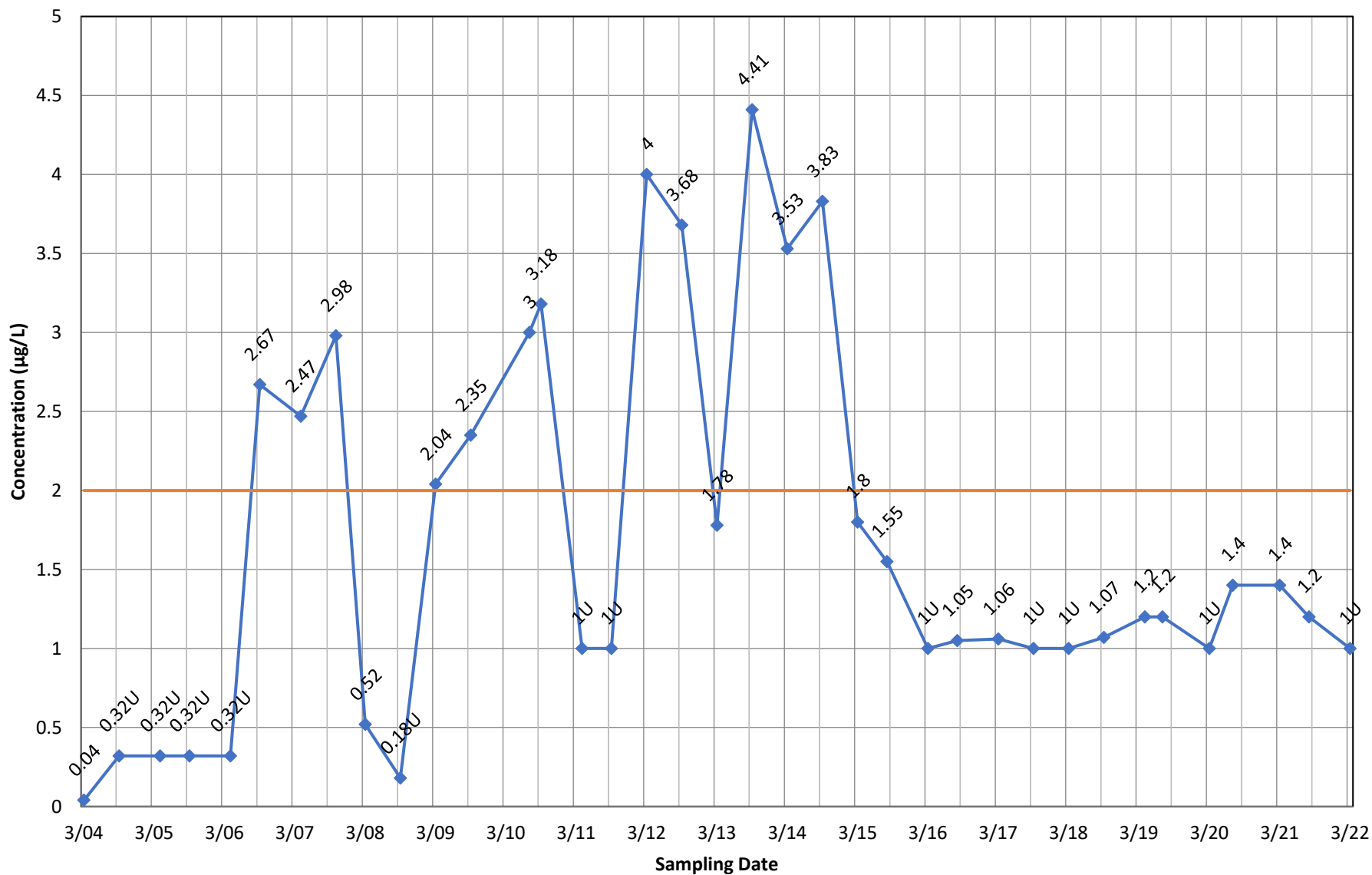
◆ Concentration — Current MCL

Monitoring Well OB08 - Trichloroethene



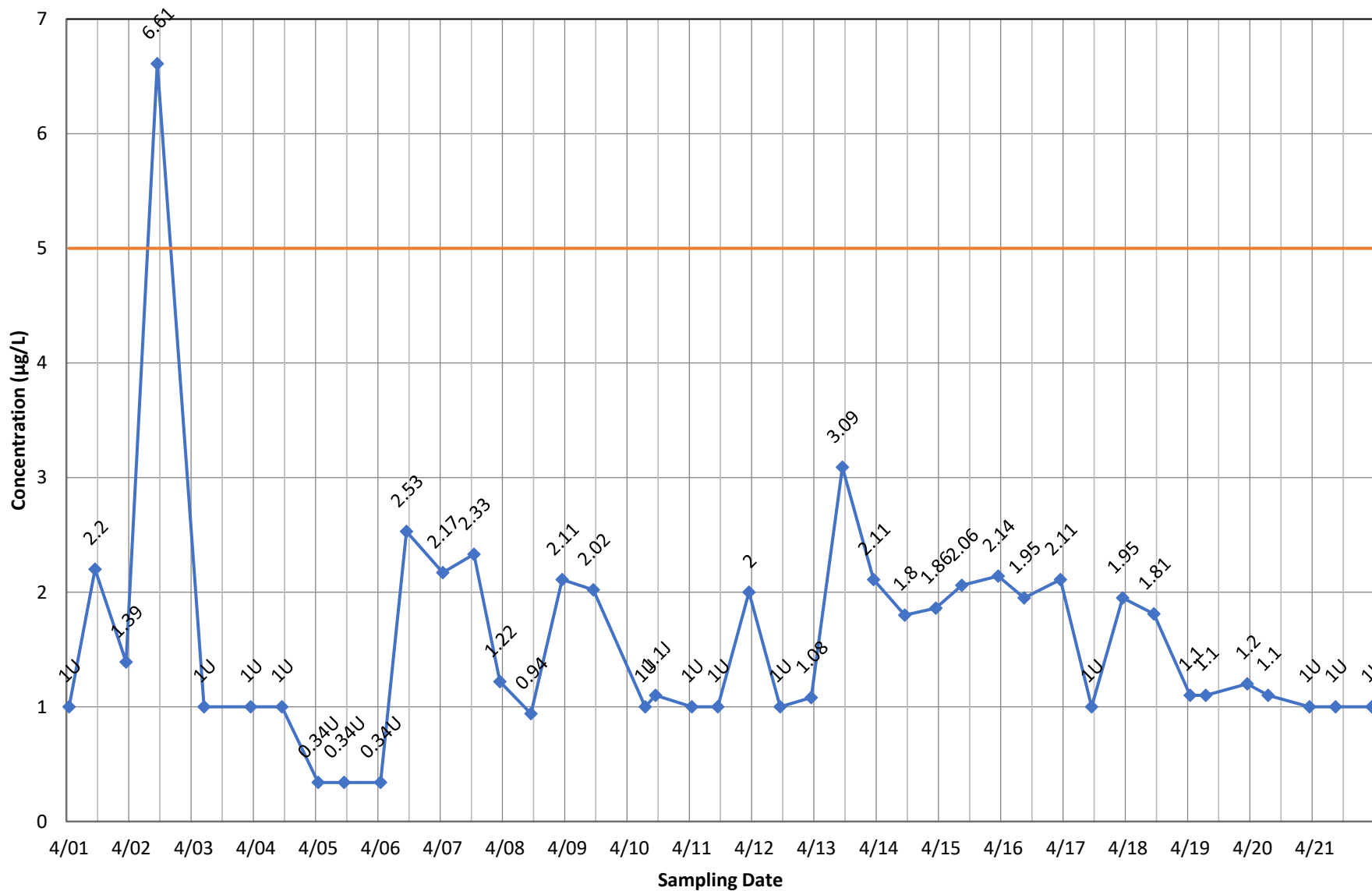
◆ Concentration — Current MCL

Monitoring Well OB08 - Vinyl Chloride



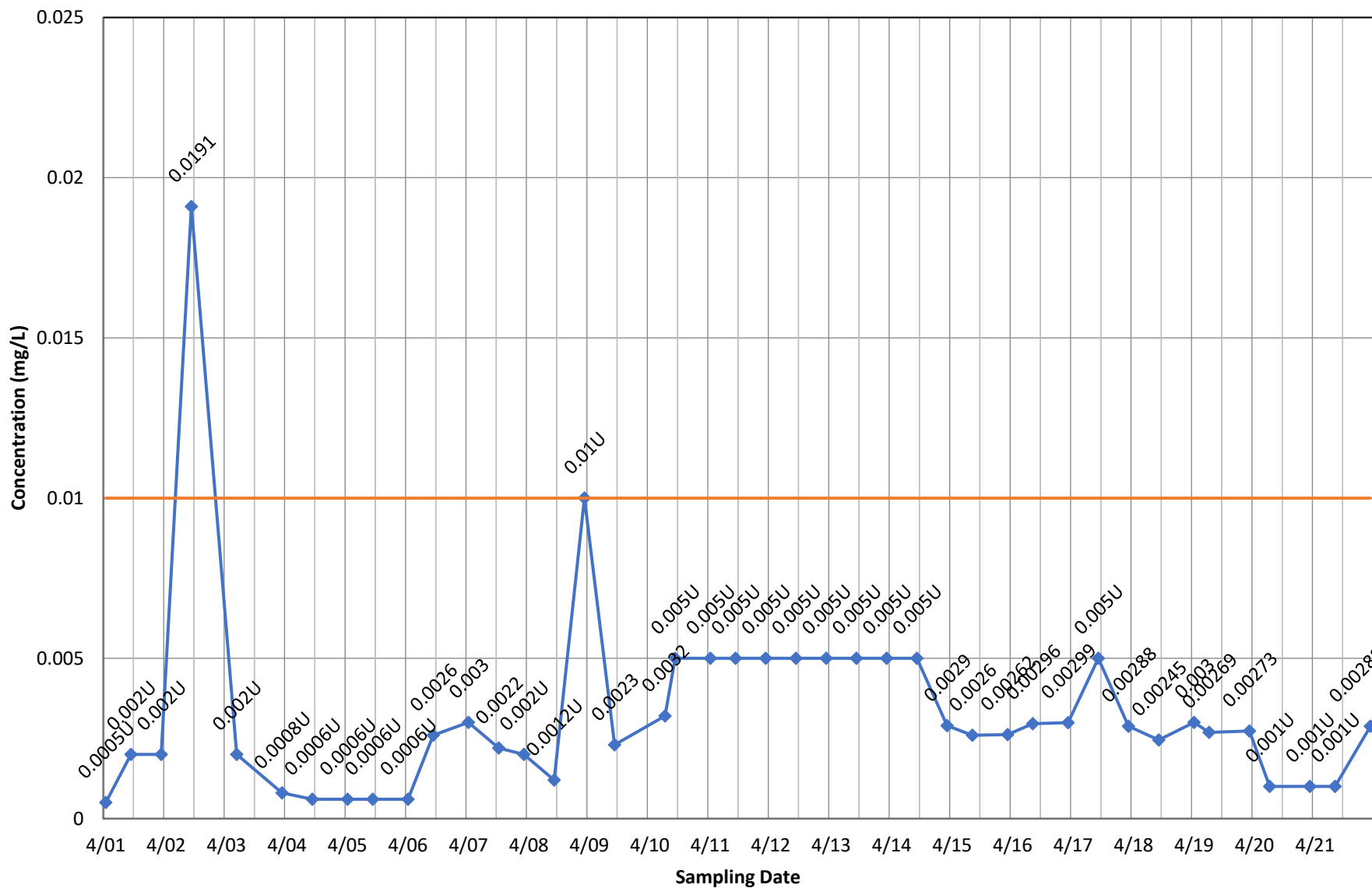
◆ Concentration — Current MCL

Monitoring Well OB08A - 1,2-Dichloropropane



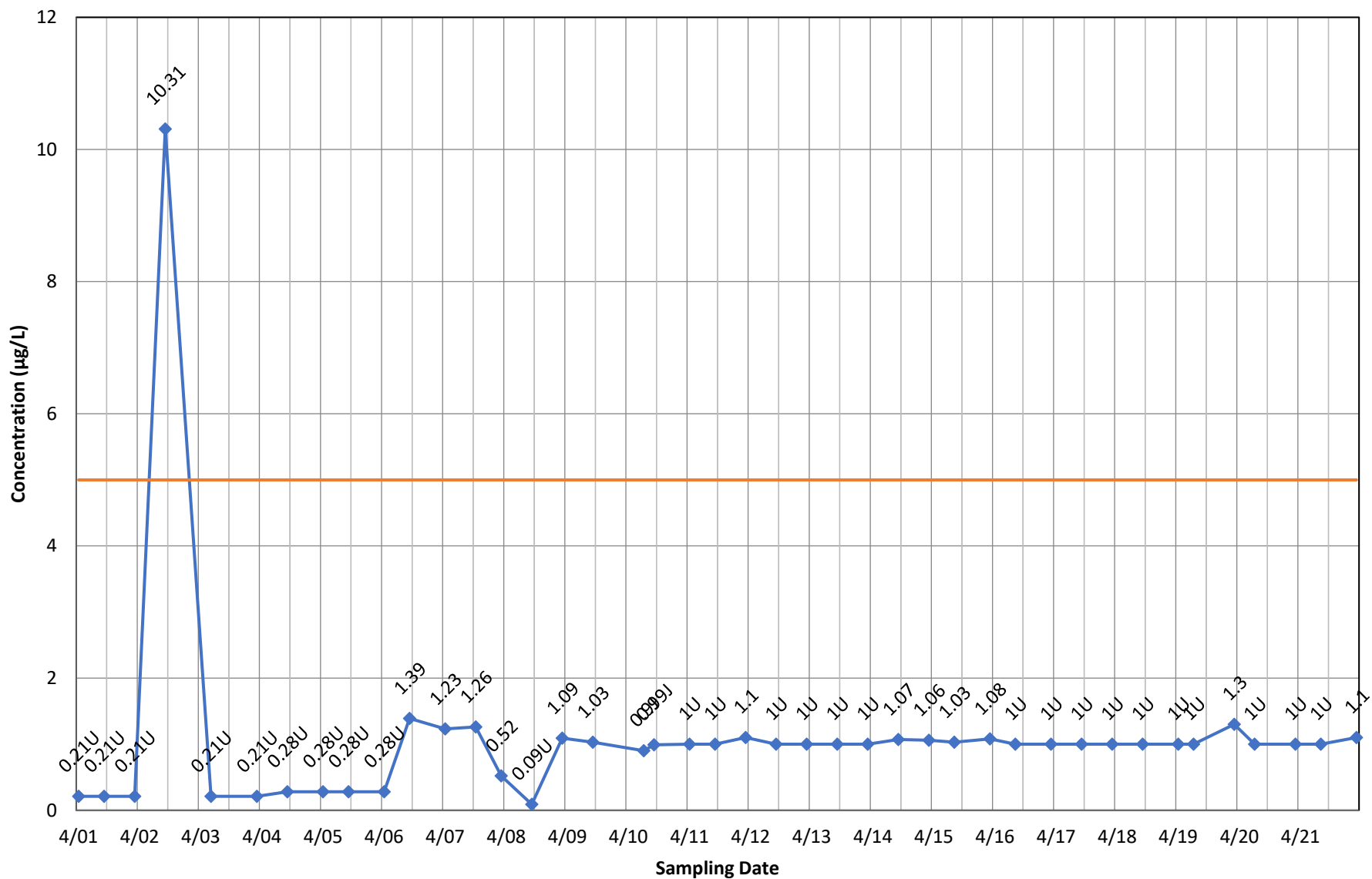
◆ Concentration — Current MCL

Monitoring Well OB08A - Arsenic, total



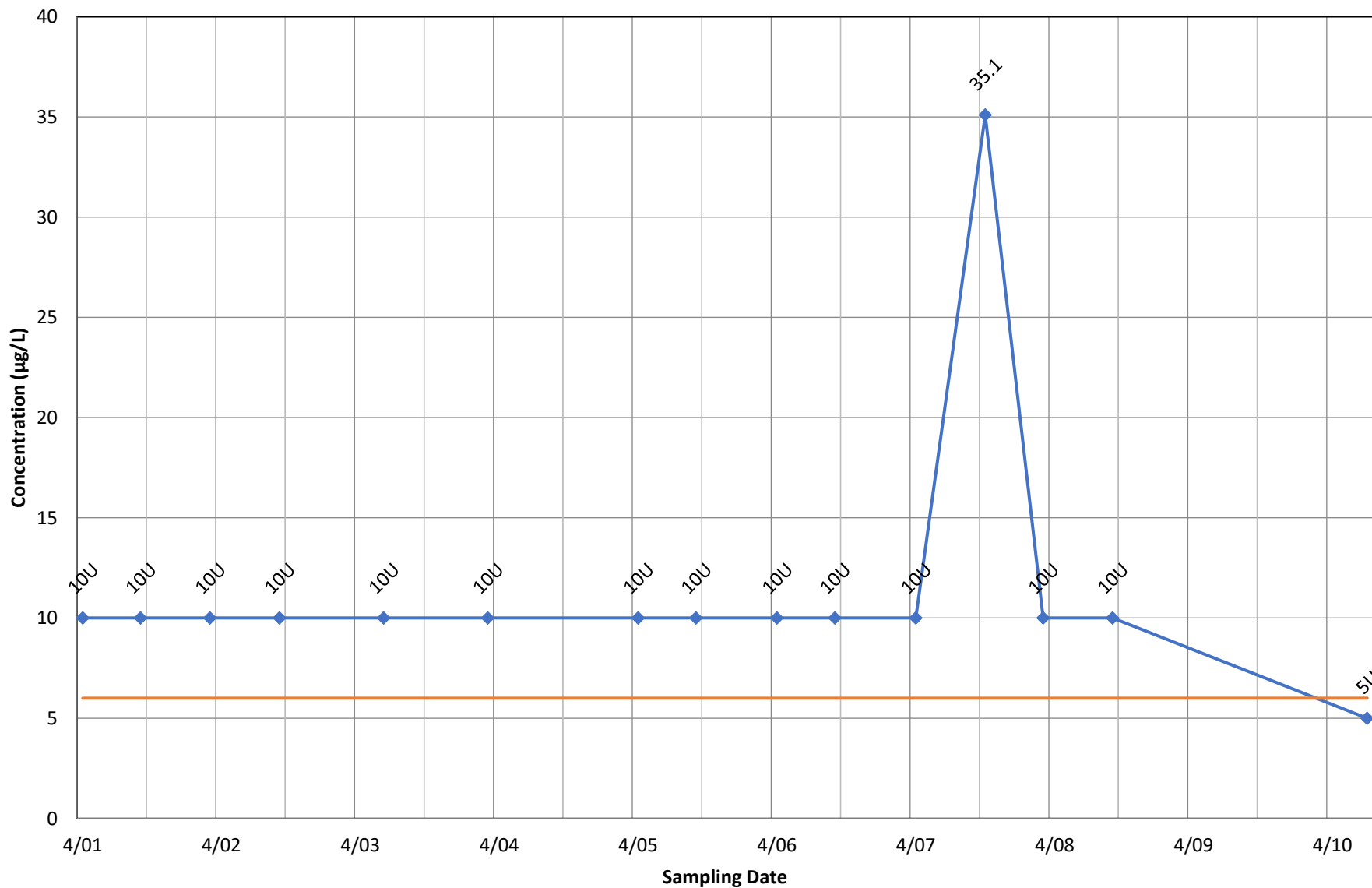
◆ Concentration — Current MCL

Monitoring Well OB08A - Benzene



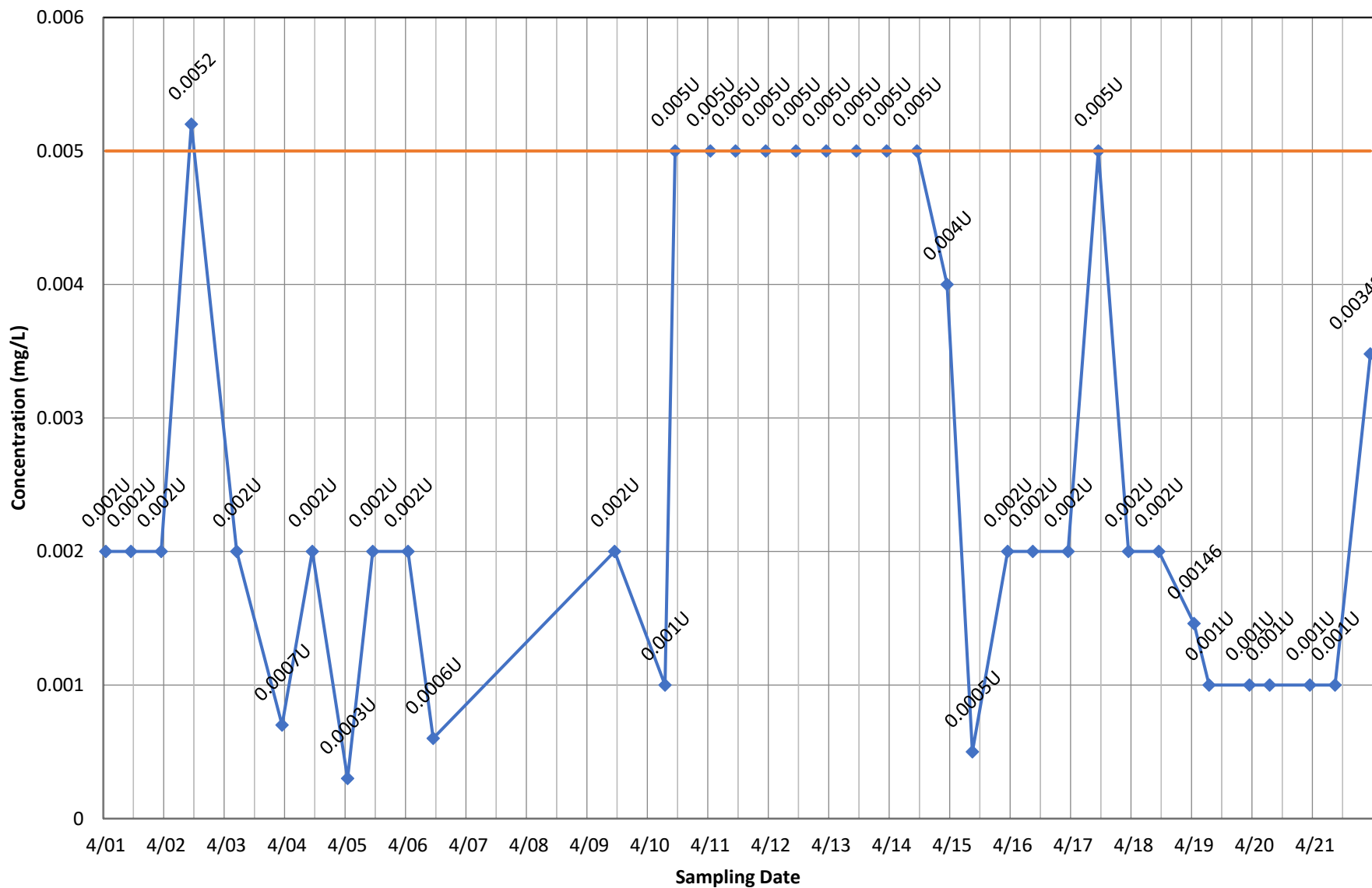
◆ Concentration — Current MCL

Monitoring Well OB08A - Bis(2-Ethylhexyl) Phthalate



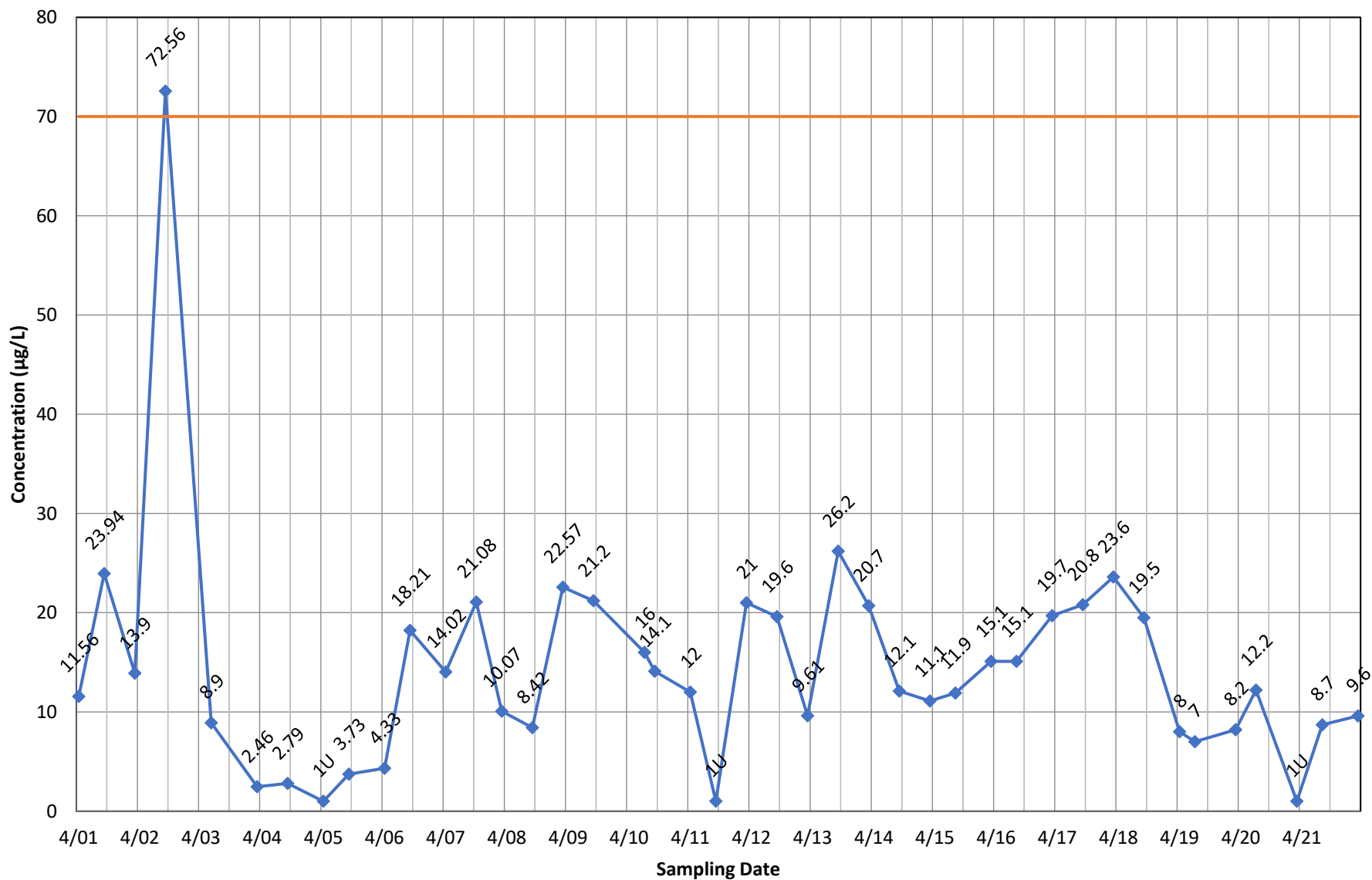
◆ Concentration — Current MCL

Monitoring Well OB08A - Cadmium, total



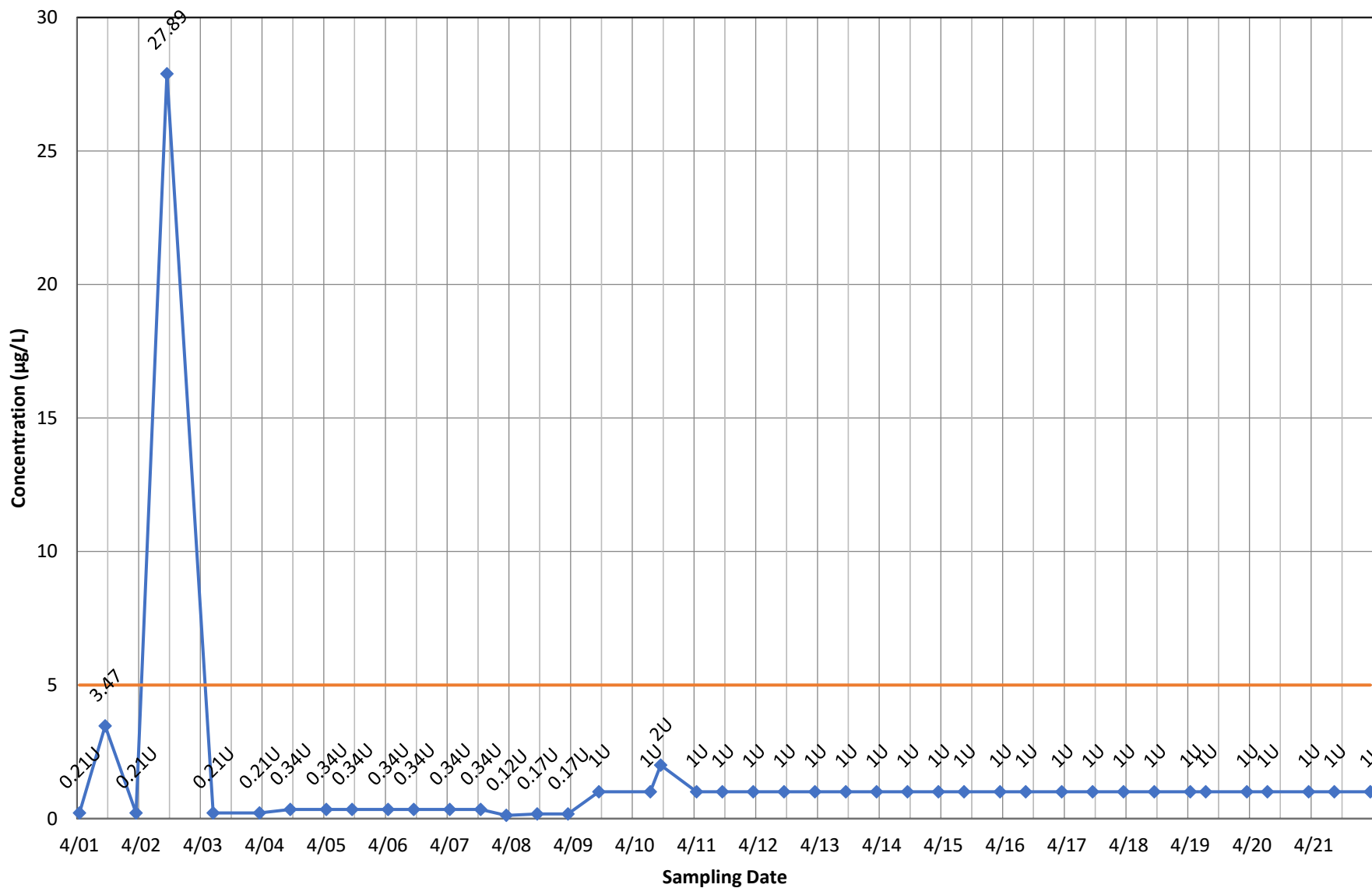
◆ Concentration — Current MCL

Monitoring Well OB08A - cis-1,2-Dichloroethene



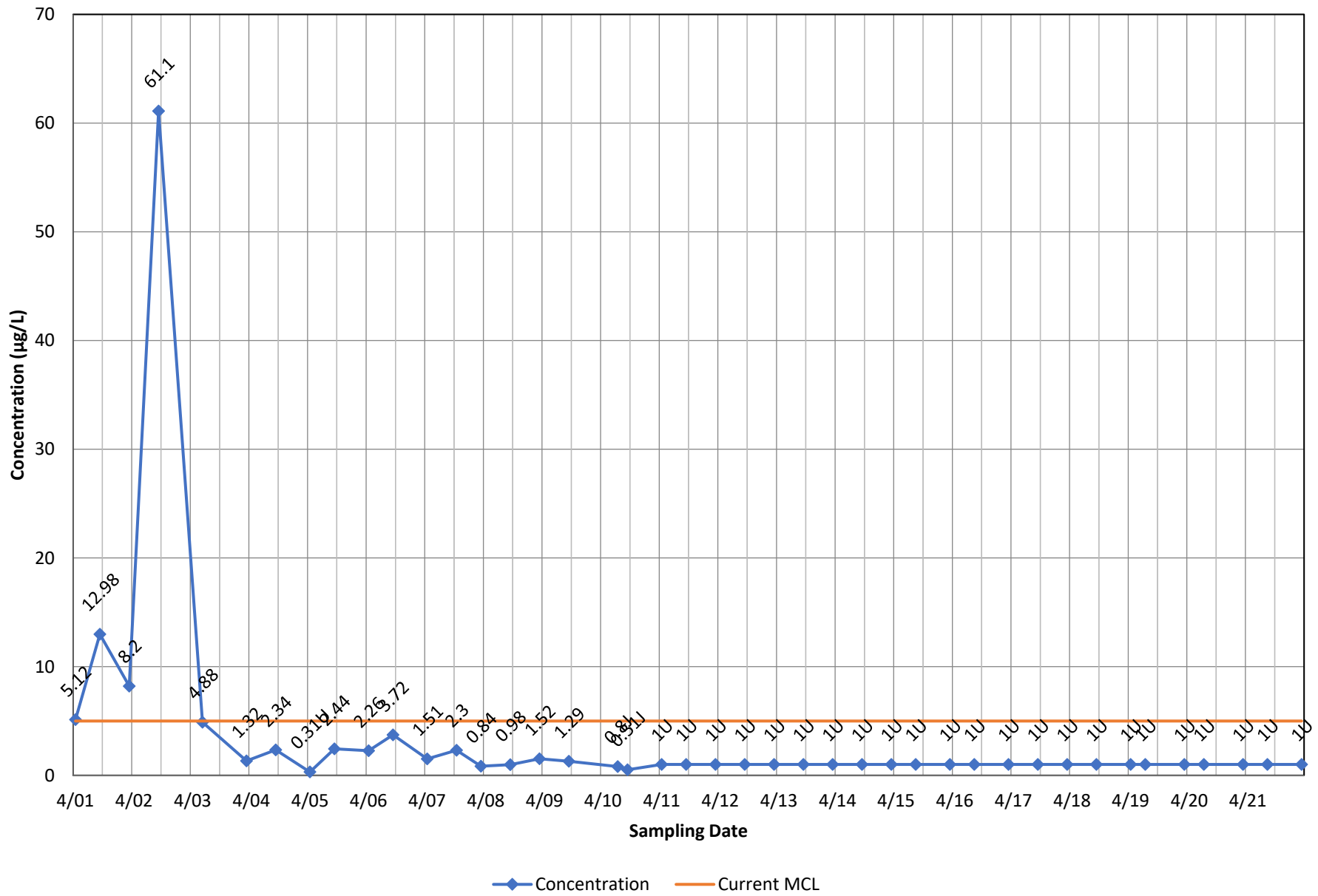
◆ Concentration — Current MCL

Monitoring Well OB08A - Methylene Chloride

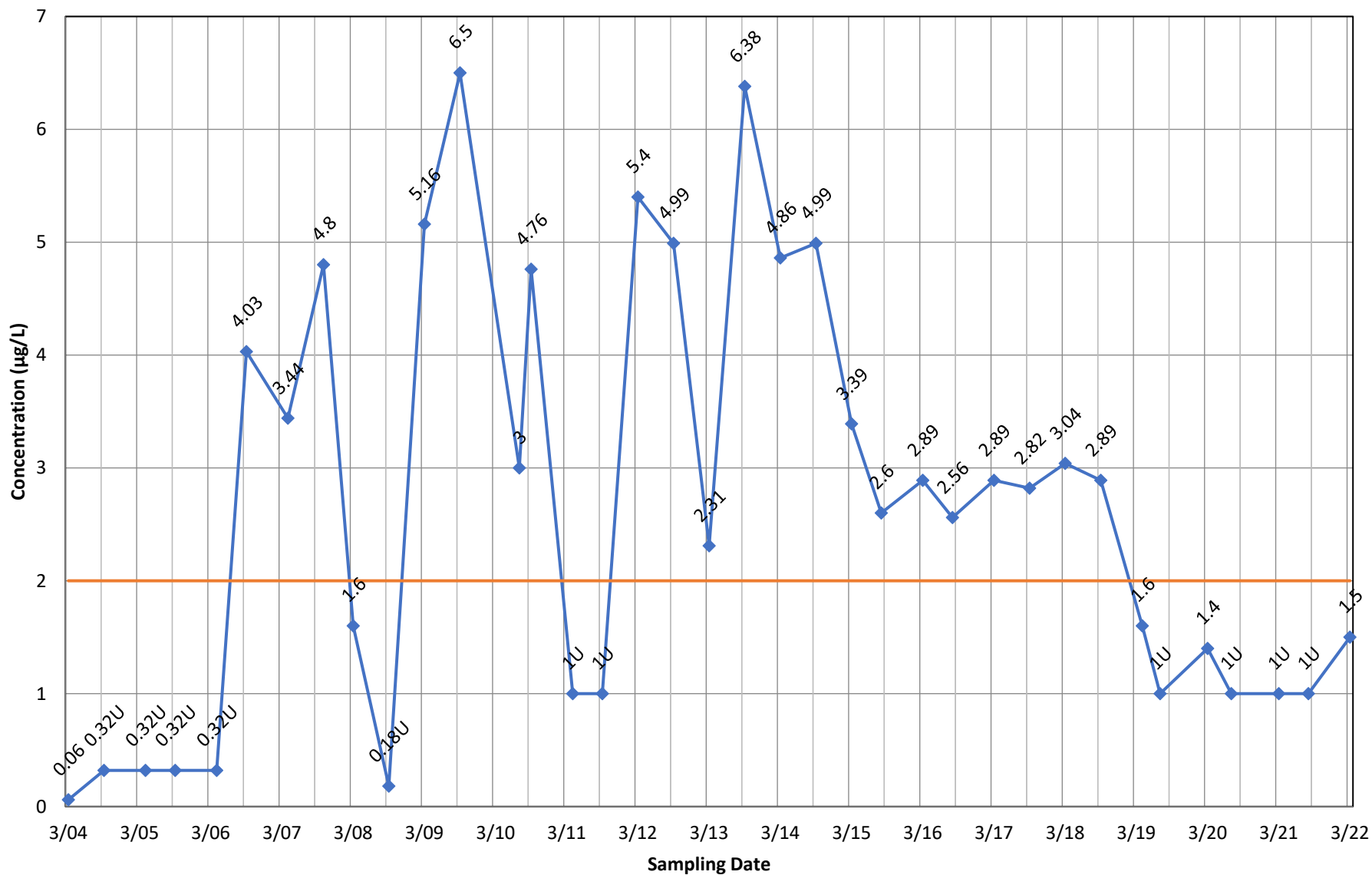


◆ Concentration — Current MCL

Monitoring Well OB08A - Trichloroethene

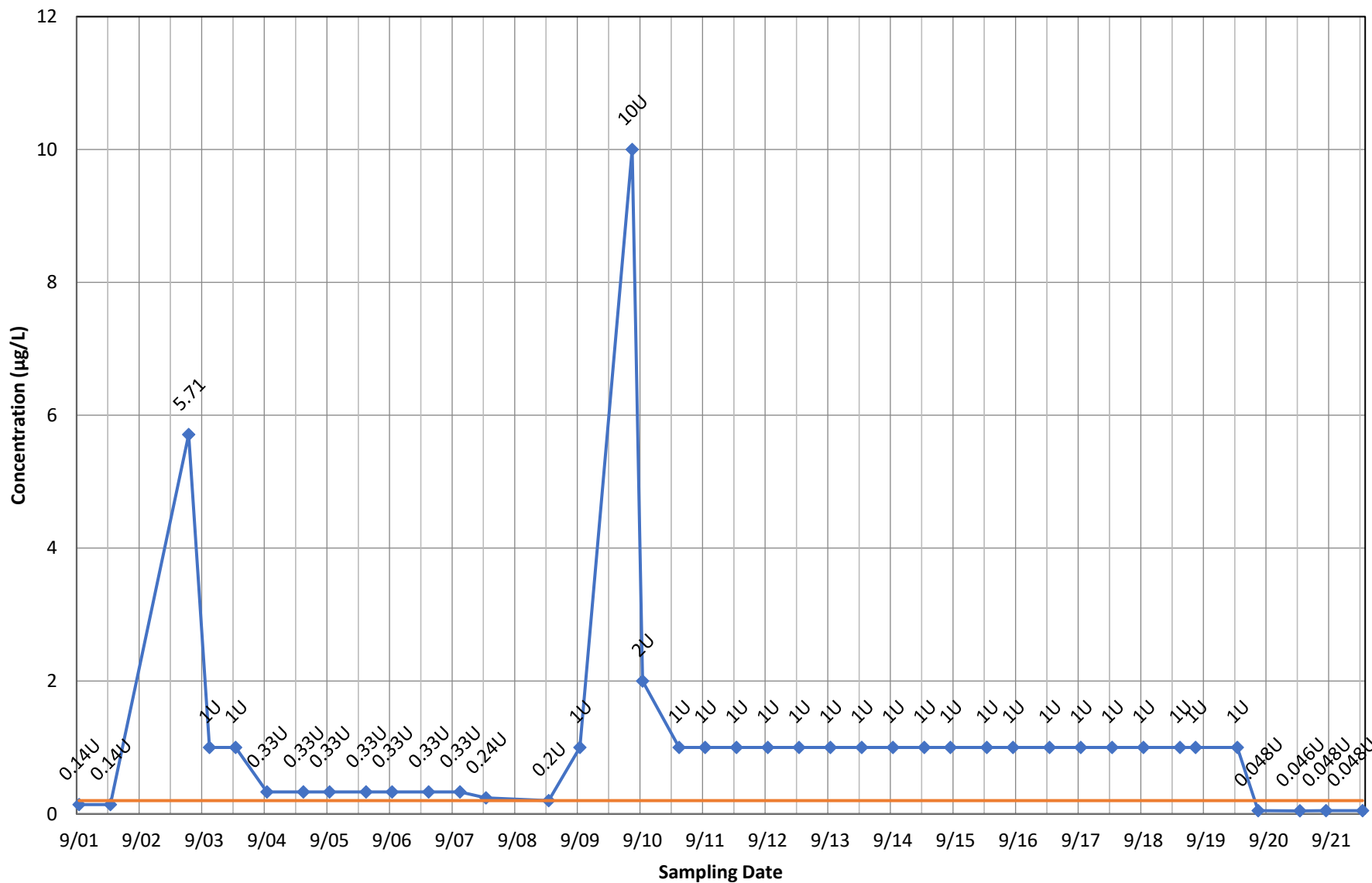


Monitoring Well OB08A - Vinyl Chloride



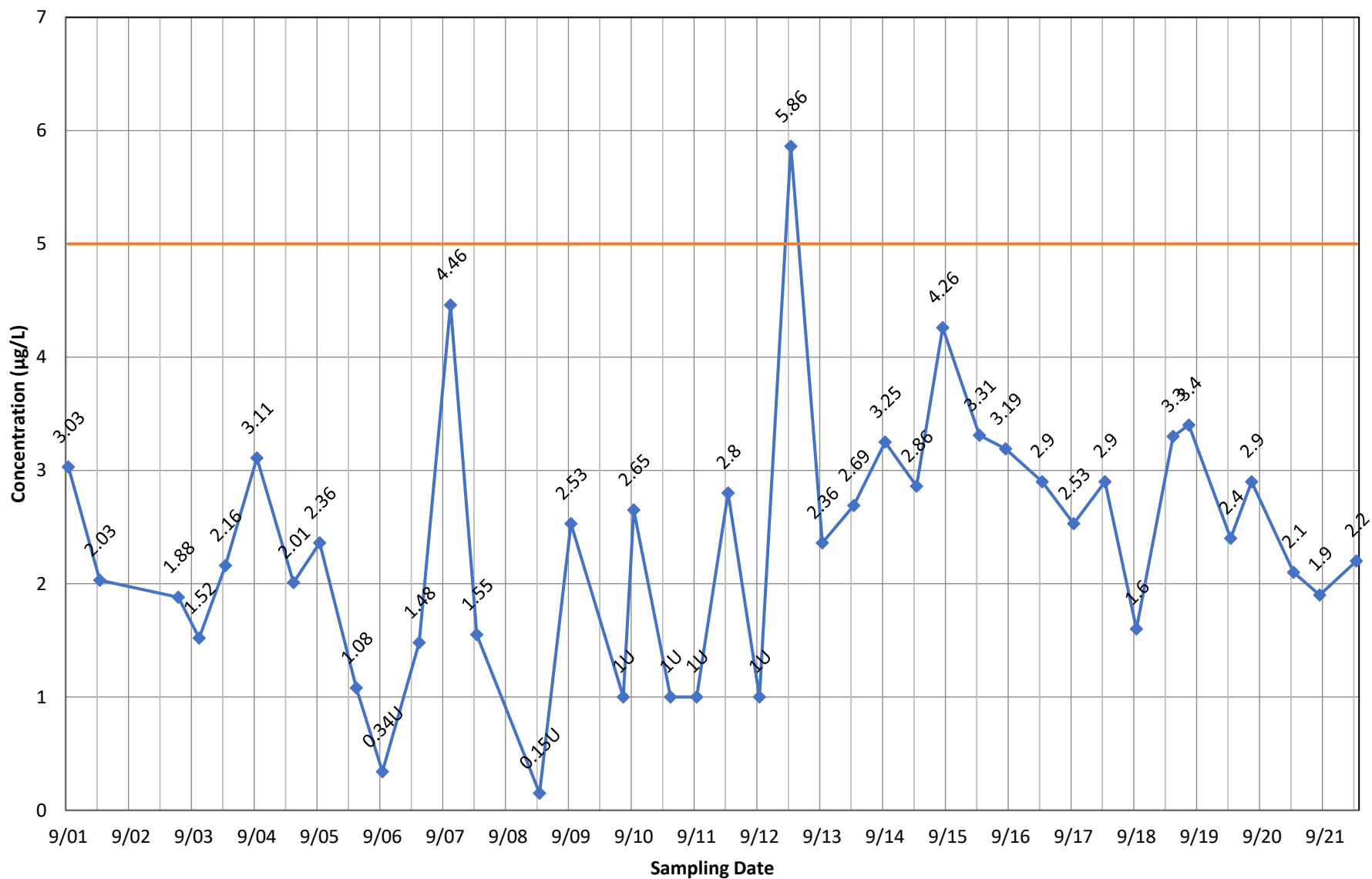
◆ Concentration — Current MCL

Monitoring Well OB10 - 1,2-Dibromo-3-chloropropane



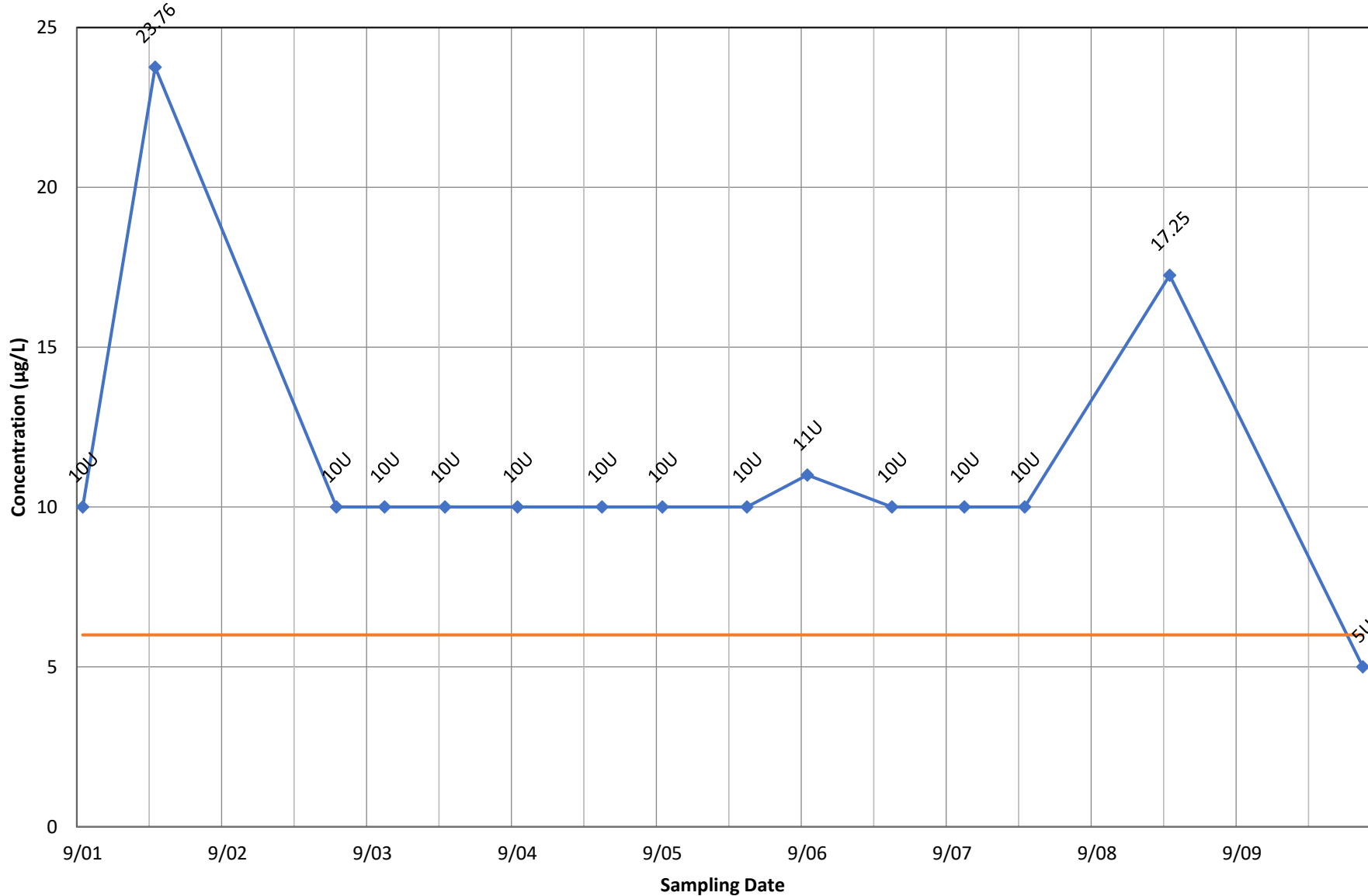
◆ Concentration — Current MCL

Monitoring Well OB10 - 1,2-Dichloropropane



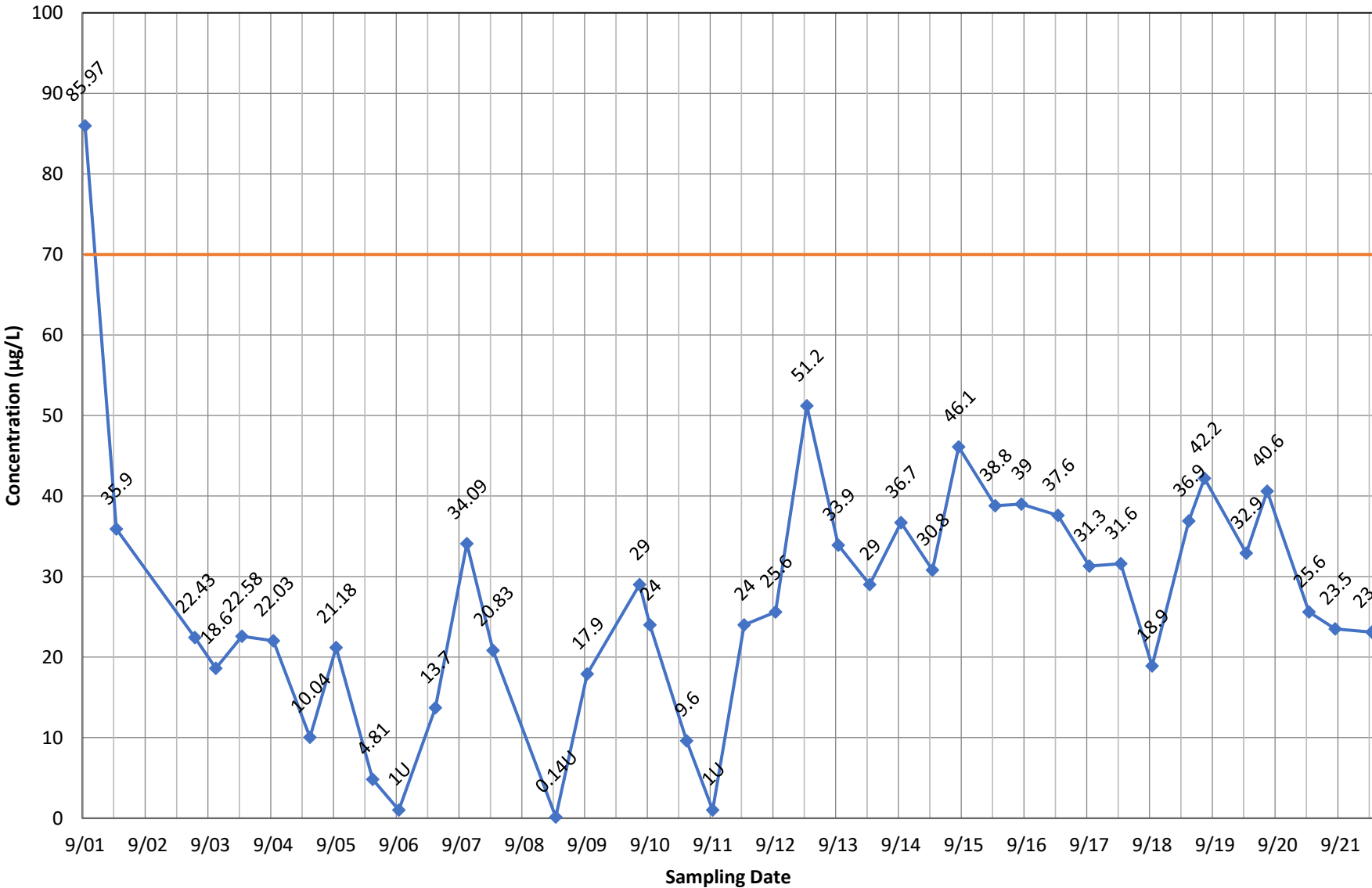
◆ Concentration — Current MCL

Monitoring Well OB10 - Bis(2-Ethylhexyl) Phthalate



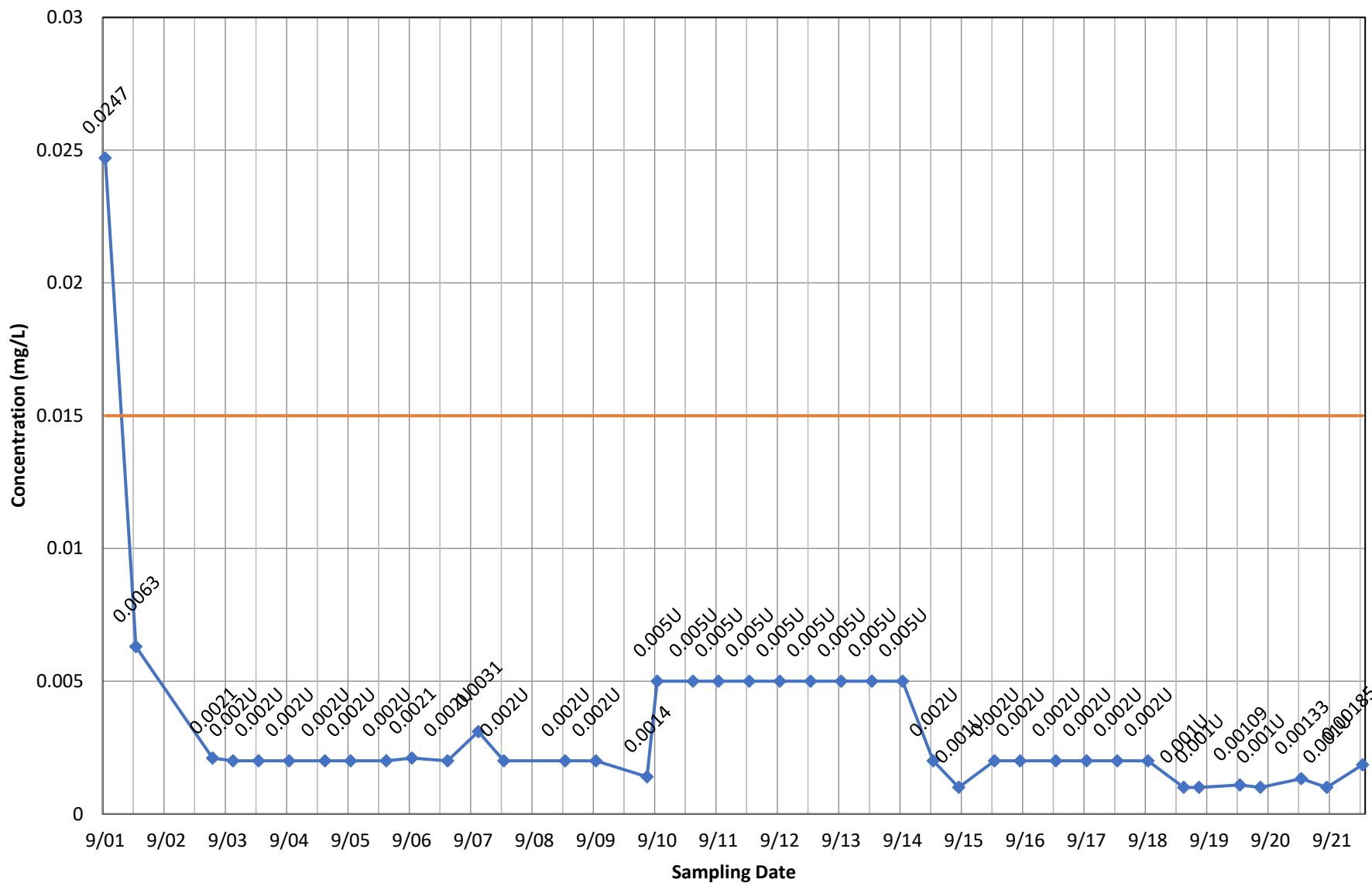
◆ Concentration — Current MCL

Monitoring Well OB10 - cis-1,2-Dichloroethene



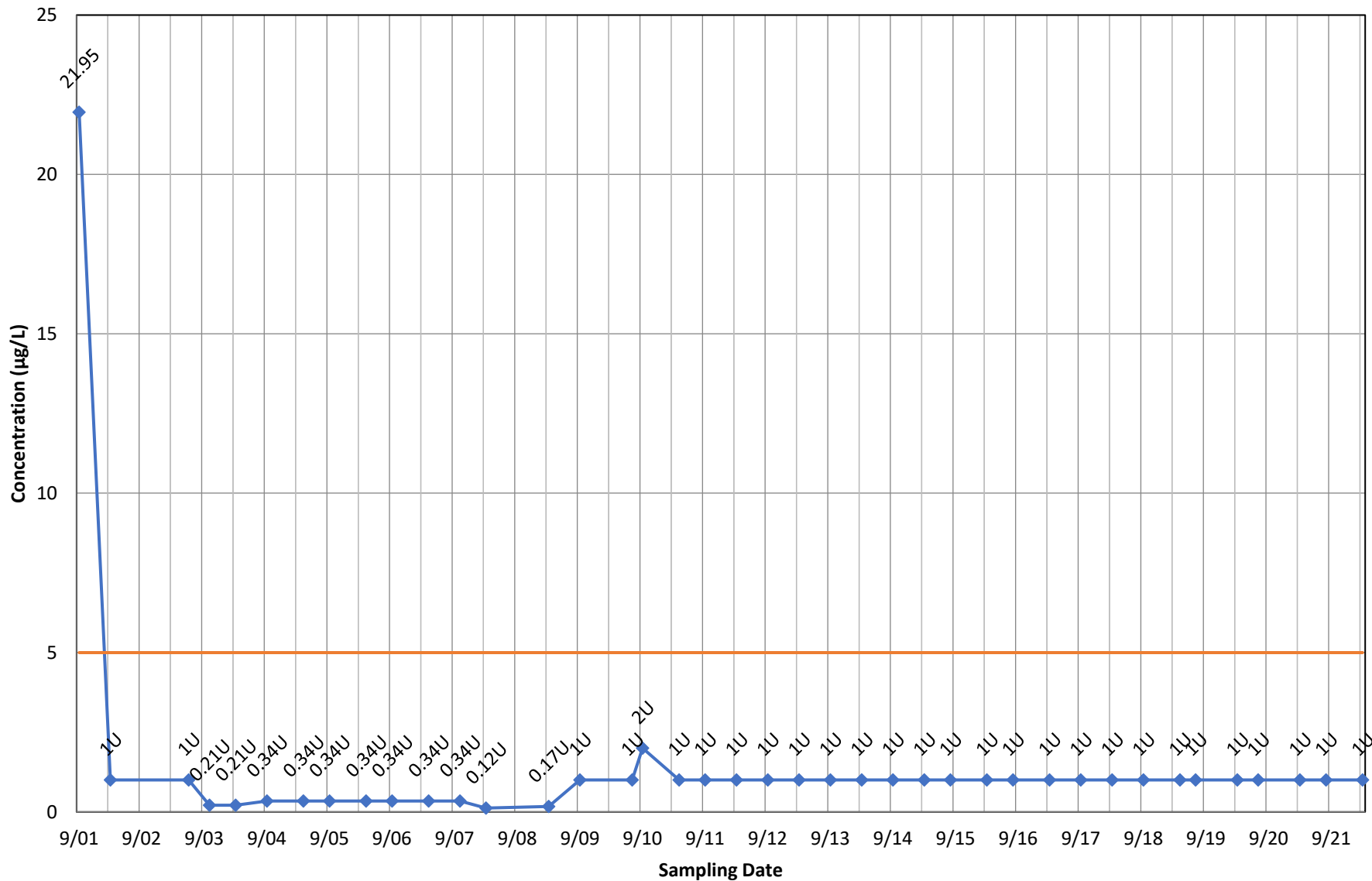
◆ Concentration — Current MCL

Monitoring Well OB10 - Lead, total



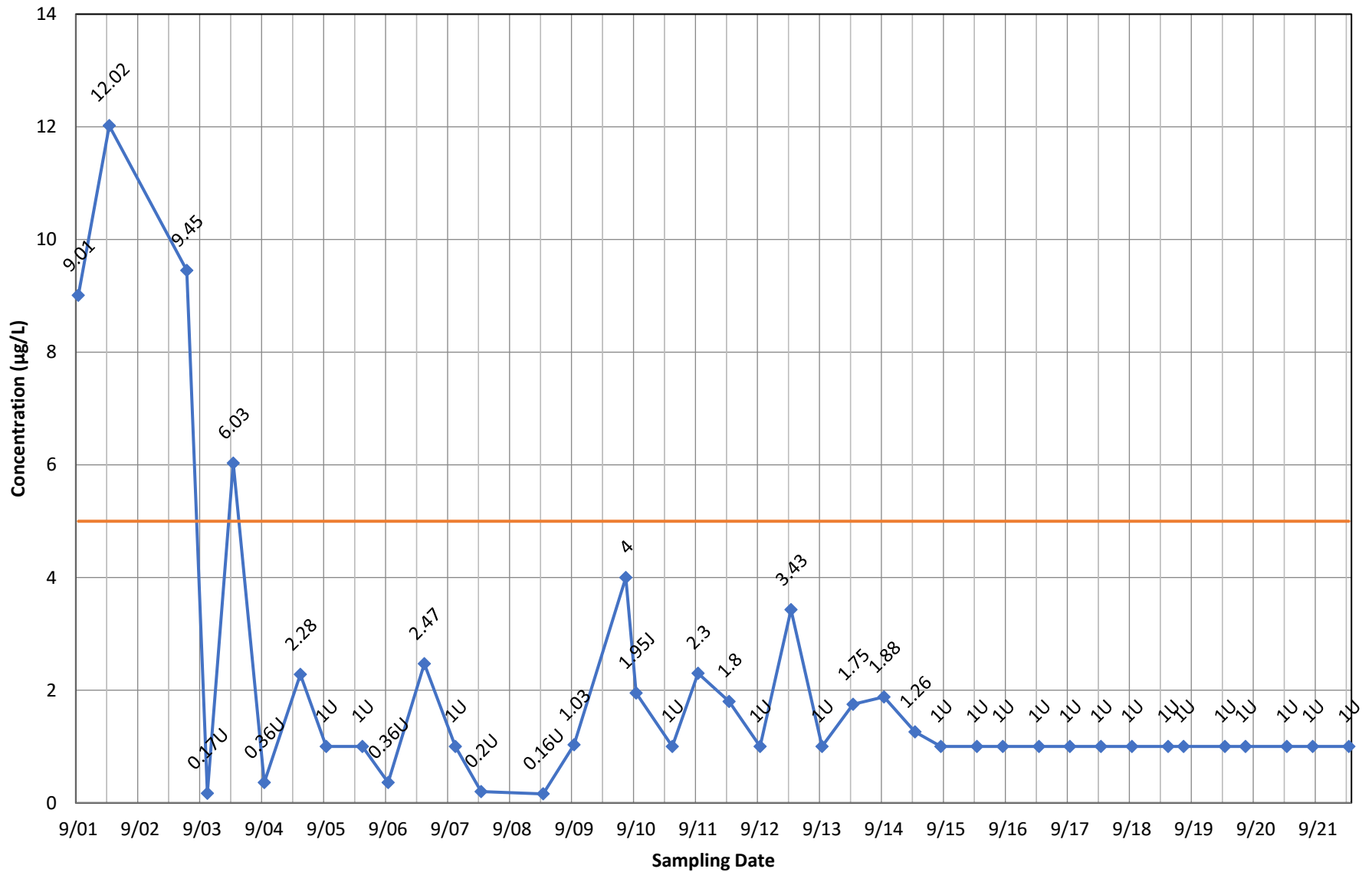
◆ Concentration — Current MCL

Monitoring Well OB10 - Methylene Chloride



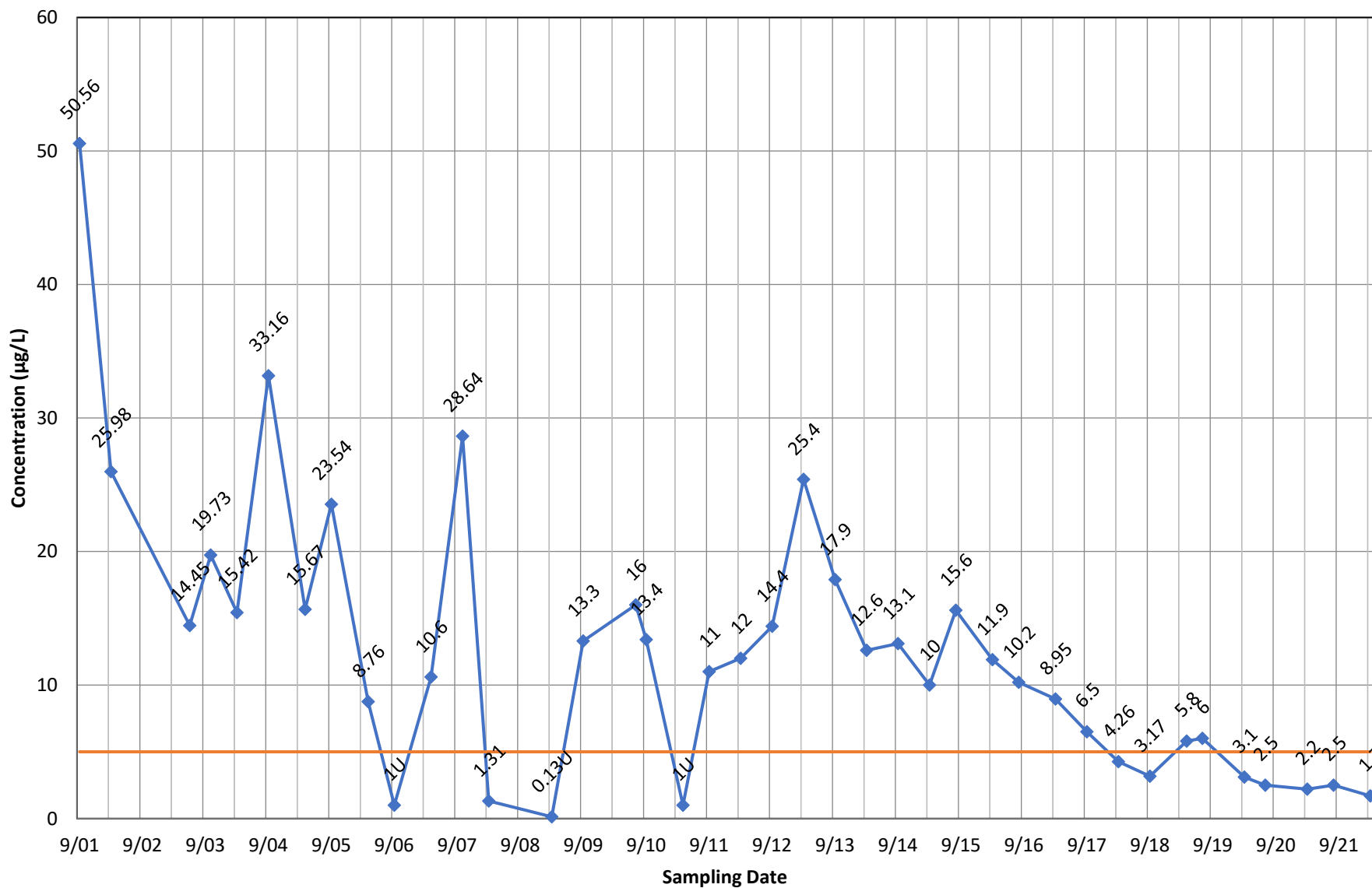
◆ Concentration — Current MCL

Monitoring Well OB10 - Tetrachloroethene



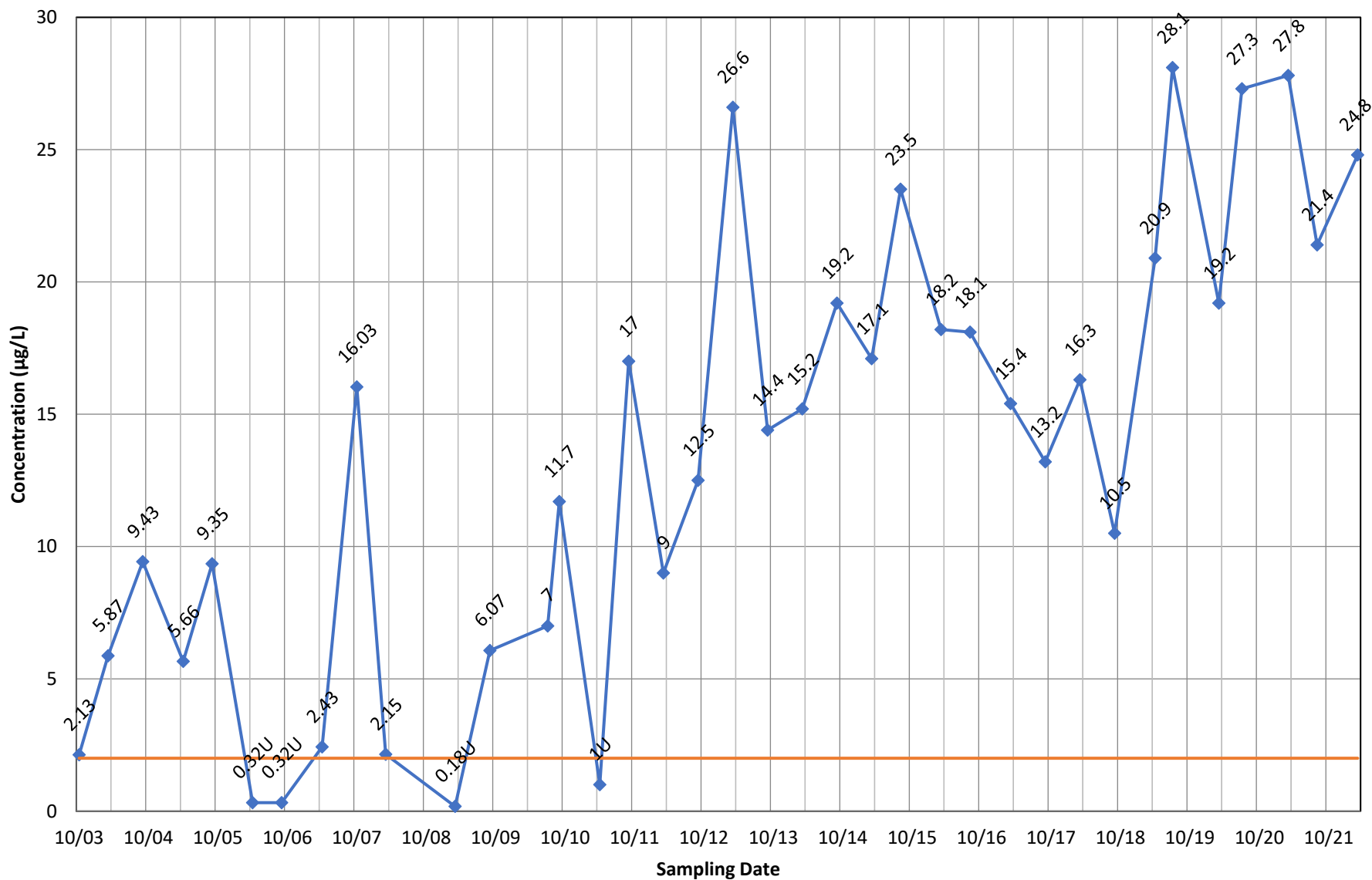
◆ Concentration — Current MCL

Monitoring Well OB10 - Trichloroethene



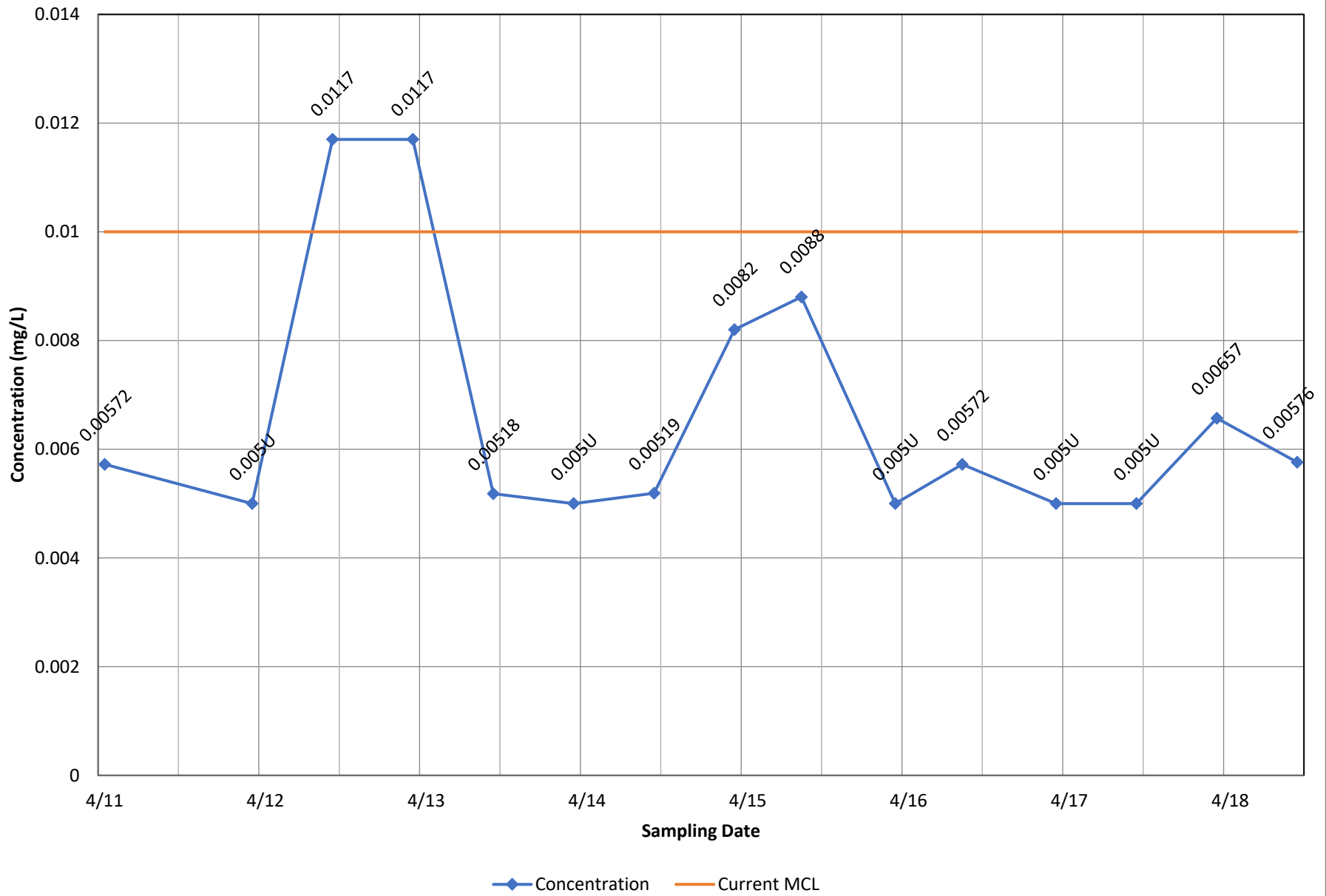
◆ Concentration — Current MCL

Monitoring Well OB10 - Vinyl Chloride

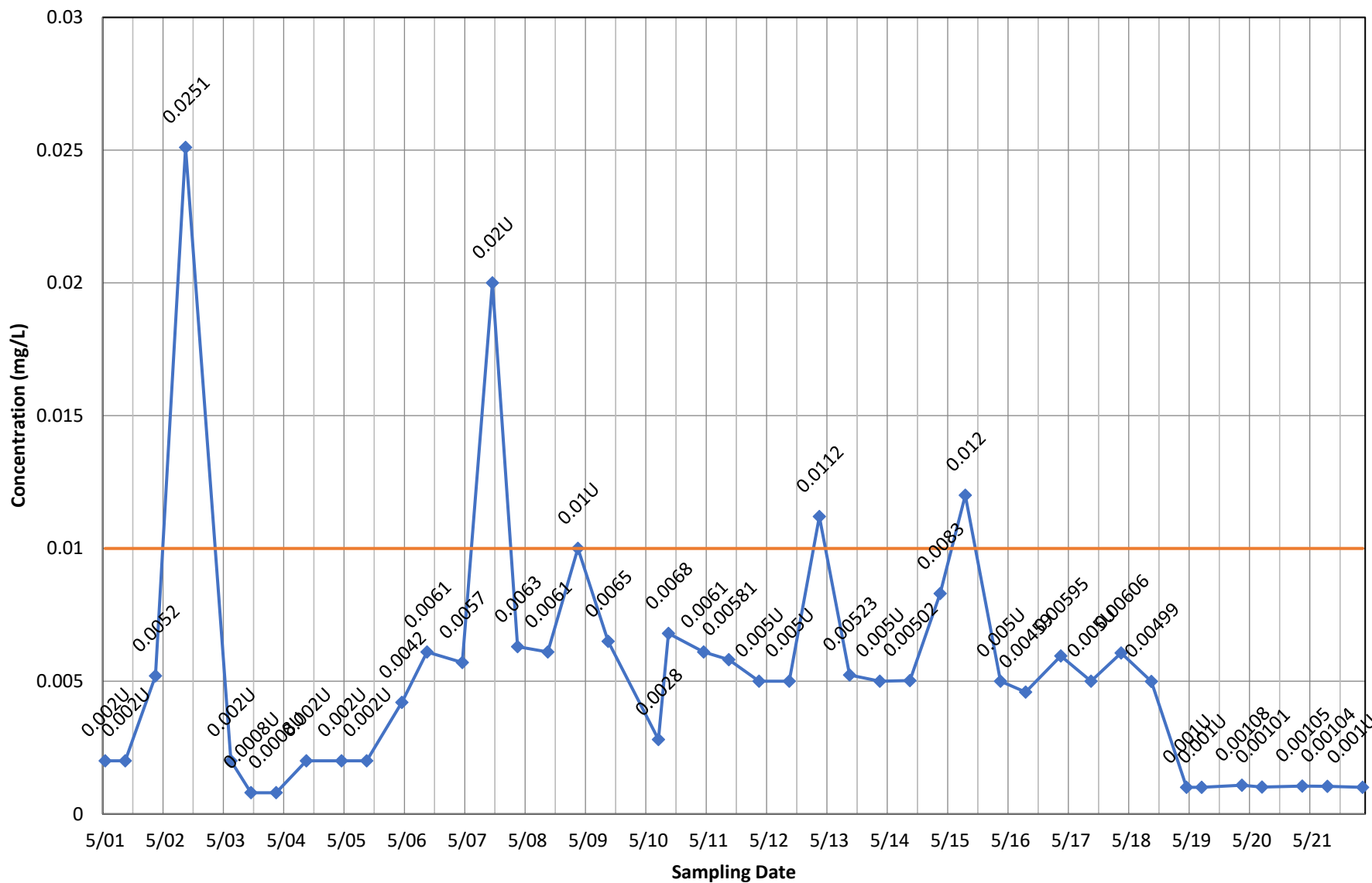


◆ Concentration — Current MCL

Monitoring Well OB102 - Arsenic, dissolved

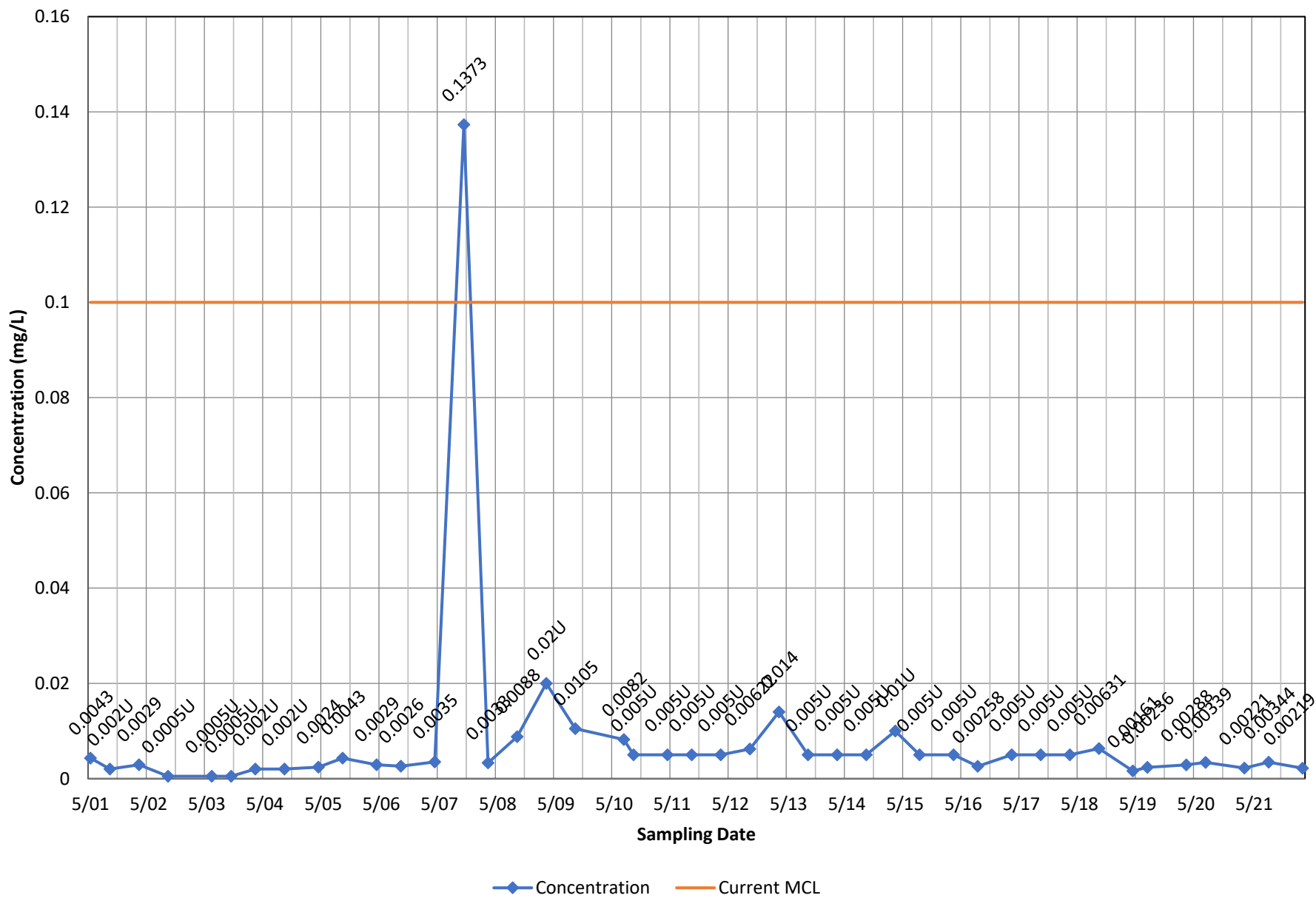


Monitoring Well OB102 - Arsenic, total

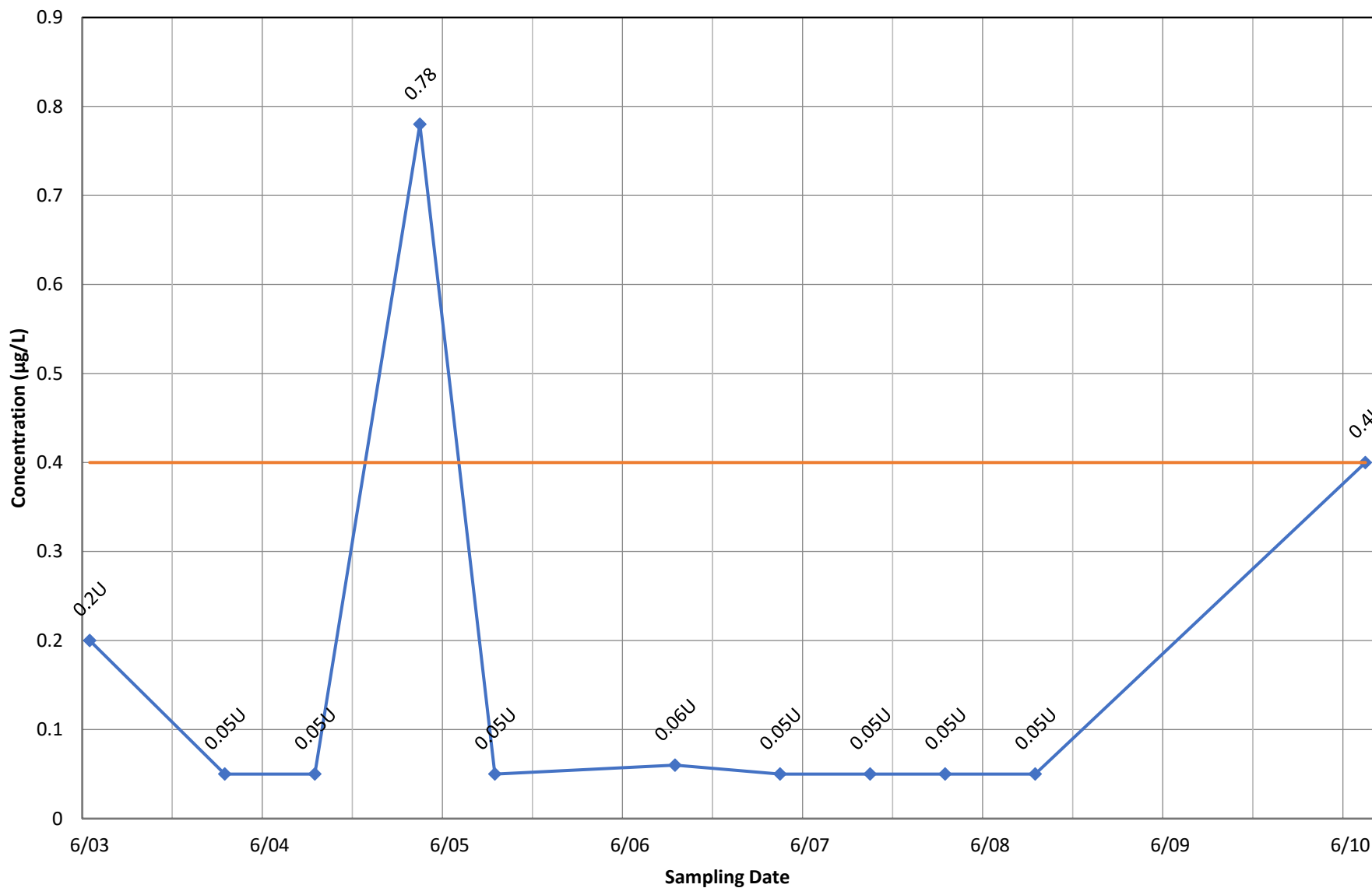


◆ Concentration — Current MCL

Monitoring Well OB102 - Chromium, total

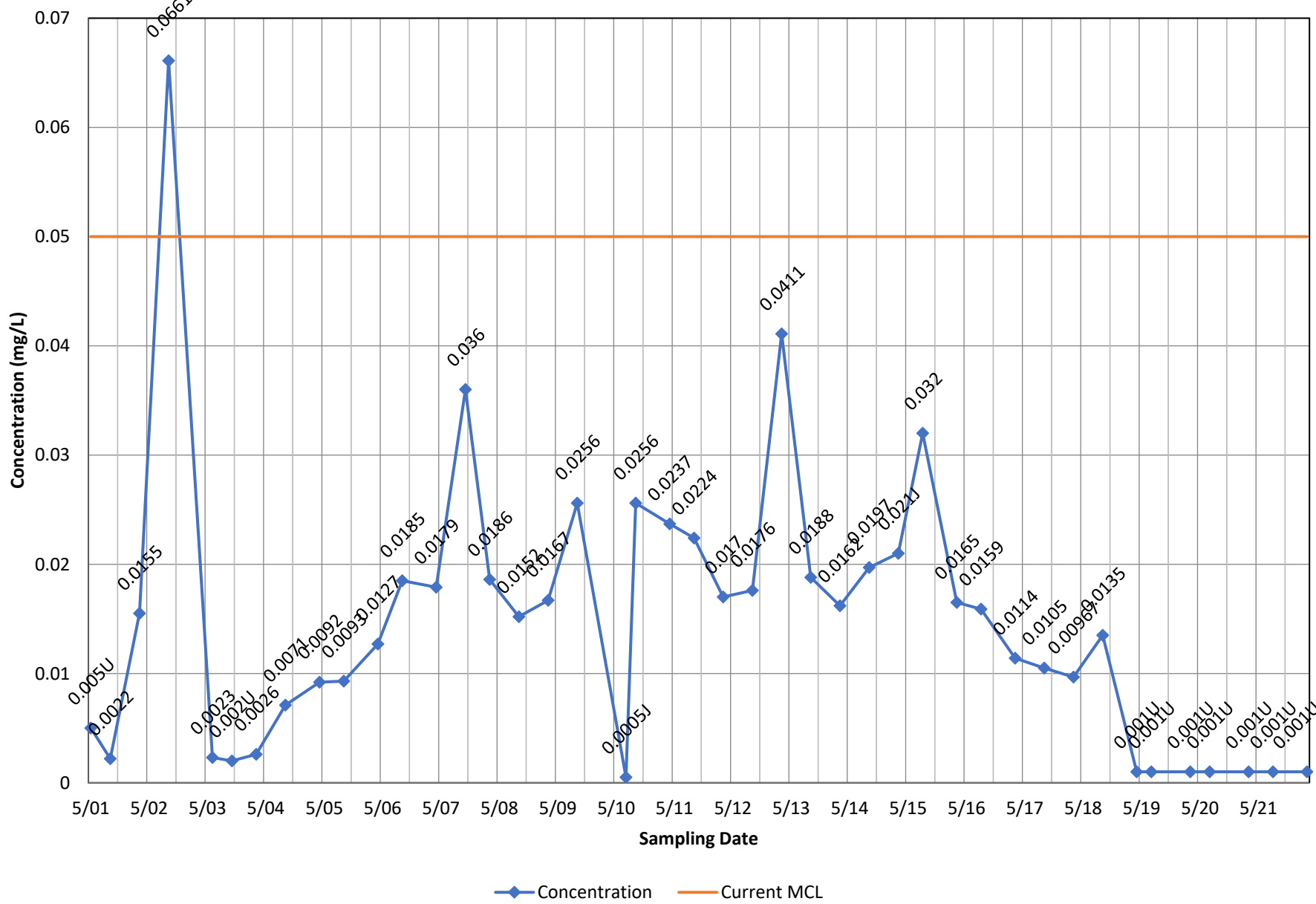


Monitoring Well OB102 - Heptachlor

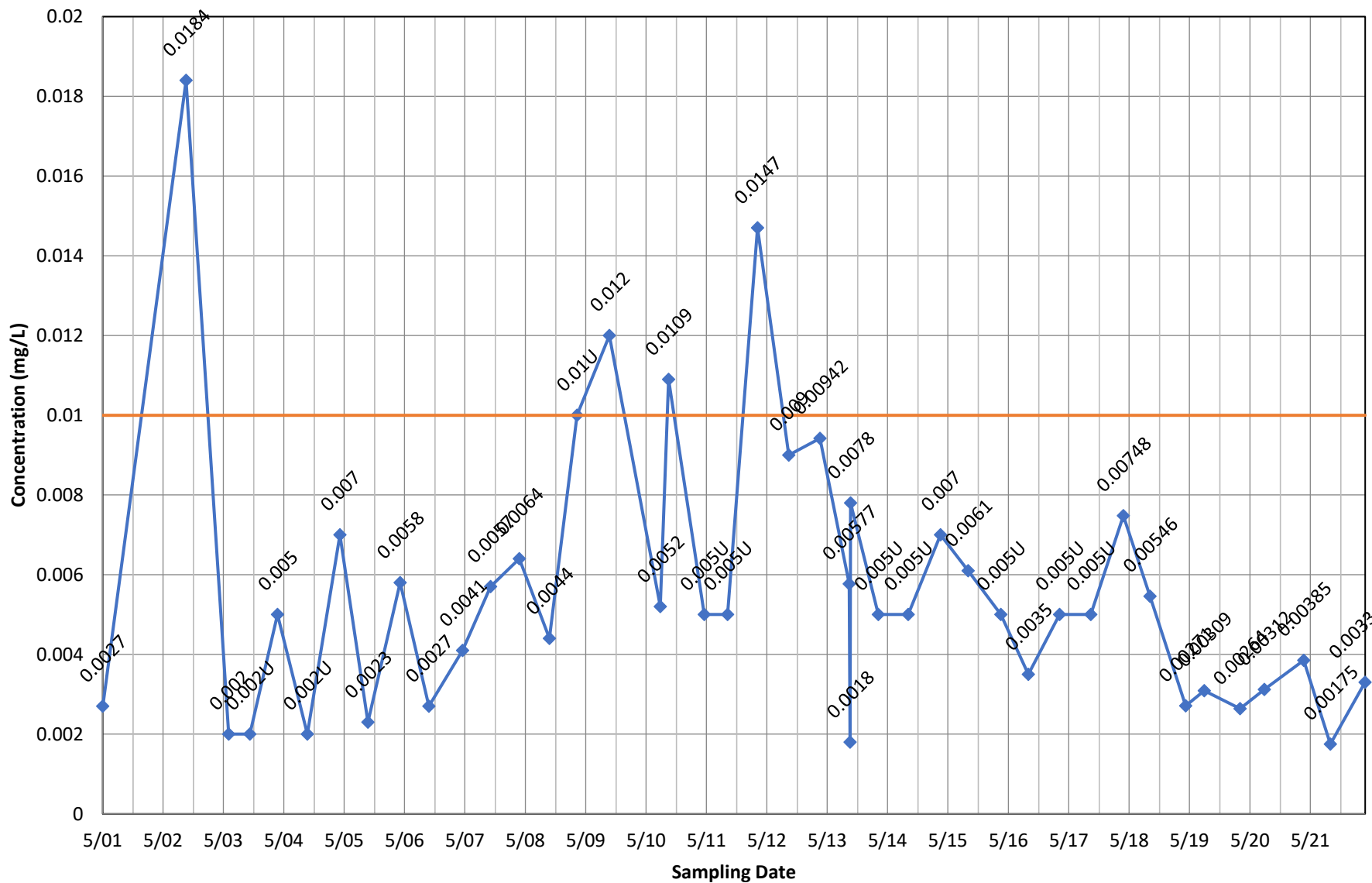


◆ Concentration — Current MCL

Monitoring Well OB102 - Selenium, total

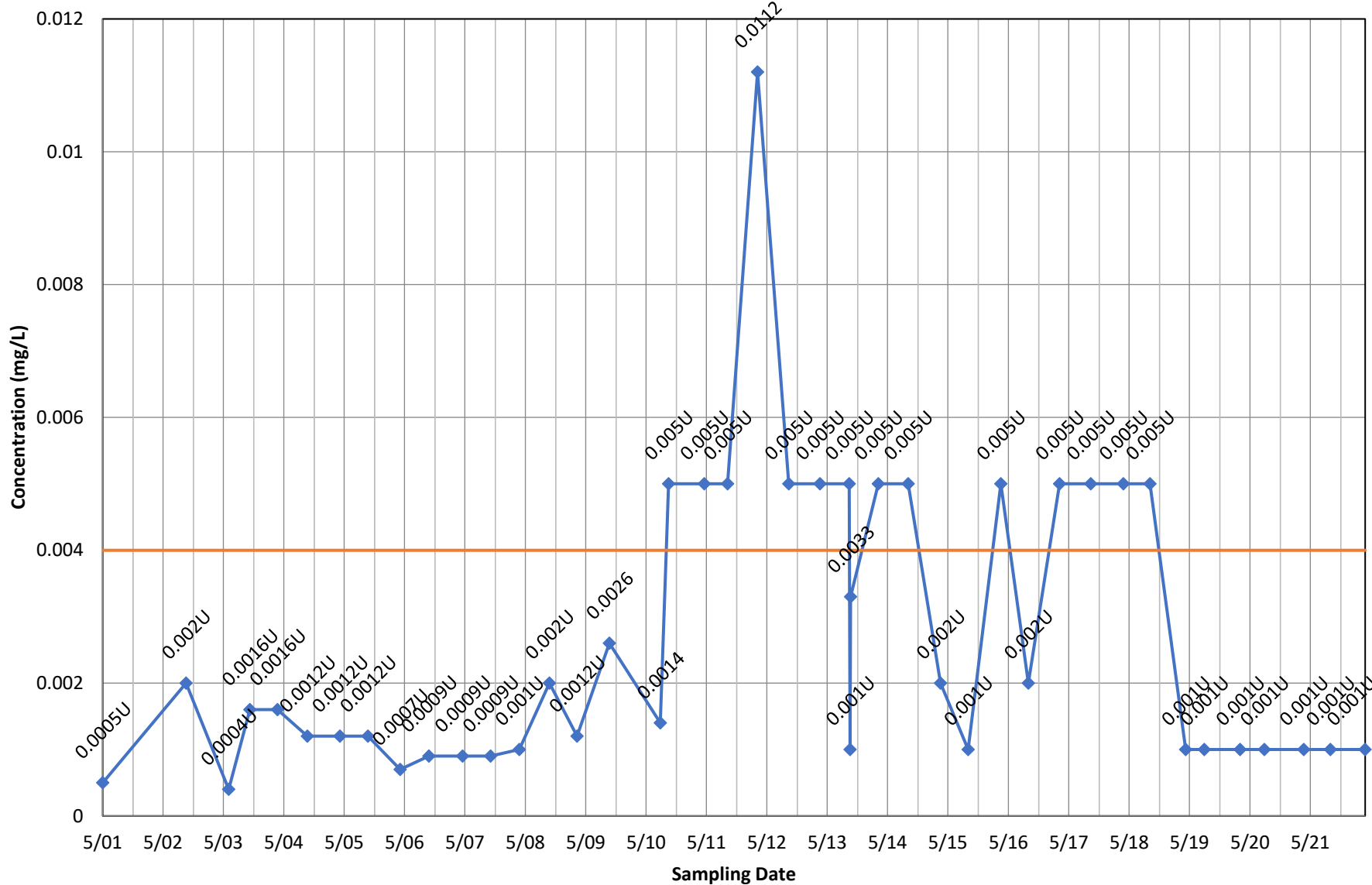


Monitoring Well OB105 - Arsenic, total



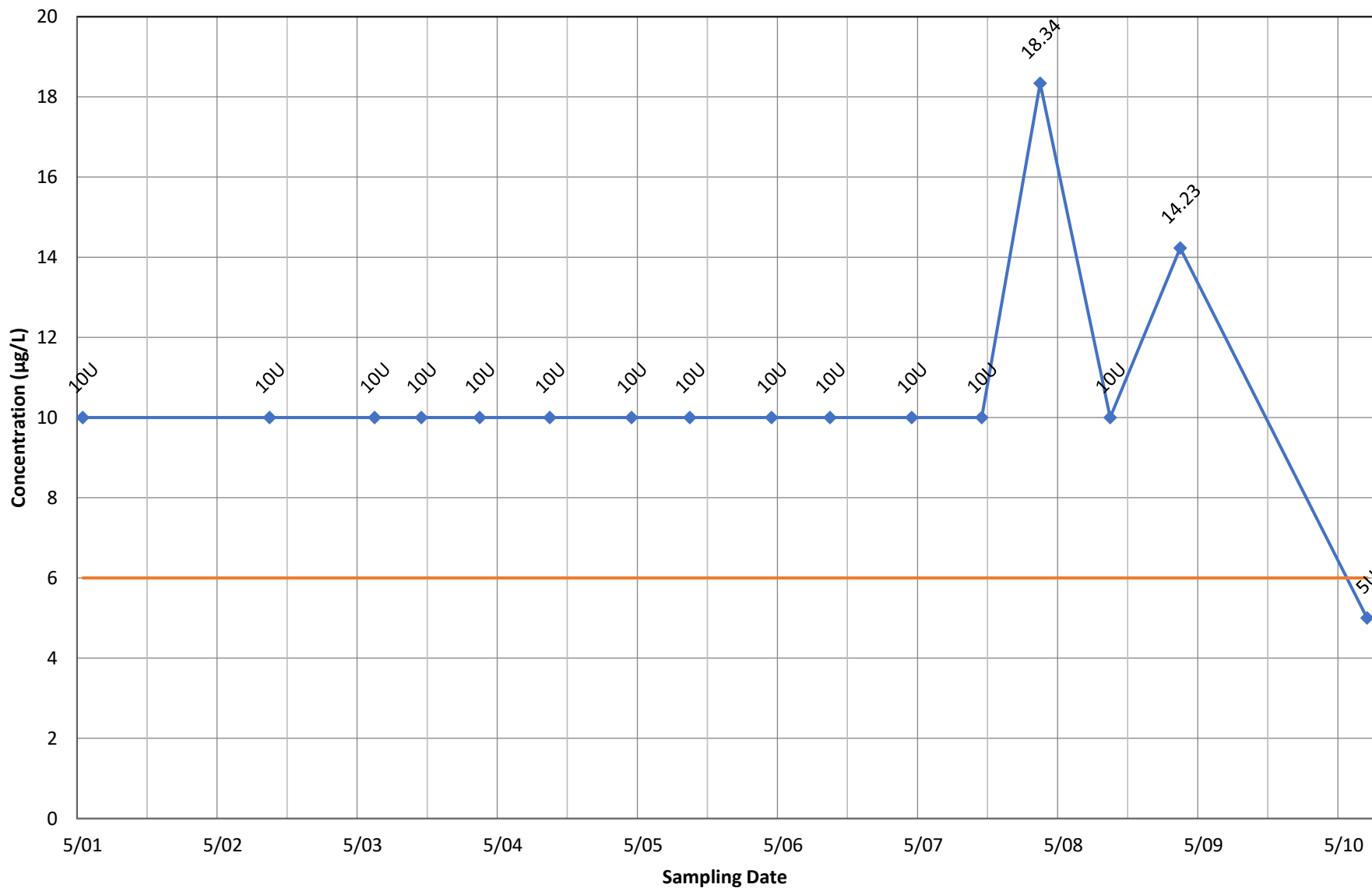
◆ Concentration — Current MCL

Monitoring Well OB105 - Beryllium, total



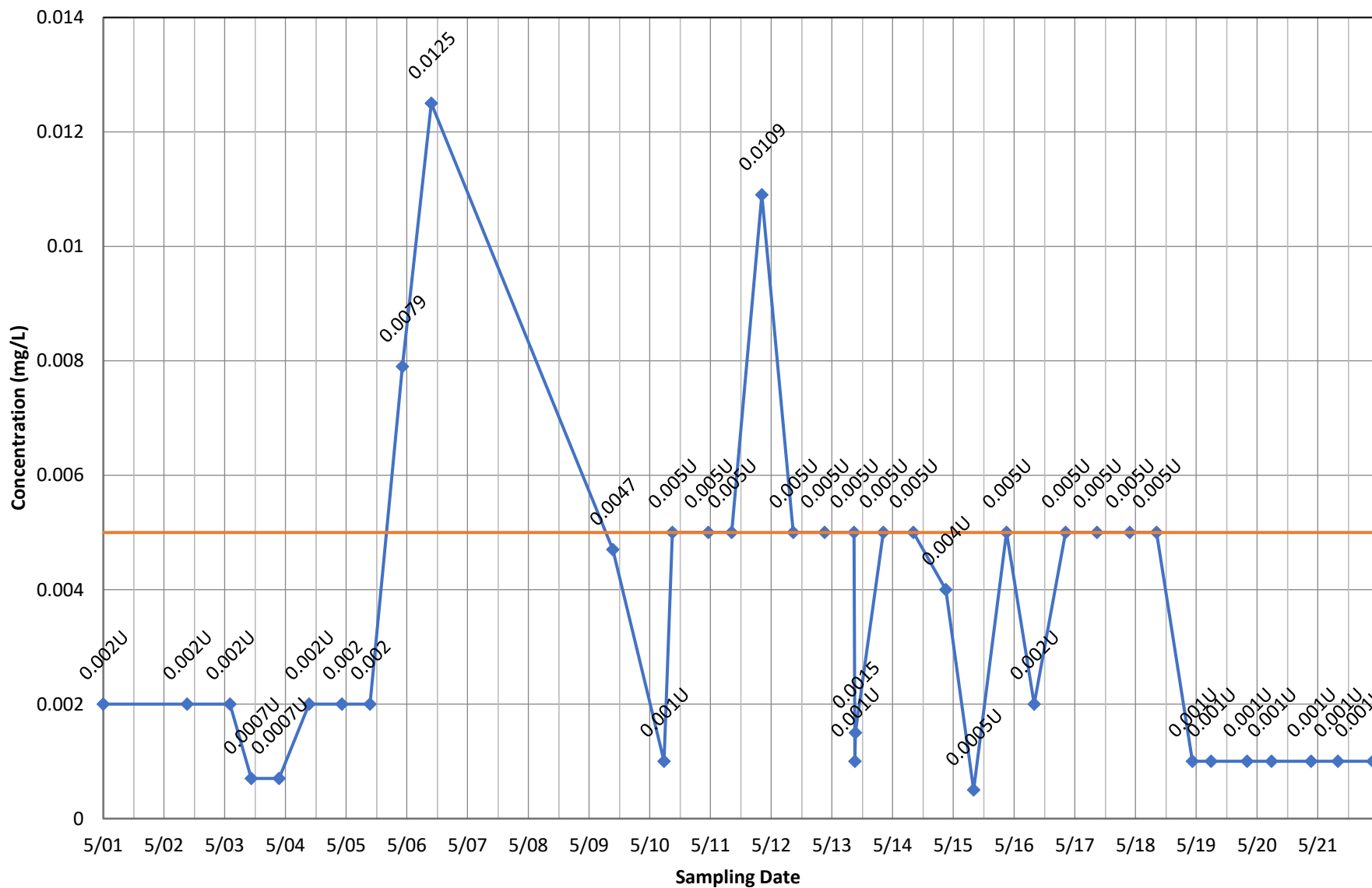
◆ Concentration — Current MCL

Monitoring Well OB105 - Bis(2-Ethylhexyl) Phthalate



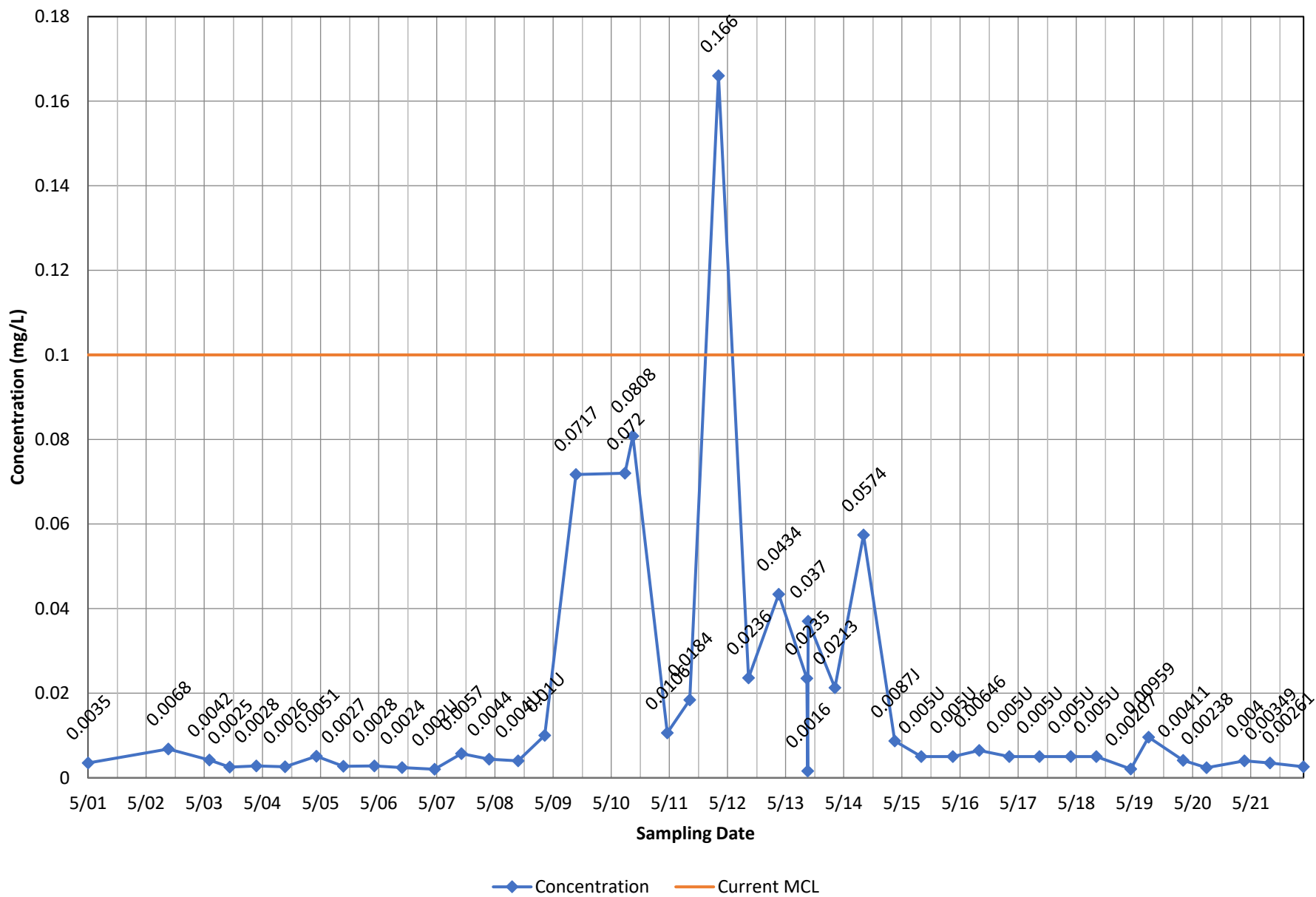
◆ Concentration — Current MCL

Monitoring Well OB105 - Cadmium, total

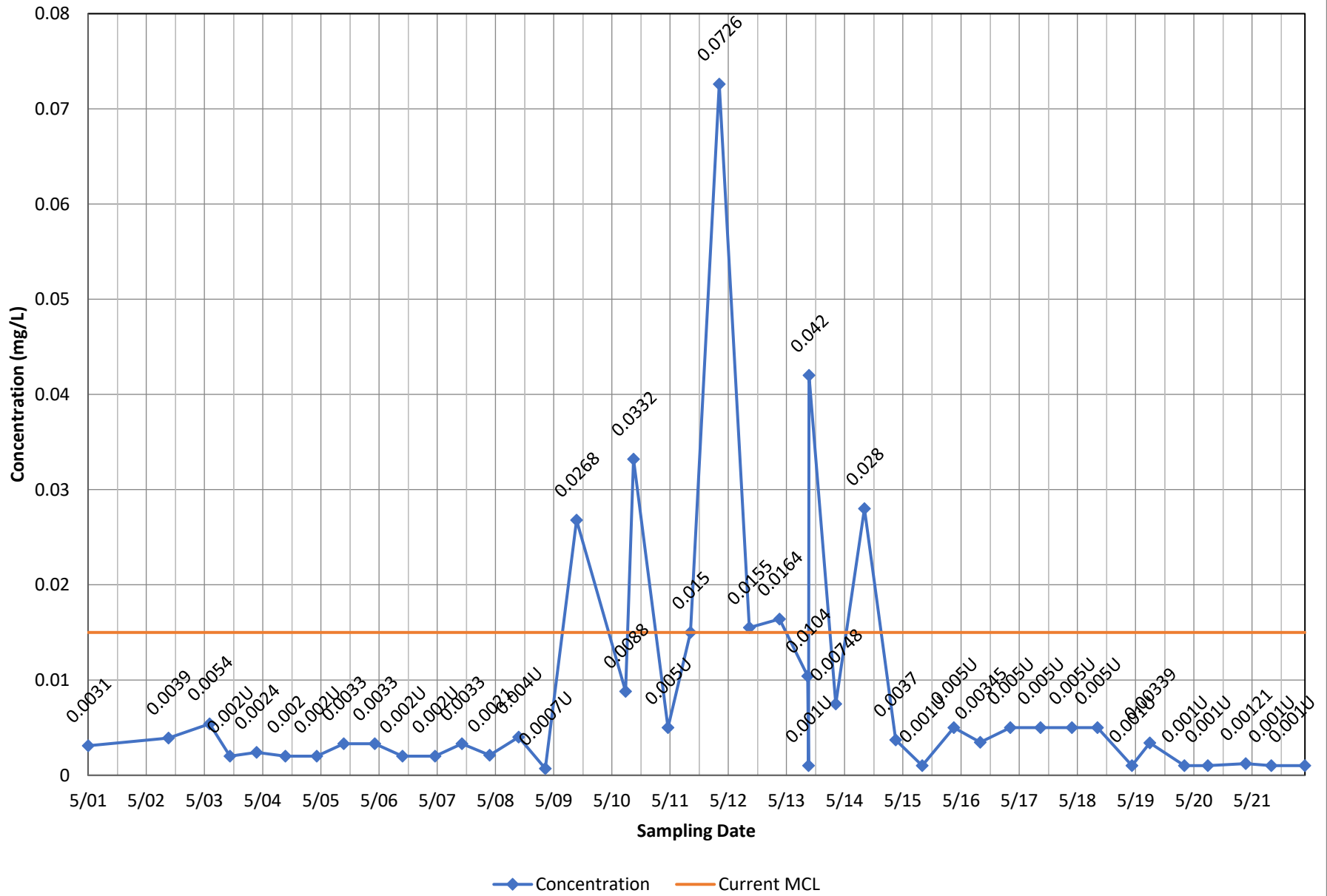


◆ Concentration — Current MCL

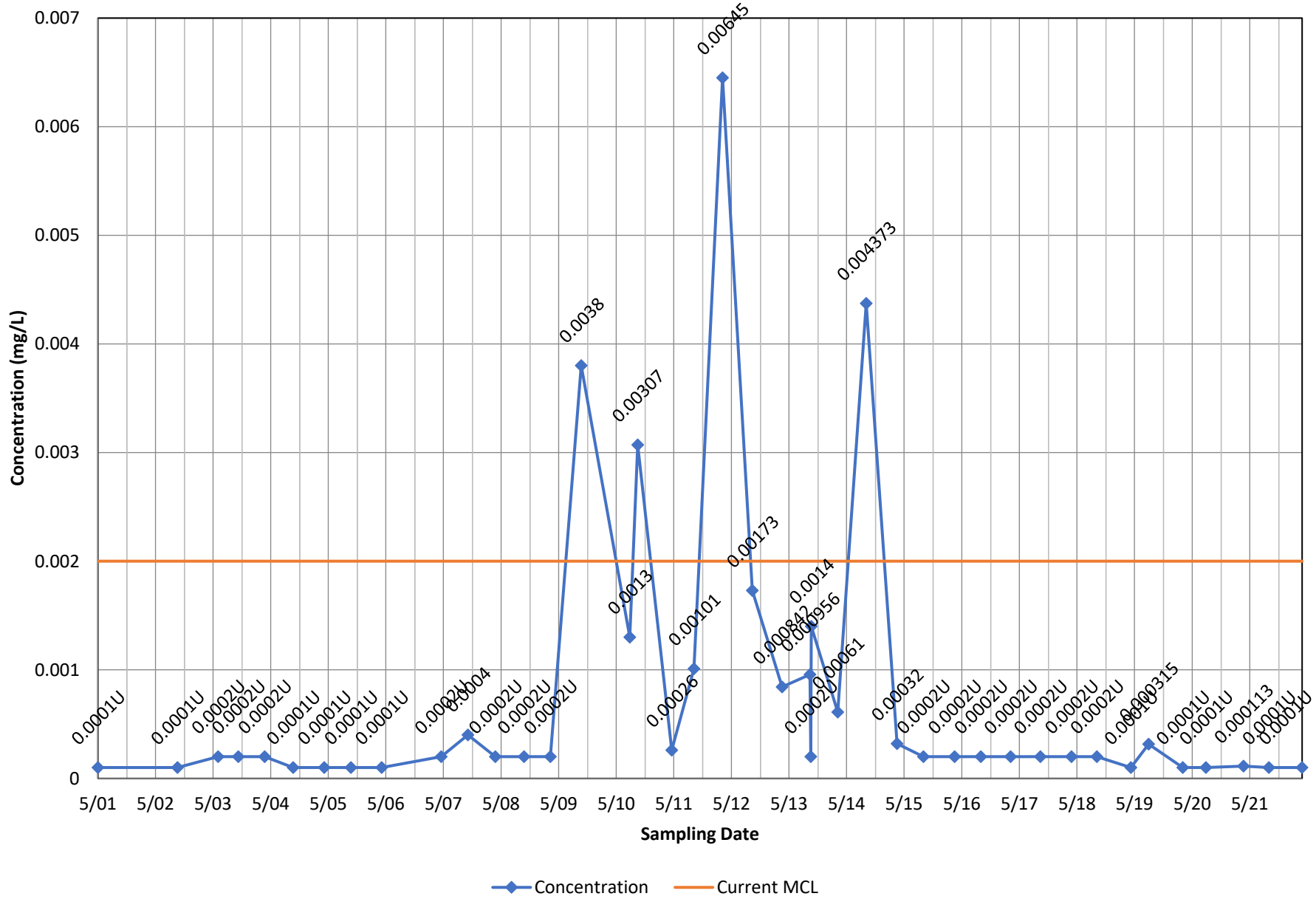
Monitoring Well OB105 - Chromium, total



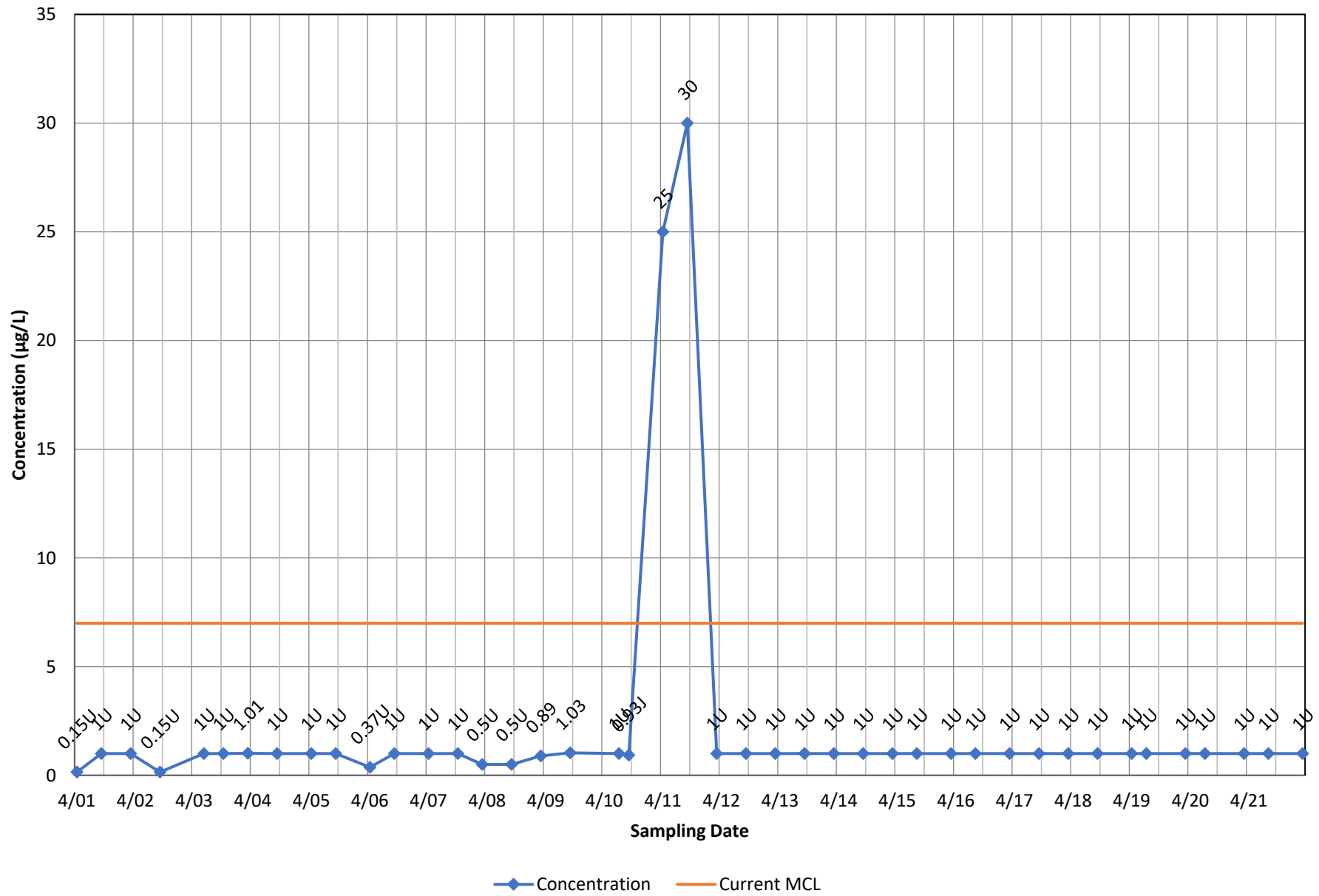
Monitoring Well OB105 - Lead, total



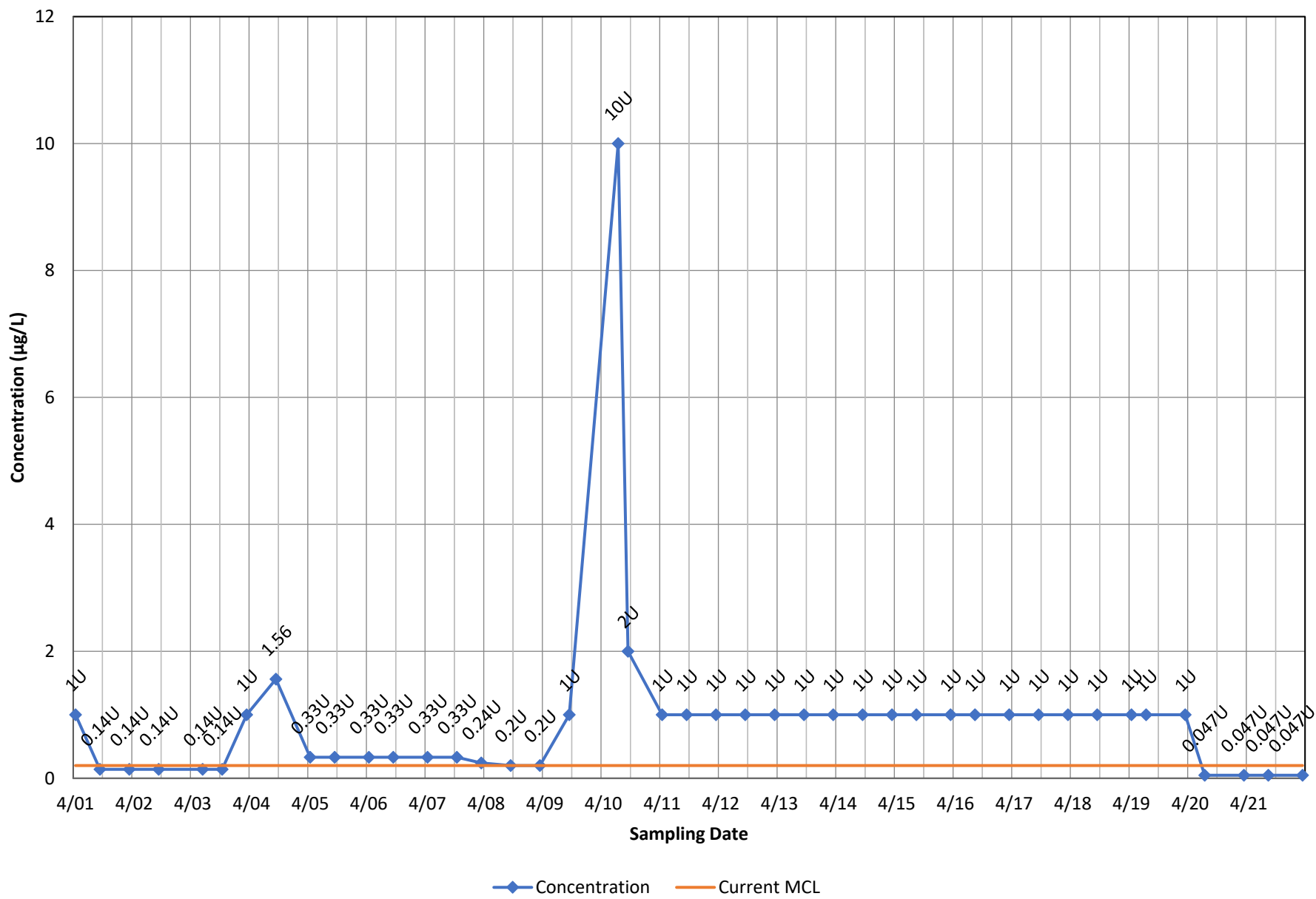
Monitoring Well OB105 - Mercury, total



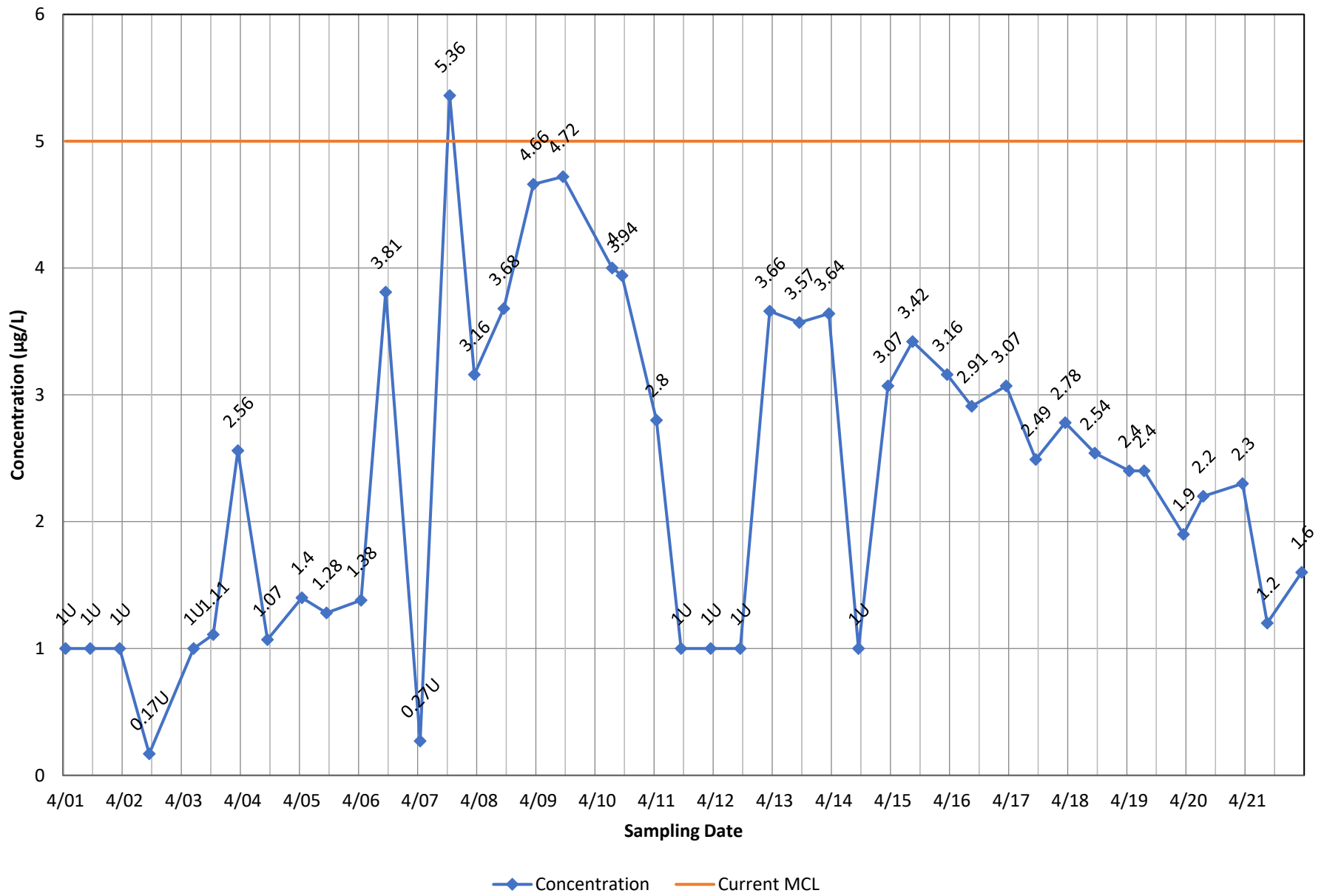
Monitoring Well OB11 - 1,1-Dichloroethene



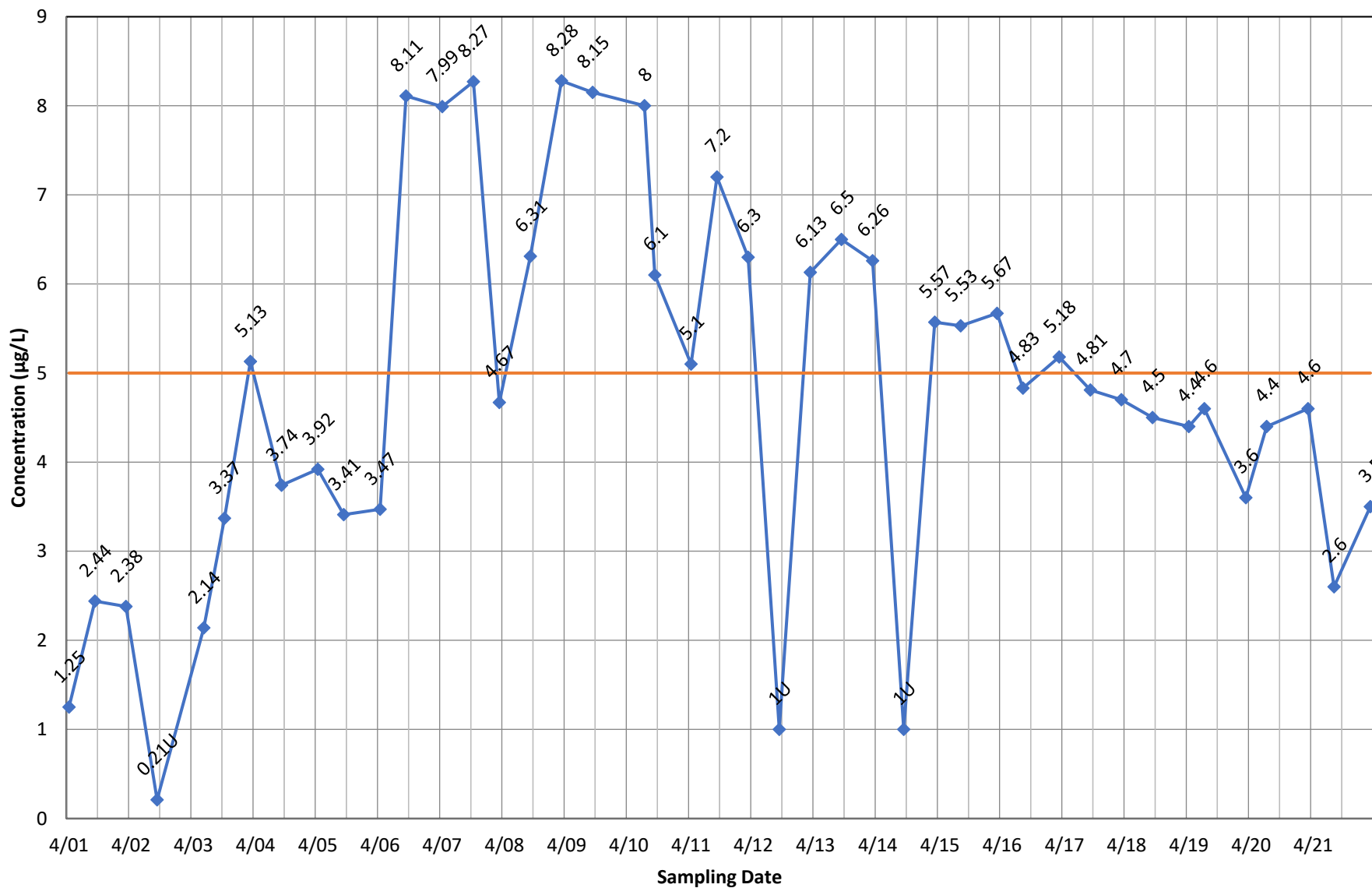
Monitoring Well OB11 - 1,2-Dibromo-3-chloropropane



Monitoring Well OB11 - 1,2-Dichloroethane

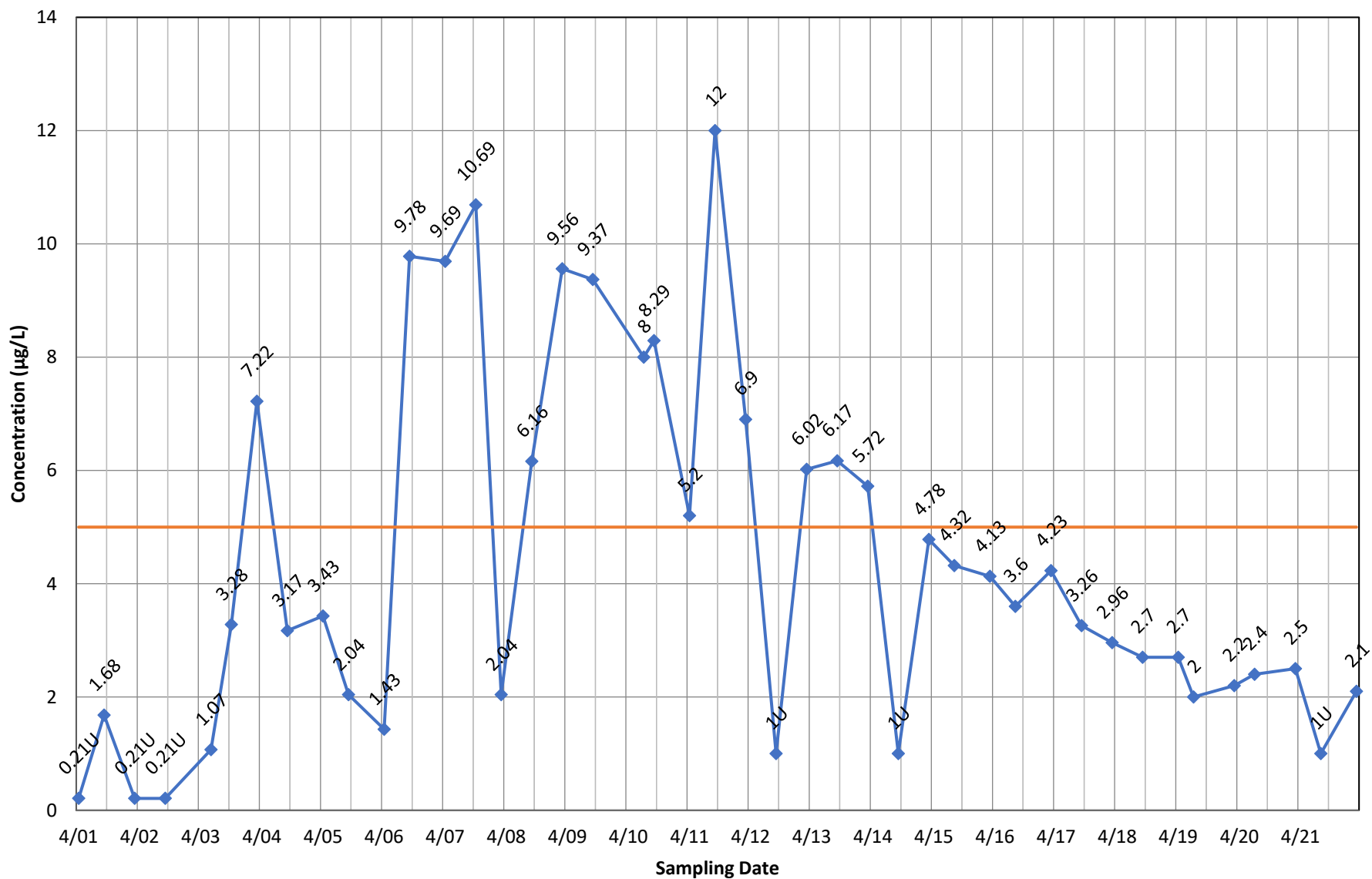


Monitoring Well OB11 - 1,2-Dichloropropane



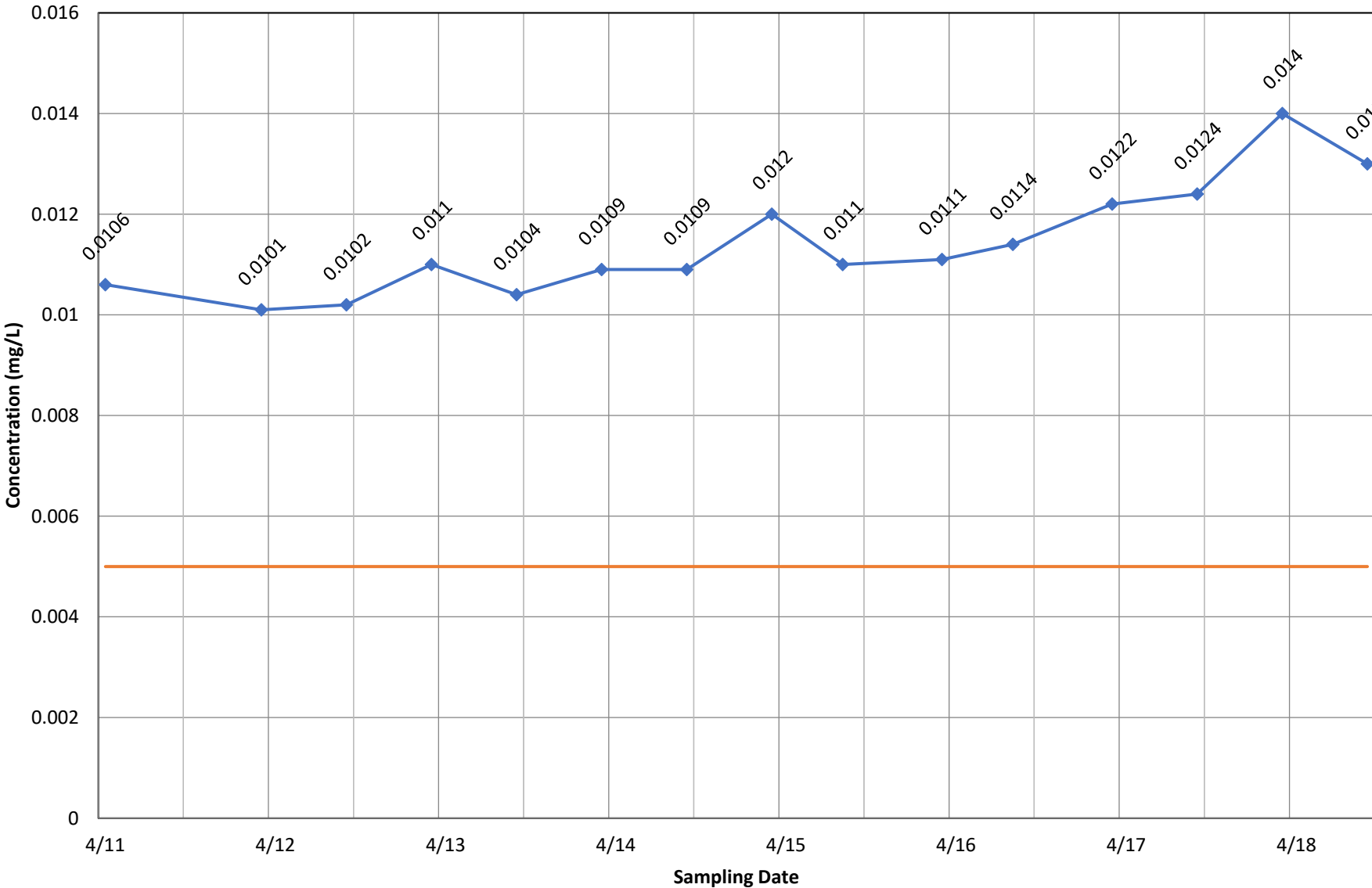
◆ Concentration — Current MCL

Monitoring Well OB11 - Benzene



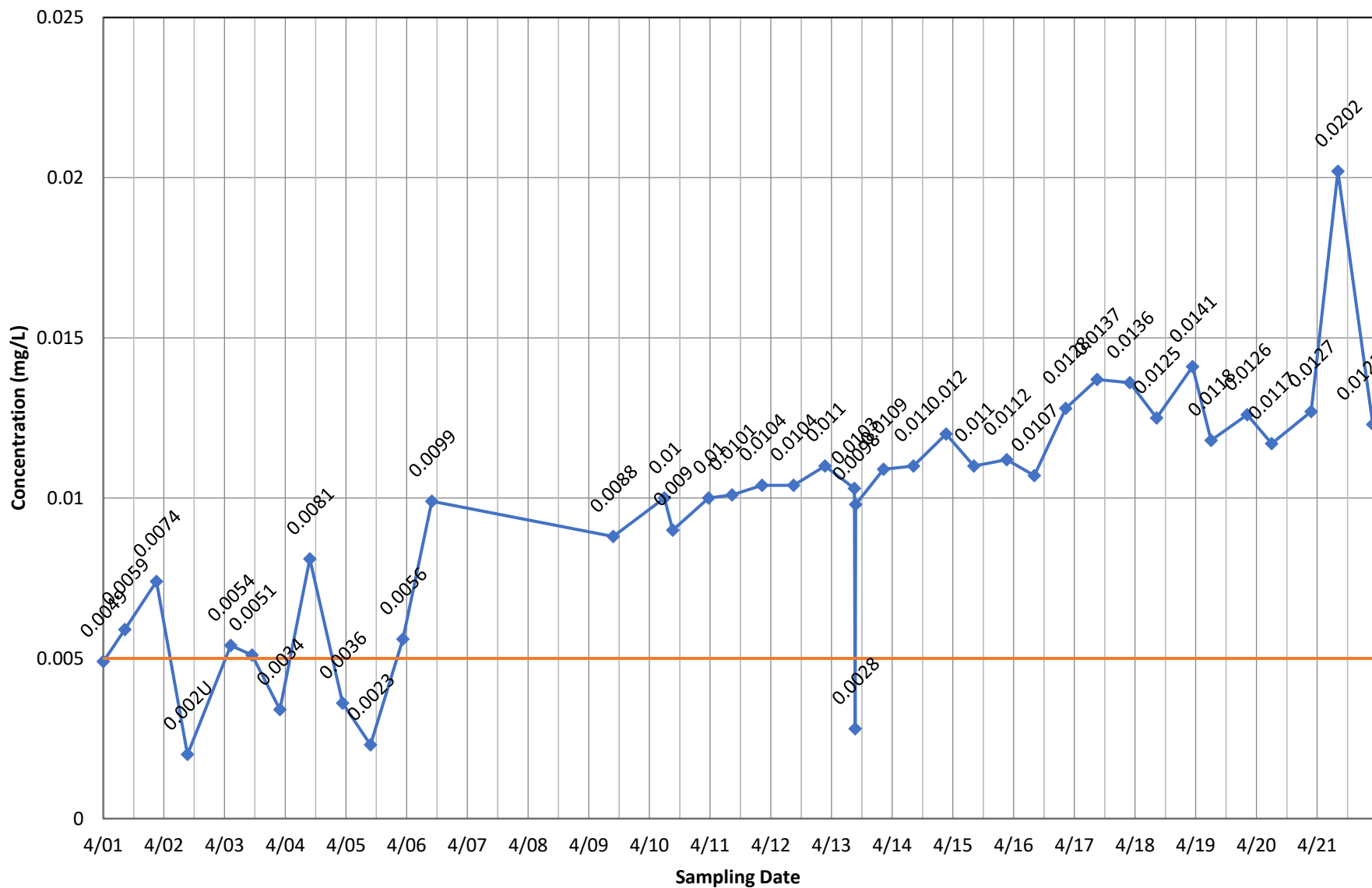
◆ Concentration — Current MCL

Monitoring Well OB11 - Cadmium, dissolved



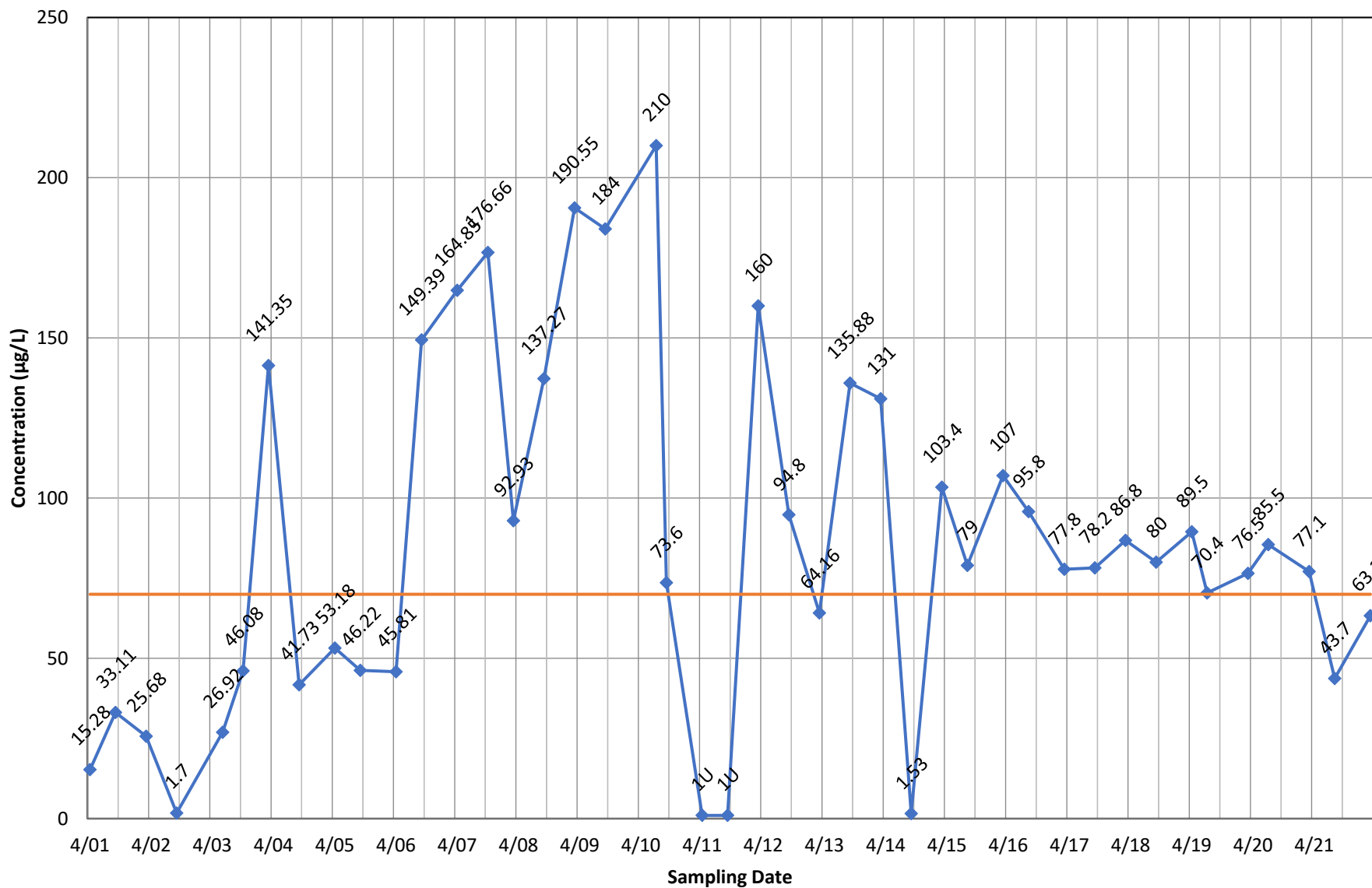
◆ Concentration — Current MCL

Monitoring Well OB11 - Cadmium, total



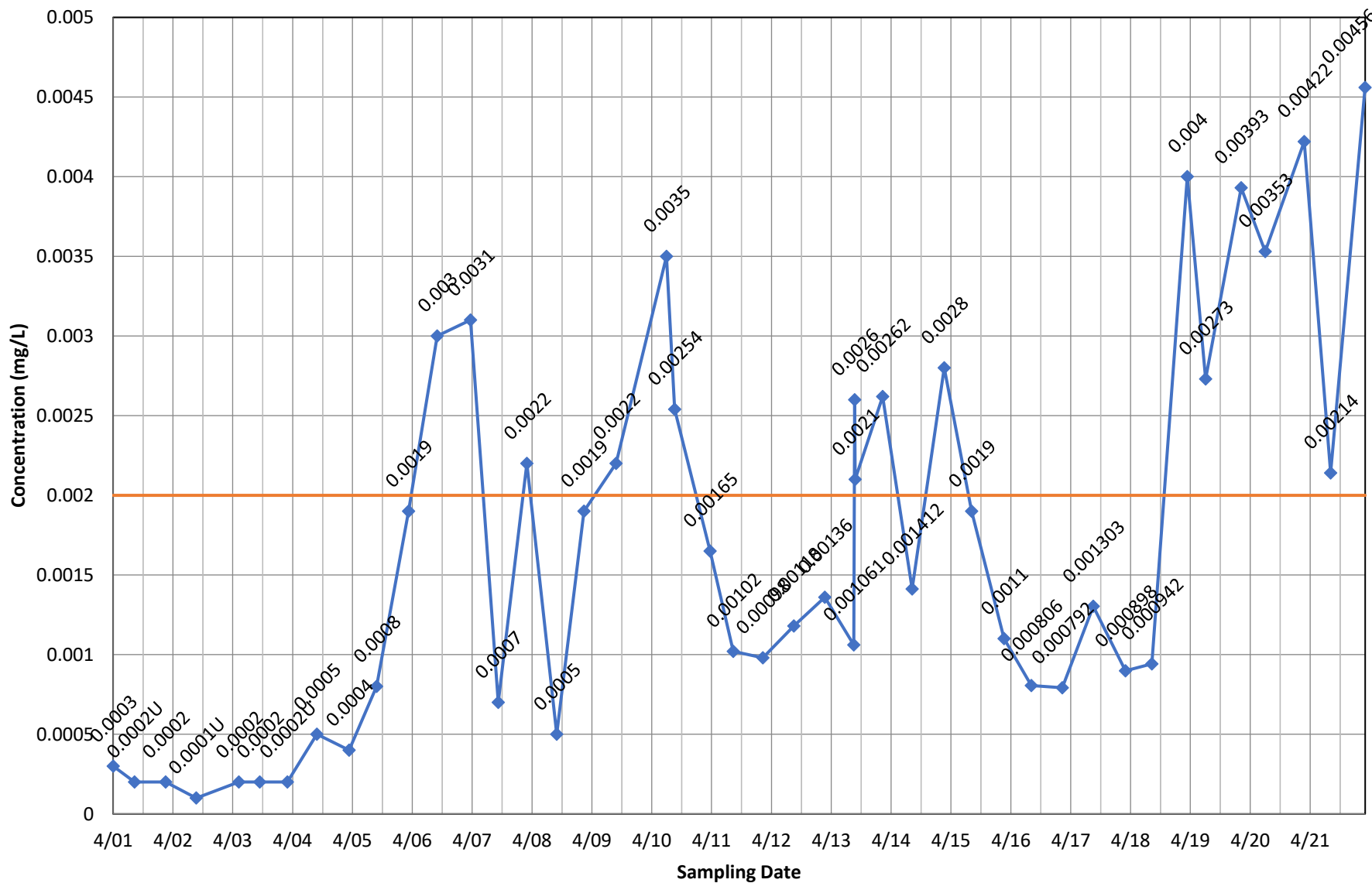
◆ Concentration — Current MCL

Monitoring Well OB11 - cis-1,2-Dichloroethene



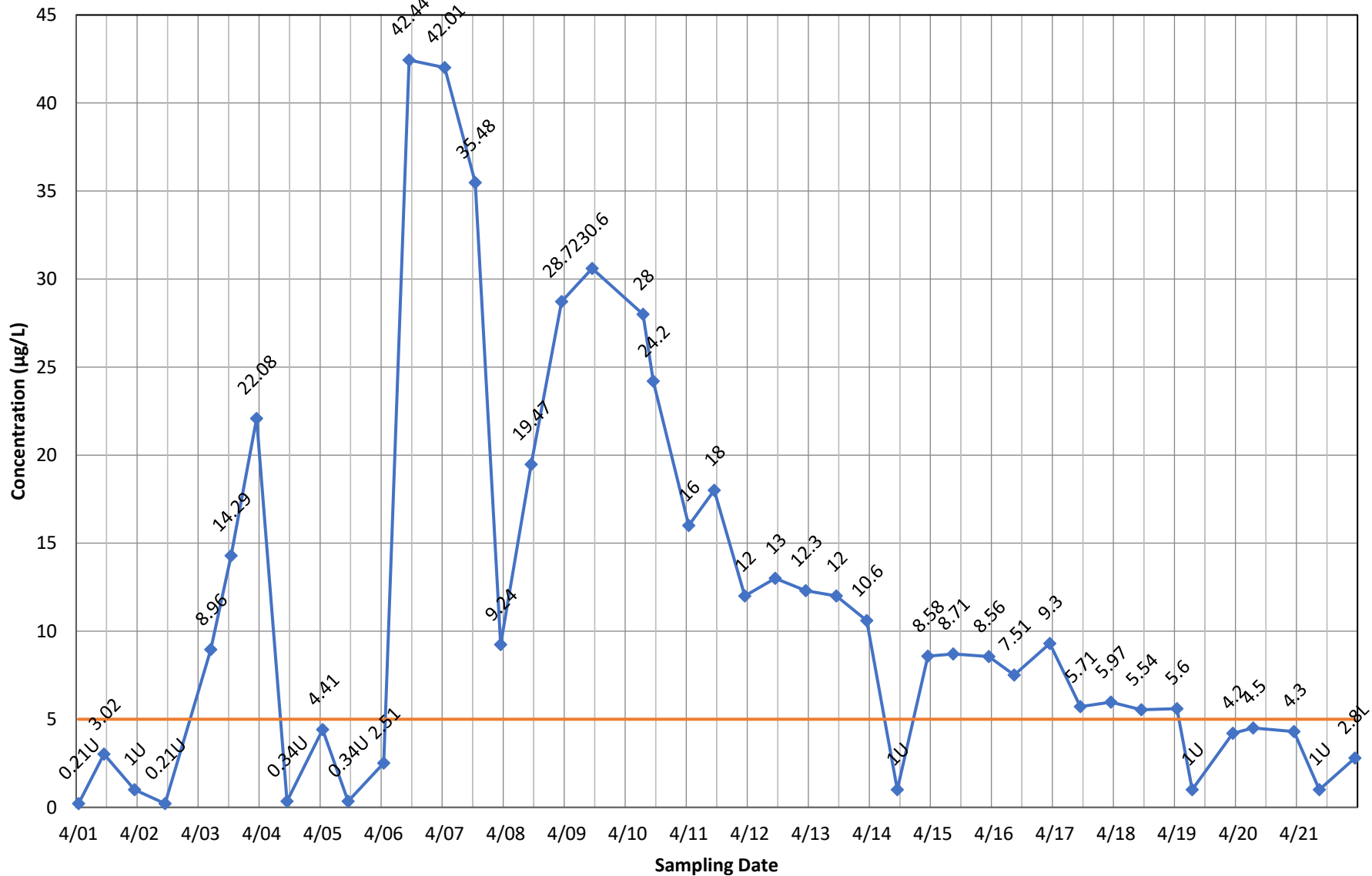
◆ Concentration — Current MCL

Monitoring Well OB11 - Mercury, total



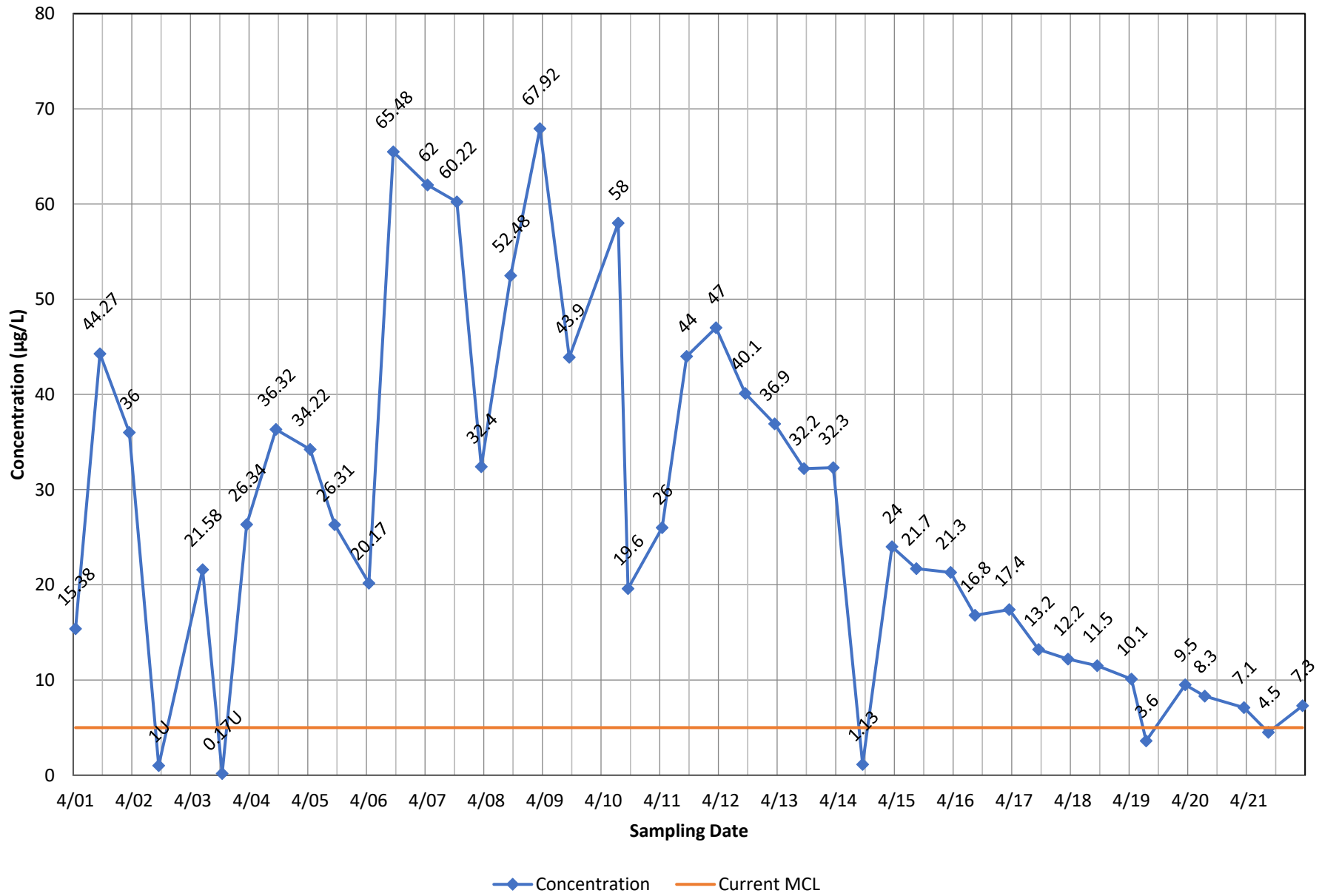
◆ Concentration — Current MCL

Monitoring Well OB11 - Methylene Chloride

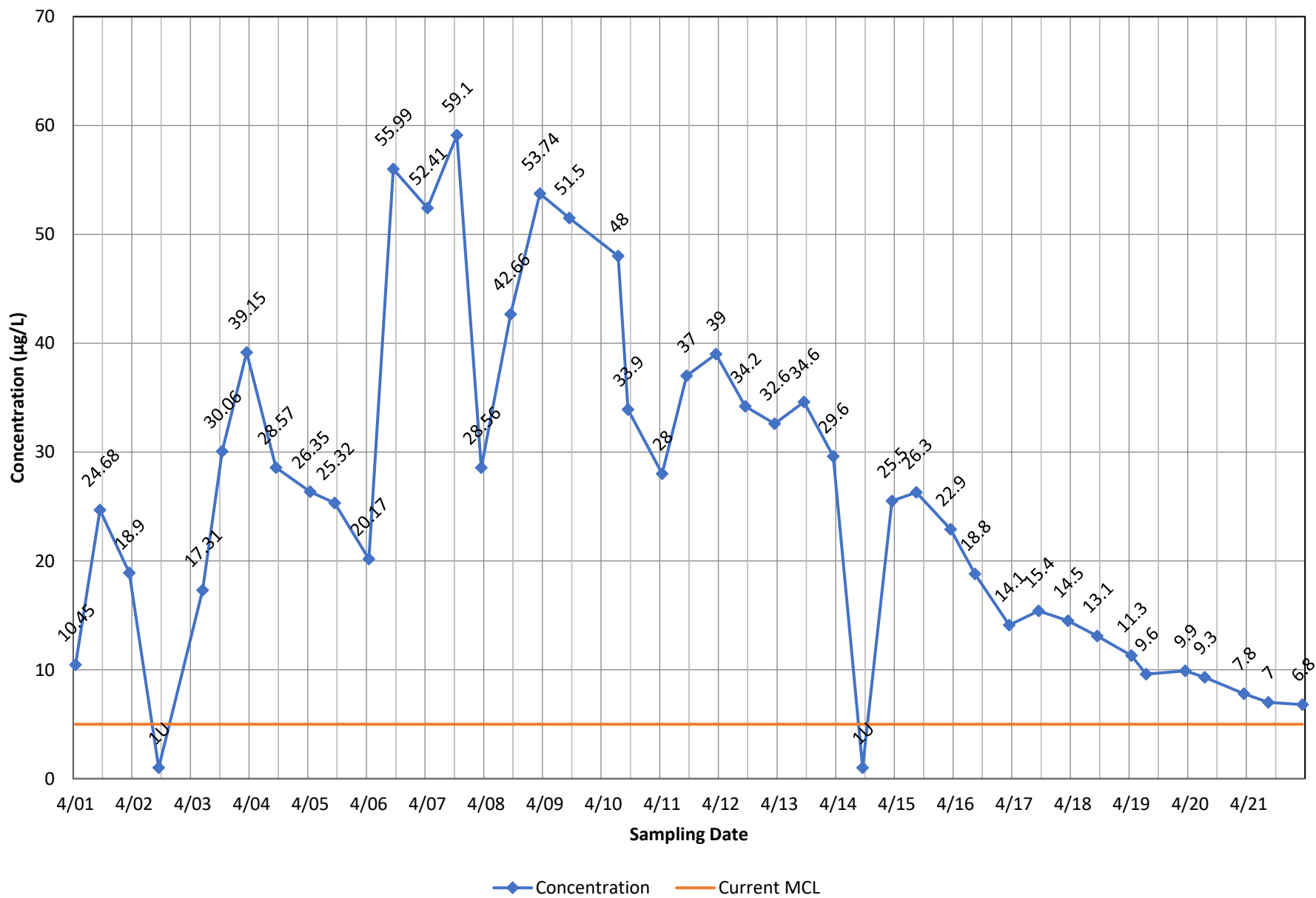


◆ Concentration — Current MCL

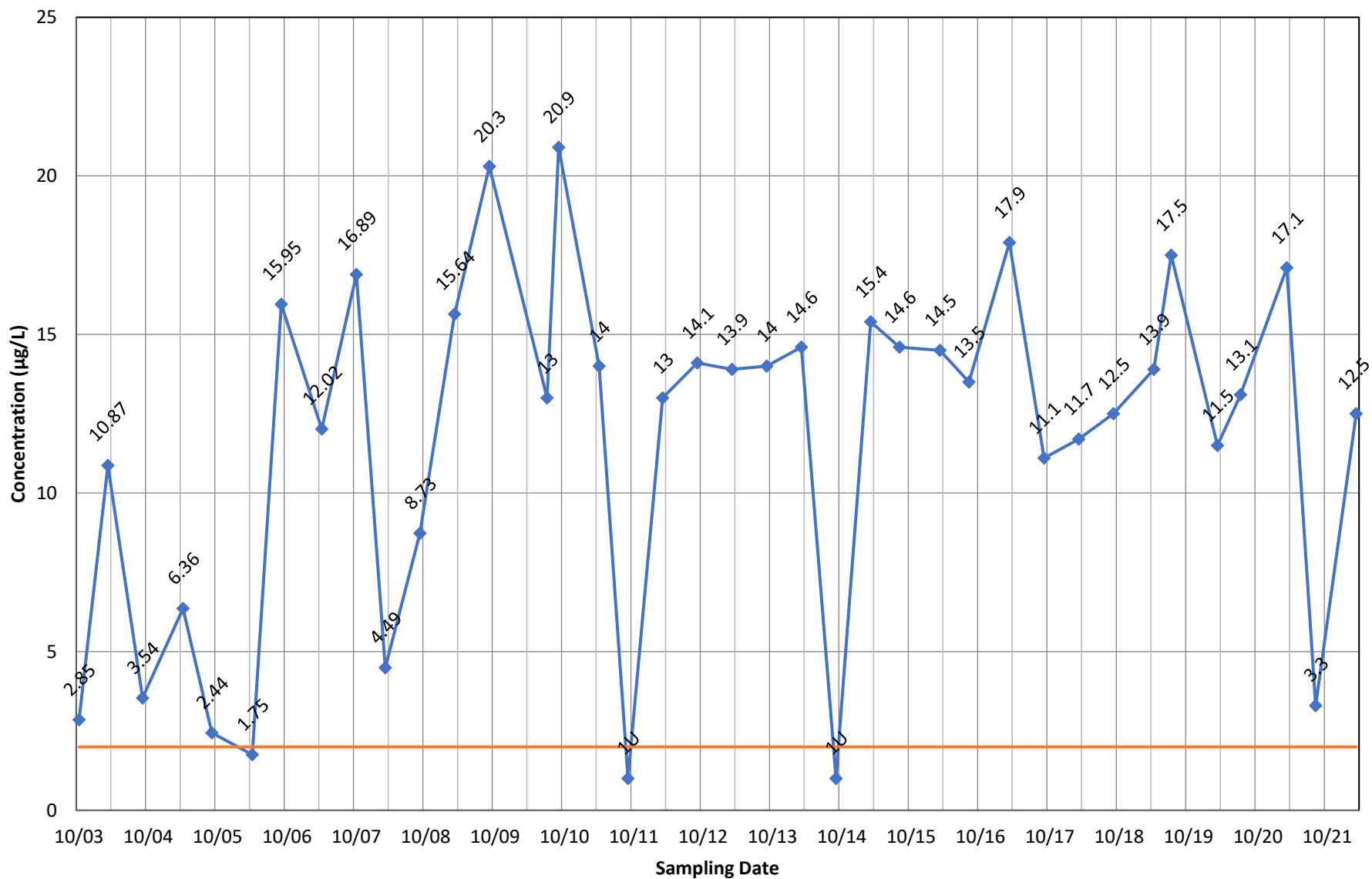
Monitoring Well OB11 - Tetrachloroethene



Monitoring Well OB11 - Trichloroethene

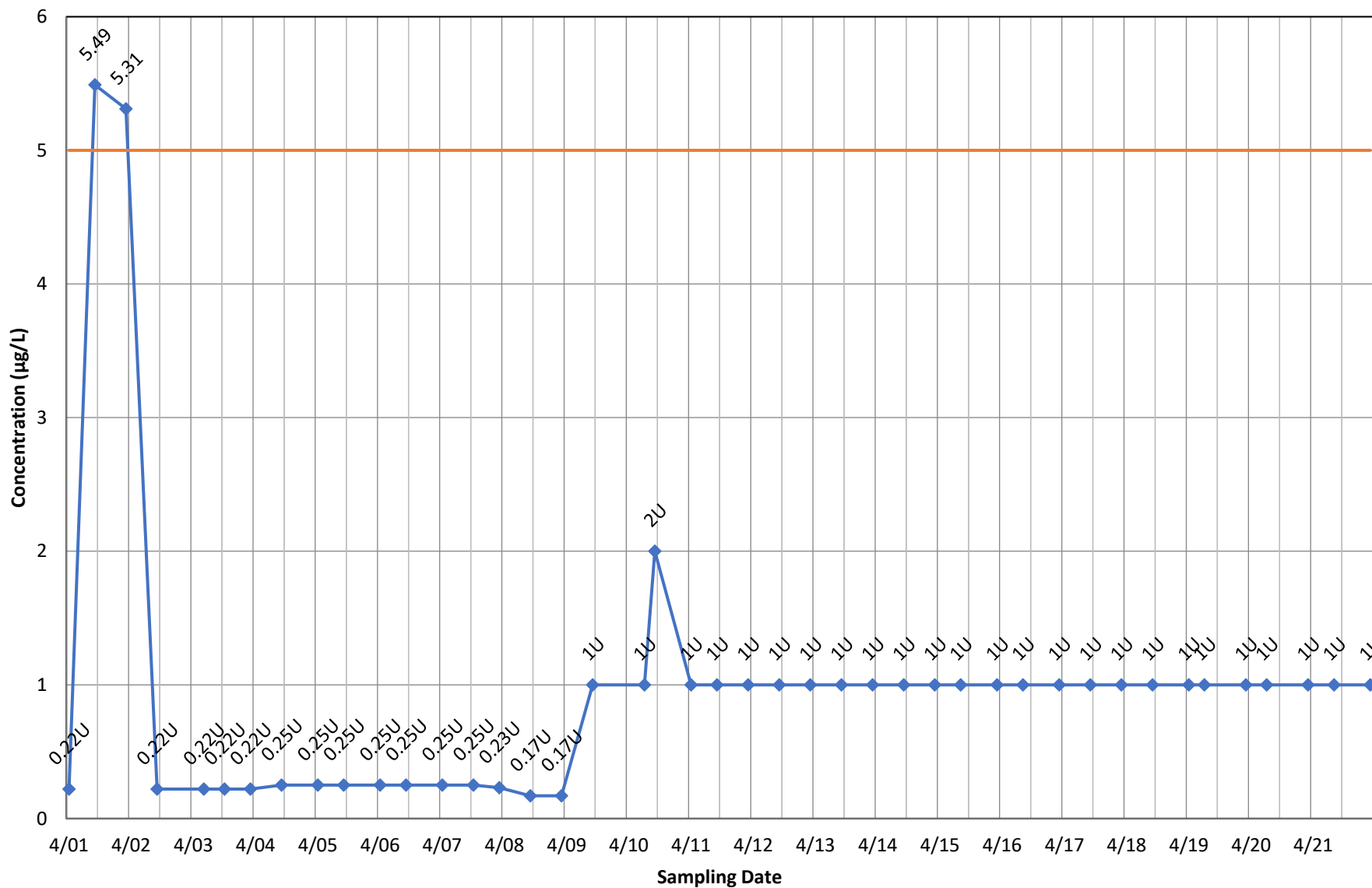


Monitoring Well OB11 - Vinyl Chloride



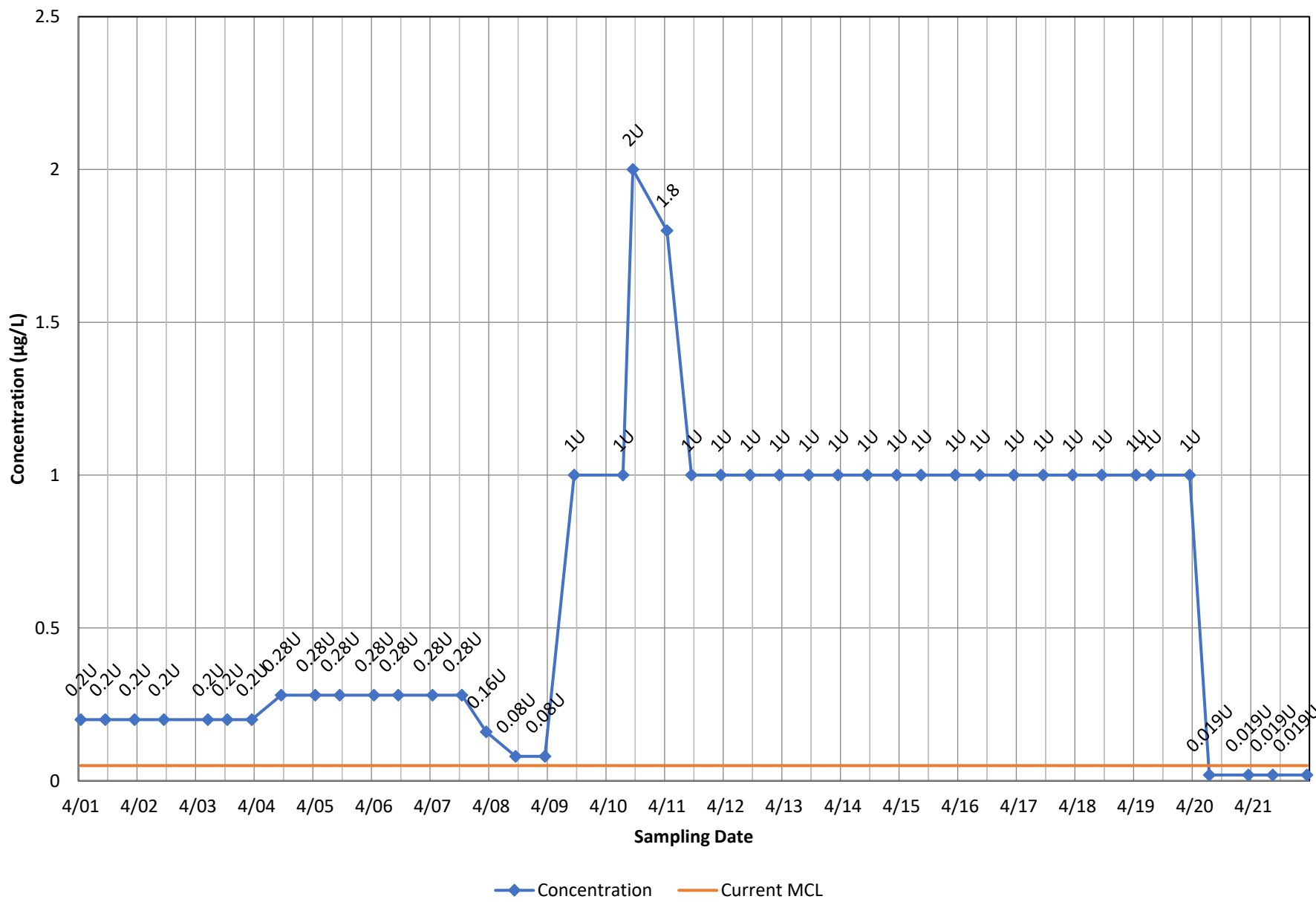
◆ Concentration — Current MCL

Monitoring Well OB11A - 1,1,2-Trichloroethane

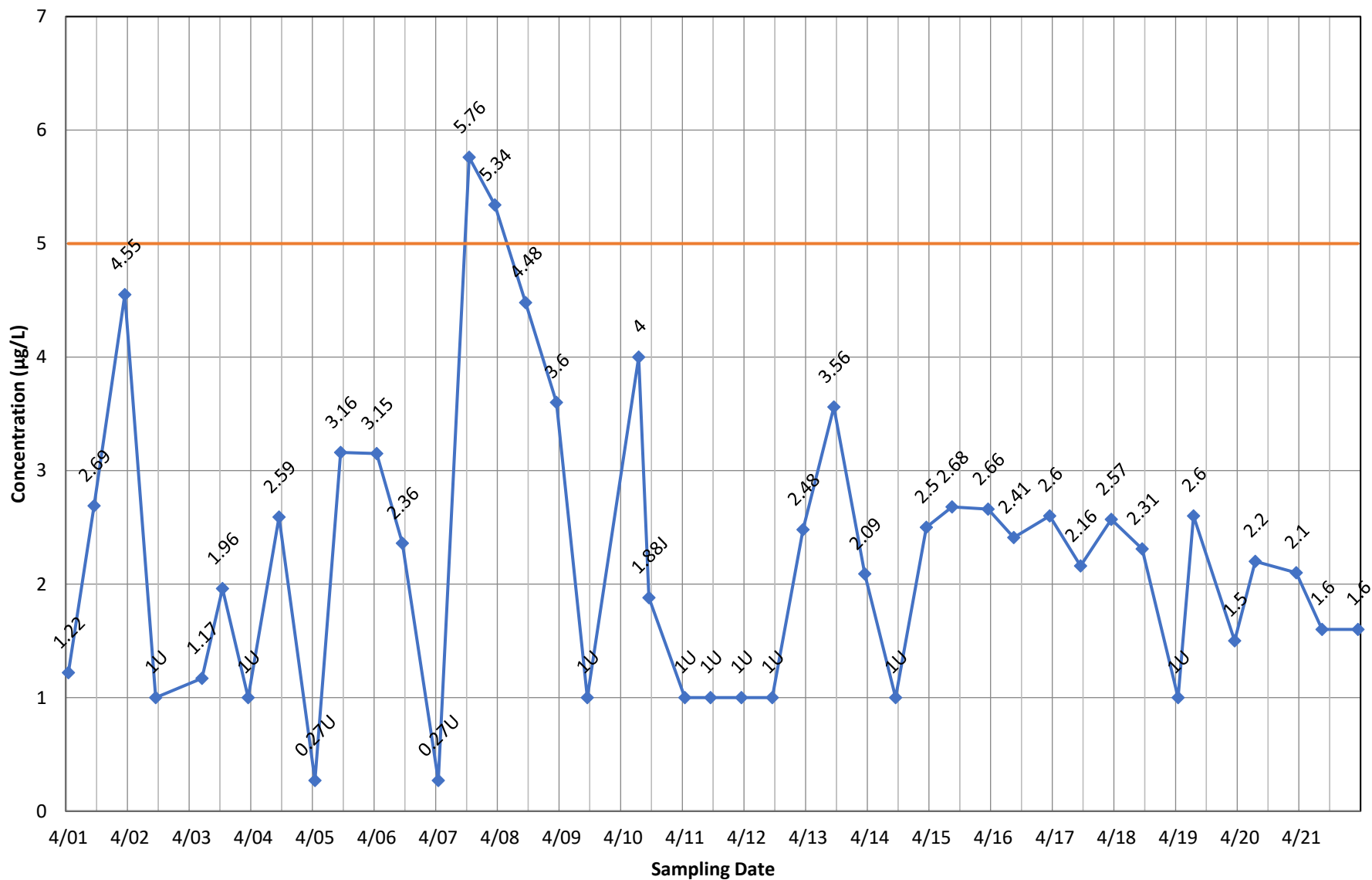


◆ Concentration — Current MCL

Monitoring Well OB11A - 1,2-Dibromoethane

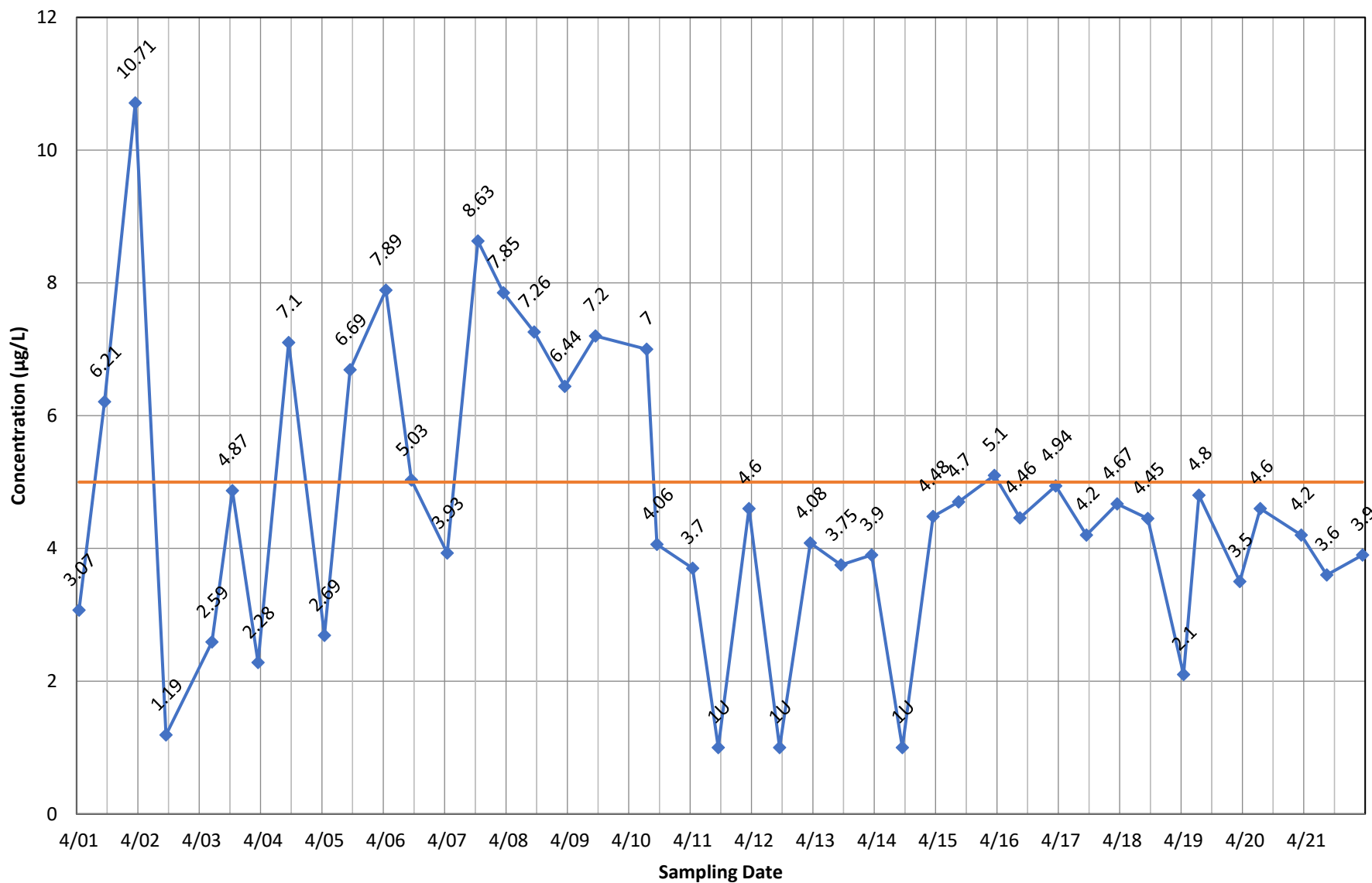


Monitoring Well OB11A - 1,2-Dichloroethane



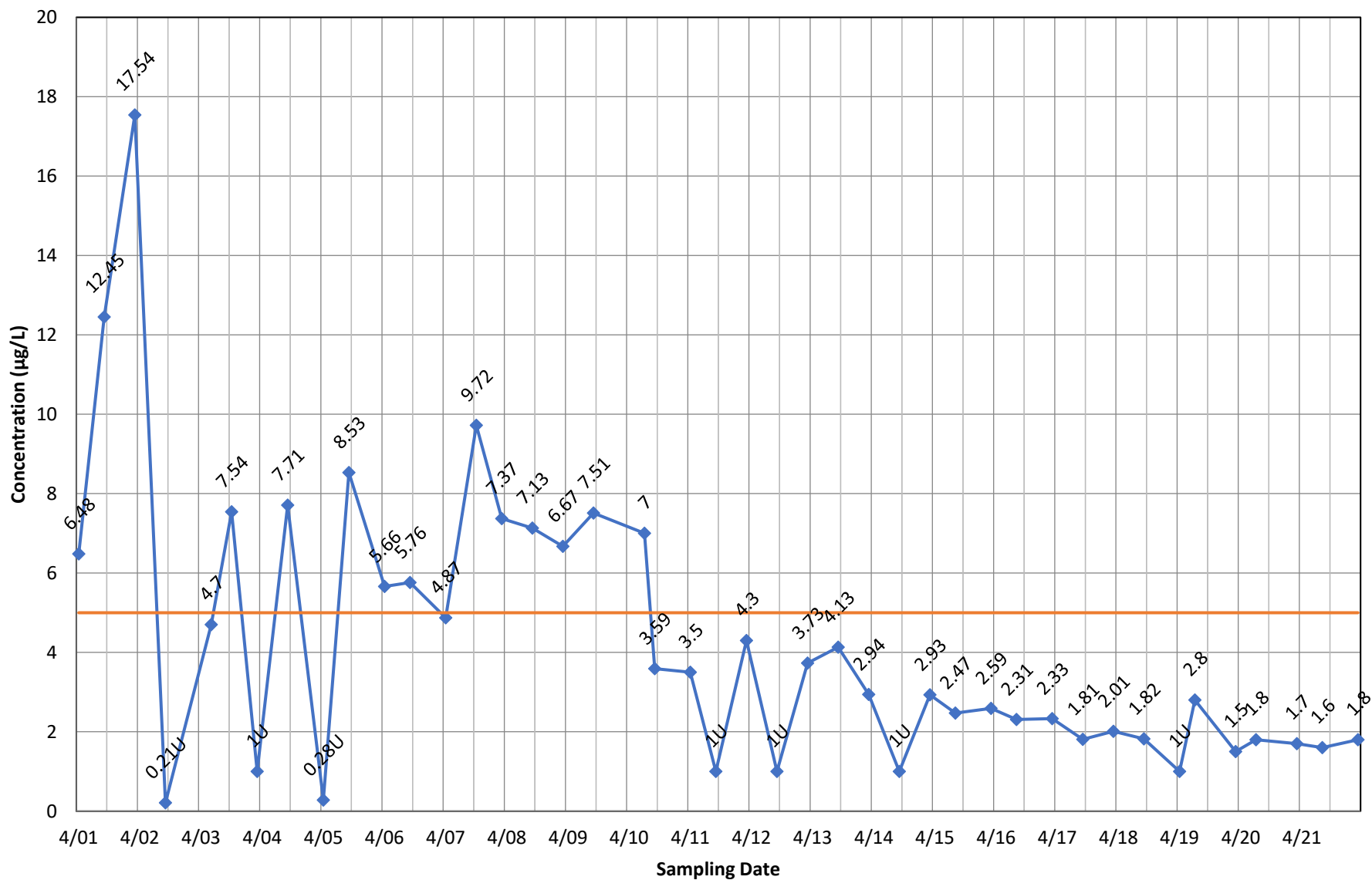
◆ Concentration — Current MCL

Monitoring Well OB11A - 1,2-Dichloropropane



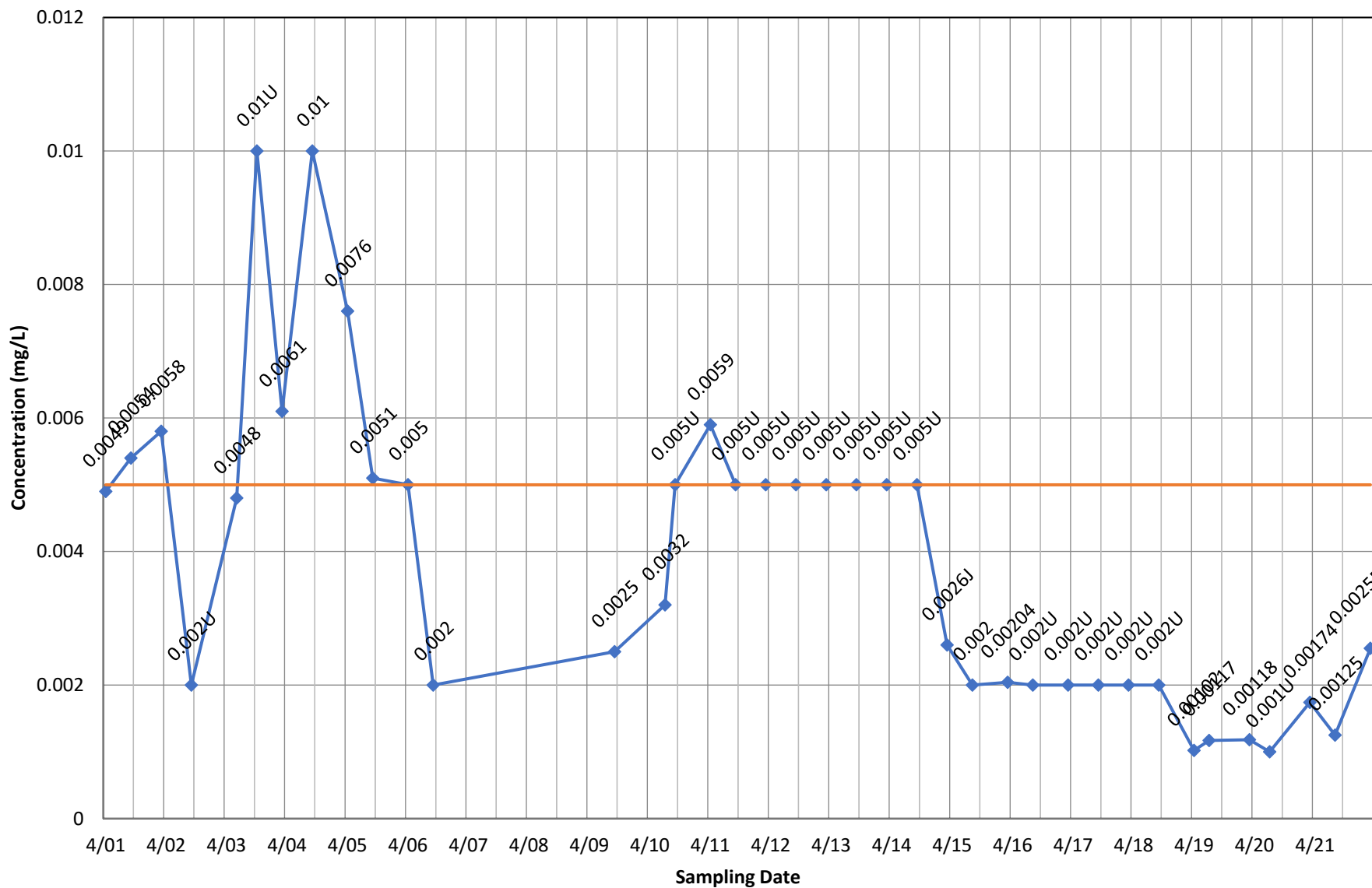
◆ Concentration — Current MCL

Monitoring Well OB11A - Benzene



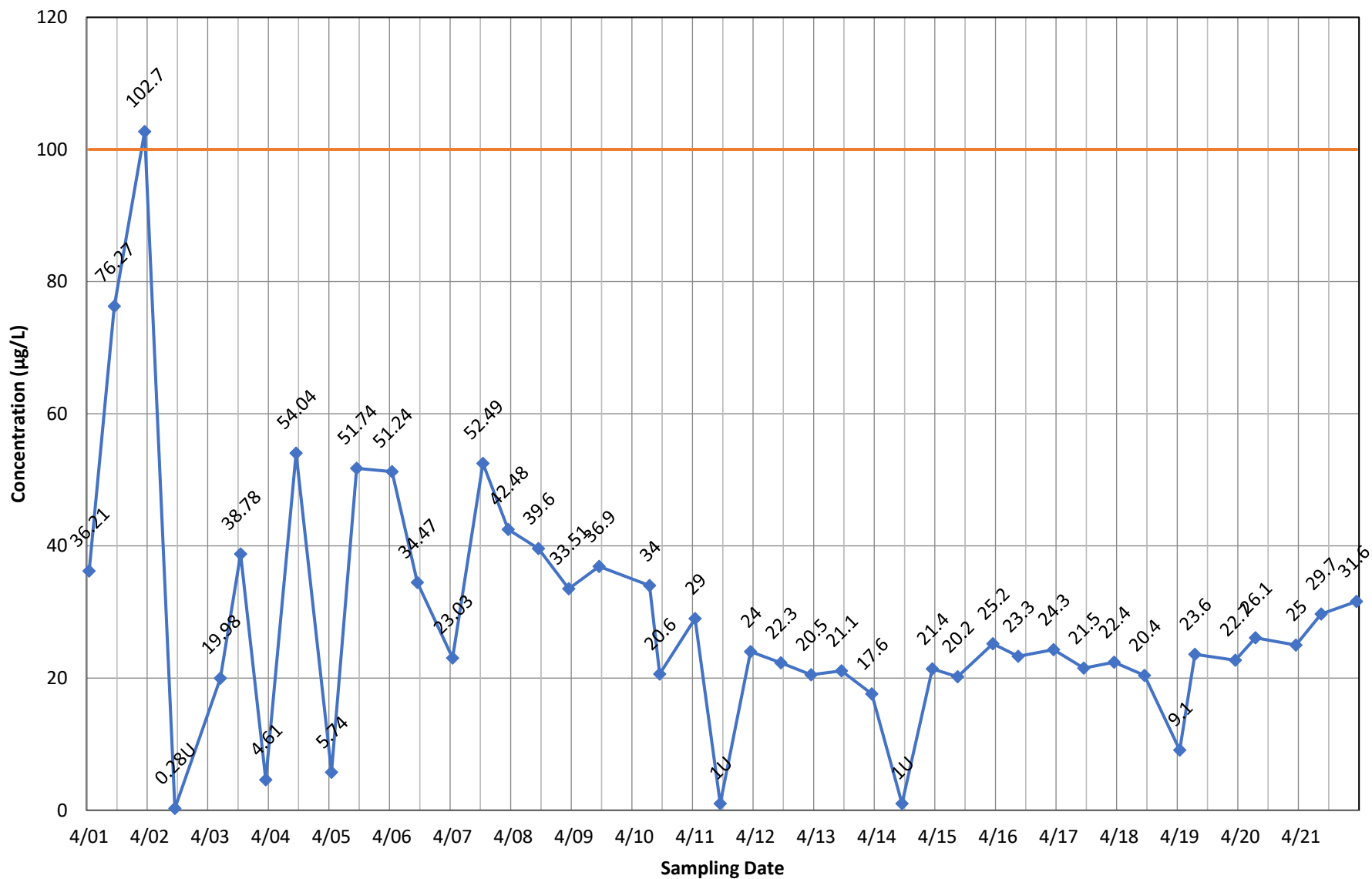
◆ Concentration — Current MCL

Monitoring Well OB11A - Cadmium, total



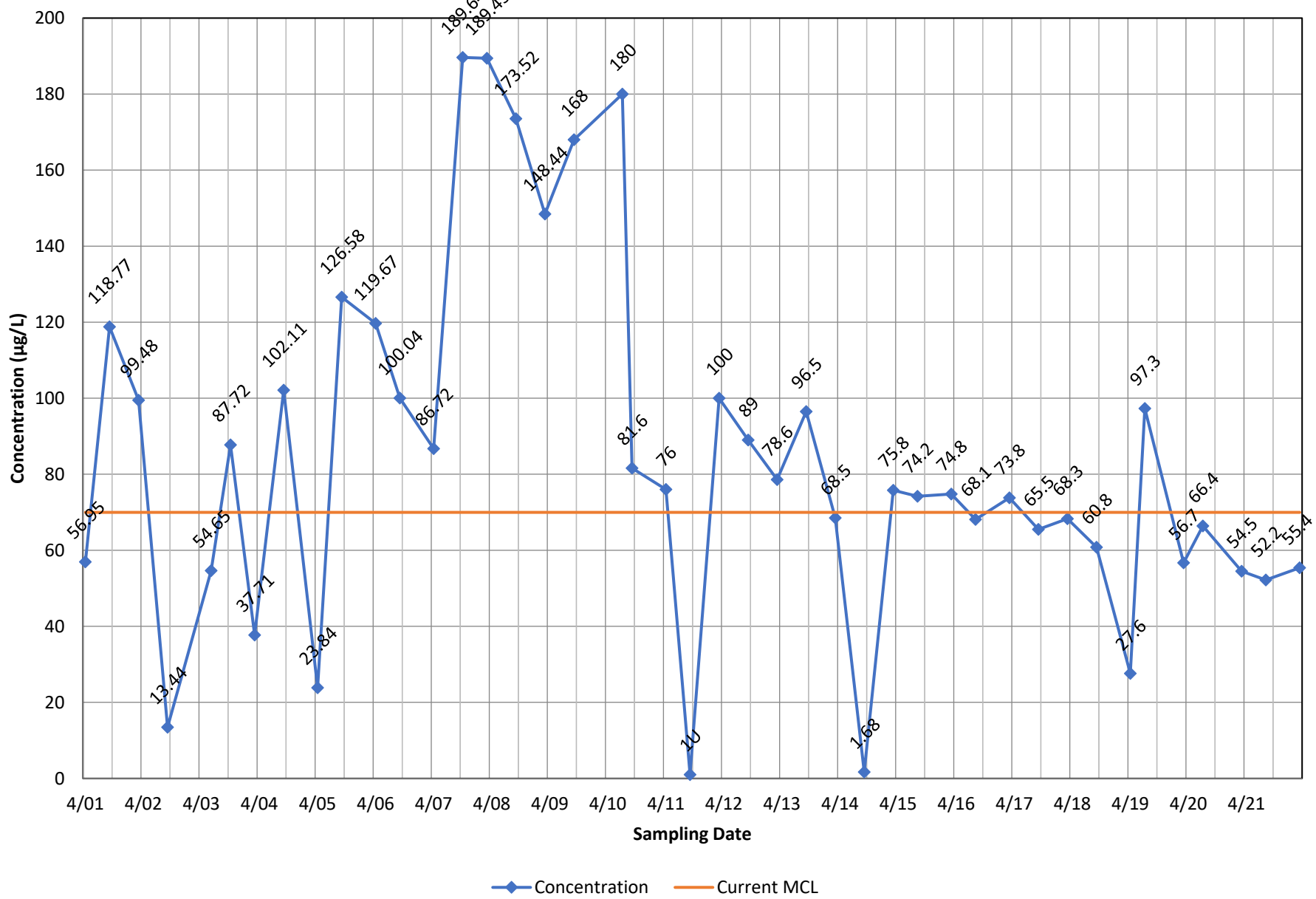
◆ Concentration — Current MCL

Monitoring Well OB11A - Chlorobenzene

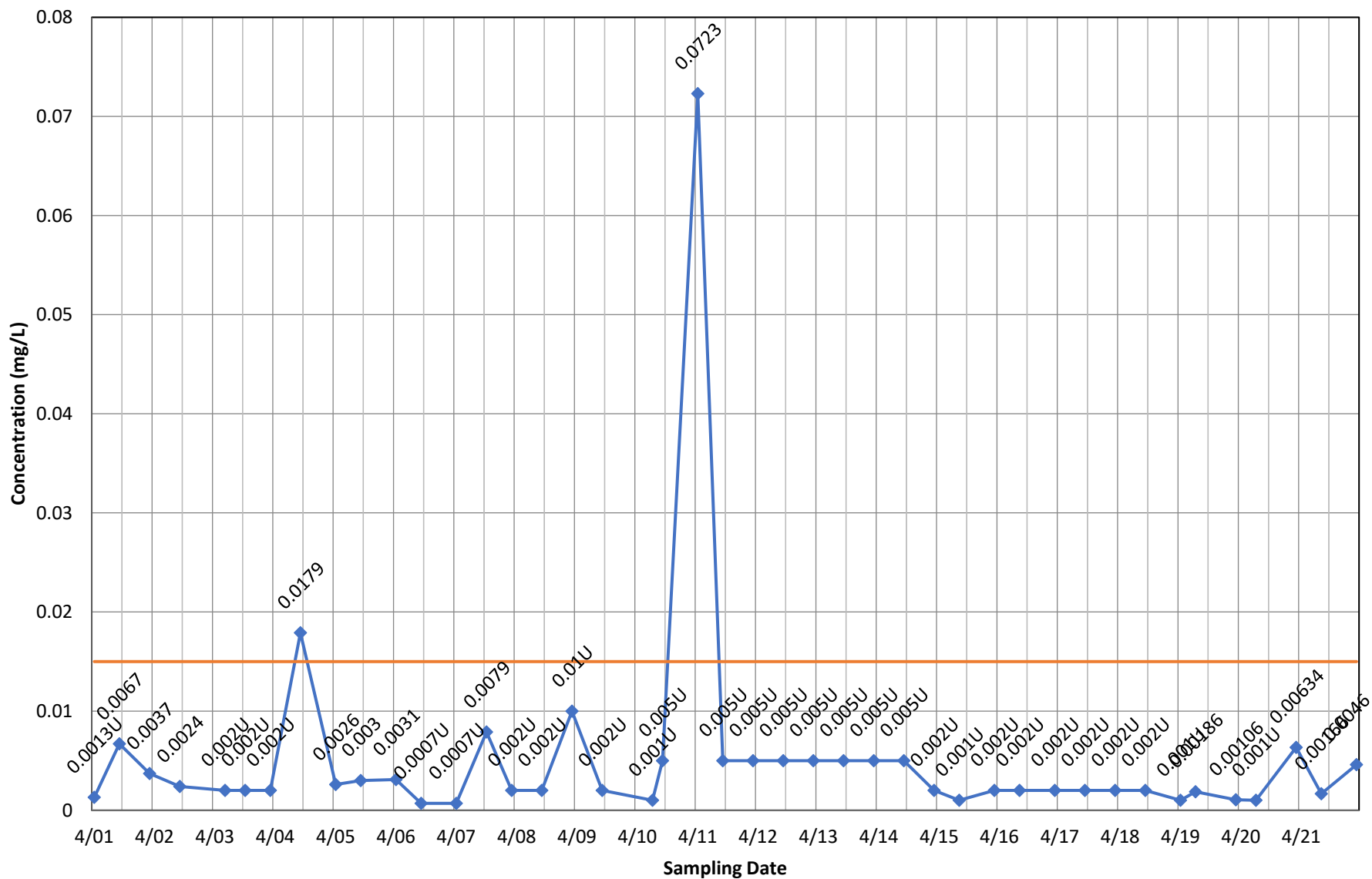


◆ Concentration — Current MCL

Monitoring Well OB11A - cis-1,2-Dichloroethene

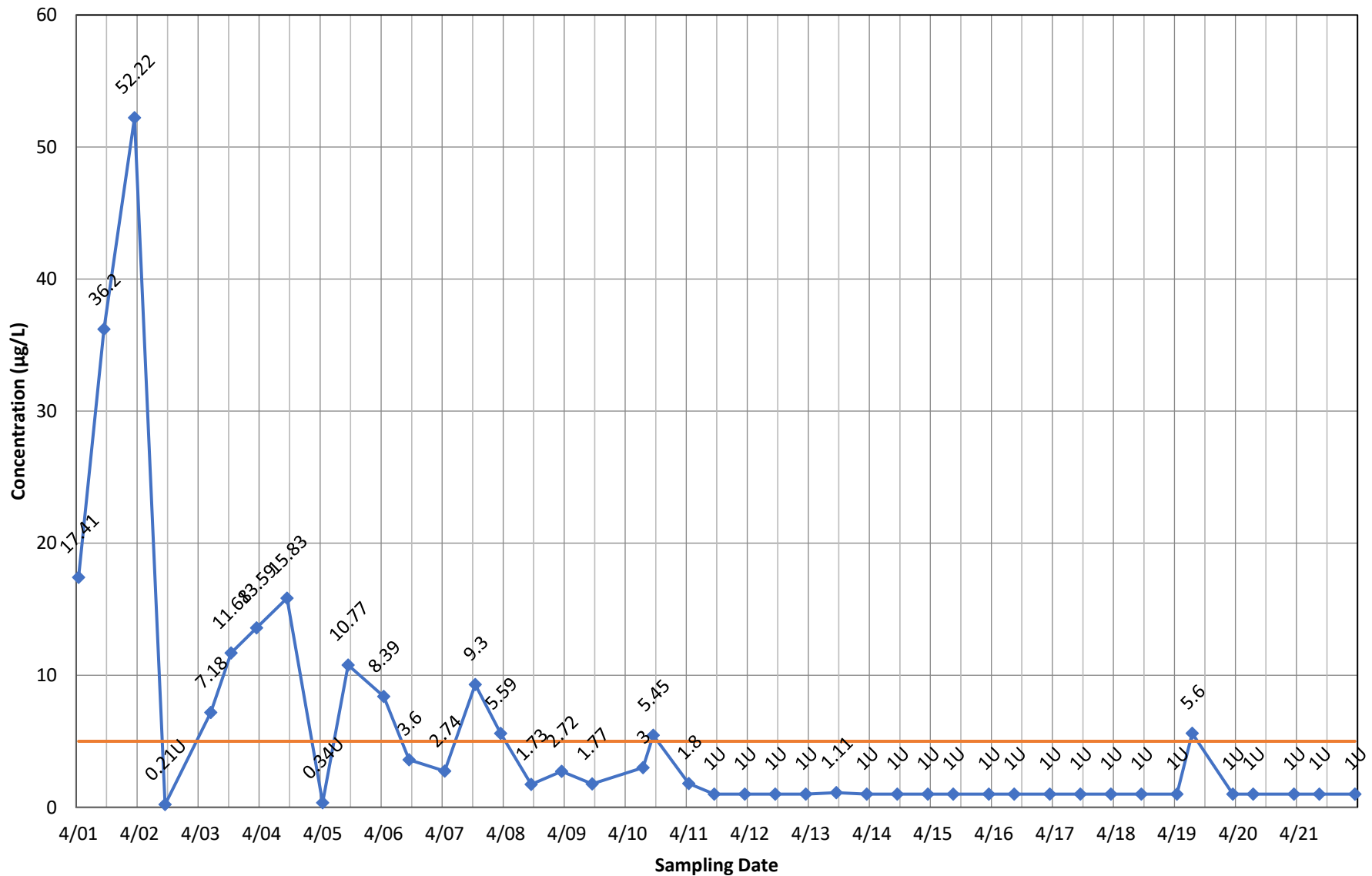


Monitoring Well OB11A - Lead, total



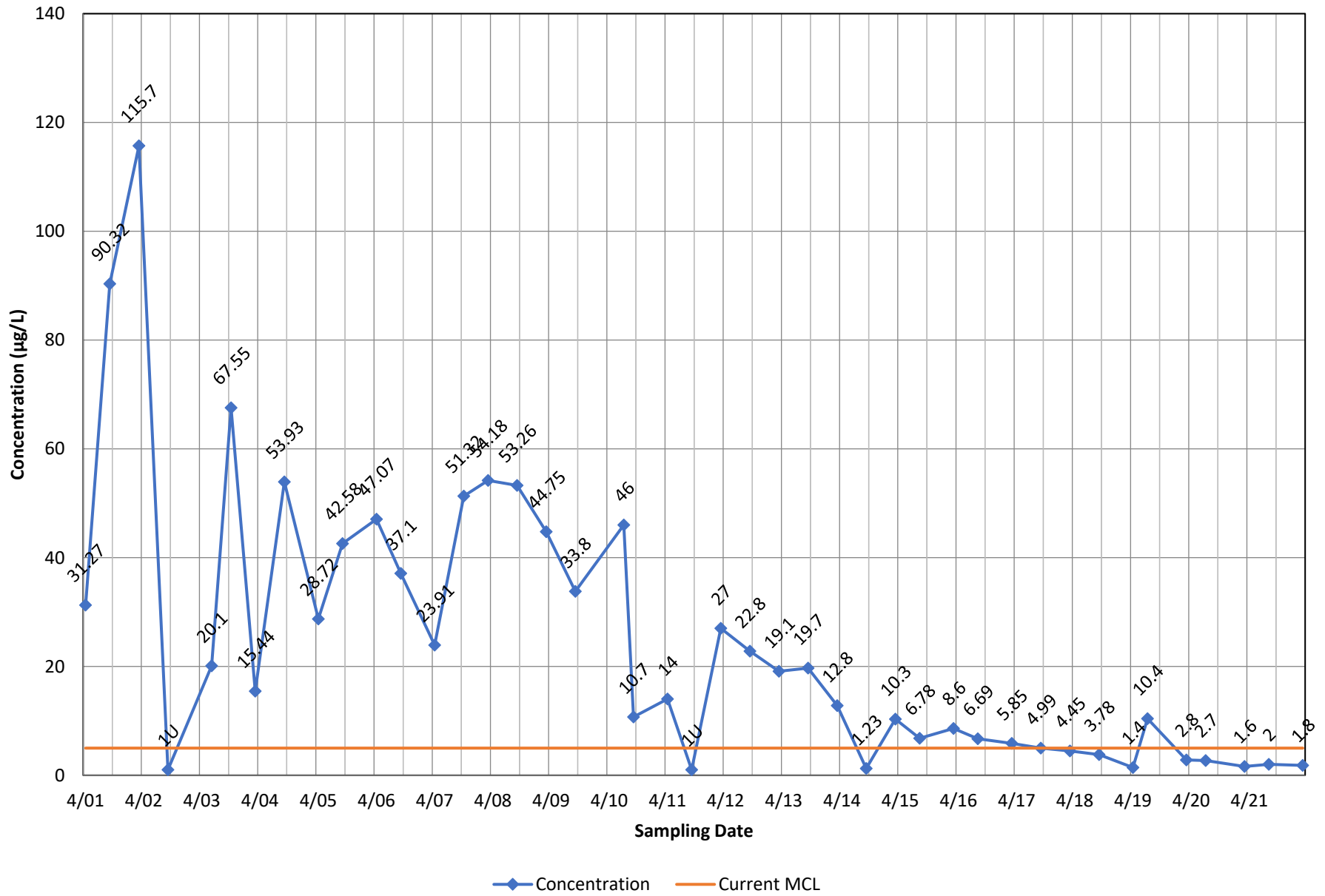
◆ Concentration — Current MCL

Monitoring Well OB11A - Methylene Chloride

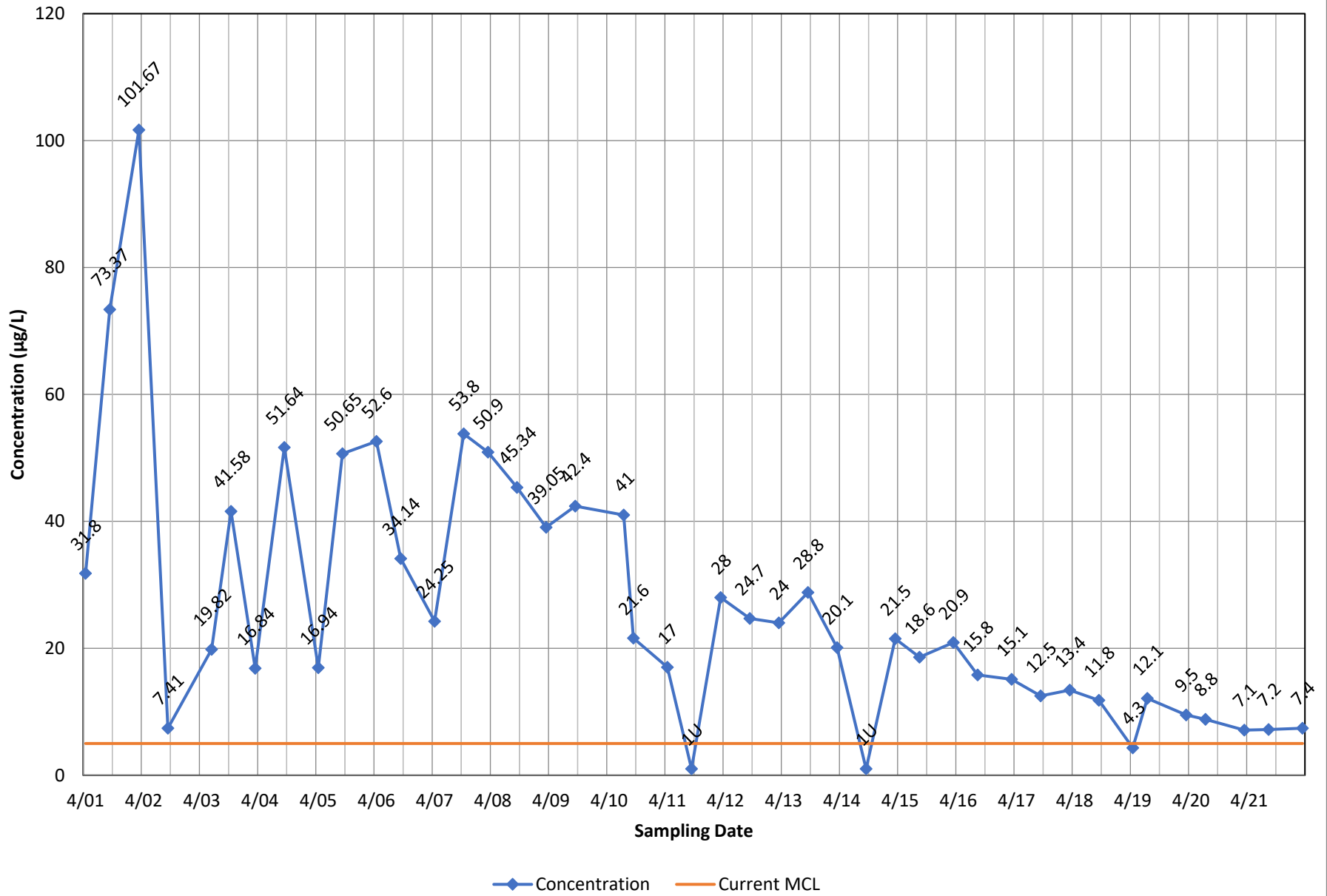


◆ Concentration — Current MCL

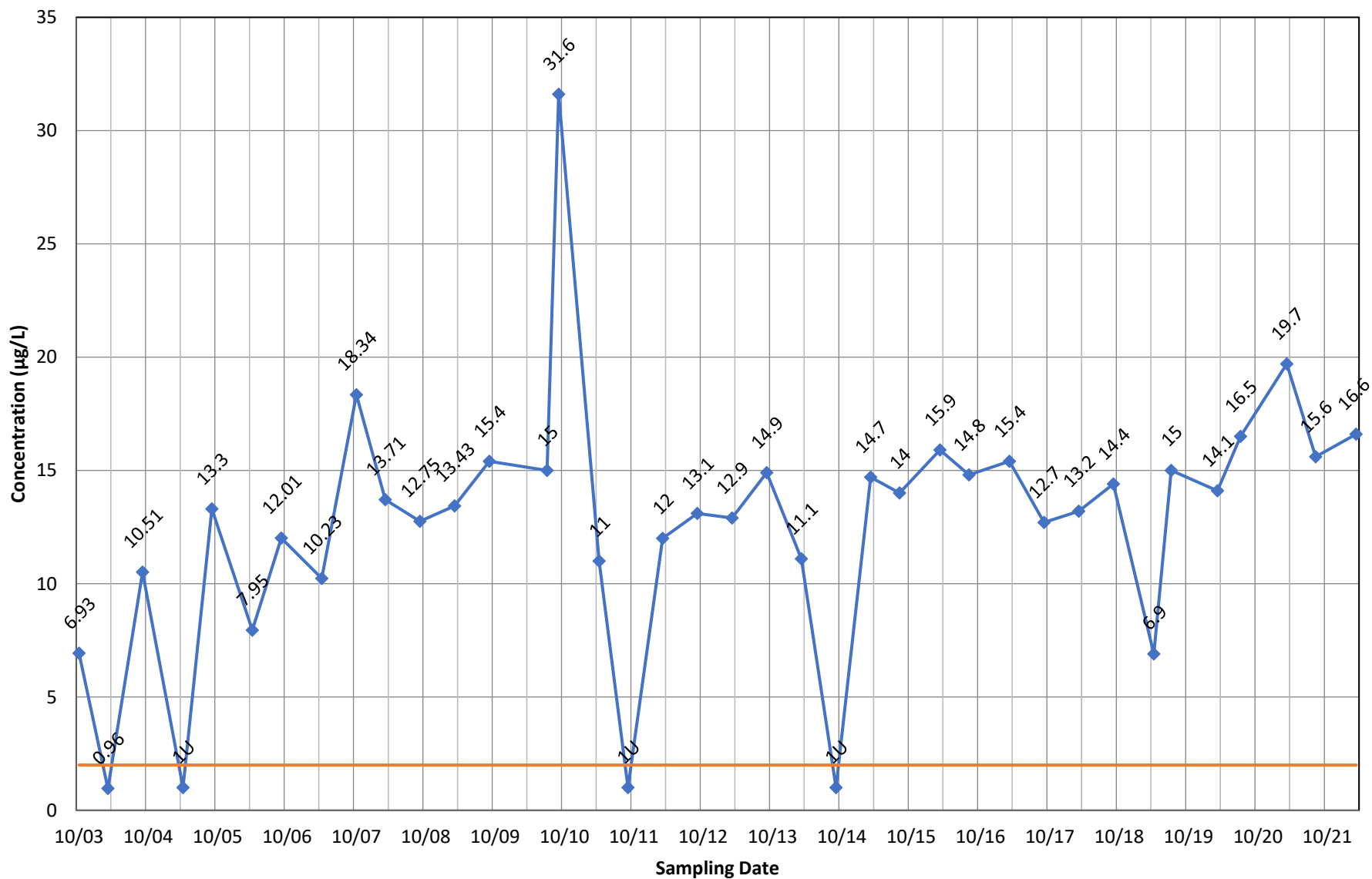
Monitoring Well OB11A - Tetrachloroethene



Monitoring Well OB11A - Trichloroethene

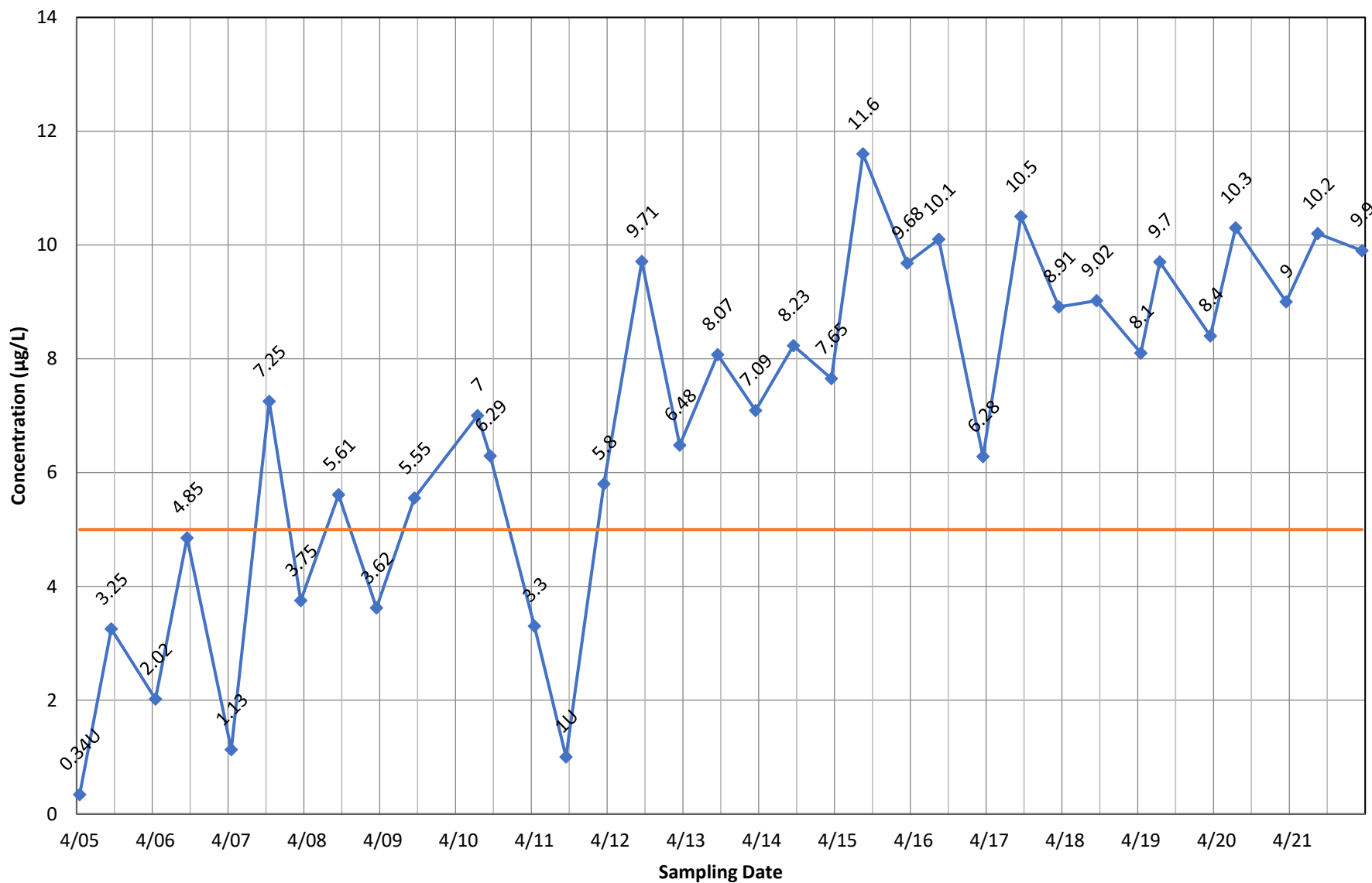


Monitoring Well OB11A - Vinyl Chloride



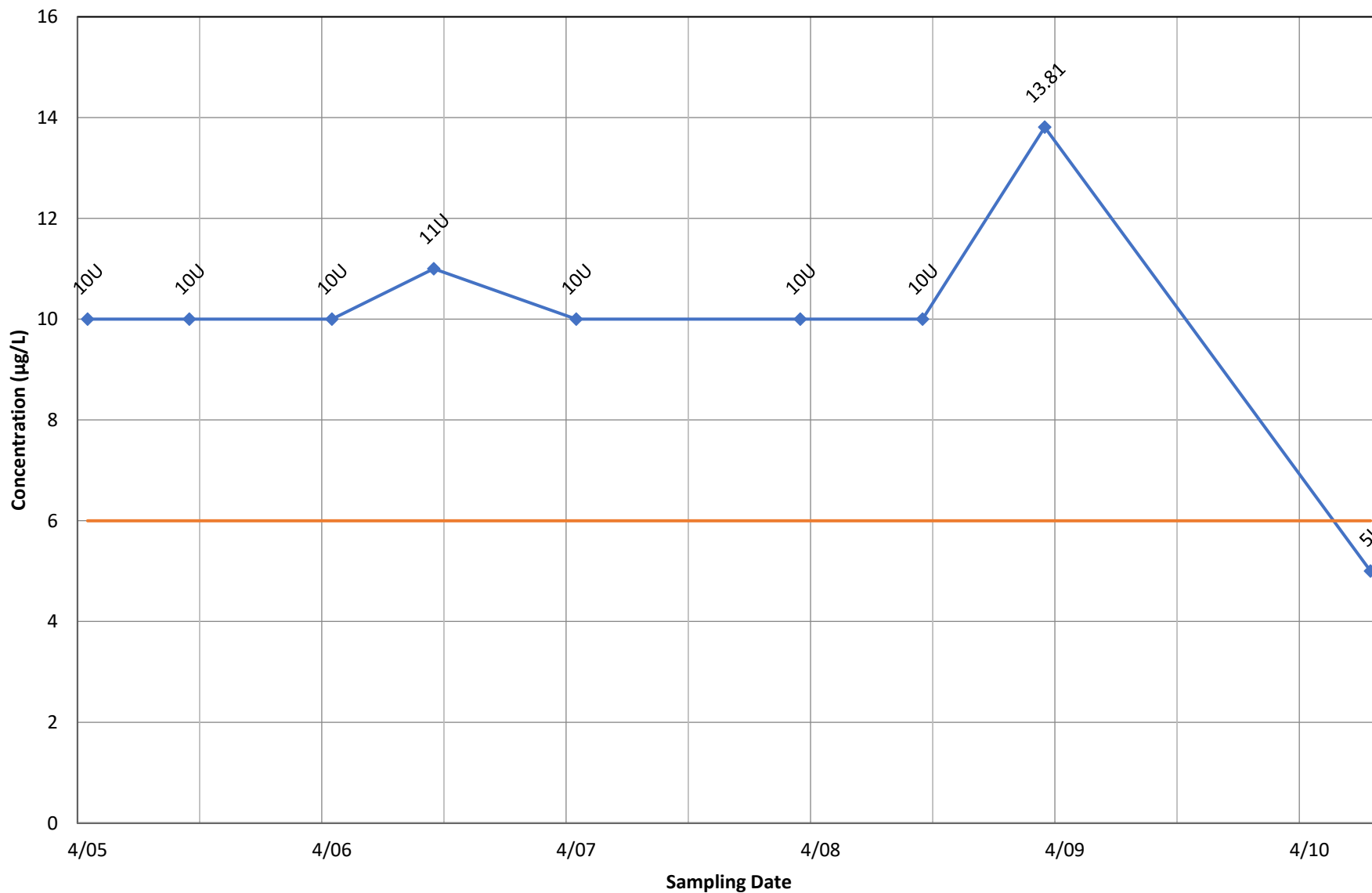
◆ Concentration — Current MCL

Monitoring Well OB12 - 1,2-Dichloropropane



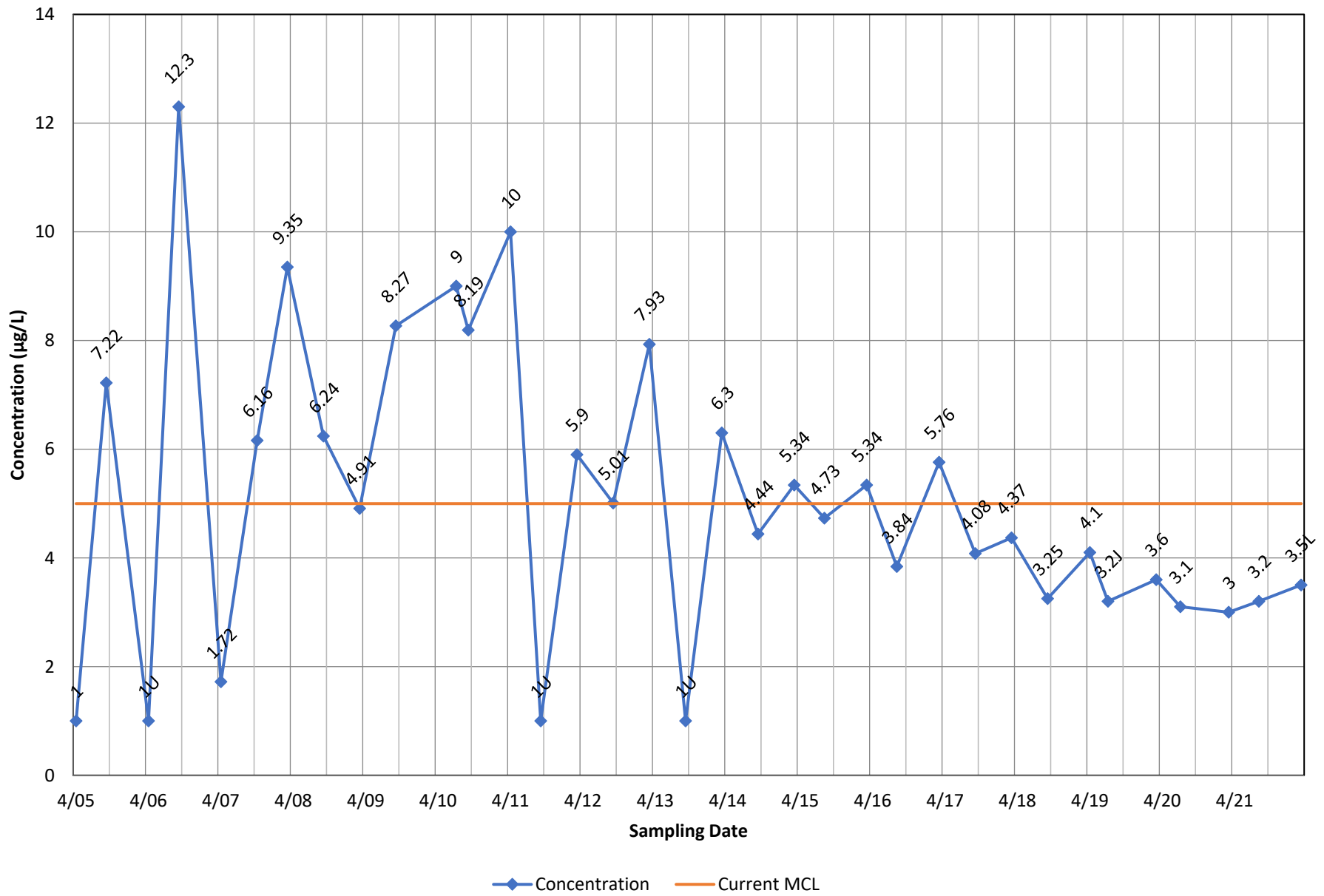
◆ Concentration — Current MCL

Monitoring Well OB12 - Bis(2-Ethylhexyl) Phthalate

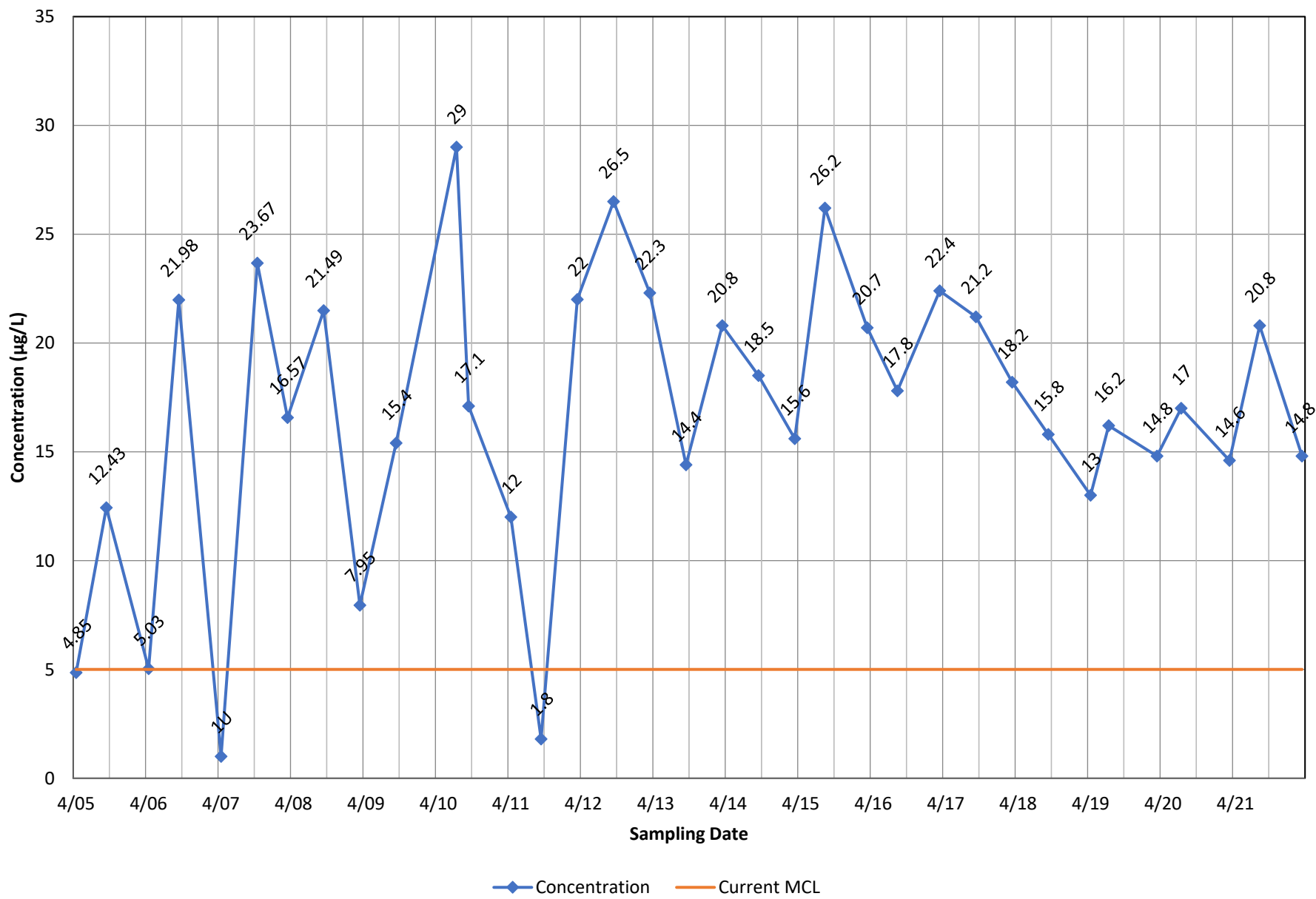


◆ Concentration — Current MCL

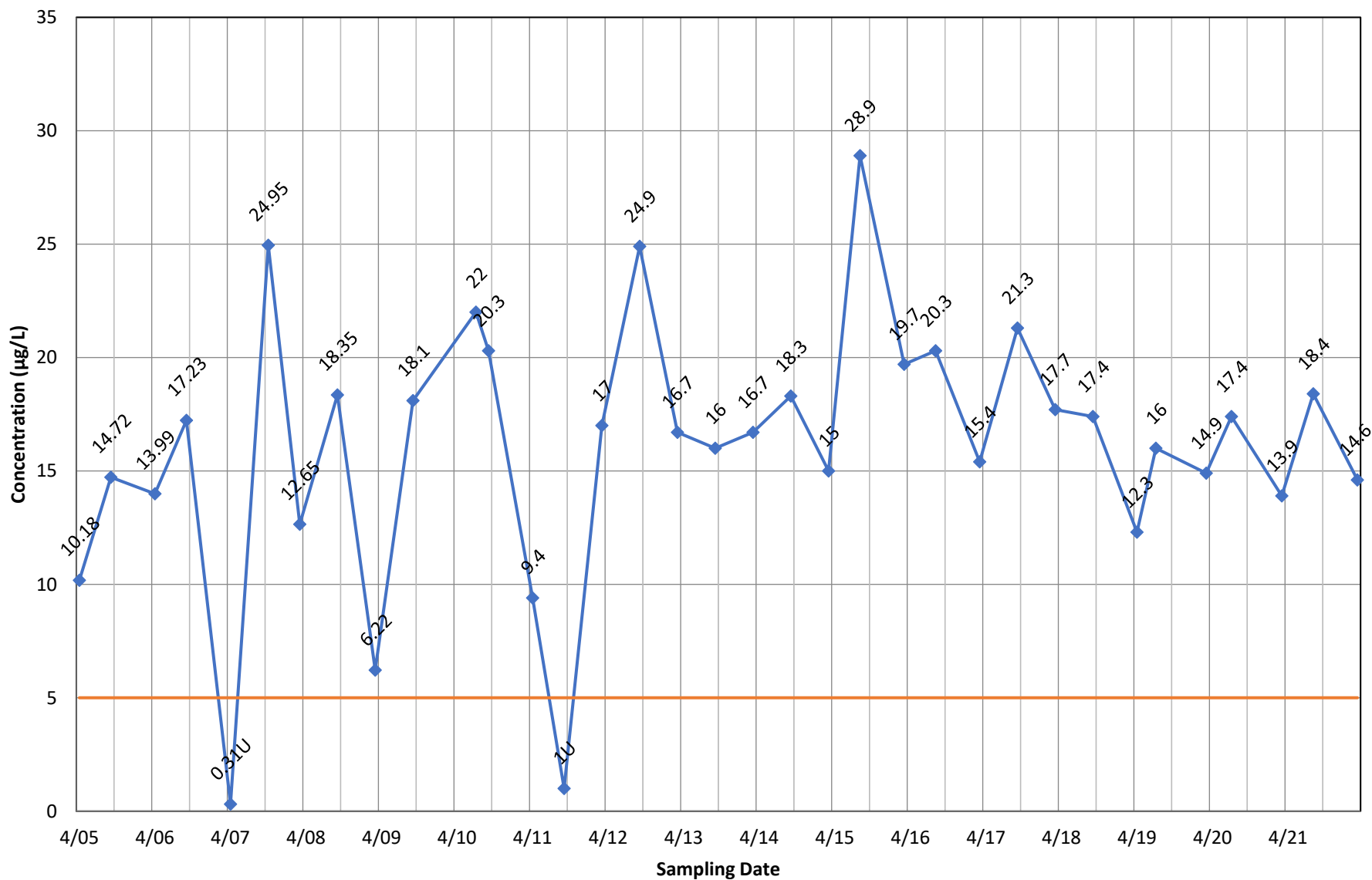
Monitoring Well OB12 - Methylene Chloride



Monitoring Well OB12 - Tetrachloroethene

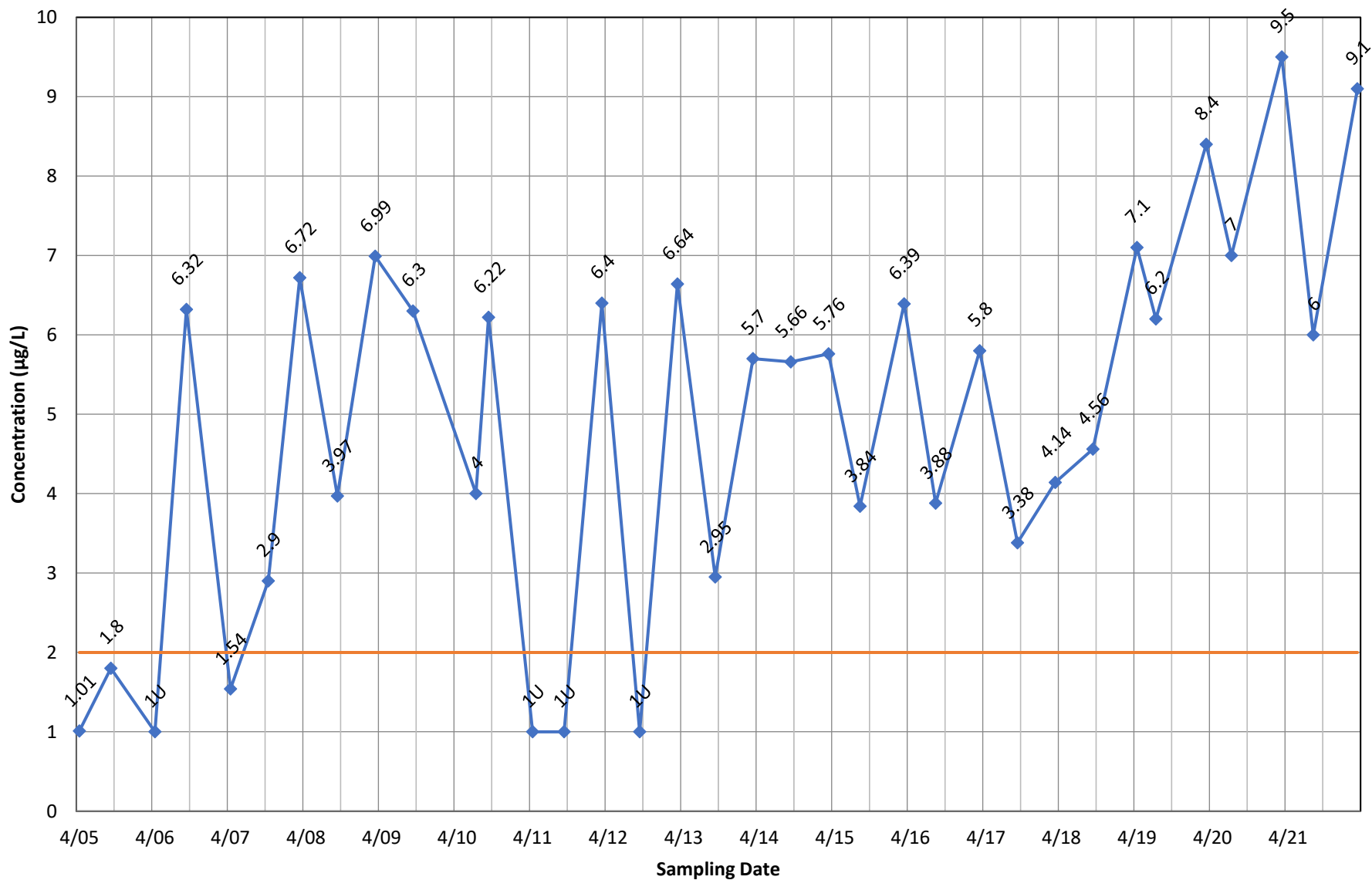


Monitoring Well OB12 - Trichloroethene



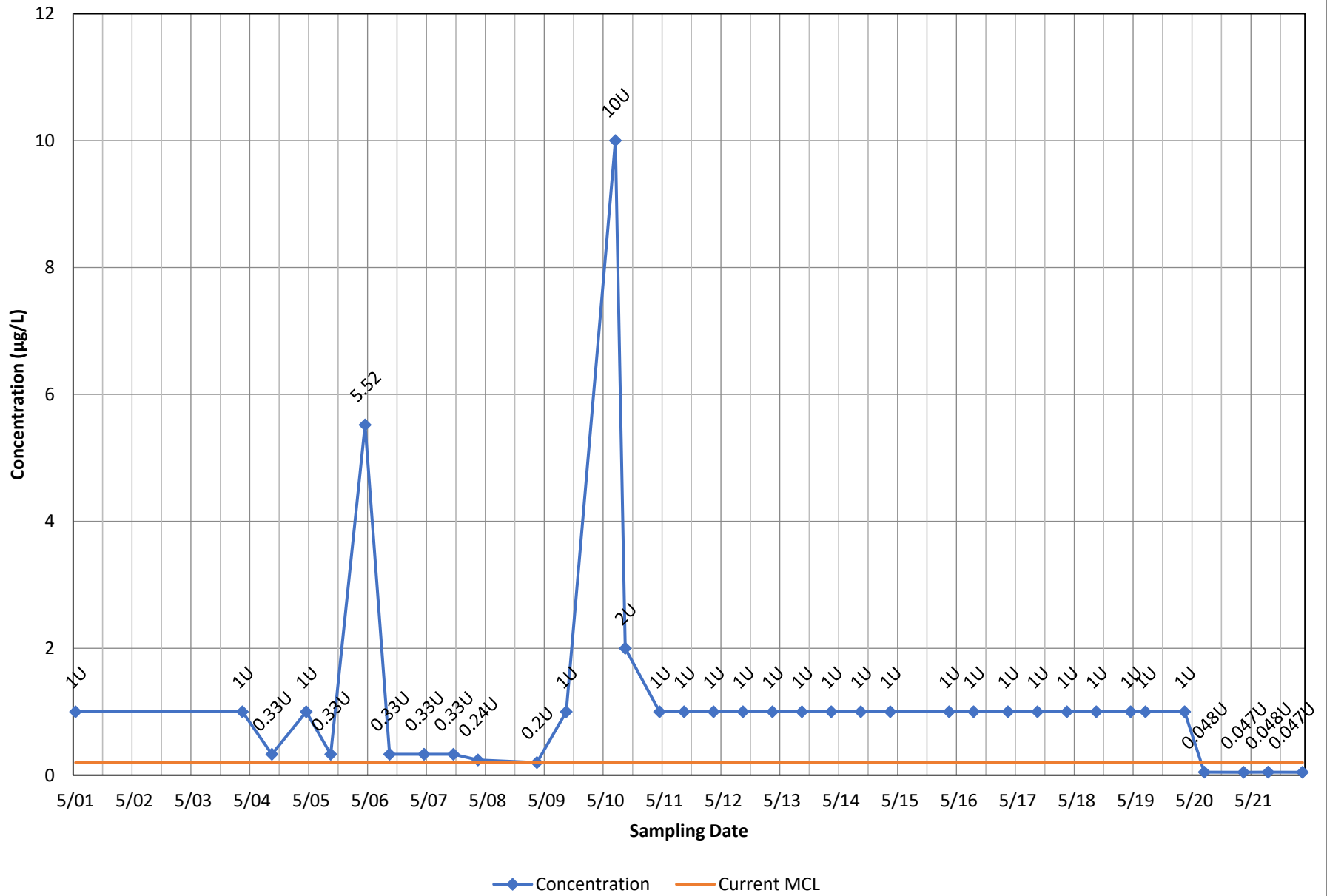
◆ Concentration — Current MCL

Monitoring Well OB12 - Vinyl Chloride

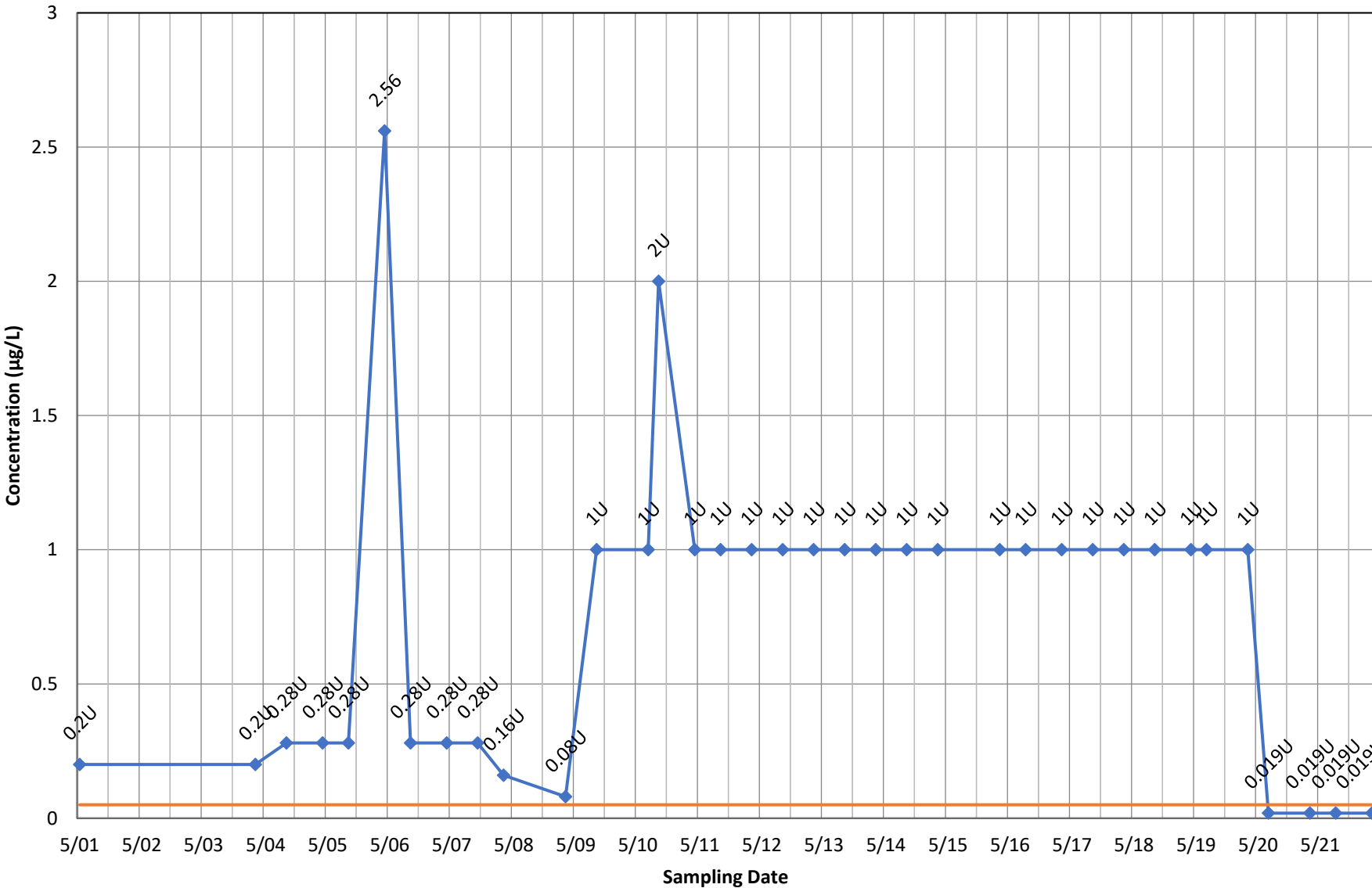


◆ Concentration — Current MCL

Monitoring Well ST015 - 1,2-Dibromo-3-chloropropane

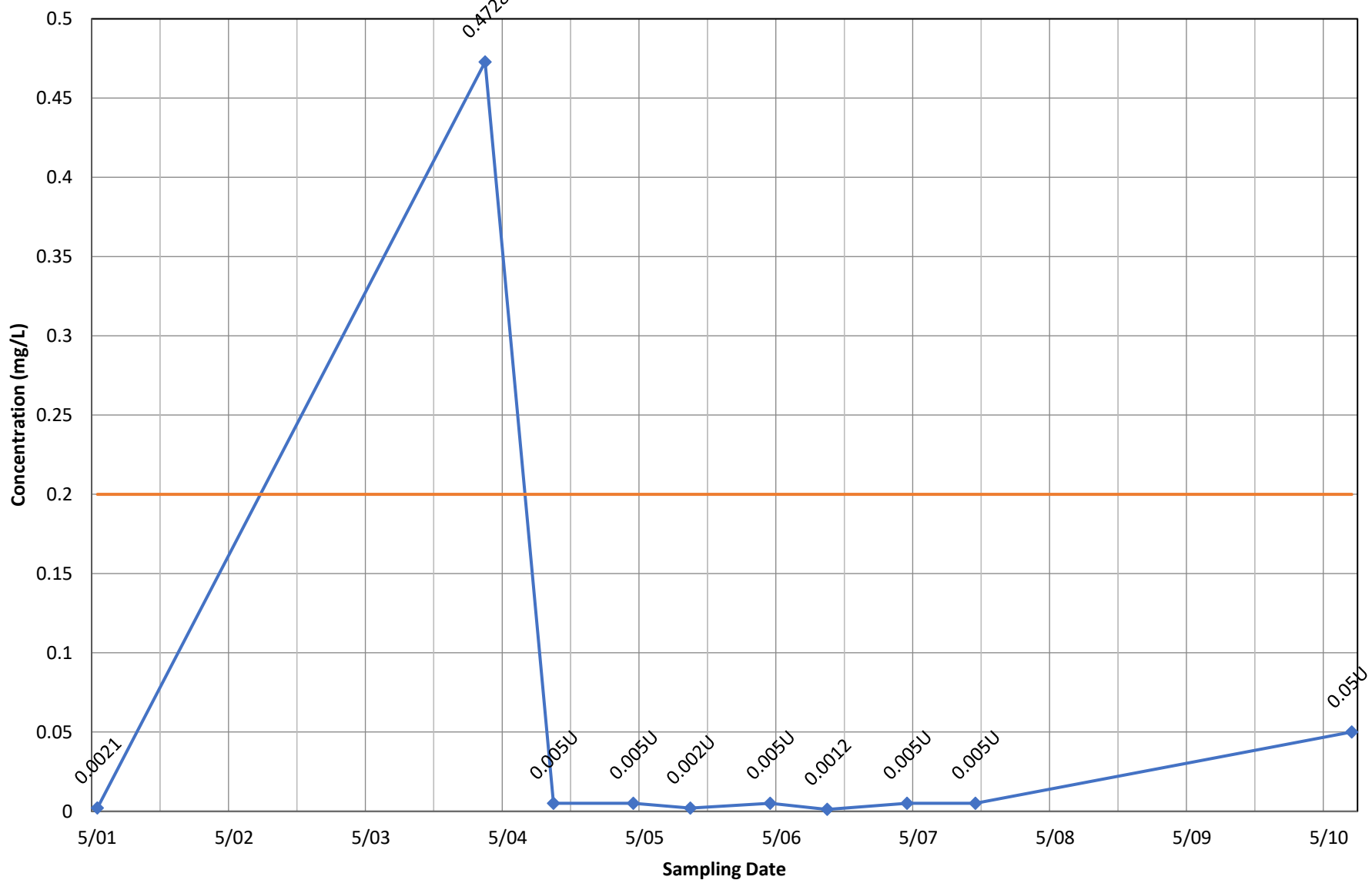


Monitoring Well ST015 - 1,2-Dibromoethane



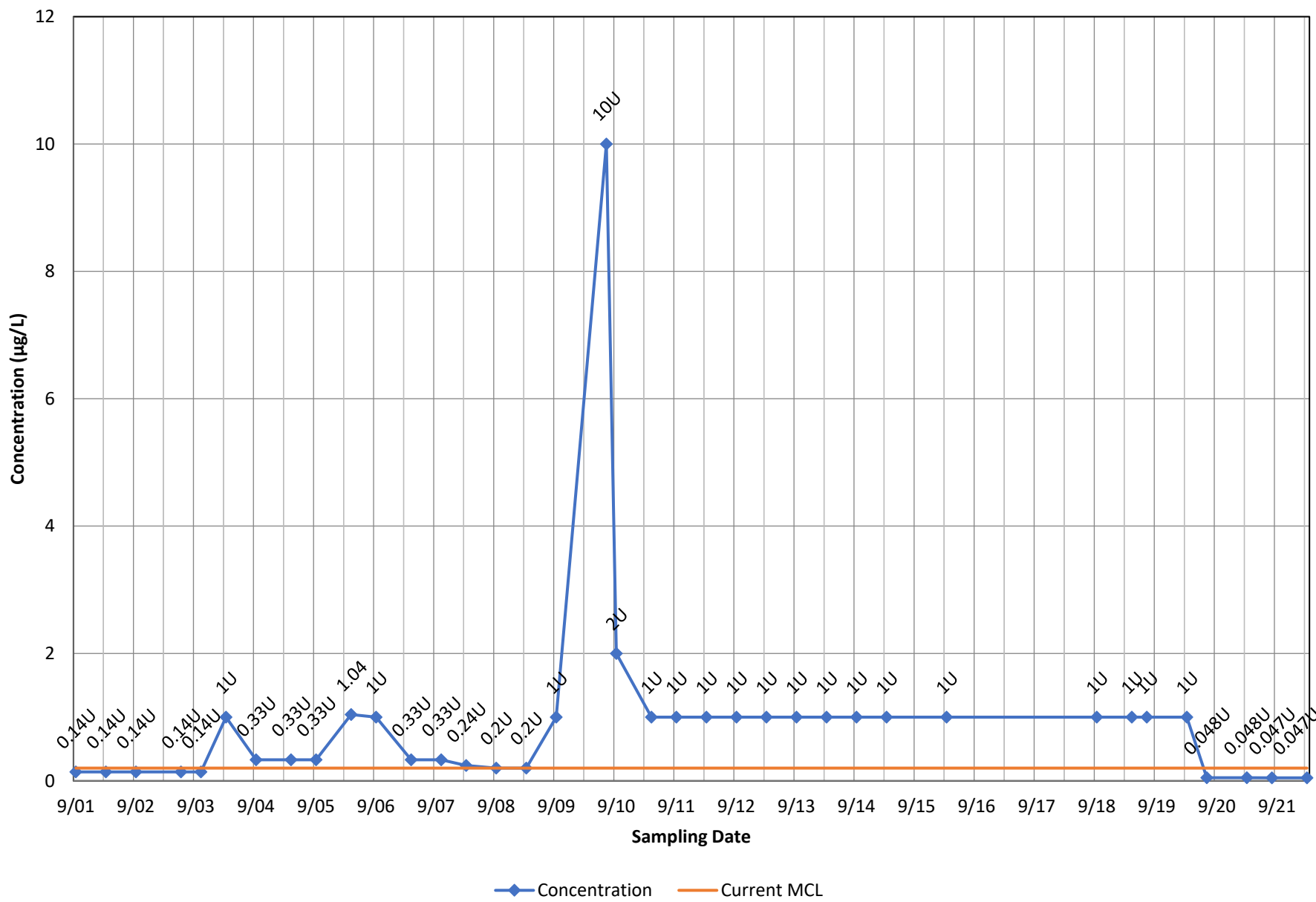
◆ Concentration — Current MCL

Monitoring Well ST015 - Cyanide, Total

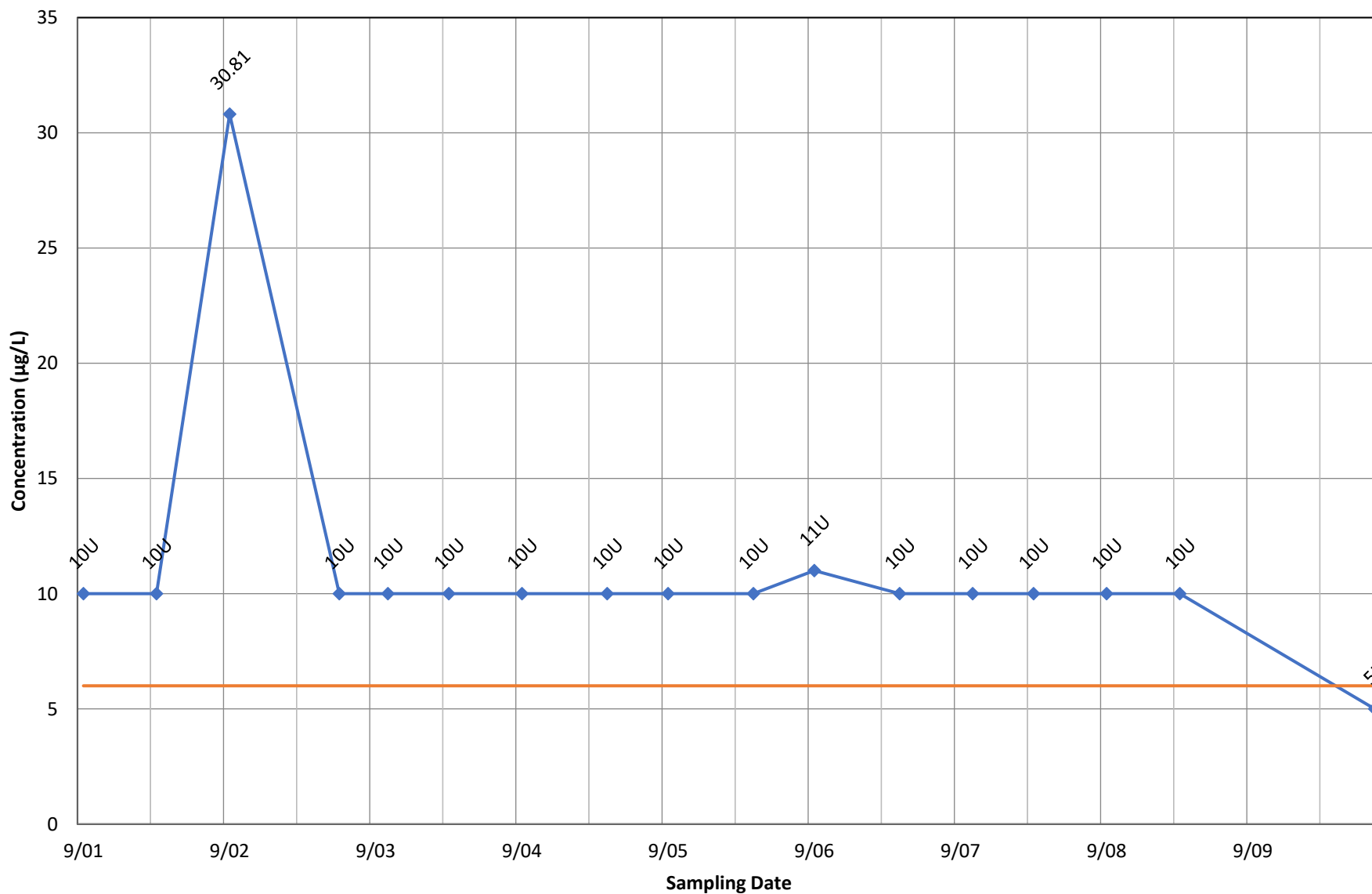


◆ Concentration — Current MCL

Monitoring Well ST065 - 1,2-Dibromo-3-chloropropane

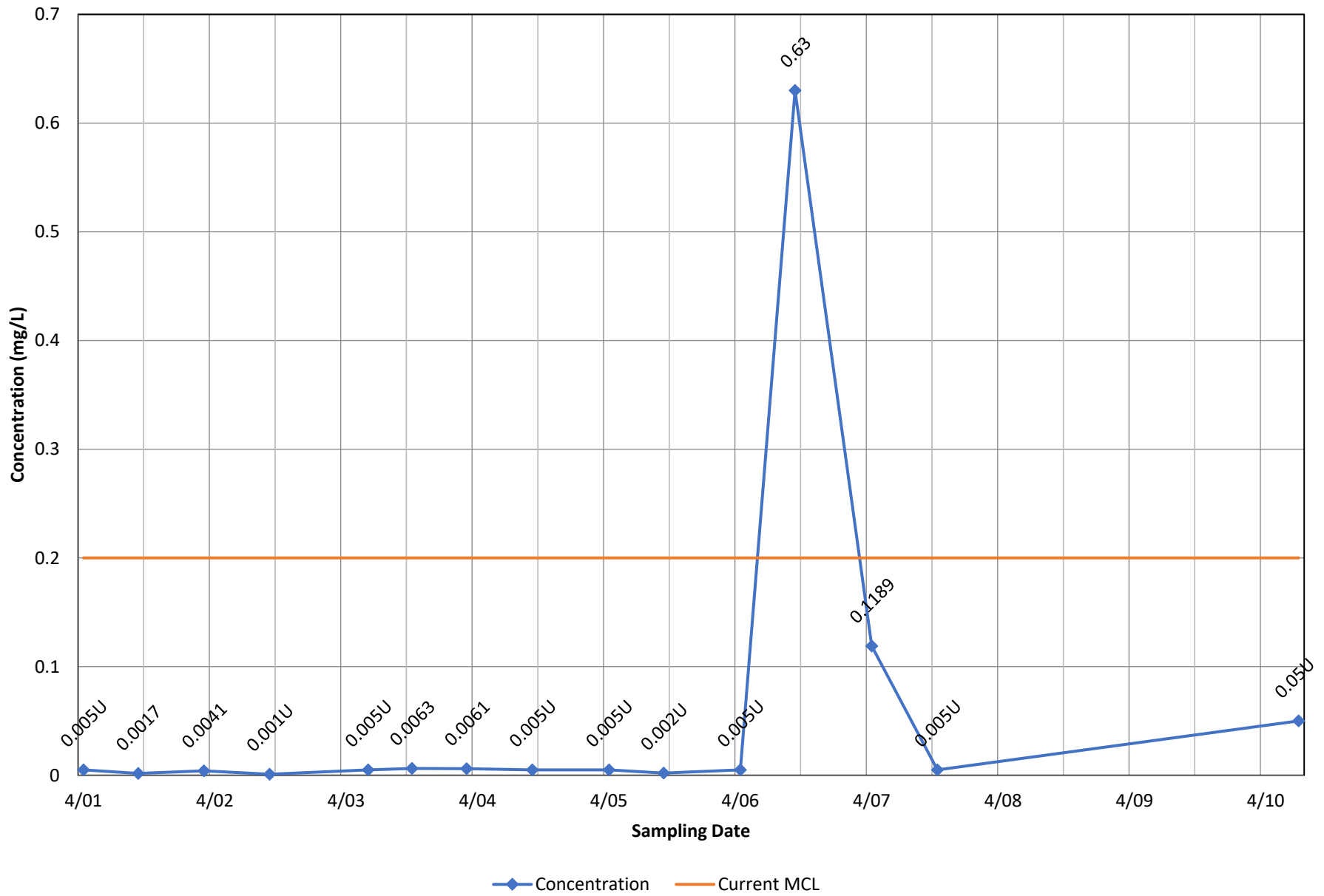


Monitoring Well ST065 - Bis(2-Ethylhexyl) Phthalate

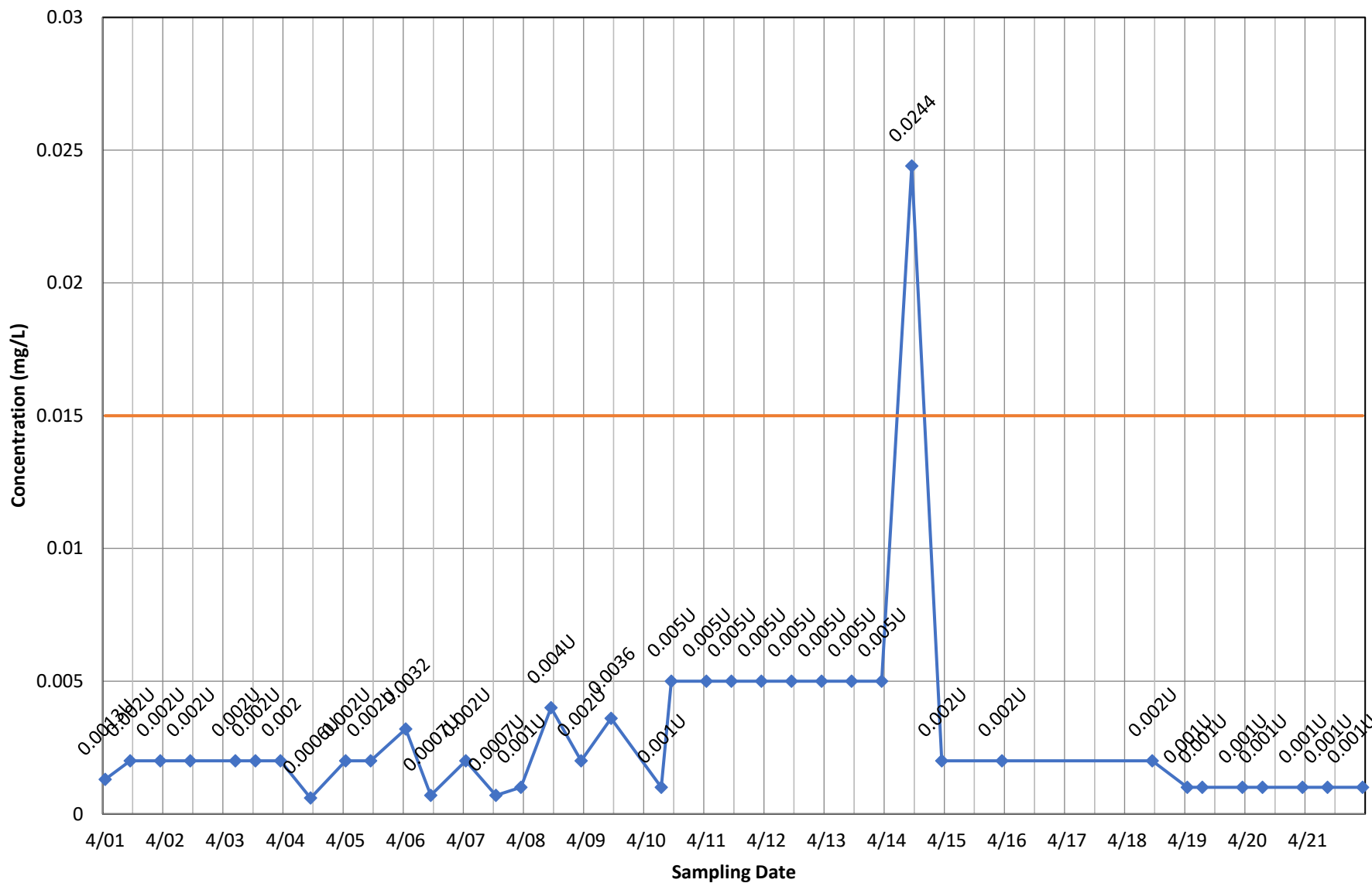


◆ Concentration — Current MCL

Monitoring Well ST065 - Cyanide, Total

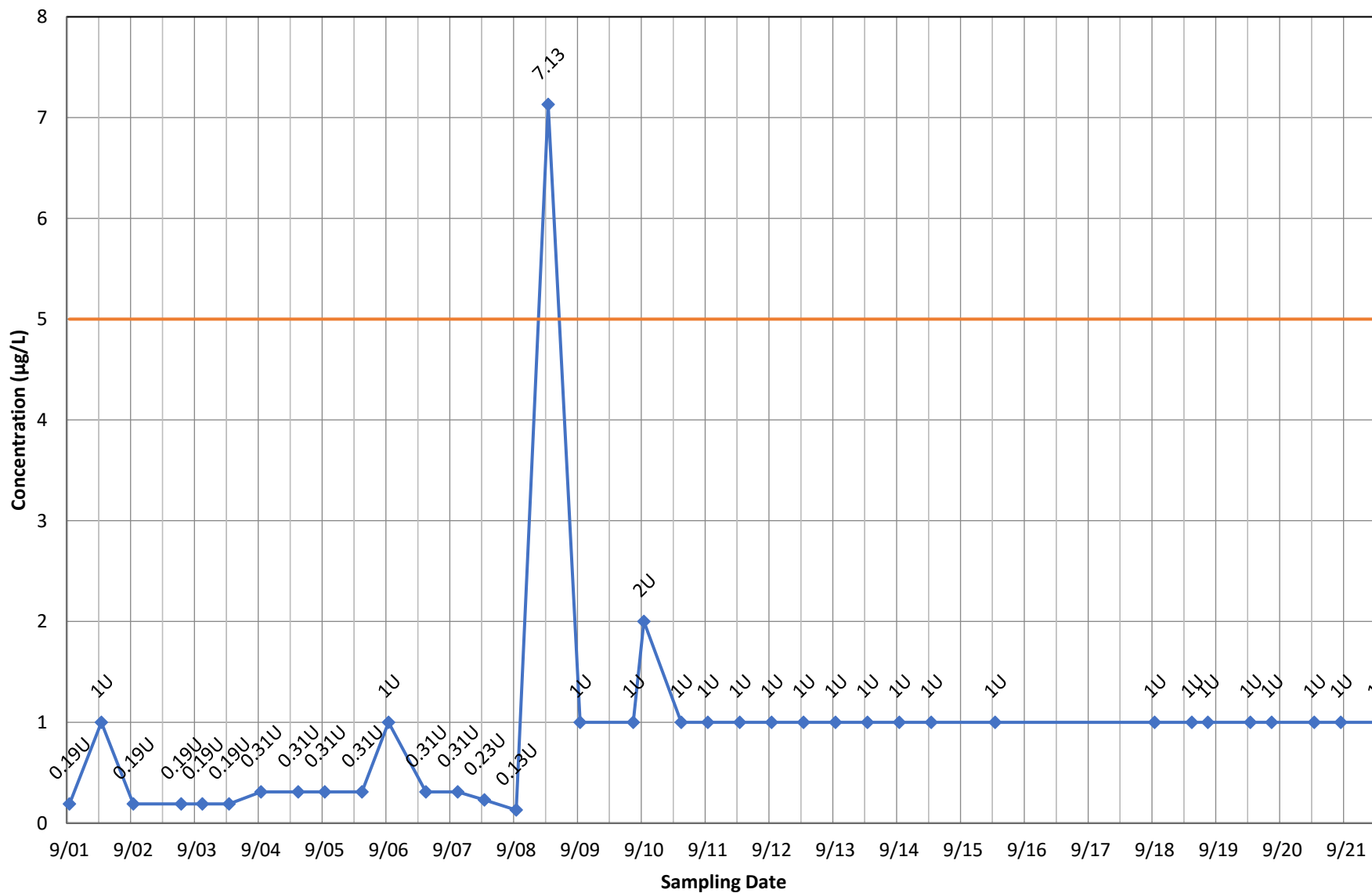


Monitoring Well ST065 - Lead, total



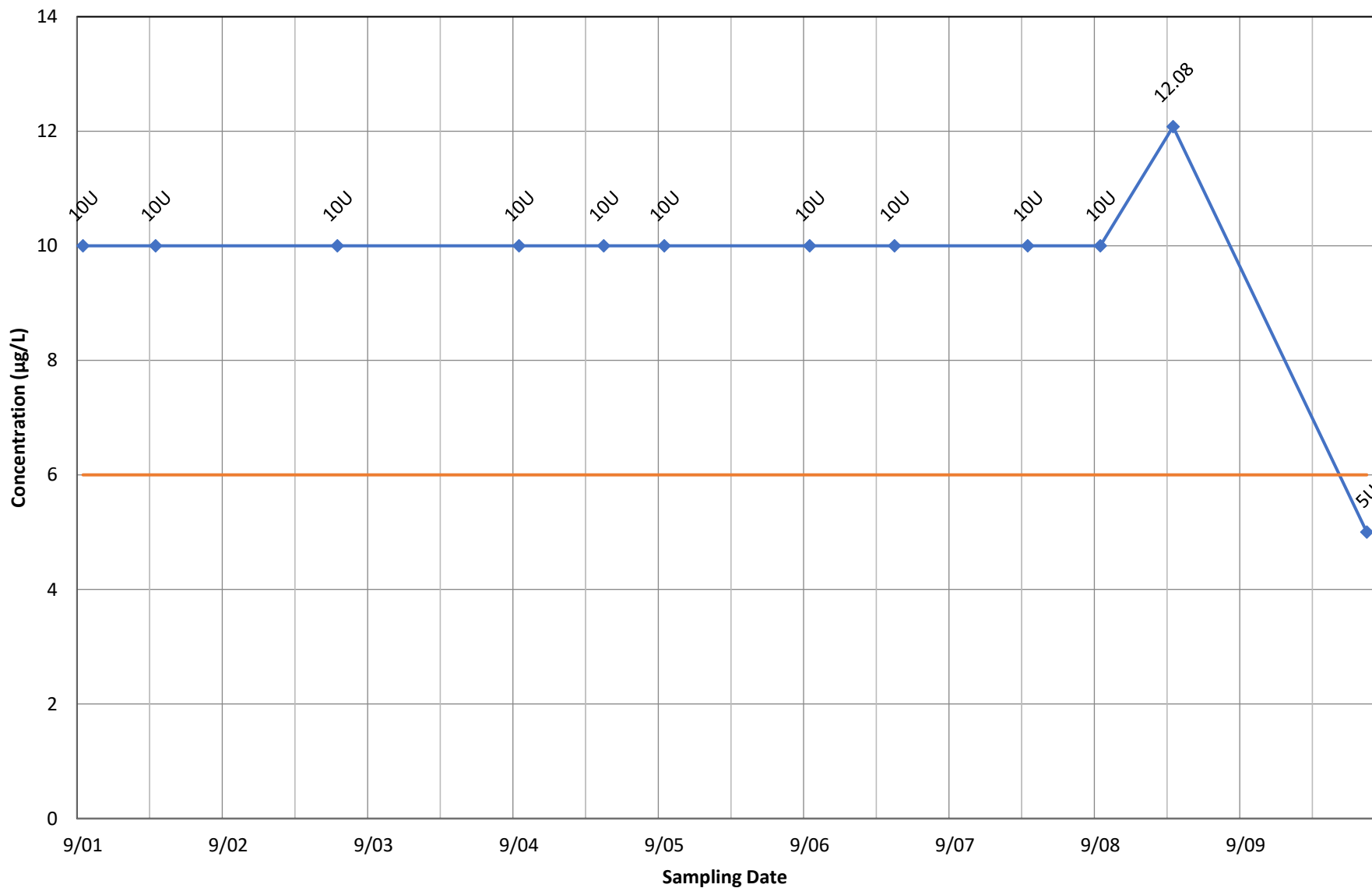
◆ Concentration — Current MCL

Monitoring Well ST065 - Trichloroethene



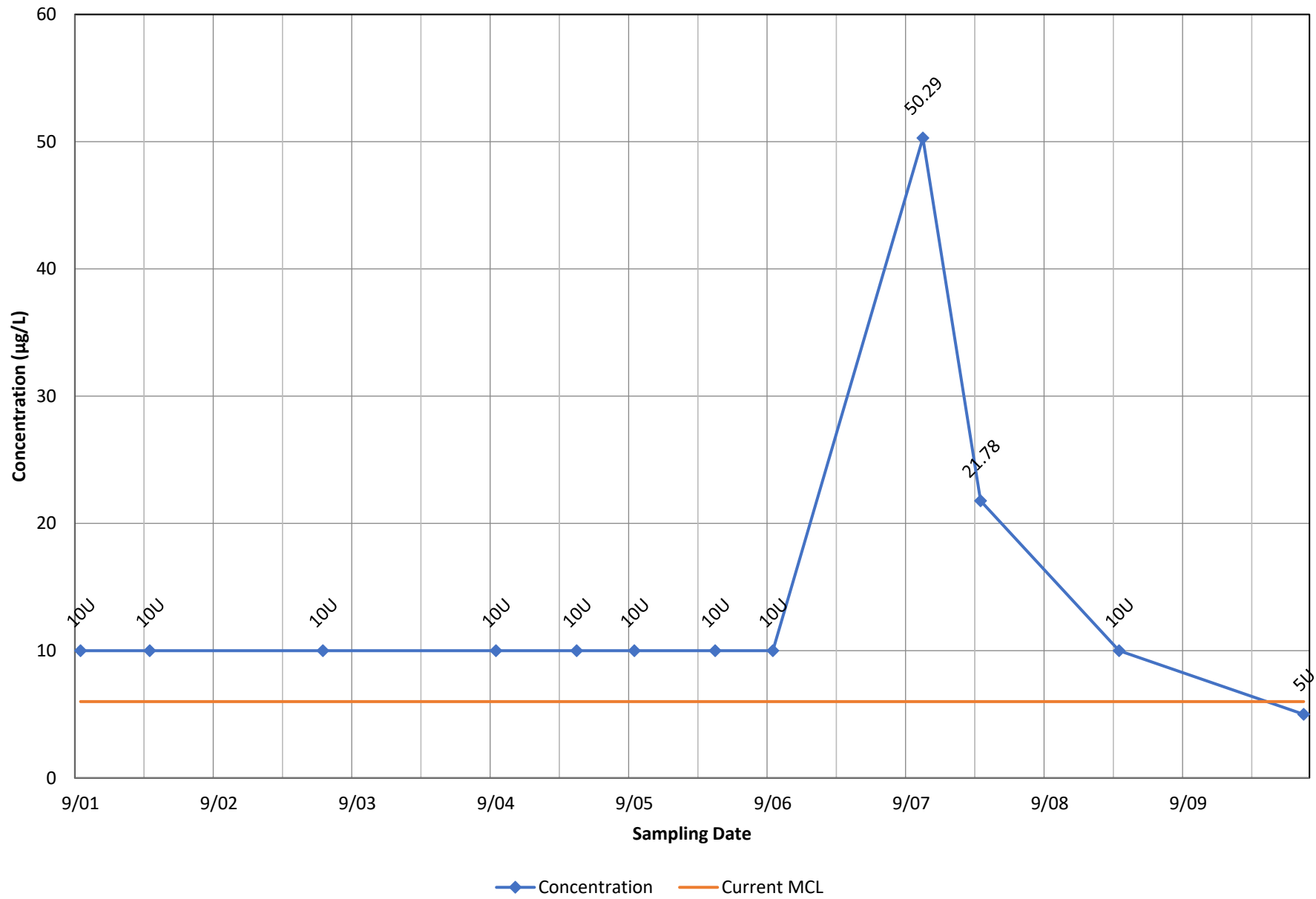
◆ Concentration — Current MCL

Monitoring Well ST120 - Bis(2-Ethylhexyl) Phthalate

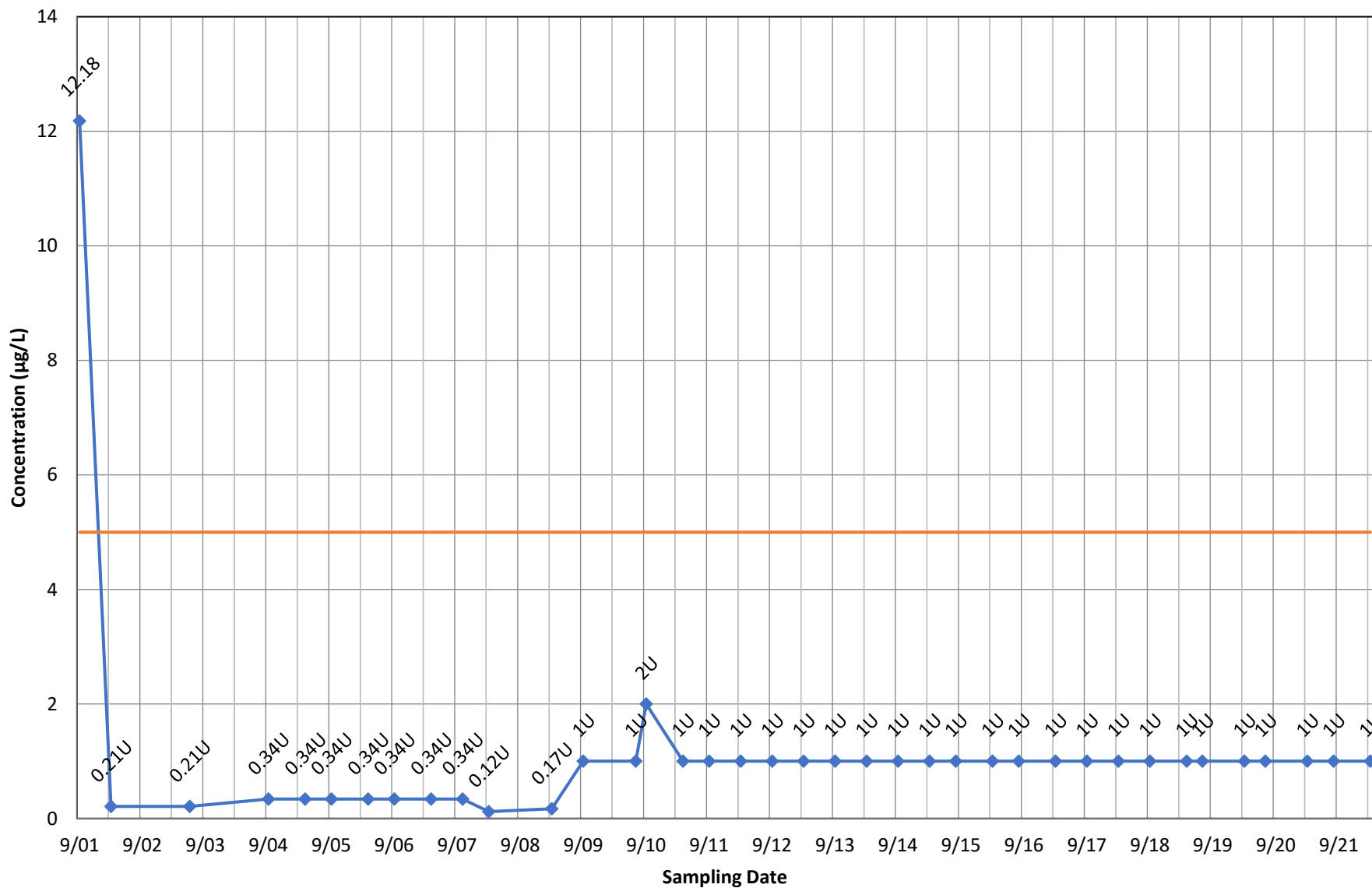


◆ Concentration — Current MCL

Monitoring Well ST70 - Bis(2-Ethylhexyl) Phthalate

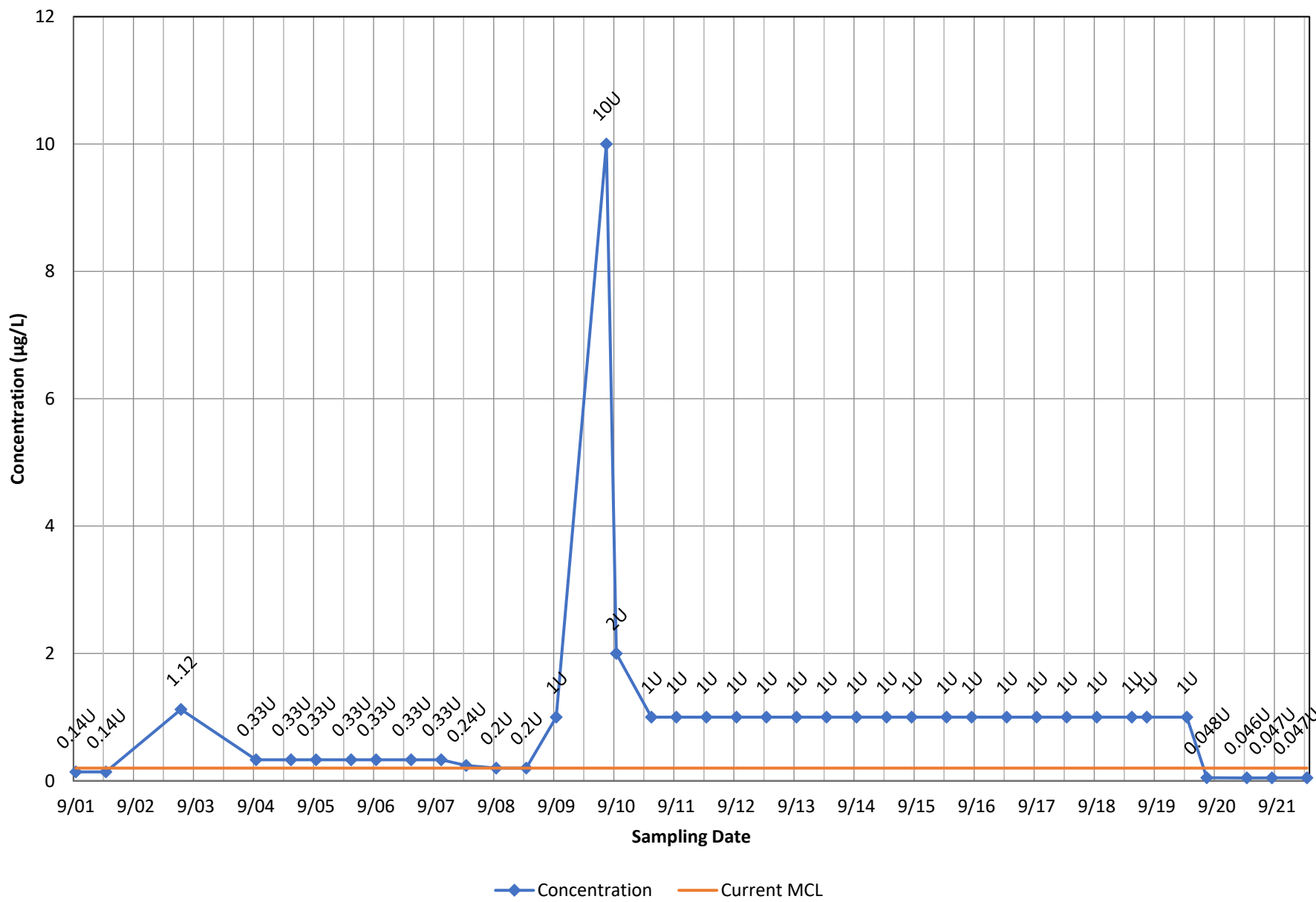


Monitoring Well ST70 - Methylene Chloride

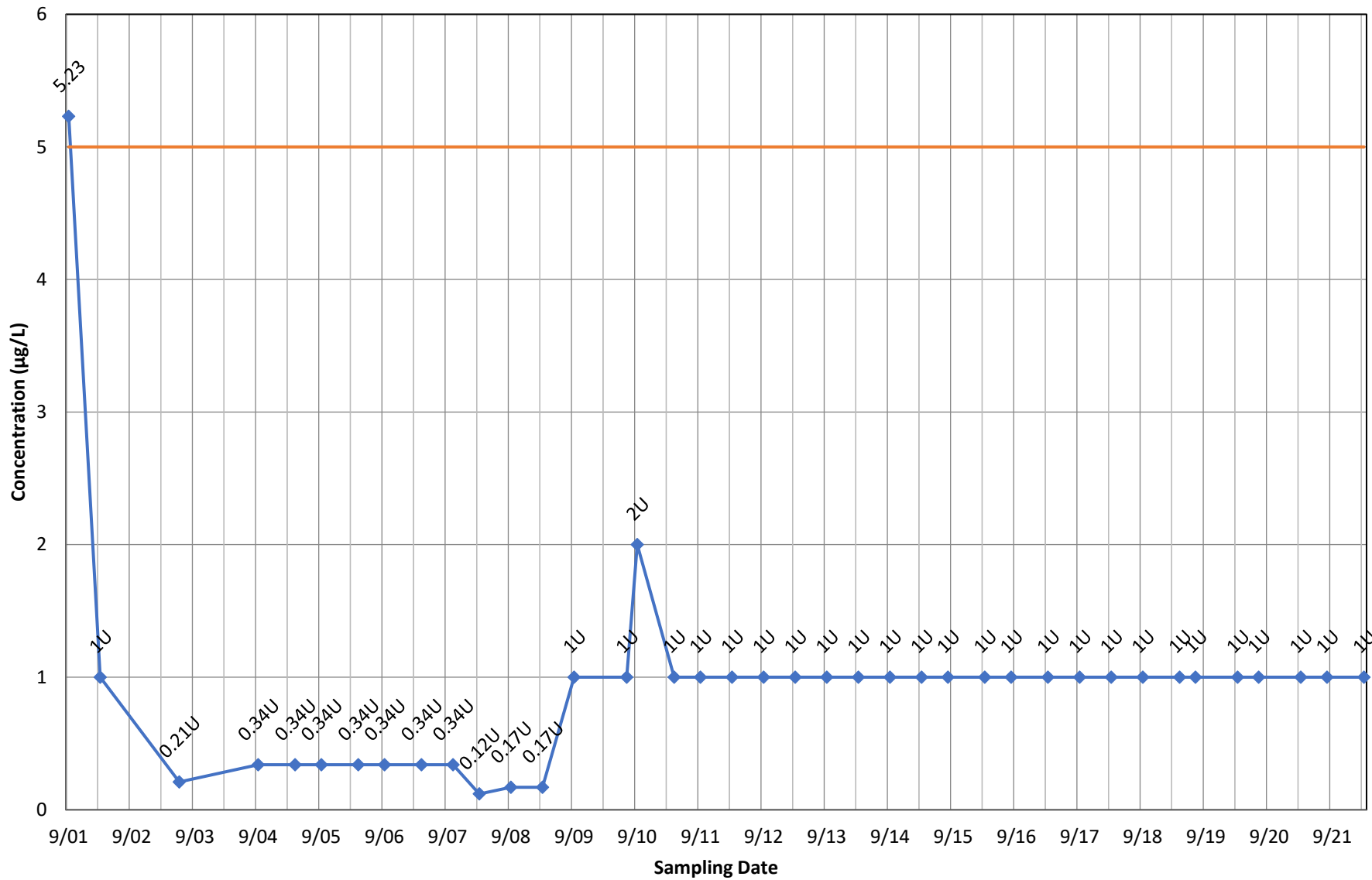


◆ Concentration — Current MCL

Monitoring Well ST80 - 1,2-Dibromo-3-chloropropane



Monitoring Well ST80 - Methylene Chloride



◆ Concentration — Current MCL

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Appendix E
Historical Data Tables

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Gude Landfill
Monitoring Location MW-1B - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/19/11	0.005 U	0.005 U	0.007	0.005 U	0.005 U	7.9	0.01 U	0.01 U	0.005 U	0.5 U	0.005 U	4.1	0.007	0.0002 U
9/12/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/12/12	0.005 U	0.005 U	0.006	0.005 U	0.005 U	9.0	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	5.0	--	0.0002 U
9/18/12	0.005 U	0.005 U	0.010	0.005 U	0.005 U	10.1	0.01 U	0.01 U	0.005 U	0.3	0.005 U	5.5	0.157	0.0002 U
4/1/13	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	9.0	0.01 U	0.01 U	0.012	0.2 U	0.005 U	4.7	0.008	0.0002 U
9/23/13	0.005 U	0.005 U	0.007	0.005 U	0.005 U	8.4	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	4.6	0.005	0.0002 U
3/24/14	0.005 U	0.005 U	0.006	0.005 U	0.005 U	8.1	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	5.0	0.005 U	0.0002 U
9/3/14	0.005 U	0.005 U	0.006	0.005 U	0.005 U	7.5	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	4.0	0.005 U	0.0002 U
3/17/15	0.002 U	0.002 U	0.010 U	0.002 U	0.004 U	5.9	0.01 U	0.01 U	0.010 U	0.0 U	0.002 U	3.7	0.005 U	0.0002 U
9/2/15	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U	6.0	0.01 U	0.01 U	0.005 U	0.0 U	0.001 U	3.6	0.008 J	0.0002 U
3/22/16	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	6.1	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	3.5	0.002 U	0.0044
9/6/16	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	6.4	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	3.9	0.002 U	0.0002 U
3/9/17	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	6.9	0.00 U	0.00 U	0.003	0.2 U	0.002 U	4.0	0.006	0.0002 U
9/11/17	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	7.4	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	4.3	0.002 U	0.0002 U
4/5/18	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	7.9	0.00 U	0.00 U	0.002 U	0.1 U	0.002 U	4.7	0.002 U	0.0002 U
9/11/18	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	7.9	0.00 U	0.00 U	0.002 U	0.1 U	0.002 U	4.7	0.007	0.0002 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-1B - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/19/11	0.01 U	1.0	0.005 U	0.01 U	8.2	0.005 U	0.01 U	0.005 U
9/12/11	0.01	--	--	--	--	--	--	--
3/12/12	0.01	1.1	0.005 U	0.01 U	9.1	0.005 U	0.01 U	0.007
9/18/12	0.27	1.5	0.005 U	0.01 U	9.6	0.005 U	0.01 U	0.033
4/1/13	0.01	1.4	0.005 U	0.01 U	12.3	0.005 U	0.01 U	0.005 J
9/23/13	0.01	1.1	0.005 U	0.01 U	7.8	0.005 U	0.01 U	0.005
3/24/14	0.01 U	1.1	0.005 U	0.01 U	8.9	0.005 U	0.01 U	0.006
9/3/14	0.01 U	1.0	0.005 U	0.01 U	7.5	0.005 U	0.01 U	0.008
3/17/15	0.01 U	0.9	0.035 U	0.01 U	7.1	0.002 U	0.01 U	0.010 U
9/2/15	0.01 U	1.0	0.005 U	0.00 U	7.6	0.001 U	0.01 U	0.005 U
3/22/16	0.00 U	0.9	0.002 U	0.00 U	6.7	0.001 U	0.00 U	0.002 U
9/6/16	0.00 U	0.9	0.002 U	0.00 U	7.3	0.001 U	0.00 U	0.002 U
3/9/17	0.00 U	1.0	0.002 U	0.00 U	7.5	0.001 U	0.00 U	0.002
9/11/17	0.00 U	1.0	0.002 U	0.00 U	7.6	0.001 U	0.00 U	0.002
4/5/18	0.00 U	1.1	0.002 U	0.00 U	8.1	0.001 U	0.00 U	0.002 U
9/11/18	0.00 U	1.1	0.002 U	0.00 U	7.5	0.001 U	0.00 U	0.002 U

Gude Landfill
Monitoring Location MW-1B - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS					0.2			10		1				
7/28/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/30/10	48.0	0.20 U	10.0 U	2.5000 U	--	--	30.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
4/19/11	49.0	0.20 U	6.5	2.5000 U	--	--	36.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/12/11	49.0	0.20 U	10.0 U	2.5000 U	--	--	33.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/12/12	58.0	0.20 U	10.0 U	2.7500	--	--	60.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/18/12	52.0	0.20 U	10.0 U	3.3300	--	--	80.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
4/1/13	49.0	0.20 U	10.0 U	3.2400	--	7.44	36.0	0.2000 U	0.20 U	0.05 U	450.0	6.21	--	113.1
9/23/13	49.0	0.20 U	10.0 U	3.2700	--	7.79	40.0	0.2000 U	0.20 U	0.05 U	376.0	6.10	--	95.5
3/24/14	47.0	0.20 U	10.0 U	3.9600	--	7.85	50.0	0.2000 U	--	--	401.0	6.12	--	86.0
9/3/14	43.0	0.20 U	10.0 U	2.6000	--	8.38	42.0	0.2000 U	0.20 U	0.05 U	380.0	6.35	--	78.3
3/17/15	45.0	0.20 U	10.0 U	3.6600	--	0.00	40.0	0.2000 U	0.20 U	0.05 U	350.0	6.52	--	70.9
9/2/15	46.0	0.20 U	10.0 U	2.5000 U	--	8.20	42.0	0.2000 U	0.20 U	0.05 U	321.0	5.96	--	80.3
3/22/16	44.0	0.20 U	10.0 U	2.5000 U	--	0.00	32.0	0.2000 U	0.20 U	0.05 U	354.0	6.07	--	44.0
9/6/16	53.0	0.20 U	10.0 U	2.7100	--	8.24	68.0	0.2000 U	0.20 U	0.05 U	346.0	5.92	--	89.0
3/9/17	47.0	0.20 U	10.0 U	2.8200	--	--	42.0	0.2000 U	0.20 U	0.05 U	365.0	6.02	--	88.9
9/11/17	68.0	0.20 U	10.0 U	3.0400	--	7.39	92.0	0.2000 U	0.20 U	0.05 U	472.0	6.25	--	92.9
4/5/18	49.8	0.20 U	10.0 U	3.5300	--	--	43.2	0.2220	0.23	0.05 U	253.0	6.14	--	94.4
9/11/18	49.5	0.20 U	10.0 U	3.1100	--	--	39.7	0.2050	0.22	0.05 U	225.0	5.82	--	101.3
4/19/19	43.7	0.10 U	3.0 U	2.7000	--	7.86	29.7	0.2000 U	--	--	210.4	6.13	5.48	109.6

Gude Landfill
Monitoring Location MW-1B - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
8/9/19	43.4	0.10 U	3.0 U	2.5000	--	8.52	28.1	0.2000 U	--	--	198.6	5.79	6.30	0.1
3/4/20	45.1	0.10 U	3.0 U	2.6000	--	8.27	29.5	0.1500 J	--	--	232.2	5.99	6.58	92.2
7/30/20	39.2	0.11	4.8	2.6000	--	7.55	31.2	0.1500 J	--	--	149.7	5.99	6.47	101.1
3/23/21	41.6	0.10 U	3.0 U	2.3700	--	8.17	27.8	0.1570	--	--	211.7	6.04	6.23	104.1
9/2/21	48.9	0.05 U	12.1	1.9900	--	7.91	30.0	0.2040	--	--	198.4	6.30	6.38	79.4
3/28/22	50.6	0.02 J	3.0 U	2.2900	--	8.32	37.0	0.1770	--	--	122.3	6.12	6.23	865.0

Gude Landfill
Monitoring Location MW-1B - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS								
7/28/10	--	--	3.0 U	--	--	--	--	--
9/30/10	--	4.00 U	--	--	440.0	--	28.200	--
4/19/11	--	4.00 U	--	--	92.0	--	39.400	--
9/12/11	--	4.00 U	--	--	80.0	--	--	--
3/12/12	--	4.00 U	--	--	92.0	--	--	--
9/18/12	--	4.00 U	--	--	92.0	--	--	--
4/1/13	--	4.00 U	--	16.4	136.0	--	--	47.70
9/23/13	--	4.00 U	--	16.4	90.0	--	--	33.90
3/24/14	--	4.00 U	--	15.8	67.0	--	--	12.30
9/3/14	--	4.00 U	--	16.8	70.0	--	--	37.50
3/17/15	--	4.00 U	--	19.2	98.0	--	--	1.20
9/2/15	--	4.00 U	--	19.1	1.0 U	--	--	2.90
3/22/16	--	4.00 U	--	17.0	172.0	--	--	2.20
9/6/16	--	4.00 U	--	21.2	74.0	--	--	34.50
3/9/17	--	4.00 U	--	22.0	10.0 U	--	--	8.60
9/11/17	--	4.00 U	--	15.5	74.0	--	--	0.50
4/5/18	--	4.00 U	--	9.6	91.0	--	--	11.10
9/11/18	--	4.00 U	--	17.4	59.0	--	--	13.80
4/19/19	89.3	1.00 U	--	16.5	106.0	22.9	4.750	6.80

Gude Landfill

Monitoring Location MW-1B - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
8/9/19	88.6	1.00 U	--	16.9	69.0	5.8	1.250	0.70
3/4/20	93.3	1.00 U	--	18.9	76.0	5.2	1.910	36.10
7/30/20	87.3	1.00 U	--	18.8	75.0	27.9	6.160	22.10
3/23/21	87.0	0.70	--	18.1	71.5	2.1 U	0.578	4.90
9/2/21	90.0	0.30 U	--	16.4	68.0 B	47.4	2.960	47.10
3/28/22	96.3	0.30 U	--	15.5	71.3	114.0	35.000	105.00

Gude Landfill
Monitoring Location MW-1B - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
7/28/10	0.0010 U	0.0010	0.0062	0.0010 U	0.0010 U	--	0.0190	0.0024	0.0095	--	0.00170	--
9/30/10	0.0050 U	0.0050 U	0.0057	0.0050 U	0.0050 U	6.83	0.0055	0.0050 U	0.0086	1.2200	0.00500 U	3.720
4/19/11	0.0050 U	0.0050 U	0.0081	0.0050 U	0.0050 U	8.18	0.0050 U	0.0050 U	0.0050 U	0.6510	0.00500 U	4.580
9/12/11	0.0050 U	0.0050 U	0.0089	0.0050 U	0.0050 U	6.92	0.0050	0.0050 U	0.0080	1.5600	0.00552	4.340
3/12/12	0.0050 U	0.0050 U	0.0084	0.0050 U	0.0050 U	8.77	0.0085	0.0050 U	0.0104	2.2200	0.00500 U	5.740
9/18/12	0.0050 U	0.0050 U	0.0338	0.0100 U	0.0050 U	10.40	0.2330	0.0205	0.0802	17.6000	0.01170	11.600
4/1/13	0.0050 U	0.0050 U	0.0061	0.0050 U	0.0050 U	9.07	0.0052	0.0050 U	0.0159	1.3400	0.00500 U	5.420
9/23/13	0.0050 U	0.0050 U	0.0085	0.0050 U	0.0050 U	8.27	0.0071	0.0050 U	0.0057	0.6230	0.00500 U	4.560
3/24/14	0.0050 U	0.0050 U	0.0070	0.0050 U	0.0050 U	7.81	0.0050 U	0.0050 U	0.0050 U	0.2890	0.00500 U	4.630
9/3/14	0.0050 U	0.0050 U	0.0085	0.0050 U	0.0050 U	7.68	0.0050 U	0.0050 U	0.0053	0.9920	0.00500 U	4.360
3/17/15	0.0020 U	0.0020 U	0.0100 U	0.0020 U	0.0040 U	6.00	0.0100 U	0.0100 U	0.0025 J	0.8500	0.00200 U	4.100
9/2/15	0.0010 U	0.0010 U	0.0050 U	0.0010 U	0.0005 U	5.90	0.0050 U	0.0050 U	0.0050 U	0.4200	0.00100 U	3.700
3/22/16	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	6.14	0.0020 U	0.0020 U	0.0020 U	0.2000 U	0.00200 U	3.540
9/6/16	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	6.55	0.0020 U	0.0020 U	0.0020 U	0.2000 U	0.00200 U	3.940
3/9/17	0.0050 U	0.0050 U	0.0073	0.0050 U	0.0050 U	9.17	0.0050 U	0.0050 U	0.0050 U	0.2000 U	0.00500 U	4.950
9/11/17	0.0050 U	0.0050 U	0.0057	0.0050 U	0.0050 U	9.01	0.0050 U	0.0050 U	0.0050 U	0.2620	0.00500 U	4.910
4/5/18	0.0050 U	0.0050 U	0.0061	0.0050 U	0.0050 U	9.00	0.0050 U	0.0050 U	0.0050 U	0.3280	0.00500 U	5.040
9/11/18	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	7.95	0.0050 U	0.0050 U	0.0050 U	0.1100	0.00500 U	4.820
4/19/19	0.0010 U	0.0010 U	0.0018	0.0010 U	0.0010 U	5.28	0.0012	0.0010 U	0.0028	0.4190	0.00100 U	4.020
8/9/19	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	5.00	0.0051	0.0010 U	0.0010 U	0.1280	0.00100 U	3.800
3/4/20	0.0010 U	0.0010 U	0.0016	0.0010 U	0.0010 U	5.51	0.0030	0.0010 U	0.0010 U	0.1160	0.00100 U	3.820
7/30/20	0.0010 U	0.0010 U	0.0032	0.0010 U	0.0010 U	5.46	0.0123	0.0010 U	0.0024	0.7740	0.00100 U	4.260
3/23/21	0.0010 U	0.0010 U	0.0011	0.0010 U	0.0010 U	5.11	0.0010 U	0.0010 U	0.0010 U	0.0441 J	0.00100 U	3.660

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-1B - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
9/2/21	0.0010 U	0.0010 U	0.0030	0.0010 U	0.0010 U	5.40	0.0134	0.0010 U	0.0019	0.5830	0.00100 U	4.000
3/28/22	0.0010 U	0.0010 U	0.0040	0.0010 U	0.0010 U	8.21	0.0200	0.0023	0.0062	0.8720	0.00164	4.010

Gude Landfill
Monitoring Location MW-1B - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002			
7/28/10	--	0.000200 U	0.0140	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00590	0.02600
9/30/10	0.03800	0.000200 U	0.0055	1.250	0.00500 U	0.0050 U	10.20	0.0050 U	--	0.00500 U	0.01020
4/19/11	0.04950	0.000200 U	0.0050 U	1.150	0.00500 U	0.0050 U	8.37	0.0050 U	--	0.00500 U	0.00685
9/12/11	0.04410	0.000200 U	--	1.470	0.00500 U	0.0050 U	6.78	0.0050 U	--	0.00500 U	0.01450
3/12/12	0.05410	0.000200 U	0.0050 U	1.360	0.00500 U	0.0050 U	8.88	0.0050 U	--	0.00500 U	0.01790
9/18/12	0.51600	0.000200 U	0.0716	3.470	0.00500 U	0.0050 U	8.62	0.0050 U	--	0.02200	0.10900
4/1/13	0.04360	0.000200 U	0.0050 U	1.530	0.00500 U	0.0050 U	12.80	0.0050 U	--	0.00500 U	0.01200
9/23/13	0.01890	0.000200 U	0.0050 U	1.060	0.00500 U	0.0050 U	7.40	0.0050 U	--	0.00500 U	0.00722
3/24/14	0.01860	0.000200 U	0.0050 U	1.060	0.00500 U	0.0050 U	8.04	0.0050 U	--	0.00500 U	0.00628
9/3/14	0.02790	0.000200 U	0.0051	1.140	0.00500 U	0.0050 U	7.31	0.0050 U	--	0.00500 U	0.01430
3/17/15	0.02200	0.000200 U	0.0110 U	1.000	0.03500 U	0.0100 U	7.20	0.0020 U	--	0.01000 U	0.00680 J
9/2/15	0.01000 U	0.000200 U	0.0100 U	1.100	0.00500 U	0.0010 U	7.50	0.0010 U	--	0.00500 U	0.00500 U
3/22/16	0.00200 U	0.000200 U	0.0020 U	0.895	0.00200 U	0.0020 U	6.74	0.0010 U	--	0.00200 U	0.00200 U
9/6/16	0.00579	0.000200 U	0.0020 U	0.973	0.00200 U	0.0020 U	7.38	0.0010 U	--	0.00200 U	0.00200 U
3/9/17	0.00877	0.000200 U	0.0050 U	1.150	0.00500 U	0.0050 U	8.53	0.0050 U	--	0.00500 U	0.00500 U
9/11/17	0.00897	0.000200 U	0.0050 U	1.120	0.00500 U	0.0050 U	8.55	0.0050 U	--	0.00500 U	0.03070
4/5/18	0.01160	0.000200 U	0.0050 U	1.170	0.00500 U	0.0050 U	8.38	0.0050 U	--	0.00500 U	0.02380
9/11/18	0.00500 U	0.000200 U	0.0050 U	1.130	0.00500 U	0.0050 U	8.32	0.0050 U	--	0.00500 U	0.00500 U
4/19/19	0.01190	0.000100 U	0.0011	1.080	0.00100 U	0.0010 U	7.62	0.0010 U	--	0.00112	0.00645
8/9/19	0.00313	0.000100 U	0.0036 B	0.945	0.00100 U	0.0010 U	7.44	0.0010 U	--	0.00100 U	0.00400 U
3/4/20	0.00359	0.000100 U	0.0020	1.040	0.00100 U	0.0010 U	7.54	0.0010 U	--	0.00100 U	0.00400 U
7/30/20	0.01910	0.000100 U	0.0072	1.150	0.00100 U	0.0010 U	8.00	0.0010 U	--	0.00182	0.00469
3/23/21	0.00148	0.000100 U	0.0010 U	0.937	0.00100 U	0.0010 U	7.29	0.0010 U	--	0.00100 U	0.00400 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-1B - Total Metals

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
9/2/21	0.01630	0.000100 U	0.0115	1.140	0.00100 U	0.0010 U	7.84	0.0010 U	--	0.00113	0.00400 U
3/28/22	0.06600	0.000100 U	0.0201	2.390 B	0.00100 U	0.0010 U	7.58	0.0010 U	--	0.00183	0.01060

Gude Landfill

Printed 5/25/22

Monitoring Location MW-1B - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600		5	5	75
7/28/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/19/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/12/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/18/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/3/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/19/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/9/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/4/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location MW-1B - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
7/30/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-1B - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
7/28/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/19/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/15	5.00 U	5.00 U	5.00 U	10.00	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/19/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/9/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/4/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location MW-1B - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
7/30/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-1B - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
7/28/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/19/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/12/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/18/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/19/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/9/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/4/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-1B - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
7/30/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-1B - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
7/28/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
4/19/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/1/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/23/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/24/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/3/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/17/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/2/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/22/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/6/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/9/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/5/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/19/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/9/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/4/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill

Printed 5/25/22

Monitoring Location MW-1B - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
7/30/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/28/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location MW-2A - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/19/11	0.005 U	0.005 U	0.013	0.005 U	0.005 U	7.2	0.01 U	0.01 U	0.005 U	0.5 U	0.005 U	3.1	0.104	0.0002 U
9/7/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/6/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/11/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/11/13	0.005 U	0.005 U	0.016	0.005 U	0.005 U	10.5	0.01 U	0.01 U	0.006	0.5	0.005 U	4.4	0.234	0.0002 U
9/2/14	0.005 U	0.005 U	0.026	0.005 U	0.005 U	5.7	0.01 U	0.01	0.005 U	0.2 U	0.005 U	3.2	0.401	0.0002 U
3/17/15	0.002 U	0.002 U	0.011	0.002 U	0.004 U	5.0	0.01 U	0.01 U	0.010 U	0.0 U	0.002 U	2.9	0.180	0.0002 U
9/3/15	0.001 U	0.001 U	0.011	0.001 U	0.001 U	4.9	0.01 U	0.00 J	0.003 J	0.1	0.001 U	2.9	0.300	0.0002 U
3/17/16	0.002 U	0.002 U	0.010	0.002 U	0.002 U	6.5	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	3.3	0.041	0.0002 U
8/31/16	0.002 U	0.002 U	0.010	0.002 U	0.002 U	9.0	0.00 U	0.00 U	0.005	0.2 U	0.002 U	4.6	0.034	0.0002 U
3/7/17	0.002 U	0.002 U	0.014	0.002 U	0.002 U	8.5	0.00	0.00 U	0.005	0.3	0.002 U	3.7	0.193	0.0002 U

Gude Landfill

Monitoring Location MW-2A - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/19/11	0.01	1.7	0.005 U	0.01 U	6.7	0.005 U	0.01 U	0.015
9/7/11	0.01	--	--	--	--	--	--	--
3/6/12	0.03	--	--	--	--	--	--	--
9/11/12	0.03	--	--	--	--	--	--	--
9/11/13	0.03	2.0	0.005 U	0.01 U	7.5	0.005 U	0.01 U	0.031
9/2/14	0.01 U	1.6	0.005 U	0.01 U	4.2	0.005 U	0.01 U	0.028
3/17/15	0.01 U	1.6	0.035 U	0.01 U	4.7	0.002 U	0.01 U	0.006 J
9/3/15	0.04	1.7	0.005 U	0.00 U	4.6	0.001 U	0.01 U	0.013
3/17/16	0.00 U	1.5	0.002 U	0.00 U	6.2	0.001 U	0.00 U	0.003
8/31/16	0.00	2.1	0.002 U	0.00 U	8.6	0.001 U	0.00 U	0.010
3/7/17	0.01	1.7	0.002 U	0.00 U	6.6	0.001 U	0.00 U	0.030

Gude Landfill
Monitoring Location MW-2A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS					0.2			10		1				
7/27/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/30/10	30.0	0.20 U	10.0 U	2.5000 U	--	--	19.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
4/19/11	40.0	0.20 U	7.5	2.7400	--	--	25.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/7/11	35.0	0.20 U	10.0 U	2.6900	--	--	22.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/6/12	46.0	0.20 U	10.0 U	2.6500	--	--	32.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/11/12	54.0	0.20 U	10.0 U	2.6300	--	--	32.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/11/13	56.0	0.20 U	10.0 U	5.7600	--	0.52	48.0	0.2000 U	0.20 U	0.05 U	270.0	5.31	--	104.3
3/24/14	49.0	0.20 U	10.0 U	3.3900	--	--	46.0	0.2000 U	--	--	--	--	--	--
9/2/14	28.0	0.20 U	10.0 U	3.7300	--	3.50	30.0	0.2000 J	0.25	0.05 U	--	6.56	--	55.7
3/17/15	30.0	0.20 U	10.0 U	2.6900	--	2.95	34.0	0.2000 U	0.21	0.05 U	349.0	5.72	--	54.2
9/3/15	34.0	0.20 U	10.0 U	3.4600	--	4.44	130.0	0.2000 U	0.20 U	0.05 U	340.0	5.17	--	62.5
3/17/16	39.0	0.20 U	10.0 U	4.7700	--	3.37	100.0	0.2000 U	0.20 U	0.05 U	389.0	5.43	--	86.4
8/31/16	51.0	0.20 U	10.0 U	3.3200	--	4.91	40.0	0.2000 U	0.20 U	0.05 U	412.0	5.44	--	71.8
3/7/17	65.0	0.20 U	10.0 U	4.3100	--	6.81	40.0	0.2000 U	0.20 U	0.05 U	332.0	5.65	--	84.3
9/11/17	--	--	--	--	--	5.54	--	--	--	--	333.0	6.01	--	109.8
4/15/19	19.5	0.10 U	5.0	2.9000	--	8.15	14.9	0.2000 U	--	--	182.2	5.37	5.65	65.5
8/5/19	19.0	0.37	3.0 U	2.5000	--	7.62	16.9	0.2000 U	--	--	284.5	4.28	5.49	0.0
3/2/20	20.8	0.10 U	3.0 U	2.4000	--	5.85	16.1	0.3500	--	--	302.4	5.17	5.65	52.6
7/30/20	14.6	0.10 U	3.6	3.2000	--	2.81	17.8	0.2000 U	--	--	262.1	5.17	5.51	59.1

Gude Landfill
Monitoring Location MW-2A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
3/25/21	18.1	0.10 U	3.0 U	3.2200	--	3.12	16.3	0.0830	--	--	211.1	5.26	5.49	56.1
9/7/21	27.1	0.05 U	15.7	2.0900 B	--	0.66	18.8	0.0220	--	--	243.4	5.60	5.36	56.8
3/29/22	31.7	0.02 U	3.0 U	5.3700	--	3.36	22.2	0.0840	--	--	176.7	5.30	5.46	72.0

Gude Landfill
Monitoring Location MW-2A - General Parameters

Printed 5/25/22

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS								
7/27/10	--	--	3.0 U	--	--	--	--	--
9/30/10	--	4.00 U	--	--	465.0	--	58.900	--
4/19/11	--	4.00 U	--	--	112.0	--	117.600	--
9/7/11	--	4.00 U	--	--	108.0	--	--	--
3/6/12	--	4.00 U	--	--	84.0	--	--	--
9/11/12	--	4.00 U	--	--	100.0	--	--	--
9/11/13	--	4.00 U	--	16.4	4.0	--	--	11.30
3/24/14	--	4.00 U	--	--	70.0	--	--	--
9/2/14	--	4.00 U	--	19.7	84.0	--	--	--
3/17/15	--	4.00 U	--	16.9	72.0	--	--	2.70
9/3/15	--	4.00 U	--	19.1	1.0 U	--	--	65.50
3/17/16	--	4.00 U	--	15.6	215.0	--	--	0.90
8/31/16	--	4.00 U	--	18.9	65.0	--	--	0.00
3/7/17	--	4.00 U	--	12.7	120.0	--	--	4.60
9/11/17	--	--	--	15.4	--	--	--	1016.00
4/15/19	54.5	1.90	--	15.6	17.0	5.3	7.010	9.80
8/5/19	47.5	1.00 U	--	16.5	45.0	109.0	104.000	115.80
3/2/20	53.1	0.56 J	--	17.3	43.0	2.5 U	0.500 U	38.00
7/30/20	53.9	0.56 J	--	18.9	53.0	16.2	3.560	119.30

Gude Landfill
Monitoring Location MW-2A - General Parameters

Printed 5/25/22

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
3/25/21	54.1	1.60	--	18.1	42.0	66.8	1.710	9.80
9/7/21	60.5	0.30 U	--	8.1	43.3	25.7	3.700	7.70
3/29/22	78.1	0.60	--	14.4	50.5	105.0	9.890	18.90

Gude Landfill
Monitoring Location MW-2A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
7/27/10	0.0010 U	0.0022	0.0310	0.0010 U	0.0010 U	--	0.0210	0.0079	0.0160	--	0.00680	--
9/30/10	0.0050 U	0.0050 U	0.0155	0.0050 U	0.0050 U	4.89	0.0084	0.0050 U	0.0080	1.3800	0.00500 U	2.150
4/19/11	0.0050 U	0.0050 U	0.0299	0.0050 U	0.0050 U	7.78	0.0085	0.0050 U	0.0118	3.1400	0.00550	3.750
9/7/11	0.0050 U	0.0050 U	0.0206	0.0050 U	0.0050 U	8.86	0.0050 U	0.0050 U	0.0069	0.6800	0.00500 U	3.250
3/6/12	0.0050 U	0.0050 U	0.0209	0.0050 U	0.0050 U	10.50	0.0404	0.0140	0.0280	1.2700	0.00500 U	3.590
9/11/12	0.0050 U	0.0050 U	0.0181	0.0050 U	0.0050 U	11.10	0.0220	0.0050 U	0.0163	0.7250	0.00500 U	4.810
9/11/13	0.0050 U	0.0050 U	0.0172	0.0050 U	0.0050 U	13.20	0.0050 U	0.0052	0.0106	1.4600	0.00500 U	5.720
3/24/14	0.0050 U	0.0050 U	0.0247	0.0050 U	0.0050 U	10.20	0.0184	0.0050 U	0.0543	2.2000	0.00500 U	4.580
9/2/14	0.0050 U	0.0050 U	0.1420	0.0050 U	0.0050 U	6.29	0.0355	0.0174	0.0411	17.3000	0.02210	6.910
3/17/15	0.0020 U	0.0020 U	0.0120	0.0020 U	0.0040 U	4.60	0.0100 U	0.0100 U	0.0100 U	0.0590	0.00200 U	2.800
9/3/15	0.0010 U	0.0014	0.0270	0.0010 U	0.0005 U	5.70	0.2700	0.0160	0.0370	6.2000	0.00530	3.700
3/17/16	0.0020 U	0.0020 U	0.0112	0.0020 U	0.0020 U	6.29	0.0020 U	0.0020 U	0.0020 U	0.2000 U	0.00200 U	2.680
8/31/16	0.0020 U	0.0020 U	0.0098	0.0020 U	0.0020 U	6.71	0.0020 U	0.0020 U	0.0020 U	0.2000 U	0.00200 U	3.390
3/7/17	0.0050 U	0.0050 U	0.0231	0.0050 U	0.0050 U	9.17	0.0092	0.0050 U	0.0124	1.6100	0.00500 U	4.210
4/15/19	0.0010 U	0.0010 U	0.0097	0.0010 U	0.0010 U	2.71	0.0083	0.0011	0.0032	0.1670	0.00100 U	1.970
8/5/19	0.0010 U	0.0013	0.0326	0.0010 U	0.0010 U	2.25	0.0140	0.0029	0.0074 B	4.6100	0.00406	2.740
3/2/20	0.0010 U	0.0010 U	0.0092	0.0010 U	0.0010 U	2.69	0.0022	0.0010 U	0.0010 U	0.0279 J	0.00100 U	2.270
7/30/20	0.0010 U	0.0010 U	0.0113	0.0010 U	0.0010 U	3.10	0.0035	0.0010 U	0.0011	0.1800	0.00100 U	2.440
3/25/21	0.0010 U	0.0010 U	0.0092	0.0010 U	0.0010 U	2.96	0.0034	0.0010 U	0.0024	0.2430	0.00100 U	2.150
9/7/21	0.0010 U	0.0010 U	0.0125	0.0010 U	0.0010 U	3.23	0.0042	0.0010 U	0.0010 U	0.2540	0.00100 U	2.610
3/29/22	0.0010 U	0.0010 U	0.0110	0.0010 U	0.0010 U	4.54	0.0067	0.0023	0.0059	0.4680	0.00129	2.650

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-2A - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002			
7/27/10	--	0.000100 J	0.0180	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00730	0.03100
9/30/10	0.12000	0.000200 U	0.0102	1.940	0.00500 U	0.0050 U	7.15	0.0050 U	--	0.00500 U	0.01140
4/19/11	0.17300	0.000200 U	0.0092	2.320	0.00500 U	0.0050 U	7.07	0.0050 U	--	0.00500 U	0.02290
9/7/11	0.20400	0.000200 U	--	1.800	0.00500 U	0.0050 U	6.09	0.0050 U	--	0.00500 U	0.01870
3/6/12	0.14800	0.000590	--	2.120	0.00500 U	0.0050 U	10.40	0.0050 U	--	0.00500 U	0.03690
9/11/12	0.15100	0.000759	--	2.140	0.00500 U	0.0050 U	8.38	0.0050 U	--	0.00500 U	0.02470
9/11/13	0.60200	0.000294	0.0083	2.270	0.00500 U	0.0050 U	9.54	0.0050 U	--	0.00500 U	0.03220
3/24/14	0.42000	0.000996	0.0165	2.120	0.00500 U	0.0050 U	7.47	0.0050 U	--	0.00500 U	0.04010
9/2/14	0.59500	0.000715	0.0244	5.830	0.00500 U	0.0050 U	5.02	0.0050 U	--	0.01920	0.08560
3/17/15	0.17000	0.000200 U	0.0110 U	1.400	0.03500 U	0.0100 U	4.20	0.0020 U	--	0.01000 U	0.01000 U
9/3/15	0.17000	0.000430	0.2200	2.600	0.00500 U	0.0023	4.80	0.0010 U	--	0.00520	0.03600
3/17/16	0.05530	0.000200 U	0.0021	1.210	0.00200 U	0.0001 U	5.56	0.0010 U	--	0.00200 U	0.00448
8/31/16	0.03610	0.000200 U	0.0047	1.540	0.00200 U	0.0020 U	6.28	0.0010 U	--	0.00200 U	0.00712
3/7/17	0.24700	0.000200 U	0.0245	1.940	0.00500 U	0.0050 U	7.01	0.0050 U	--	0.00500 U	0.03680
4/15/19	0.07100	0.000100 U	0.0182	1.290	0.00100 U	0.0010 U	4.20 B	0.0010 U	--	0.00100 U	0.00600
8/5/19	0.14300	0.000117	0.0093	2.220	0.00132	0.0010 U	3.50	0.0010 U	--	0.00422	0.01990 B
3/2/20	0.01360	0.000100 U	0.0020	1.370	0.00100 U	0.0010 U	3.81	0.0010 U	--	0.00100 U	0.00400 U
7/30/20	0.03440	0.000347	0.0024	1.430	0.00100 U	0.0010 U	4.13	0.0010 U	--	0.00100 U	0.00400 U
3/25/21	0.04330	0.000207	0.0034	1.310	0.00100 U	0.0010 U	3.55	0.0010 U	--	0.00100 U	0.01520
9/7/21	0.14400	0.002360	0.0058	1.540	0.00100 U	0.0010 U	3.69	0.0010 U	--	0.00100 U	0.00400 U
3/29/22	0.11000	0.000180	0.0075	1.580 B	0.00100 U	0.0010 U	4.45	0.0010 U	--	0.00100 U	0.01320

Gude Landfill

Printed 5/25/22

Monitoring Location MW-2A - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600		5	5	75
7/27/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/19/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/7/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/6/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/11/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/2/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/15/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/2/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/25/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-2A - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-2A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
7/27/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/19/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/13	5.00 U	5.00 U	5.00 U	40.80	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/15/19	5.00 U	5.00 U	5.00 U	7.70 B	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/2/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/25/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-2A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
9/7/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-2A - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
7/27/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	3.00	1.00 U	1.00 U
4/19/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	4.00	1.00 U	1.00 U
9/7/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	2.50	1.00 U	1.00 U
3/6/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.20	1.00 U	1.00 U
9/11/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.30	1.00 U	1.00 U
3/21/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.45	1.00 U	1.00 U
3/24/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.84	1.00 U	1.00 U
9/2/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.02	1.00 U	1.00 U
3/17/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.85	1.00 U	1.00 U
9/3/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.02	1.00 U	1.00 U
3/17/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.79	1.00 U	1.00 U
8/31/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.04	1.00 U	1.00 U
3/7/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.22	1.00 U	1.00 U
9/11/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.62	1.00 U	1.00 U
4/15/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/2/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	1.00 U
7/30/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U
3/25/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-2A - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	1.00 U
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-2A - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
7/27/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
4/19/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/21/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/24/14	1.00 U	5.00 U	1.51	1.00 U	5.00 U	1.00 U	--
9/2/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/17/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/3/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/17/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
8/31/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/7/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/15/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/2/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/30/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/25/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill

Printed 5/25/22

Monitoring Location MW-2A - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location MW-2B - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/19/11	0.005 U	0.005 U	0.009	0.005 U	0.005 U	8.3	0.01 U	0.01 U	0.005 U	0.5 U	0.005 U	2.5	0.059	0.0002 U
9/7/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/6/12	0.005 U	0.005 U	0.006	0.005 U	0.005 U	9.8	0.01 U	0.01 U	0.006	0.2 U	0.005 U	2.6	0.042	0.0002 U
9/11/12	0.005 U	0.005 U	0.007	0.005 U	0.005 U	11.5	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	3.0	0.029	0.0004
3/21/13	0.005 U	0.005 U	0.008	0.005 U	0.005 U	11.4	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	2.7	0.031	0.0002 U
9/11/13	0.005 U	0.005 U	0.007	0.005 U	0.005 U	10.3	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	2.4	0.024	0.0002 U
3/24/14	0.005 U	0.005 U	0.007	0.005 U	0.005 U	10.2	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	2.6	0.020	0.0002 U
9/2/14	0.005 U	0.005 U	0.020	0.005 U	0.005 U	5.5	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	3.1	0.062	0.0002 U
3/17/15	0.002 U	0.002 U	0.012	0.002 U	0.004 U	5.8	0.01 U	0.01 U	0.010 U	0.0	0.002 U	3.2	0.052	0.0002 U
9/3/15	0.001 U	0.001 U	0.013	0.001 U	0.001 U	4.8	0.01 U	0.01 U	0.005 U	0.0 U	0.001 U	2.7	0.030	0.0002 U
3/17/16	0.002 U	0.002 U	0.011	0.002 U	0.002 U	8.1	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	3.5	0.047	0.0002 U
8/31/16	0.002 U	0.002 U	0.008	0.002 U	0.002 U	5.7	0.00 U	0.00 U	0.003	0.2 U	0.002 U	2.3	0.035	0.0002 U
3/7/17	0.002 U	0.002 U	0.008	0.002 U	0.002 U	7.6	0.00	0.00 U	0.004	0.2 U	0.002 U	2.9	0.048	0.0002 U
9/11/17	0.002 U	0.002 U	0.007	0.002 U	0.002 U	8.0	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	2.9	0.027	0.0002 U
4/4/18	0.002 U	0.002 U	0.006	0.002 U	0.002 U	7.7	0.00	0.00 U	0.002 U	0.1 U	0.002 U	2.7	0.031	0.0002 U
9/4/18	0.002 U	0.002 U	0.005	0.002 U	0.002 U	7.3	0.00 U	0.00 U	0.002 U	0.1 U	0.002 U	2.5	0.022	0.0002 U

Gude Landfill

Monitoring Location MW-2B - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/19/11	0.01 U	1.5	0.005 U	0.01 U	5.2	0.005 U	0.01 U	0.009
9/7/11	0.01 U	--	--	--	--	--	--	--
3/6/12	0.01	1.7	0.005 U	0.01 U	9.7	0.005 U	0.01 U	0.008
9/11/12	0.01	1.7	0.005 U	0.01 U	4.9	0.005 U	0.01 U	0.007
3/21/13	0.01 U	1.8	0.005 U	0.01 U	5.0	0.005 U	0.01 U	0.008
9/11/13	0.01 U	1.4	0.005 U	0.01 U	3.9	0.005 U	0.01 U	0.007
3/24/14	0.01 U	1.6	0.005 U	0.01 U	4.6	0.005 U	0.01 U	0.009
9/2/14	0.01 U	1.4	0.005 U	0.01 U	4.2	0.005 U	0.01 U	0.012
3/17/15	0.01 U	1.5	0.035 U	0.01 U	5.1	0.002 U	0.01 U	0.010 U
9/3/15	0.01 U	1.4	0.005 U	0.00 U	4.3	0.001 U	0.01 U	0.003 J
3/17/16	0.00 U	1.6	0.002 U	0.00 U	5.3	0.001 U	0.00 U	0.004
8/31/16	0.00	1.3	0.002 U	0.00 U	3.6	0.001 U	0.00 U	0.005
3/7/17	0.00	1.5	0.002 U	0.00 U	4.6	0.001 U	0.00 U	0.014
9/11/17	0.00	1.4	0.002 U	0.00 U	4.4	0.001 U	0.00 U	0.010
4/4/18	0.00	1.5	0.002 U	0.00 U	4.4	0.001 U	0.00 U	0.012
9/4/18	0.00	1.4	0.002 U	0.00 U	4.1	0.001 U	0.00 U	0.004

Gude Landfill
Monitoring Location MW-2B - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS					0.2			10		1				
7/27/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/30/10	29.0	0.20 U	10.0 U	2.5000 U	--	--	18.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
4/19/11	37.0	0.20 U	10.0 U	2.5000 U	--	--	24.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/7/11	33.0	0.20 U	10.0 U	2.5000 U	--	--	35.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/6/12	40.0	0.20 U	10.0 U	2.5000 U	--	--	30.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/11/12	36.0	0.20 U	10.0 U	2.5500	--	--	34.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/21/13	41.0	0.20 U	12.6	2.5000 U	--	0.92	34.0	0.2000 U	0.20 U	0.05 U	457.0	5.61	--	94.8
9/11/13	34.0	0.20 U	10.0 U	2.5000 U	--	2.54	30.0	0.2000 U	0.20 U	0.05 U	413.0	5.13	--	74.0
3/24/14	37.0	0.20 U	10.0 U	2.5800	--	2.31	56.0	0.2000 U	--	--	458.0	5.31	--	78.2
9/2/14	23.0	0.20 U	10.0 U	4.0600	--	4.77	28.0	0.2000 U	0.20 U	0.05 U	463.0	5.22	--	55.1
3/17/15	31.0	0.20 U	10.0 U	3.1800	--	3.85	34.0	0.2000 U	0.20 U	0.05 U	349.0	5.70	--	29.4
9/3/15	28.0	0.20 U	10.0 U	2.5000 U	--	--	30.0	0.2000 U	0.20 U	0.05 U	426.0	5.22	--	64.1
3/17/16	42.0	0.20 U	10.0 U	2.5000 U	--	0.00	62.0	0.2000 U	0.20	0.05 U	400.0	5.67	--	84.0
8/31/16	38.0	0.20 U	10.0 U	2.5000 U	--	5.21	42.0	0.2000 U	0.20 U	0.05 U	412.0	5.13	--	66.7
3/7/17	57.0	0.20 U	10.0 U	2.6600	--	--	40.0	0.2000 U	0.20 U	0.05 U	419.0	5.19	--	72.1
9/11/17	42.0	0.20 U	10.0 U	2.5000 U	--	4.31	100.0	0.2000 U	0.20 U	0.05 U	503.0	5.57	--	77.0
4/4/18	34.1	0.20 U	10.0 U	2.8400	--	--	29.9	0.2000 U	0.20 U	0.05 U	283.0	5.43	--	73.1
9/4/18	31.7	0.20 U	10.0 U	3.0200	--	--	28.6	0.2000 U	0.20 U	0.05 U	229.0	5.25	--	67.3
4/15/19	1.0 U	0.10 U	3.0 U	30.2000	--	9.37	13.5	0.2000 U	--	--	243.0	5.22	5.50	55.5

Gude Landfill
Monitoring Location MW-2B - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
8/5/19	17.4	0.10 U	3.0 U	4.0000	--	8.69	13.6	0.2000 U	--	--	243.2	5.04	5.50	0.1
3/3/20	22.0	0.10 U	3.0 U	3.4000	--	5.92	18.0	0.1100 J	--	--	306.1	5.26	5.64	55.7
7/30/20	16.6	0.10 U	11.2	4.1000	--	3.19	19.2	0.2000 U	--	--	270.5	4.38	5.39	69.6
3/25/21	17.7	0.10 U	3.0 U	3.5900	--	2.73	16.2	0.2500	--	--	243.1	5.28	5.46	52.7
9/7/21	25.8	0.05 U	18.5	4.5800 B	--	0.95	21.4	0.0320	--	--	258.4	5.67	5.35	64.9
3/29/22	28.9	0.16	3.0 U	4.5000	--	3.01	21.5	0.0640	--	--	233.1	5.26	5.41	63.0

Gude Landfill
Monitoring Location MW-2B - General Parameters

Printed 5/25/22

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS								
7/27/10	--	--	3.0 U	--	--	--	--	--
9/30/10	--	4.00 U	--	--	648.0	--	2.430	--
4/19/11	--	4.00 U	--	--	56.0	--	1.290	--
9/7/11	--	4.00 U	--	--	44.0	--	--	--
3/6/12	--	4.00 U	--	--	92.0	--	--	--
9/11/12	--	4.00 U	--	--	84.0	--	--	--
3/21/13	--	4.00 U	--	14.3	4.0	--	--	0.57
9/11/13	--	4.00 U	--	17.4	72.0	--	--	0.00
3/24/14	--	4.00 U	--	14.6	66.0	--	--	0.90
9/2/14	--	4.00 U	--	16.6	1164.0	--	--	0.70
3/17/15	--	4.00 U	--	14.4	80.0	--	--	0.40
9/3/15	--	4.00 U	--	17.5	21.0	--	--	0.69
3/17/16	--	4.00 U	--	17.3	186.0	--	--	0.00
8/31/16	--	4.00 U	--	16.1	44.0	--	--	4.60
3/7/17	--	4.00 U	--	11.8	49.0	--	--	1.10
9/11/17	--	4.00 U	--	15.5	60.0	--	--	0.90
4/4/18	--	4.00 U	--	15.5	58.0	--	--	1.70
9/4/18	--	4.00 U	--	18.1	45.0	--	--	0.00
4/15/19	227.0	1.50	--	15.7	42.0	2.6 U	0.794	2.90

Gude Landfill
Monitoring Location MW-2B - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
8/5/19	48.5	1.00 U	--	16.2	40.0	4.7	1.690	0.05
3/3/20	55.6	0.59 J	--	15.9	32.0	2.4 U	0.500 U	0.00
7/30/20	59.5	1.00 U	--	20.4	51.5	3.9	1.110	46.70
3/25/21	53.3	1.80	--	16.7	40.0	10.2	0.500 U	8.03
9/7/21	66.6	0.30 U	--	18.9	45.5	88.6	6.100	8.70
3/29/22	70.5	0.80	--	15.8	43.5	10.5	4.710	4.68

Gude Landfill
Monitoring Location MW-2B - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
7/27/10	0.0010 U	0.0008 J	0.0088	0.0010 U	0.0010 U	--	0.0012	0.0022	0.0015	--	0.00050 J	--
9/30/10	0.0050 U	0.0050 U	0.0113	0.0050 U	0.0050 U	4.92	0.0050 U	0.0050 U	0.0054	0.5000 U	0.00500 U	1.940
4/19/11	0.0050 U	0.0050 U	0.0095	0.0050 U	0.0050 U	8.72	0.0050 U	0.0050 U	0.0050 U	0.5000 U	0.00500 U	2.840
9/7/11	0.0050 U	0.0050 U	0.0123	0.0050 U	0.0050 U	7.20	0.0050 U	0.0050 U	0.0050 U	0.5000 U	0.00500 U	2.850
3/6/12	0.0050 U	0.0050 U	0.0064	0.0050 U	0.0050 U	9.89	0.0050 U	0.0050 U	0.0061	0.2000 U	0.00500 U	2.440
9/11/12	0.0050 U	0.0050 U	0.0080	0.0050 U	0.0050 U	11.70	0.0050 U	0.0050 U	0.0050 U	0.2000 U	0.00500 U	3.040
3/21/13	0.0050 U	0.0050 U	0.0071	0.0050 U	0.0050 U	10.70	0.0050 U	0.0050 U	0.0050 U	0.2000 U	0.00500 U	2.580
9/11/13	0.0050 U	0.0050 U	0.0070	0.0050 U	0.0050 U	10.10	0.0050 U	0.0050 U	0.0050 U	0.2000 U	0.00500 U	2.560
3/24/14	0.0050 U	0.0050 U	0.0071	0.0050 U	0.0050 U	11.00	0.0050 U	0.0050 U	0.0050 U	0.2000 U	0.00500 U	2.740
9/2/14	0.0050 U	0.0050 U	0.0192	0.0050 U	0.0050 U	5.48	0.0050 U	0.0050 U	0.0050 U	0.2000 U	0.00500 U	3.140
3/17/15	0.0020 U	0.0020 U	0.0120	0.0020 U	0.0040 U	5.70	0.0100 U	0.0100 U	0.0100 U	0.0170	0.00200 U	3.000
9/3/15	0.0010 U	0.0010 U	0.0130	0.0010 U	0.0005 U	4.90	0.0050 U	0.0050 U	0.0050 U	0.0640	0.00100 U	2.700
3/17/16	0.0020 U	0.0020 U	0.0112	0.0020 U	0.0020 U	6.78	0.0020 U	0.0020 U	0.0020 U	0.2000 U	0.00200 U	3.380
8/31/16	0.0020 U	0.0020 U	0.0081	0.0020 U	0.0020 U	6.03	0.0020 U	0.0020 U	0.0020 U	0.2000 U	0.00200 U	2.470
3/7/17	0.0020 U	0.0020 U	0.0086	0.0020 U	0.0020 U	8.39	0.0020 U	0.0020 U	0.0023	0.2000 U	0.00200 U	2.900
9/11/17	0.0020 U	0.0020 U	0.0076	0.0020 U	0.0020 U	8.24	0.0020 U	0.0020 U	0.0020 U	0.2000 U	0.00200 U	2.980
4/4/18	0.0020 U	0.0020 U	0.0064	0.0020 U	0.0020 U	7.61	0.0024	0.0020 U	0.0020 U	0.0500 U	0.00200 U	2.650
9/4/18	0.0020 U	0.0020 U	0.0054	0.0020 U	0.0020 U	7.39	0.0020 U	0.0020 U	0.0020 U	0.0500 U	0.00200 U	2.470
4/15/19	0.0010 U	0.0010 U	0.0087	0.0010 U	0.0010 U	2.26	0.0036	0.0010 U	0.0016	0.1000 U	0.00100 U	1.910
8/5/19	0.0010 U	0.0010 U	0.0078	0.0010 U	0.0010 U	2.42	0.0069	0.0010 U	0.0010 U	0.1000 U	0.00100 U	1.840
3/3/20	0.0010 U	0.0010 U	0.0104	0.0010 U	0.0010 U	3.29	0.0017	0.0010 U	0.0010 U	0.0558 J	0.00100 U	2.360
7/30/20	0.0010 U	0.0010 U	0.0126	0.0010 U	0.0010 U	3.39	0.0027	0.0010 U	0.0010 U	0.0498 J	0.00100 U	2.620
3/25/21	0.0010 U	0.0010 U	0.0103	0.0010 U	0.0010 U	2.93	0.0021	0.0010 U	0.0024	0.0398 J	0.00100 U	2.170

Gude Landfill
Monitoring Location MW-2B - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
9/7/21	0.0010 U	0.0010 U	0.0159	0.0010 U	0.0010 U	3.82	0.0113	0.0030	0.0016	0.6810	0.00229	2.890
3/29/22	0.0010 U	0.0010 U	0.0121	0.0010 U	0.0010 U	4.48	0.0049	0.0012	0.0012	0.1420	0.00163	2.510

Gude Landfill
Monitoring Location MW-2B - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002			
7/27/10	--	0.000200 U	0.0038	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U	0.01300
9/30/10	0.08680	0.000200 U	0.0050 U	1.360	0.00500 U	0.0050 U	6.99	0.0050 U	--	0.00500 U	0.00606
4/19/11	0.06300	0.000200 U	0.0050 U	1.580	0.00500 U	0.0050 U	5.22	0.0050 U	--	0.00500 U	0.00800
9/7/11	0.04400	0.000200 U	--	1.390	0.00500 U	0.0050 U	4.88	0.0050 U	--	0.00500 U	0.00794
3/6/12	0.03930	0.000200 U	0.0070	1.660	0.00500 U	0.0050 U	8.64	0.0050 U	--	0.00500 U	0.00753
9/11/12	0.03020	0.000582	0.0050 U	1.740	0.00500 U	0.0050 U	4.89	0.0050 U	--	0.00500 U	0.00694
3/21/13	0.03420	0.000200 U	0.0050 U	1.830	0.00500 U	0.0050 U	4.66	0.0050 U	--	0.00500 U	0.00721
9/11/13	0.02300	0.000200 U	0.0050 U	1.470	0.00500 U	0.0050 U	4.17	0.0050 U	--	0.00500 U	0.00981
3/24/14	0.02110	0.000200 U	0.0050 U	1.590	0.00500 U	0.0050 U	4.62	0.0050 U	--	0.00500 U	0.00716
9/2/14	0.06290	0.000200 U	0.0050 U	1.470	0.00500 U	0.0050 U	4.25	0.0050 U	--	0.00500 U	0.01130
3/17/15	0.05200	0.000200 U	0.0110 U	1.400	0.03500 U	0.0100 U	4.80	0.0020 U	--	0.01000 U	0.01000 U
9/3/15	0.02800	0.000200 U	0.0100 U	1.500	0.00500 U	0.0010 U	4.30	0.0010 U	--	0.00500 U	0.00500 U
3/17/16	0.04180	0.000200 U	0.0020 U	1.520	0.00200 U	0.0001 U	6.50	0.0010 U	--	0.00200 U	0.00374
8/31/16	0.03930	0.000200 U	0.0020 U	1.320	0.00200 U	0.0020 U	3.81	0.0010 U	--	0.00200 U	0.00381
3/7/17	0.06090	0.000200 U	0.0049	1.500	0.00200 U	0.0020 U	4.59	0.0010 U	--	0.00200 U	0.01430
9/11/17	0.02840	0.000200 U	0.0028	1.430	0.00200 U	0.0020 U	4.54	0.0010 U	--	0.00200 U	0.01050
4/4/18	0.03490	0.000200 U	0.0034	1.430	0.00200 U	0.0020 U	4.21	0.0010 U	--	0.00200 U	0.01180
9/4/18	0.02560	0.000200 U	0.0022	1.440	0.00200 U	0.0020 U	4.18	0.0010 U	--	0.00200 U	0.00397
4/15/19	0.02330	0.000100 U	0.0039	1.150	0.00100 U	0.0010 U	3.44 B	0.0010 U	--	0.00100 U	0.00400 U
8/5/19	0.03590	0.000100 U	0.0050	1.150	0.00100 U	0.0010 U	3.41	0.0010 U	--	0.00100 U	0.00630 B
3/3/20	0.01780	0.000100 U	0.0015	1.370	0.00100 U	0.0010 U	4.12	0.0010 U	--	0.00100 U	0.00644
7/30/20	0.05360	0.000523	0.0010 U	1.400	0.00100 U	0.0010 U	4.36	0.0010 U	--	0.00100 U	0.00400 U
3/25/21	0.04900	0.000341	0.0023	1.240	0.00100 U	0.0010 U	3.43	0.0010 U	--	0.00100 U	0.02300

Gude Landfill

Printed 5/25/22

Monitoring Location MW-2B - Total Metals

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
9/7/21	0.22700	0.000481	0.0110	1.570	0.00100 U	0.0010 U	4.10	0.0010 U	--	0.00100 U	0.00715
3/29/22	0.07510	0.000138	0.0041	1.430 B	0.00100 U	0.0010 U	3.99	0.0010 U	--	0.00100 U	0.00401

Gude Landfill

Printed 5/25/22

Monitoring Location MW-2B - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600		5	5	75
7/27/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/19/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/7/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/6/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/11/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/2/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/15/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-2B - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
7/30/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/25/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-2B - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
7/27/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/19/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/15/19	5.00 U	5.00 U	5.00 U	7.70 B	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/3/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-2B - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
7/30/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/25/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-2B - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70	80	700	10000					5	10000	100	5	1000	100	
7/27/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	3.00	1.00 U	1.00 U
4/19/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.90	1.00 U	1.00 U
9/7/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	3.00	1.00 U	1.00 U
3/6/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	3.20	1.00 U	1.00 U
9/11/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.27	1.00 U	1.00 U
3/21/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.57	1.00 U	1.00 U
3/24/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.93	1.00 U	1.00 U
9/2/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.32	1.00 U	1.00 U
3/17/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.18	1.00 U	1.00 U
9/3/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.28	1.00 U	1.00 U
3/17/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.51	1.00 U	1.00 U
8/31/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.28	1.00 U	1.00 U
3/7/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.77	1.00 U	1.00 U
9/11/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.35	1.00 U	1.00 U
4/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.10	1.00 U	1.00 U
9/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.71	1.00 U	1.00 U
4/15/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-2B - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
7/30/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U
3/25/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-2B - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
7/27/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
4/19/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/21/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/24/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/2/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/17/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/3/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/17/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
8/31/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/7/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/4/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/4/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/15/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill

Printed 5/25/22

Monitoring Location MW-2B - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
7/30/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/25/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location MW-3A - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/20/11	0.005 U	0.005 U	0.007	0.005 U	0.005 U	4.3	0.01 U	0.01 U	0.005	0.5 U	0.005 U	1.7	0.008	0.0002 U
9/15/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/12/12	0.005 U	0.005 U	0.008	0.005 U	0.005 U	4.4	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	1.8	--	0.0002 U
9/10/12	0.005 U	0.005 U	0.007	0.005 U	0.005 U	4.6	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	1.9	0.005 U	0.0002 U
3/21/13	0.005 U	0.005 U	0.007	0.005 U	0.005 U	4.1	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	1.9	0.005 U	0.0002 U
9/16/13	0.005 U	0.005 U	0.007	0.005 U	0.005 U	4.3	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	1.7	0.005 U	0.0002 U
3/11/14	0.005 U	0.005 U	0.007	0.005 U	0.005 U	4.0	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	1.8	0.005 U	0.0002 U
9/3/14	0.005 U	0.005 U	0.007	0.005 U	0.005 U	3.8	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	1.6	0.005 U	0.0002 U
3/23/15	0.002 U	0.002 U	0.010 U	0.002 U	0.004 U	2.8	0.01 U	0.01 U	0.011	0.1	0.002 U	1.3	0.005 U	0.0002 U
9/2/15	0.001 U	0.001 U	0.005 U	0.001 U	0.001 U	2.5	0.01 U	0.01 U	0.005 U	0.0 U	0.001 U	1.2	0.079	0.0002 U
3/22/16	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	3.5	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	1.6	0.002 U	0.0002 U
9/1/16	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	2.6	0.00	0.00 U	0.002 U	0.2 U	0.002 U	1.2	0.002 U	0.0002 U
3/9/17	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	2.5	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	1.1	0.002	0.0002 U
9/13/17	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	2.5	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	1.2	0.002 U	0.0002 U
4/2/18	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	2.8	0.00 U	0.00 U	0.002 U	0.1 U	0.002 U	1.2	0.002 U	0.0002 U
9/5/18	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	2.5	0.00	0.00 U	0.002 U	0.1 U	0.002 U	1.2	0.004	0.0002 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-3A - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/20/11	0.01 U	0.9	0.005 U	0.01 U	4.1	0.005 U	0.01 U	0.007
9/15/11	0.01	--	--	--	--	--	--	--
3/12/12	0.08	0.9	0.005 U	0.01 U	3.8	0.005 U	0.01 U	0.007
9/10/12	0.05	1.0	0.005 U	0.01 U	4.2	0.005 U	0.01 U	0.005 U
3/21/13	0.02	1.1	0.005 U	0.01 U	3.7	0.005 U	0.01 U	0.005 U
9/16/13	0.01	1.0	0.005 U	0.01 U	3.9	0.005 U	0.01 U	0.005 U
3/11/14	0.01 U	1.0	0.005 U	0.01 U	4.0	0.005 U	0.01 U	0.005 U
9/3/14	0.01 U	0.9	--	0.01 U	3.4	0.005 U	0.01 U	0.007
3/23/15	0.01 U	0.9	0.035 U	0.01 U	3.3	0.002 U	0.01 U	0.008 U
9/2/15	0.01 U	0.9	0.005 U	0.00 U	3.2	0.001 U	0.01 U	0.005 U
3/22/16	0.00 U	1.1	0.002 U	0.00 U	4.1	0.001 U	0.00 U	0.002 U
9/1/16	0.00 U	0.8	0.002 U	0.00 U	3.2	0.001 U	0.00 U	0.002 U
3/9/17	0.00 U	0.8	0.002 U	0.00 U	3.1	0.001 U	0.00 U	0.002 U
9/13/17	0.00 U	0.7	0.002 U	0.00 U	3.1	0.001 U	0.00 U	0.002 U
4/2/18	0.00 U	0.8	0.002 U	0.00 U	3.5	0.001 U	0.00 U	0.002 U
9/5/18	0.00 U	0.8	0.002 U	0.00 U	3.3	0.001 U	0.00 U	0.002 U

Gude Landfill
Monitoring Location MW-3A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS					0.2			10		1				
7/29/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/20/10	40.0	0.20 U	10.0 U	2.5000 U	--	--	130.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
4/20/11	24.0	0.20 U	10.0 U	2.9400	--	--	14.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/15/11	21.0	0.20 U	10.0 U	2.8900	--	--	22.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/12/12	24.0	0.20 U	6.3	5.2800	--	--	50.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/10/12	21.0	0.20 U	10.0 U	2.7600	--	--	44.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/21/13	17.2	0.20 U	10.0 U	2.6000	--	8.34	34.0	0.2000 U	0.20 U	0.05 U	425.0	5.99	--	43.7
9/16/13	16.0	0.20 U	10.0 U	2.5000 U	--	8.81	16.0	0.2000 U	0.20 U	0.05 U	378.0	5.49	--	37.1
3/11/14	17.0	0.20 U	10.0 U	2.9100	--	8.89	78.0	0.2000 U	--	--	404.0	5.40	--	30.3
9/3/14	13.5	0.20 U	10.0 U	3.1000	--	9.20	38.0	0.2000 U	0.20 U	0.05 U	398.0	6.13	--	33.1
3/23/15	17.0	0.20 U	10.0 U	2.5000 U	--	9.36	30.0	0.2000 U	0.20 U	0.05 U	397.0	5.98	--	33.4
9/2/15	18.0	0.20 U	10.0 U	2.5000 U	--	5.75	20.0	0.2000 U	0.20 U	0.05 U	374.0	5.51	--	36.0
3/22/16	15.2	0.20 U	10.0 U	2.5000 U	--	0.00	16.0	0.2000 U	0.20 U	0.05 U	388.0	6.02	--	35.0
9/1/16	26.0	0.20 U	10.0 U	2.5800	--	8.59	20.0	0.2000 U	0.20 U	0.05 U	400.0	5.68	--	31.5
3/9/17	13.6	0.20 U	10.0 U	2.5000 U	--	--	34.0	0.2000 U	0.20 U	0.05 U	429.0	5.70	--	28.9
9/13/17	13.8	0.20 U	10.0 U	2.5000 U	--	8.62	40.0	0.2000 U	0.20 U	0.05 U	411.0	5.66	--	34.2
4/2/18	15.5	0.20 U	10.0 U	2.5000 U	--	--	10.8	0.2000 U	0.20 U	0.05 U	214.0	5.95	--	33.3
9/5/18	15.6	0.20 U	10.0 U	2.5200	--	--	11.8	0.2000 U	0.20 U	0.05 U	259.0	5.68	--	31.4
4/11/19	34.3	0.10 U	3.0 U	3.2000	--	8.57	20.4 B	0.2000 U	--	--	175.9	5.96	6.27	72.0

Gude Landfill
Monitoring Location MW-3A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
7/31/19	36.0	0.10 U	9.7	3.0000	--	8.87	18.1	0.2000 U	--	--	202.6	5.40	6.31	37.8
3/4/20	28.9	0.10 U	3.0 U	2.7000	--	8.43	23.2	0.2000 U	--	--	260.0	5.93	6.29	57.1
7/28/20	13.3	0.10 U	8.1	2.7000	--	8.68	13.9	0.2000 U	--	--	223.2	5.65	6.03	46.0
3/23/21	22.7	0.10 U	3.0 U	2.8200	--	9.05	22.8	0.0540	--	--	238.2	5.66	6.06	46.7
9/2/21	15.2	0.05 U	10.3	2.5700	--	8.85	20.4	0.0110 U	--	--	287.1	5.90	5.85	39.1
3/30/22	20.7	0.02 J	3.0 U	3.4300	--	8.81	18.8	0.0130	--	--	173.5	5.72	5.98	38.9

Gude Landfill
Monitoring Location MW-3A - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS								
7/29/10	--	--	3.0 U	--	--	--	--	--
9/20/10	--	4.00 U	--	--	100.0	--	1535.000	--
4/20/11	--	4.00 U	--	--	60.0	--	151.500	--
9/15/11	--	4.00 U	--	--	144.0	--	--	--
3/12/12	--	4.00 U	--	--	112.0	--	--	--
9/10/12	--	4.00 U	--	--	60.0	--	--	--
3/21/13	--	4.00 U	--	12.1	16.0	--	--	982.00
9/16/13	--	4.00 U	--	14.4	126.0	--	--	982.00
3/11/14	--	4.00 U	--	13.1	10.0	--	--	--
9/3/14	--	4.00 U	--	13.7	74.0	--	--	1.80
3/23/15	--	4.00 U	--	10.4	74.0	--	--	38.00
9/2/15	--	4.00 U	--	20.2	1.0 U	--	--	11.10
3/22/16	--	4.00 U	--	14.1	10.0 U	--	--	0.00
9/1/16	--	4.00 U	--	18.2	43.0	--	--	11.70
3/9/17	--	4.00 U	--	19.1	10.0 U	--	--	4.90
9/13/17	--	4.00 U	--	15.2	53.0	--	--	10.70
4/2/18	--	4.00 U	--	11.9	32.0	--	--	7.80
9/5/18	--	4.00 U	--	16.3	26.0	--	--	8.30
4/11/19	77.7	2.00	--	13.6	44.0	18.7	10.300	9.40

Gude Landfill
Monitoring Location MW-3A - General Parameters

Printed 5/25/22

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
7/31/19	76.9	1.10	--	14.8	61.0	20.2	14.000	9.80
3/4/20	65.3	1.22	--	14.9	55.0	18.8	4.110	6.20
7/28/20	41.6	0.58 J	--	17.5	49.3	246.0	20.100	1209.10
3/23/21	58.7	1.30	--	19.2	50.5	92.9	50.400	106.90
9/2/21	43.8	0.30 U	--	16.3	20.0 B	1110.0	64.800	16.50
3/30/22	54.2	0.70	--	13.9	46.0	1250.0	137.000	88.70

Gude Landfill
Monitoring Location MW-3A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
7/29/10	0.0010 U	0.0026	0.0610	0.0006 J	0.0010 U	--	0.0470	0.0160	0.0480	--	0.01300	--
9/20/10	0.0050 U	0.0050 U	0.1440	0.0050 U	0.0050 U	6.89	0.0530	0.0410	0.1180	61.7000	0.02590	20.900
4/20/11	0.0050 U	0.0050 U	0.0519	0.0050 U	0.0050 U	6.10	0.0067	0.0108	0.0180	5.9900	0.00890	3.680
9/15/11	0.0050 U	0.0050 U	0.1110	0.0050 U	0.0050 U	11.10	0.0075	0.0188	0.0273	6.6700	0.02300	7.040
3/12/12	0.0050 U	0.0050 U	0.2230	0.0050 U	0.0050 U	17.20	0.0815	0.0397	0.1220	86.1000	0.04350	28.100
9/10/12	0.0050 U	0.0050 U	0.1130	0.0250 U	0.0050 U	10.10	0.0500	0.0267	0.0773	44.4000	0.02000	15.600
3/21/13	0.0050 U	0.0050 U	0.0487	0.0050 U	0.0050 U	7.11	0.0277	0.0094	0.0332	17.0000	0.00880	6.680
9/16/13	0.0050 U	0.0050 U	0.0332	0.0050 U	0.0050 U	5.41	0.0133	0.0051	0.0196	11.7000	0.00500 U	5.370
3/11/14	0.0050 U	0.0050 U	0.0367	0.0050 U	0.0050 U	4.52	0.0121	0.0056	0.0288	10.1000	0.00520	5.740
9/3/14	0.0050 U	0.0050 U	0.0580	0.0050 U	0.0050 U	5.50	0.0206	0.0108	0.0280	15.8000	0.00963	6.120
3/23/15	0.0020 U	0.0020 U	0.0100 U	0.0020 U	0.0040 U	3.10	0.0100 U	0.0100 U	0.0028 J	2.2000	0.00200 U	1.800
9/2/15	0.0010 U	0.0010 U	0.0100	0.0010 U	0.0005 U	3.00	0.0050 U	0.0050 U	0.0050 U	2.3000	0.00100 J	1.900
3/22/16	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	2.48	0.0020 U	0.0020 U	0.0020 U	0.2000 U	0.00200 U	1.100
9/1/16	0.0020 U	0.0020 U	0.0037	0.0020 U	0.0020 U	2.53	0.0021	0.0020 U	0.0020 U	0.3430	0.00200 U	1.290
3/9/17	0.0050 U	0.0050 U	0.0094	0.0050 U	0.0050 U	4.17	0.0050 U	0.0050 U	0.0050 U	0.4110	0.00500 U	1.830
9/13/17	0.0050 U	0.0050 U	0.0075	0.0050 U	0.0050 U	3.79	0.0050 U	0.0050 U	0.0050 U	0.2000 U	0.00500 U	1.740
4/2/18	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	2.47	0.0020 U	0.0020 U	0.0020 U	0.0580	0.00200 U	1.130
9/5/18	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	2.54	0.0050 U	0.0050 U	0.0050 U	0.5090	0.00500 U	1.320
4/11/19	0.0010 U	0.0010 U	0.0042	0.0010 U	0.0010 U	5.51 B	0.0029	0.0010 U	0.0010 U	0.2810	0.00100 U	1.610
7/31/19	0.0010 U	0.0015	0.0152	0.0010 U	0.0010 U	3.11	0.0533	0.0044	0.0139	7.4700	0.00166	2.510
3/4/20	0.0010 U	0.0010 U	0.0040	0.0010 U	0.0010 U	6.63	0.0020	0.0010 U	0.0010 U	0.2350	0.00100 U	1.610
7/28/20	0.0010 U	0.0010 U	0.0075	0.0010 U	0.0010 U	2.46	0.0063	0.0011	0.0032	1.7000	0.00100 U	1.900
3/23/21	0.0010 U	0.0010 U	0.0114	0.0010 U	0.0010 U	5.34	0.0047	0.0018	0.0062	2.9100	0.00148	2.300

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-3A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
9/2/21	0.0010 U	0.0010 U	0.0227	0.0010 U	0.0010 U	2.93	0.0073	0.0046	0.0113	6.2300	0.00306	3.170
3/30/22	0.0010 U	0.0010 U	0.0209	0.0010 U	0.0010 U	4.01	0.0041	0.0049	0.0074	2.3200	0.00367	2.140

Gude Landfill
Monitoring Location MW-3A - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002			
7/29/10	--	0.000200 U	0.0390	--	0.00100 U	0.0010 U	--	0.0005 J	0.0050 U	0.03500	0.09000
9/20/10	1.08000	0.000200 U	0.0816	13.000	0.00500 U	0.0050 U	7.66	0.0050 U	--	0.05290	0.22700
4/20/11	0.34300	0.000200 U	0.0067	1.980	0.00500 U	0.0050 U	4.12	0.0050 U	--	0.01000	0.02750
9/15/11	0.62900	0.000200 U	--	2.860	0.00500 U	0.0050 U	4.19	0.0050 U	--	0.01240	0.04590
3/12/12	1.17000	0.000200 U	0.0050 U	15.000	0.00500 U	0.0050 U	4.33	0.0050 U	--	0.10000	0.23500
9/10/12	0.71500	0.000200 U	0.0050 U	9.800	0.00500 U	0.0050 U	3.88	0.0050 U	--	0.05800	0.15900
3/21/13	0.24000	0.000200 U	0.0050 U	3.990	0.00500 U	0.0050 U	4.10	0.0050 U	--	0.02200	0.06000
9/16/13	0.14100	0.000200 U	0.0050 U	3.030	0.00500 U	0.0050 U	3.81	0.0050 U	--	0.01340	0.03720
3/11/14	0.17200	0.000200 U	0.0126	2.770	0.00500 U	0.0050 U	4.24	0.0050 U	--	0.01320	0.04100
9/3/14	0.41600	0.000200 U	0.0202	3.560	0.00500 U	0.0050 U	3.28	0.0050 U	--	0.02120	0.06390
3/23/15	0.05900	0.000200 U	0.0110 U	1.300	0.03500 U	0.0100 U	3.30	0.0020 U	--	0.01000 U	0.00780 J
9/2/15	0.01000 U	0.000200 U	0.0100 U	1.400	0.00500 U	0.0010 U	3.40	0.0010 U	--	0.00500 U	0.00840
3/22/16	0.00200 U	0.000200 U	0.0020 U	0.765	0.00200 U	0.0020 U	2.93	0.0010 U	--	0.00200 U	0.00200 U
9/1/16	0.01760	0.000200 U	0.0020 U	0.876	0.00200 U	0.0020 U	3.08	0.0010 U	--	0.00200 U	0.00289
3/9/17	0.02130	0.000200 U	0.0050 U	1.000	0.00500 U	0.0050 U	3.84	0.0050 U	--	0.00500 U	0.00500 U
9/13/17	0.00729	0.000200 U	0.0050 U	0.832	0.00500 U	0.0050 U	3.54	0.0050 U	--	0.00500 U	0.01530
4/2/18	0.00219	0.000200 U	0.0020 U	0.846	0.00200 U	0.0020 U	3.32	0.0010 U	--	0.00200 U	0.00200 U
9/5/18	0.01350	0.000200 U	0.0050 U	0.965	0.00500 U	0.0050 U	3.36	0.0050 U	--	0.00500 U	0.01530
4/11/19	0.00947	0.000100 U	0.0019	1.040	0.00100 U	0.0010 U	3.69	0.0010 U	--	0.00100 U	0.00400 U
7/31/19	0.28100	0.000100 U	0.0351	1.670	0.00100 U	0.0010 U	3.47	0.0010 U	--	0.00618	0.01730 B
3/4/20	0.01320	0.000100 U	0.0013	1.060	0.00100 U	0.0010 U	3.31	0.0010 U	--	0.00100 U	0.00400 U
7/28/20	0.04680	0.000100 U	0.0060	1.300	0.00100 U	0.0010 U	3.76	0.0010 U	--	0.00261	0.00539
3/23/21	0.07650	0.000100 U	0.0038	1.520	0.00100 U	0.0010 U	3.38	0.0010 U	--	0.00383	0.01400

Gude Landfill
Monitoring Location MW-3A - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
9/2/21	0.32300	0.000100 U	0.0067	2.450	0.00100 U	0.0010 U	3.51	0.0010 U	--	0.00985	0.02270
3/30/22	0.35100	0.000100 U	0.0029	1.480	0.00100 U	0.0010 U	3.44	0.0010 U	--	0.00417	0.01350

Gude Landfill

Printed 5/25/22

Monitoring Location MW-3A - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600		5	5	75
7/29/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/20/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/15/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/10/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/16/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/11/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/3/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/13/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/5/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/11/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/31/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-3A - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
3/4/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/28/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-3A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
7/29/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	1.46 J
4/20/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.50
9/15/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60
3/12/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.80
9/10/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.15
9/16/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.64
3/11/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	2.50
9/3/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	2.19
3/23/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.44
9/2/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.28
3/22/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.14
3/9/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.01
9/13/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/5/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.12
4/11/19	5.00 U	5.00 U	5.00 U	5.30 B	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.30
7/31/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00

Gude Landfill
Monitoring Location MW-3A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
3/4/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00
7/28/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.20
3/23/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.70
9/2/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60
3/30/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.70

Gude Landfill
Monitoring Location MW-3A - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70	80	700	10000					5	10000	100	5	1000	100	
7/29/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/20/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/15/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/10/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/16/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/11/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/13/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/5/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/11/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/31/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-3A - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
3/4/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/28/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-3A - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
7/29/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	--
4/20/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/15/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/21/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/16/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/11/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/3/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/23/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/2/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/22/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/1/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/9/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/13/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/2/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/5/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/11/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/31/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill

Printed 5/25/22

Monitoring Location MW-3A - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
3/4/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/28/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/30/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location MW-3B - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/20/11	0.005 U	0.005 U	0.013	0.005 U	0.005 U	18.6	0.01 U	0.01 U	0.005 U	0.5 U	0.005 U	3.5	0.029	0.0002 U
9/15/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/12/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/10/12	0.005 U	0.005 U	0.022	0.005 U	0.005 U	34.2	0.01 U	0.01 U	0.005 U	0.2	0.005 U	7.4	0.233	0.0002 U
3/21/13	0.005 U	0.005 U	0.015	0.005 U	0.005 U	26.3	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	4.0	0.013	0.0002 U
9/16/13	0.005 U	0.005 U	0.014	0.005 U	0.005 U	31.0	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	4.4	0.026	0.0002 U
3/11/14	0.005 U	0.005 U	0.016	0.005 U	0.005 U	28.1	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	4.5	0.012	0.0002 U
9/3/14	0.005 U	0.005 U	0.014	0.005 U	0.005 U	24.0	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	3.7	0.018	0.0002 U
3/23/15	0.002 U	0.002 U	0.010	0.002 U	0.004 U	26.0	0.01 U	0.01 U	0.010 U	0.0 U	0.002 U	3.6	0.005 U	0.0002 U
9/2/15	0.001 U	0.001 U	0.030	0.001 U	0.001 U	23.0	0.01 U	0.01 U	0.005 U	0.0 U	0.001 U	2.8	0.015	0.0002 U
3/22/16	0.002 U	0.002 U	0.015	0.002 U	0.002 U	22.9	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	3.4	0.002 U	0.0002 U
9/1/16	0.002 U	0.002 U	0.019	0.002 U	0.002 U	19.0	0.00	0.00 U	0.002 U	0.2 U	0.002 U	2.8	0.002	0.0002 U
3/9/17	0.002 U	0.002 U	0.009	0.002 U	0.002 U	19.1	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	2.9	0.005	0.0002 U
9/13/17	0.002 U	0.002 U	0.016	0.002 U	0.002 U	15.4	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	2.5	0.002 U	0.0002 U
4/2/18	0.002 U	0.002 U	0.007	0.002 U	0.002 U	20.0	0.00 U	0.00 U	0.002 U	0.1 U	0.002 U	2.9	0.005	0.0002 U
9/5/18	0.002 U	0.002 U	0.009	0.002 U	0.002 U	16.3	0.00 U	0.00 U	0.002 U	0.1 U	0.002 U	2.6	0.002 U	0.0002 U

Gude Landfill
Monitoring Location MW-3B - Dissolved Metals

Printed 5/25/22

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/20/11	0.01 U	6.4	0.005 U	0.01 U	103.0	0.005 U	0.01	0.005 U
9/15/11	0.01	--	--	--	--	--	--	--
3/12/12	0.04	--	--	--	--	--	--	--
9/10/12	0.28	5.1	0.005 U	0.01 U	53.8	0.005 U	0.01 U	0.005 U
3/21/13	0.04	2.6	0.005 U	0.01 U	34.6	0.005 U	0.01 U	0.005 U
9/16/13	0.11	2.6	0.005 U	0.01 U	30.9	0.005 U	0.01 U	0.005 U
3/11/14	0.01 U	2.2	0.005 U	0.01 U	18.5	0.005 U	0.01 U	0.006
9/3/14	0.01 U	2.0	0.005 U	0.01 U	17.6	0.005 U	0.01 U	0.008
3/23/15	0.01 U	1.3	0.035 U	0.01 U	10.0	0.002 U	0.01 U	0.010 U
9/2/15	0.01 U	1.3	0.005 U	0.00 U	9.0	0.001 U	0.01 U	0.005 U
3/22/16	0.00 U	1.4	0.002 U	0.00 U	10.4	0.001 U	0.00 U	0.002 U
9/1/16	0.00 U	1.2	0.002 U	0.00 U	9.3	0.001 U	0.00 U	0.002
3/9/17	0.00 U	1.2	0.002 U	0.00 U	17.4	0.001 U	0.00 U	0.003
9/13/17	0.00 U	1.0	0.002 U	0.00 U	8.4	0.001 U	0.00 U	0.003
4/2/18	0.00 U	1.3	0.002 U	0.00 U	14.6	0.001 U	0.00 U	0.006
9/5/18	0.00 U	1.2	0.002 U	0.00 U	11.3	0.001 U	0.00 U	0.003

Gude Landfill
Monitoring Location MW-3B - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS					0.2			10		1				
7/29/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/20/10	160.0	0.20 U	10.0 U	2.5000 U	--	--	100.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
4/20/11	110.0	0.20 U	22.4	4.5900	--	--	66.0	0.2000 U	0.25	0.07	--	--	--	--
9/15/11	80.0	0.20 U	7.6	2.5700	--	--	45.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/12/12	111.0	0.20 U	6.7	3.4900	--	--	114.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/10/12	137.0	0.20 U	10.0 U	3.4600	--	--	188.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/21/13	118.0	0.20 U	10.0 U	2.7600	--	7.72	132.0	0.2000 U	0.20 U	0.05 U	433.0	8.03	--	161.1
9/16/13	123.0	0.20 U	10.0 U	3.0500	--	8.33	162.0	0.2000 U	0.20 U	0.05 U	311.0	7.59	--	221.9
3/11/14	112.0	0.20 U	10.0 U	2.6300	--	9.23	130.0	0.2000 U	--	--	269.0	7.11	--	214.0
9/3/14	105.0	0.20 U	10.0 U	2.5000 U	--	7.50	118.0	0.2000 U	0.20 U	0.05 U	311.0	7.32	--	146.9
3/23/15	94.0	0.20 U	10.0 U	2.5000 U	--	7.20	100.0	0.2000 U	0.20 U	0.05 U	390.0	7.49	--	184.6
9/2/15	81.0	0.20 U	10.0 U	2.5800	--	9.02	66.0	0.2000 U	0.20 U	0.05 U	286.0	7.00	--	184.0
3/22/16	86.0	0.20 U	10.0 U	2.5300	--	0.00	78.0	0.2000 U	0.20 U	0.05 U	333.0	7.42	--	191.6
9/1/16	234.0	0.20 U	10.0 U	479.0000	--	4.84	590.0	0.2000 U	0.20 U	0.05 U	360.0	6.81	--	153.0
3/9/17	91.0	0.20 U	10.0 U	2.5000 J	--	5.24	70.0	0.2000 U	0.20 U	0.05 U	410.0	6.97	--	197.7
9/13/17	65.0	0.20 U	10.0 U	2.7600	--	3.77	72.0	0.2000 U	0.20 U	0.05 U	310.0	6.94	--	157.6
4/2/18	78.0	0.20 U	10.0 U	2.9500	--	--	67.3	0.2000 U	0.20 U	0.05 U	178.0	7.36	--	151.5
9/5/18	75.7	0.20 U	10.0 U	2.5100	--	--	59.3	0.2000 U	0.20 U	0.05 U	239.0	6.84	--	177.4
4/11/19	60.5	0.10 U	6.0	3.1000	--	3.65	41.6 B	0.2000 J	--	--	84.7	6.87	6.93	197.5

Gude Landfill
Monitoring Location MW-3B - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
7/31/19	42.2	0.10 U	11.5	3.6000	--	6.46	28.5	0.2000 U	--	--	106.2	6.43	2.14	86.0
3/4/20	21.0	0.10 U	3.0 U	2.7000	--	8.10	15.3	0.2000 U	--	--	262.2	5.78	6.25	44.6
7/28/20	22.2	0.10 U	17.0	2.9000	--	7.80	15.7	0.2000 U	--	--	156.1	6.45	6.51	100.1
3/23/21	21.1	0.10 U	3.0 U	2.8400	--	9.60	16.3	0.1430	--	--	154.2	6.67	6.53	56.1
9/2/21	134.0	0.05 U	10.6	2.0800	--	0.94	94.5	0.0170	--	--	-37.7	7.45	7.18	243.5
3/30/22	85.1	0.02 U	3.0 U	3.3600	--	2.78	50.6	0.0540	--	--	103.1	7.10	6.84	179.3

Gude Landfill
Monitoring Location MW-3B - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS								
7/29/10	--	--	3.0 U	--	--	--	--	--
9/20/10	--	13.50	--	--	332.0	--	42.000	--
4/20/11	--	165.00 J	--	--	472.0	--	2130.000	--
9/15/11	--	36.90	--	--	188.0	--	--	--
3/12/12	--	65.70	--	--	268.0	--	--	--
9/10/12	--	94.40	--	--	292.0	--	--	--
3/21/13	--	52.60	--	13.5	158.0	--	--	11.30
9/16/13	--	43.20	--	14.3	242.0	--	--	22.70
3/11/14	--	29.40	--	14.3	228.0	--	--	27.80
9/3/14	--	23.60	--	15.6	256.0	--	--	30.10
3/23/15	--	11.60	--	7.8	142.0	--	--	4.40
9/2/15	--	5.74	--	22.0	63.0	--	--	3.44
3/22/16	--	10.80	--	13.0	107.0	--	--	5.20
9/1/16	--	65.50	--	15.3	1240.0	--	--	0.00
3/9/17	--	16.40	--	14.6	40.0	--	--	4.00
9/13/17	--	7.33	--	15.0	104.0	--	--	2.00
4/2/18	--	11.70	--	9.2	125.0	--	--	11.50
9/5/18	--	11.50	--	13.6	118.0	--	--	1.40
4/11/19	145.0	47.50	--	12.7	100.0	37.9	8.630	12.80

Gude Landfill
Monitoring Location MW-3B - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
7/31/19	91.4	2.90	--	20.0	73.0	9.2	9.260	16.50
3/4/20	47.7	1.00 U	--	14.4	48.0	6.8	3.250	0.70
7/28/20	53.6	1.66	--	17.2	54.3	7.1	4.800	9.00
3/23/21	54.1	0.90	--	14.3	46.5	9.1	4.880	2.13
9/2/21	251.0	12.20	--	15.1	166.0 B	186.0	16.200	29.50
3/30/22	197.0	13.80	--	7.3	134.0	34.4	11.800	23.71

Gude Landfill
Monitoring Location MW-3B - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
7/29/10	0.0006 J	0.0091	0.2100	0.0020	0.0010 U	--	0.0740	0.0270	0.0860	--	0.04900	--
9/20/10	0.0050 U	0.0050 U	0.0943	0.0050 U	0.0050 U	10.70	0.0246	0.0050 U	0.0125	1.3300	0.00500 U	0.715
4/20/11	0.0050 U	0.0050 U	0.2370	0.0050 U	0.0050 U	63.00	0.0180	0.0270	0.0533	9.6200	0.04100	10.600
9/15/11	0.0050 U	0.0050 U	0.1750	0.0100 U	0.0050 U	57.40	0.0129	0.0064	0.0184	3.8900	0.01100	5.360
3/12/12	0.0050 U	0.0050 U	0.0994	0.0050 U	0.0050 U	42.30	0.0409	0.0120	0.0403	19.4000	0.01380	11.700
9/10/12	0.0050 U	0.0050 U	0.1300	0.0050 U	0.0050 U	61.80	0.1840	0.0243	0.1050	19.1500	0.01630	11.300
3/21/13	0.0050 U	0.0050 U	0.0643	0.0050 U	0.0050 U	44.40	0.0478	0.0093	0.0308	8.8900	0.00869	7.410
9/16/13	0.0050 U	0.0050 U	0.1200	0.0050 U	0.0050 U	54.50	0.1240	0.0157	0.0540	24.9000	0.01710	12.000
3/11/14	0.0050 U	0.0050 U	0.0491	0.0050 U	0.0050 U	34.30	0.0530	0.0058	0.0258	5.6800	0.00773	6.810
9/3/14	0.0050 U	0.0050 U	0.0808	0.0050 U	0.0050 U	33.30	0.0655	0.0113	0.0467	11.4000	0.01340	7.090
3/23/15	0.0020 U	0.0020 U	0.0100 U	0.0020 U	0.0040 U	26.00	0.0100 U	0.0100 U	0.0100 U	0.2400	0.00200 U	3.600
9/2/15	0.0010 U	0.0010 U	0.0300	0.0010 U	0.0005 U	23.00	0.0050 U	0.0050 U	0.0050 U	0.1300	0.00100 U	2.800
3/22/16	0.0020 U	0.0020 U	0.0135	0.0020 U	0.0020 U	24.50	0.0020 U	0.0020 U	0.0020 U	0.2550	0.00200 U	3.950
9/1/16	0.0020 U	0.0026	0.3040	0.0020 U	0.0020 U	106.00	0.0061	0.7460	0.0092	3.9200	0.00200 U	77.400
3/9/17	0.0050 U	0.0050 U	0.0146	0.0050 U	0.0050 U	22.80	0.0050 U	0.0050 U	0.0050 U	0.2400	0.00500 U	3.730
9/13/17	0.0050 U	0.0050 U	0.0209	0.0050 U	0.0050 U	19.40	0.0050 U	0.0050 U	0.0050 U	0.2710	0.00500 U	3.340
4/2/18	0.0050 U	0.0050 U	0.0193	0.0050 U	0.0050 U	21.30	0.0050 U	0.0050 U	0.0050	1.2500	0.00500 U	3.440
9/5/18	0.0020 U	0.0020 U	0.0079	0.0020 U	0.0020 U	18.80	0.0041	0.0020 U	0.0020 U	0.4940	0.00200 U	2.960
4/11/19	0.0010 U	0.0010 U	0.0105	0.0010 U	0.0010 U	12.10 B	0.0053	0.0010 U	0.0014	0.6140	0.00100 U	2.770
7/31/19	0.0010 U	0.0010 U	0.0117	0.0010 U	0.0010 U	7.87	0.0185	0.0012	0.0221	0.5840	0.00100 U	2.160
3/4/20	0.0010 U	0.0010 U	0.0046	0.0010 U	0.0010 U	3.47	0.0020	0.0010 U	0.0014	0.2180	0.00100 U	1.620
7/28/20	0.0010 U	0.0010 U	0.0062	0.0010 U	0.0010 U	3.44	0.0065	0.0010 U	0.0038	0.2420	0.00100 U	1.720
3/23/21	0.0010 U	0.0010 U	0.0070	0.0010 U	0.0010 U	3.68	0.0011	0.0010 U	0.0028	0.2340	0.00100 U	1.740

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-3B - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
9/2/21	0.0010 U	0.0010 U	0.0126	0.0010 U	0.0010 U	30.20	0.0056	0.0012	0.0044	1.3800	0.00209	4.630
3/30/22	0.0010 U	0.0011	0.0064	0.0010 U	0.0010 U	16.00	0.0032	0.0010 U	0.0048	0.2220	0.00127	2.600

Gude Landfill
Monitoring Location MW-3B - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002			
7/29/10	--	0.000200 U	0.0640	--	0.00160	0.0010 U	--	0.0008 J	0.0056	0.05600	0.19000
9/20/10	0.03950	0.000200 U	0.0266	26.000	0.00500 U	0.0050 U	56.70	0.0050 U	--	0.00470 J	0.01230
4/20/11	1.26000	0.000200 U	0.0310	9.540	0.00500 U	0.0050 U	107.00 J	0.0050 U	--	0.02790	0.10800
9/15/11	0.27600	0.000200 U	--	9.110	0.00500 U	0.0050 U	41.00	0.0050 U	--	0.00980	0.03590
3/12/12	0.37100	0.000200 U	--	7.830	0.00500 U	0.0050 U	48.60	0.0050 U	--	0.02200	0.07240
9/10/12	0.58400	0.000200 U	0.0050 U	7.260	0.00500 U	0.0050 U	51.10	0.0050 U	--	0.02160	0.09880
3/21/13	0.33000	0.000200 U	0.0050 U	4.180	0.00500 U	0.0050 U	36.00	0.0050 U	--	0.01120	0.04290
9/16/13	0.46500	0.000308	0.0061	6.490	0.00500 U	0.0050 U	30.10	0.0050 U	--	0.02330	0.08010
3/11/14	0.22100	0.000200 U	0.0605	3.190	0.00500 U	0.0050 U	19.40	0.0050 U	--	0.00683	0.03000
9/3/14	0.38500	0.000200 U	0.0648	3.550	0.00500 U	0.0050 U	17.00	0.0050 U	--	0.01360	0.06120
3/23/15	0.01100	0.000200 U	0.0110 U	1.500	0.03500 U	0.0100 U	12.00	0.0020 U	--	0.01000 U	0.01000 U
9/2/15	0.01000 U	0.000200 U	0.0100 U	1.300	0.00500 U	0.0010 U	9.10	0.0010 U	--	0.00500 U	0.00500 U
3/22/16	0.01150	0.000200 U	0.0020 U	1.670	0.00200 U	0.0020 U	11.40	0.0010 U	--	0.00200 U	0.00200 U
9/1/16	60.10000	0.000200 U	0.0820	4.250	0.00249	0.0020 U	114.00	0.0010 U	--	0.00228	0.04150
3/9/17	0.01430	0.000200 U	0.0050 U	1.420	0.00500 U	0.0050 U	22.40	0.0050 U	--	0.00500 U	0.00554
9/13/17	0.02120	0.000200 U	0.0050 U	1.210	0.00500 U	0.0050 U	11.20	0.0050 U	--	0.00500 U	0.03010
4/2/18	0.07160	0.000200 U	0.0052	1.670	0.00500 U	0.0050 U	14.80	0.0050 U	--	0.00500 U	0.03360
9/5/18	0.01400	0.000200 U	0.0020 U	1.270	0.00200 U	0.0020 U	15.10	0.0010 U	--	0.00200 U	0.00470
4/11/19	0.03220	0.000100 U	0.0036	1.260	0.00100 U	0.0010 U	13.50	0.0010 U	--	0.00119	0.01040
7/31/19	0.02160	0.000100 U	0.0114	1.190	0.00100 U	0.0010 U	6.37	0.0010 U	--	0.00100 U	0.01540 B
3/4/20	0.01020	0.000100 U	0.0012	0.931	0.00100 U	0.0010 U	3.21	0.0010 U	--	0.00100 U	0.01130
7/28/20	0.01180	0.000100 U	0.0055	0.905	0.00100 U	0.0010 U	5.36	0.0010 U	--	0.00100 U	0.00978
3/23/21	0.01690	0.000100 U	0.0015	0.957	0.00100 U	0.0010 U	4.53	0.0010 U	--	0.00100 U	0.01370

Gude Landfill
Monitoring Location MW-3B - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
9/2/21	0.07960	0.000100 U	0.0051	2.380	0.00100 U	0.0010 U	16.80	0.0010 U	--	0.00279	0.00647
3/30/22	0.02700	0.000100 U	0.0018	1.250	0.00100 U	0.0010 U	20.20	0.0010 U	--	0.00122	0.01140

Gude Landfill

Printed 5/25/22

Monitoring Location MW-3B - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600		5	5	75
7/29/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/20/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/15/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/16/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/11/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.32
9/3/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/13/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/5/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/11/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/31/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-3B - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
3/4/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/28/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-3B - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
7/29/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/20/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/15/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/16/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/11/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.08	1.00 U	1.00 U
9/3/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/16	5.00 U	5.00 U	5.00 U	6.17	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/13/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/5/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/11/19	5.00 U	5.00 U	5.00 U	7.20 B	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/31/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10

Gude Landfill
Monitoring Location MW-3B - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
3/4/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00
7/28/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.80
3/23/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20
9/2/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20

Gude Landfill
Monitoring Location MW-3B - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS		70		80	700	10000				5	10000	100	5	1000	100
7/29/10	1.00 U	0.90 J	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/10	2.00 U	1.11 J	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/20/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/15/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/10/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/16/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/11/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.44	1.00 U	1.00 U
9/3/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/15	1.00 U	1.02	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/13/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/5/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/11/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/31/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-3B - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
3/4/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/28/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-3B - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
7/29/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	--
4/20/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/15/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/21/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/16/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/11/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/3/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/23/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/2/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/22/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/1/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/9/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/13/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/2/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/5/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/11/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/31/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location MW-3B - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
3/4/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/28/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/30/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location MW-4 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/26/11	0.005 U	0.005 U	0.038	0.005 U	0.005 U	22.4	0.01 U	0.01 U	0.005 U	0.6	0.005 U	12.5	0.081	0.0002 U
9/15/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/12	0.005 U	0.005 U	0.039	0.005 U	0.005 U	38.6	0.01 U	0.01 U	0.005 U	0.3	0.005 U	23.3	0.122	0.0002 U
9/18/12	0.005 U	0.005 U	0.034	0.005 U	0.005 U	33.8	0.01 U	0.01 U	0.005 U	0.4	0.005 U	21.0	0.105	0.0002 U
4/1/13	0.005 U	0.005 U	0.048	0.005 U	0.005 U	8.7	0.01 U	0.01 U	0.012	0.2 U	0.005 U	5.9	0.189	0.0002 U
9/23/13	0.005 U	0.005 U	0.036	0.005 U	0.005 U	34.0	0.01 U	0.01 U	0.005 U	0.5	0.005 U	22.2	0.142	0.0002 U
3/6/14	0.005 U	0.005 U	0.039	0.005 U	0.005 U	43.7	0.01 U	0.01 U	0.005 U	0.5	0.005 U	24.5	0.156	0.0002 U
9/4/14	0.005 U	0.005 U	0.037	0.005 U	0.005 U	33.9	0.01 U	0.01 U	0.005 U	0.3	0.005 U	20.4	0.066	0.0002 U
3/19/15	0.002 U	0.002 U	0.031	0.002 U	0.004 U	40.0	0.01 U	0.01 U	0.010 U	0.0 U	0.002 U	24.0	0.055	0.0002 U
9/3/15	0.001 U	0.001 U	0.034	0.001 U	0.001 U	37.0	0.01 U	0.01 U	0.005 U	0.1	0.001 U	23.0	0.180	0.0002 U
3/21/16	0.002 U	0.002 U	0.032	0.002 U	0.002 U	37.7	0.00 U	0.00 U	0.002 U	0.2	0.002 U	22.0	0.055	0.0002 U
8/30/16	0.002 U	0.002 U	0.032	0.002 U	0.002 U	35.0	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	20.7	0.045	0.0002 U
3/8/17	0.002 U	0.002 U	0.033	0.002 U	0.002 U	36.6	0.00 U	0.00 U	0.002	0.2 U	0.002 U	21.6	0.043	0.0002 U
9/13/17	0.002 U	0.002 U	0.033	0.002 U	0.002 U	38.3	0.00 U	0.00 U	0.002 U	0.2	0.002 U	22.8	0.070	0.0002 U
4/3/18	0.002 U	0.002 U	0.031	0.002 U	0.002 U	37.9	0.00	0.00 U	0.002 U	0.1 U	0.002 U	21.8	0.022	0.0002 U
9/11/18	0.002 U	0.002 U	0.031	0.002 U	0.002 U	41.0	0.00	0.00 U	0.002 U	0.1 U	0.002 U	23.1	0.020	0.0002 U

Gude Landfill
Monitoring Location MW-4 - Dissolved Metals

Printed 5/25/22

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/26/11	0.01	2.6	0.005 U	0.01 U	15.0	0.005 U	0.01 U	0.005
9/15/11	0.01	--	--	--	--	--	--	--
3/8/12	0.02	2.9	0.005 U	0.01 U	29.1	0.005 U	0.01 U	0.007
9/18/12	0.01	2.9	0.005 U	0.01 U	27.8	0.005 U	0.01 U	0.014
4/1/13	0.01	1.3	0.005 U	0.01 U	7.5	0.005 U	0.01 U	0.011
9/23/13	0.01	2.6	0.005 U	0.01 U	28.5	0.005 U	0.01 U	0.007
3/6/14	0.01	2.8	0.005 U	0.01 U	30.2	0.005 U	0.01 U	0.006
9/4/14	0.01	2.6	0.005 U	0.01 U	27.3	0.005 U	0.01 U	0.008
3/19/15	0.01 U	2.9	0.035 U	0.01 U	31.0	0.002 U	0.01 U	0.010 U
9/3/15	0.01 U	2.8	0.005 U	0.00 U	32.0	0.001 U	0.01 U	0.005 U
3/21/16	0.00 U	2.6	0.002 U	0.00 U	28.8	0.001 U	0.00 U	0.002
8/30/16	0.00 U	2.6	0.002 U	0.00 U	28.5	0.001 U	0.00 U	0.002
3/8/17	0.00	2.6	0.002 U	0.00 U	29.0	0.001 U	0.00	0.004
9/13/17	0.00	2.6	0.002 U	0.00 U	31.5	0.001 U	0.00 U	0.002 U
4/3/18	0.00	2.7	0.002 U	0.00 U	29.4	0.001 U	0.00 U	0.004
9/11/18	0.00	2.8	0.002 U	0.00 U	27.0	0.001 U	0.00 U	0.003

Gude Landfill
Monitoring Location MW-4 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS					0.2			10		1				
7/30/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/21/10	70.0	0.20 U	10.0 U	106.0000	--	--	183.0	0.3756 HT	0.39 HT	0.01 J	--	--	--	--
4/26/11	60.0	0.20 U	10.0 U	138.0000 J	--	--	200.0	0.3780	0.39	0.05 U	--	--	--	--
9/15/11	52.0	0.20 U	10.0 U	120.0000	--	--	163.0	0.4060	0.42	0.05 U	--	--	--	--
3/8/12	56.0	0.20 U	3.1	145.0000	--	--	188.0	0.4700	0.48	0.05 U	--	--	--	--
9/18/12	51.0	0.20 U	10.0 U	125.0000	--	--	162.0	0.4440	0.49	0.05 U	--	--	--	--
4/1/13	55.0	0.20 U	10.0 U	141.0000	--	0.18	186.0	0.4650	0.52	0.05 U	364.0	6.11	--	620.9
9/23/13	55.0	0.20 U	10.0 U	128.0000	--	0.14	170.0	0.4890	0.50	0.05 U	300.0	6.05	--	485.6
3/6/14	65.0	0.20 U	10.0 U	147.0000	--	0.23	206.0	0.4630	--	--	284.0	6.03	--	548.7
9/4/14	51.0	0.20 U	10.0 U	139.0000	--	1.71	194.0	0.5660	0.58	0.05 U	253.0	6.24	--	498.8
3/19/15	50.0	0.20 U	10.0 U	143.0000	--	0.00	212.0	0.6210	0.67	0.05 U	356.0	5.96	--	487.3
9/3/15	60.0	0.20 U	10.0 U	152.0000	--	7.70	194.0	0.5070	0.56	0.05 U	221.0	5.92	--	574.2
3/21/16	54.0	0.20 U	10.0 U	154.0000	--	0.00	184.0	0.6510	0.70	0.05 U	327.0	5.99	--	524.6
8/30/16	47.0	0.20 U	10.0 U	138.0000	--	--	140.0	0.6550	0.67	0.05 U	330.0	5.86	--	502.0
3/8/17	47.0	0.20 U	10.0 U	148.0000	--	--	192.0	0.6680	0.72	0.05 U	370.0	5.71	--	499.4
9/13/17	54.0	0.20 U	10.0 U	148.0000	--	0.43	116.0	0.6580	0.67	0.05 U	392.0	6.03	--	589.9
4/3/18	43.2	0.20 U	10.0 U	145.0000	--	--	181.0	0.7870	0.80	0.05 U	180.0	5.82	--	497.2
9/11/18	43.5	0.20 U	10.0 U	148.0000	--	--	191.0	0.7880	0.80	0.05 U	219.0	5.67	--	550.8
4/8/19	45.6	0.10 U	12.4	156.0000	--	0.26	187.0 B	0.8000	--	--	160.3	5.76	5.95	718.0

Gude Landfill
Monitoring Location MW-4 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
7/30/19	43.8	0.10 U	11.5	157.0000	--	0.50	174.0 B	0.7000	--	--	199.9	5.77	5.93	529.0
3/16/20	45.2	0.10 U	11.7	150.0000	--	0.66	205.0	0.8200	--	--	135.8	5.60	6.07	739.0
8/3/20	43.0	0.10 U	26.6	158.0000	--	0.68	203.0	0.6800	--	--	184.7	5.74	5.83	574.0
3/29/21	48.0	0.10 U	3.0 U	170.0000	--	0.07	194.0	0.6620	--	--	172.1	5.71	5.92	580.0
9/7/21	55.9	0.05 U	4.8	170.0000	--	0.27	239.0	0.6770	--	--	128.0	5.64	5.82	654.0
3/29/22	49.8	0.02 U	3.0 U	175.0000	--	7.07	229.0	0.6650	--	--	118.8	5.68	5.89	603.0

Gude Landfill Monitoring Location MW-4 - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS								
7/30/10	--	--	3.0 U	--	--	--	--	--
9/21/10	--	4.00 U	--	--	552.0	--	880.000	--
4/26/11	--	4.00 U	--	--	552.0	--	13.200	--
9/15/11	--	4.00 U	--	--	520.0	--	--	--
3/8/12	--	4.00 U	--	--	528.0	--	--	--
9/18/12	--	4.00 U	--	--	428.0	--	--	--
4/1/13	--	4.26	--	13.4	310.0	--	--	59.70
9/23/13	--	4.01	--	15.3	442.0	--	--	45.20
3/6/14	--	4.73	--	11.4	320.0	--	--	132.60
9/4/14	--	4.73	--	15.0	370.0	--	--	87.00
3/19/15	--	5.37	--	14.1	442.0	--	--	13.30
9/3/15	--	5.12	--	15.4	320.0	--	--	0.00
3/21/16	--	5.32	--	13.0	320.0	--	--	14.10
8/30/16	--	4.80	--	16.5	412.0	--	--	6.50
3/8/17	--	5.13	--	13.9	282.0	--	--	1.70
9/13/17	--	5.10	--	15.2	507.0	--	--	0.30
4/3/18	--	4.85	--	11.6	398.0	--	--	4.80
9/11/18	--	4.17	--	15.9	398.0	--	--	5.70
4/8/19	604.0	5.90	--	15.0	482.0	4.7 U	3.420	5.40

Gude Landfill
Monitoring Location MW-4 - General Parameters

Printed 5/25/22

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
7/30/19	597.0	5.90	--	15.8	475.0	25.1	11.900	8.00
3/16/20	608.0	4.85	--	13.0	480.0	336.0	45.300	51.20
8/3/20	638.0	4.57	--	18.1	365.0	107.0	33.200 O-	53.80
3/29/21	663.0	5.50	--	14.8	366.0	151.0	16.600	106.90
9/7/21	664.0	3.80	--	20.4	254.0	7920.0	228.000	475.00
3/29/22	697.4	4.60	--	13.9	389.0	711.0	183.000	1076.00

Gude Landfill
Monitoring Location MW-4 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
7/30/10	0.0010 U	0.0006 J	0.0270	0.0010 U	0.0010 U	--	0.0008 J	0.0011	0.0010 U	--	0.00100 U	--
9/21/10	0.0050 U	0.0050 U	0.2280	0.0050 U	0.0050 U	34.40	0.0261	0.0264	0.0370	37.6000	0.02200	30.900
4/26/11	0.0050 U	0.0050 U	0.0431	0.0050 U	0.0050 U	35.50 J	0.0050 U	0.0050 U	0.0050 U	1.2100	0.00500 U	25.800 J
9/15/11	0.0050 U	0.0050 U	0.0409	0.0050 U	0.0050 U	34.50	0.0050 U	0.0050 U	0.0050 U	1.0600	0.00500 U	22.900
3/8/12	0.0050 U	0.0050 U	0.0721	0.0050 U	0.0050 U	40.40	0.0076	0.0050 U	0.0145	7.6900	0.00500 U	25.500
9/18/12	0.0050 U	0.0050 U	0.0383	0.0050 U	0.0050 U	33.40	0.0050 U	0.0050 U	0.0050 U	0.8890	0.00500 U	19.600
4/1/13	0.0050 U	0.0050 U	0.0383	0.0050 U	0.0050 U	39.60	0.0050 U	0.0050 U	0.0133	0.9700	0.00500 U	22.600
9/23/13	0.0050 U	0.0050 U	0.0417	0.0050 U	0.0050 U	35.10	0.0050 U	0.0050 U	0.0050 U	0.7860	0.00500 U	23.200
3/6/14	0.0050 U	0.0050 U	0.0483	0.0050 U	0.0050 U	45.60	0.0050 U	0.0050 U	0.0050 U	1.9200	0.00500 U	25.000
9/4/14	0.0050 U	0.0050 U	0.0420	0.0050 U	0.0050 U	35.00	0.0050 U	0.0050 U	0.0050 U	1.0200	0.00500 U	21.100
3/19/15	0.0020 U	0.0020 U	0.0340	0.0020 U	0.0040 U	40.00	0.0100 U	0.0100 U	0.0100 U	0.7000	0.00200 U	25.000
9/3/15	0.0010 U	0.0010 U	0.0320	0.0010 U	0.0005 U	39.00	0.0050 U	0.0050 U	0.0050 U	0.2200	0.00100 U	25.000
3/21/16	0.0050 U	0.0050 U	0.0410	0.0050 U	0.0050 U	43.80	0.0050 U	0.0050 U	0.0050 U	0.7260	0.00500 U	25.300
8/30/16	0.0020 U	0.0020 U	0.0323	0.0020 U	0.0020 U	34.50	0.0020 U	0.0020 U	0.0020 U	0.3800	0.00200 U	20.500
3/8/17	0.0020 U	0.0020 U	0.0326	0.0020 U	0.0020 U	35.40	0.0021	0.0020 U	0.0023	0.2340	0.00200 U	20.900
9/13/17	0.0020 U	0.0020 U	0.0333	0.0020 U	0.0020 U	38.80	0.0020 U	0.0020 U	0.0020 U	0.2520	0.00200 U	23.200
4/3/18	0.0020 U	0.0020 U	0.0318	0.0020 U	0.0020 U	37.30	0.0020 U	0.0020 U	0.0032	0.1770	0.00200 U	21.400
9/11/18	0.0050 U	0.0050 U	0.0326	0.0050 U	0.0050 U	39.40	0.0050 U	0.0050 U	0.0050 U	0.1190	0.00500 U	22.600
4/8/19	0.0010 U	0.0010 U	0.0334	0.0010 U	0.0010 U	33.00	0.0027	0.0010 U	0.0012	0.5660	0.00100 U	25.400
7/30/19	0.0010 U	0.0010 U	0.0357	0.0010 U	0.0010 U	32.00 B	0.0036	0.0010 U	0.0114	1.4800	0.00100 U	23.000
3/16/20	0.0010 U	0.0010 U	0.0451	0.0010 U	0.0010 U	37.40	0.0065	0.0010	0.0010 U	2.7600	0.00124	27.100
8/3/20	0.0010 U	0.0010 U	0.0463	0.0010 U	0.0010 U	36.10	0.0055	0.0012	0.0024	3.4100	0.00123	27.300
3/29/21	0.0010 U	0.0010 U	0.0474	0.0010 U	0.0010 U	35.80	0.0052	0.0014	0.0025	3.0000	0.00165	25.400

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-4 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
9/7/21	0.0010 U	0.0025	0.1800	0.0016	0.0010 U	40.60	0.0257	0.0136	0.0204	25.6000	0.01520	33.500
3/29/22	0.0010 U	0.0010 U	0.0824	0.0010 U	0.0010 U	45.90	0.0042	0.0028	0.0041	4.7200	0.00551	27.800

Gude Landfill
Monitoring Location MW-4 - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002			
7/30/10	--	0.000200 U	0.0200	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U	0.01300
9/21/10	2.87000	0.000200 U	0.0758	12.200	0.00500 U	0.0050 U	29.40	0.0050 U	--	0.02130	0.13800
4/26/11	0.13800	0.000200 U	0.0108	3.560	0.00500 U	0.0050 U	30.20 J	0.0050 U	--	0.00500 U	0.00782
9/15/11	0.10400	0.000200 U	--	2.760	0.00500 U	0.0050 U	29.40	0.0050 U	--	0.00500 U	0.00755
3/8/12	0.54900	0.000200 U	0.0085	4.510	0.00500 U	0.0050 U	29.70	0.0050 U	--	0.00500 U	0.03130
9/18/12	0.11500	0.000200 U	0.0108	3.010	0.00500 U	0.0050 U	24.90	0.0050 U	--	0.00500 U	0.00689
4/1/13	0.17500	0.000200 U	0.0059	3.470	0.00500 U	0.0050 U	30.90	0.0050 U	--	0.00500 U	0.00903
9/23/13	0.14200	0.000200 U	0.0096	2.530	0.00500 U	0.0050 U	29.60	0.0050 U	--	0.00500 U	0.00733
3/6/14	0.25700	0.000200 U	0.0130	3.030	0.00500 U	0.0050 U	30.30	0.0050 U	--	0.00500 U	0.01030
9/4/14	0.12300	0.000200 U	0.0076	2.790	0.00500 U	0.0050 U	28.30	0.0050 U	--	0.00500 U	0.01080
3/19/15	0.09100	0.000200 U	0.0110 U	3.000	0.03500 U	0.0100 U	30.00	0.0020 U	--	0.01000 U	0.00560 J
9/3/15	0.12000	0.000200 U	0.0100 U	2.900	0.00500 U	0.0010 U	35.00	0.0010 U	--	0.00500 U	0.00500 U
3/21/16	0.07260	0.000200 U	0.0050 U	3.440	0.00500 U	0.0050 U	33.30	0.0050 U	--	0.00500 U	0.00648
8/30/16	0.05280	0.000200 U	0.0020 U	2.530	0.00200 U	0.0020 U	27.50	0.0010 U	--	0.00200 U	0.00223
3/8/17	0.04480	0.000200 U	0.0021	2.470	0.00200 U	0.0020 U	28.00	0.0010 U	--	0.00200 U	0.00257
9/13/17	0.09240	0.000200 U	0.0049	2.540	0.00200 U	0.0020 U	32.10	0.0010 U	--	0.00200 U	0.00200 U
4/3/18	0.02140	0.000200 U	0.0020 U	2.640	0.00200 U	0.0020 U	28.90	0.0010 U	--	0.00200 U	0.00583
9/11/18	0.01850	0.000200 U	0.0050 U	2.740	0.00500 U	0.0050 U	29.50	0.0050 U	--	0.00500 U	0.00500 U
4/8/19	0.02270	0.000100 U	0.0017	2.860	0.00100 U	0.0010 U	34.40	0.0010 U	--	0.00100 U	0.00463
7/30/19	0.05790	0.000100 U	0.0022	2.850	0.00100 U	0.0010 U	29.70 B	0.0010 U	--	0.00100 U	0.00609
3/16/20	0.10600	0.000100 U	0.0050	3.500	0.00100 U	0.0010 U	32.90	0.0010 U	--	0.00100 U	0.00904 B
8/3/20	0.11500	0.000100 U	0.0044	3.450	0.00100 U	0.0010 U	33.00	0.0010 U	--	0.00187	0.01440
3/29/21	0.17700	0.000100 U	0.0018	3.360	0.00100 U	0.0010 U	30.40	0.0010 U	--	0.00190	0.01140

Gude Landfill
Monitoring Location MW-4 - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
9/7/21	1.73000	0.000221	0.0314	8.800	0.00327	0.0010 U	31.10	0.0010 U	--	0.01530	0.09180
3/29/22	0.67600	0.000100 U	0.0036	3.470 B	0.00140	0.0010 U	31.70	0.0010 U	--	0.00218	0.01380

Gude Landfill

Printed 5/25/22

Monitoring Location MW-4 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600		5	5	75
7/30/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/21/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/26/11	1.00 U	1.00 U	1.00 U	1.00 U	9.30	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/15/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/8/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/18/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/4/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/19/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/13/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/3/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-4 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
3/16/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-4 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
7/30/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/21/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/26/11	5.00 U	5.00 U	5.00 U	9.40	5.00 U	1.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.60	1.00 U	1.00 U
9/15/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/19/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/13/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/3/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-4 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
3/16/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-4 - Volatile Organic Compounds

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
7/30/10	1.00 U	0.50 J	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/21/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/26/11	2.90	13.00	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.70
9/15/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	2.00	--	1.00 U	1.50	1.00 U	1.00 U
3/8/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/18/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/13	1.00 U	1.70	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/19/15	1.00 U	1.25	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	6.07	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/16	1.00 U	1.18	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/16	1.00 U	1.04	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/17	1.00 U	1.22	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/13/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/3/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	1.00 U	1.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-4 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
3/16/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Monitoring Location MW-4 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
7/30/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/21/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	--
4/26/11	1.00 U	5.00 U	5.60	1.00 U	1.00 U	1.00 U	1.00 U
9/15/11	1.00 U	5.00 U	1.40	14.00	1.00 U	3.10	1.00 U
3/8/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/1/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/23/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/6/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/4/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/19/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/3/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/21/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
8/30/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/8/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/13/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/3/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/30/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill

Printed 5/25/22

Monitoring Location MW-4 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
3/16/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location MW-6 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/20/11	0.005 U	0.005 U	0.226	0.005 U	0.005 U	69.5	0.01 U	0.34	0.006	0.5 U	0.005 U	52.7	49.900	0.0002 U
9/8/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/7/12	0.005 U	0.005 U	0.267	0.005 U	0.005 U	83.7	0.01 U	0.36	0.006	0.4	0.005 U	57.8	47.700	0.0002 U
9/13/12	0.005 U	0.005 U	0.270	0.005 U	0.005 U	74.8	0.01 U	0.28	0.005	0.5	0.005 U	53.3	37.300	0.0002 U
3/18/13	0.005 U	0.005 U	0.249	0.005 U	0.005 U	75.7	0.01 U	0.32	0.006	1.0	0.005 U	54.7	46.500	0.0002 U
9/16/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/17/13	0.005 U	0.005 U	0.271	0.005 U	0.005 U	81.6	0.01 U	0.31	0.005 U	0.4	0.005 U	57.9	42.000	0.0002 U
9/19/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/6/14	0.005 U	0.005 U	0.261	0.005 U	0.005 U	82.3	0.01 U	0.32	0.005 U	0.9	0.005 U	58.1	47.100	0.0002 U
9/2/14	0.005 U	0.005 U	0.402	0.005 U	0.005 U	98.2	0.01 U	0.51	0.007	2.0 U	0.005 U	69.2	52.700	0.0002 U
3/19/15	0.002 U	0.002 U	0.310	0.002 U	0.004 U	85.0	0.25	0.59	0.009 J	6.5	0.002 U	60.0	50.000	0.0002 U
8/31/15	0.001 U	0.001 U	0.320	0.001 U	0.001 U	85.0	0.21	0.46	0.011	1.9	0.001 U	67.0	50.000	0.0002 U
3/17/16	0.002 U	0.002 U	0.315	0.002 U	0.002	97.1	0.00 U	0.58	0.002 U	34.3	0.002 U	72.8	59.400	0.0002 U
9/1/16	0.002 U	0.003	0.318	0.002 U	0.002 U	107.0	0.01	0.69	0.008	3.5	0.002 U	77.4	60.800	0.0002 U
3/13/17	0.002 U	0.003	0.309	0.002 U	0.002 U	100.0	0.00 U	0.56	0.014	0.7	0.002 U	71.1	43.800	0.0002 U
9/11/17	0.002 U	0.002 U	0.414	0.002 U	0.002	109.0	0.00	0.62	0.002	0.7	0.002 U	79.5	62.300	0.0002 U
4/4/18	0.002 U	0.020 U	0.366	0.002 U	0.002 U	96.5	0.02 U	0.59	0.020 U	5.4	0.002 U	71.9	73.600	0.0002 U
9/4/18	0.002 U	0.002 U	0.310	0.002 U	0.002 U	99.6	0.01	0.76	0.002 U	29.2	0.002 U	73.5	74.200	0.0002 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-6 - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/20/11	0.03	3.1	0.005 U	0.01 U	62.2	0.005 U	0.01 U	0.043
9/8/11	0.03	--	--	--	--	--	--	--
3/7/12	0.04	3.7	0.005 U	0.01 U	77.8	0.005 U	0.01 U	0.033
9/13/12	0.06	4.1	0.007	0.01 U	64.0	0.005 U	0.01 U	0.039
3/18/13	0.05	3.4	0.007	0.01 U	64.3	0.005 U	0.01 U	0.037
9/16/13	0.03	--	--	--	--	--	--	--
9/17/13	0.04	3.7	0.008	0.01 U	68.4	0.005 U	0.01 U	0.035
9/19/13	0.06	--	--	--	--	--	--	--
3/6/14	0.03	3.3	0.005 U	0.01 U	67.5	0.005 U	0.01 U	0.043
9/2/14	0.06	4.3	0.007	0.01 U	98.0	0.005 U	0.01 U	0.045
3/19/15	0.49	3.7	0.350 U	0.01 U	97.0	0.002 U	0.01 U	0.044
8/31/15	0.35	4.0	0.005 U	0.00 U	97.0	0.001 U	0.01 U	0.044
3/17/16	0.05	3.2	0.005	0.00 U	102.0	0.001 U	0.00 U	0.023
9/1/16	0.08	4.2	0.002	0.00 U	114.0	0.001 U	0.00	0.040
3/13/17	0.07	4.0	0.002 U	0.00 U	112.0	0.001 U	0.00	0.040
9/11/17	0.07	4.3	0.006	0.00 U	123.0	0.001 U	0.00 U	0.033
4/4/18	0.06	5.0 U	0.020 U	0.00 U	115.0	0.001 U	0.02 U	0.027
9/4/18	0.07	2.3	0.002 U	0.00 U	107.0	0.001 U	0.00 U	0.030

Gude Landfill
Monitoring Location MW-6 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
MCL/ GWPS					0.2			10		1			
7/28/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--
9/21/10	260.0	0.20 U	10.0 U	222.0000	--	--	430.0	0.0757 J	0.11 J	0.03 J	--	--	--
4/20/11	264.0	0.20 U	17.3	200.0000	--	--	1720.0	0.2000 U	0.20 U	0.05 U	--	--	--
9/8/11	214.0	0.20 U	10.0 U	226.0000	--	--	430.0	0.2000 U	0.20 U	0.05 U	--	--	--
3/7/12	238.0	0.20 U	10.0 U	243.0000	--	--	470.0	0.2000 U	0.20 U	0.05 U	--	--	--
9/13/12	197.0	0.20 U	10.0 U	255.0000	--	--	452.0	0.2000 U	0.20 U	0.05 U	--	--	--
3/18/13	216.0	0.20 U	10.0 U	258.0000	--	0.13	472.0	0.2000 U	0.20 U	0.05 U	297.0	6.17	--
9/16/13	--	--	--	--	--	1.09	410.0	--	--	--	152.1	5.90	--
9/17/13	183.0	0.20 U	10.0 U	304.0000	--	0.19	500.0	0.2000 U	0.20 U	0.05 U	439.0	5.62	--
9/19/13	--	--	--	--	--	4.46	430.0	--	--	--	169.0	5.98	--
3/6/14	208.0	0.20 U	10.0 U	282.0000	--	4.05	500.0	0.2000 U	--	--	280.0	6.09	--
9/2/14	201.0	0.20 U	10.0 U	411.0000	--	1.13	632.0	0.2000 U	0.20 U	0.05 U	324.0	5.85	--
3/19/15	201.0	0.20 U	10.0 U	372.0000	--	0.00	104.0	0.2000 U	0.20 U	0.05 U	292.0	6.55	--
8/31/15	197.0	0.20 U	10.0 U	409.0000	--	--	800.0	0.2000 U	0.20 U	0.05 U	225.0	6.01	--
3/17/16	247.0	0.20 U	10.0 U	407.0000	--	2.98	710.0	0.2000 U	0.20 U	0.05 U	166.0	6.27	--
9/1/16	80.0	0.20 U	10.0 U	3.6100	--	--	70.0	0.2000 U	0.20 U	0.05 U	236.0	5.66	--
3/13/17	210.0	0.20 U	10.0 U	443.0000	--	--	630.0	0.2000 U	0.20 U	0.05 U	376.0	5.97	--
9/11/17	243.0	0.20 U	10.0 U	456.0000	--	--	1300.0	0.2000 U	0.20 U	0.05 U	349.0	5.99	--
4/4/18	250.0	0.20 U	10.4	533.0000	--	--	521.0	0.2000 U	0.20 U	0.05 U	68.0	6.00	--

Gude Landfill
Monitoring Location MW-6 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
9/4/18	250.0	0.20 U	10.0 U	545.0000	--	--	545.0	0.2000 U	0.20 U	0.05 U	18.0	5.99	--
4/12/19	245.0	0.10 U	12.0	618.0000	--	0.08	653.0 B	0.2000 U	--	--	86.8	5.86	6.03
8/1/19	241.0	0.10 U	3.0 U	564.0000	--	0.19	470.0	1.7000	--	--	61.1	5.62	6.12
3/12/20	130.0	0.38	12.7	455.0000	--	0.47	484.0	0.2300	--	--	43.7	5.71	6.07
8/5/20	211.0	0.10 U	10.9	503.0000	--	0.57	525.0	0.2000 U	--	--	107.4	6.00	5.90
3/23/21	240.0	0.10 U	5.8	488.0000	--	0.03	462.0	0.0760	--	--	12.5	5.87	6.00
9/7/21	248.0	0.05 U	31.8	515.0000	--	0.27	504.0	0.0290	--	--	115.3	5.75	5.93
3/31/22	242.0	0.32	3.2	475.0000	--	0.98	499.0	0.0150	--	--	97.1	5.82	6.05

Gude Landfill
Monitoring Location MW-6 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS									
7/28/10	--	--	--	3.0 U	--	--	--	--	--
9/21/10	--	--	54.10	--	--	1080.0	--	5300.000	--
4/20/11	--	--	58.70	--	--	868.0	--	1540.000	--
9/8/11	--	--	45.20	--	--	1036.0	--	--	--
3/7/12	--	--	43.40	--	--	976.0	--	--	--
9/13/12	--	--	47.40	--	--	776.0	--	--	--
3/18/13	1.4	--	48.00	--	12.6	644.0	--	--	270.00
9/16/13	938.0	--	--	--	16.6	--	--	4.600	4.80
9/17/13	1248.0	--	50.00	--	16.2	878.0	--	--	2651.00
9/19/13	1.2	--	--	--	14.6	--	--	3400.000	114.00
3/6/14	1214.0	--	62.10	--	14.4	718.0	--	--	589.00
9/2/14	1557.0	--	70.60	--	17.0	96.0	--	--	129.60
3/19/15	1320.0	--	77.20	--	16.8	926.0	--	--	11.20
8/31/15	1004.0	--	70.70	--	19.3	1022.0	--	--	6.40
3/17/16	1730.0	--	70.10	--	15.3	978.0	--	--	2.20
9/1/16	1844.0	--	7.46	--	26.2	98.0	--	--	15.60
3/13/17	1667.0	--	53.80	--	15.3	1060.0	--	--	9.00
9/11/17	1849.0	--	57.40	--	17.8	1140.0	--	--	3.50
4/4/18	1898.0	--	40.20	--	14.8	1080.0	--	--	7.10

Gude Landfill
Monitoring Location MW-6 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
9/4/18	2243.0	--	34.10	--	26.9	1140.0	--	--	0.00
4/12/19	2830.0	2390.0	41.40	--	17.3	1860.0	45.7	8.210	5.50
8/1/19	2.1	2110.0	41.10	--	19.2	1440.0	28.1	4.770	1.72
3/12/20	2554.0	1840.0	39.80	--	17.1	1180.0	23.4	45.700	17.10
8/5/20	1982.0	2160.0	37.20	--	20.9	1140.0	91.1	21.000	29.80
3/23/21	2111.0	2000.0	32.90	--	18.5	1130.0	135.0	16.900	36.70
9/7/21	2219.0	2040.0	30.80	--	25.4	1110.0	276.0	23.200	41.90
3/31/22	1922.0	1993.0	26.40	--	17.4	1110.0	107.0	10.900	24.19

Gude Landfill
Monitoring Location MW-6 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
7/28/10	0.0010 U	0.0031	0.2800	0.0010 U	0.0010 U	--	0.0085	0.2000	0.0110	--	0.00370	--
9/21/10	0.0050 U	0.0050 U	0.6750	0.0070	0.0082	62.60	0.0533	0.3300	0.1430	69.4000	0.05190	57.900
4/20/11	0.0050 U	0.0050 U	0.3030	0.0050 U	0.0050 U	73.90	0.0050 U	0.3220	0.0157	2.9000	0.01010	54.900
9/8/11	0.0050 U	0.0050 U	0.3190	0.0050 U	0.0066	70.30	0.0050 U	0.2160	0.0106	0.8970	0.01100	53.500
3/7/12	0.0050 U	0.0050 U	0.3650	0.0050 U	0.0062	78.70	0.0073	0.3740	0.0243	4.7600	0.01370	56.300
9/13/12	0.0050 U	0.0050 U	0.4330	0.0050 U	0.0089	72.80	0.0229	0.3430	0.0414	17.9000	0.00953	53.100
3/18/13	0.0050 U	0.0050 U	0.2590	0.0050 U	0.0050 U	76.30	0.0051	0.3880	0.0133	3.4700	0.00500 U	54.900
9/16/13	0.0050 U	0.0025	0.3000	0.0010 U	0.0010 U	76.00	0.0010 U	0.3400	0.0026	10.0000 U	0.00100 U	54.000
9/17/13	0.0050 U	0.0050 U	0.3010	0.0050 U	0.0050 U	79.80	0.0064	0.2630	0.0149	7.6500	0.00541	56.700
9/19/13	0.0050 U	0.0320	0.3900	0.0013	0.0010 U	78.00	0.0120	0.3500	0.0540	17.0000	0.02500	58.000
3/6/14	0.0050 U	0.0050 U	0.3000	0.0050 U	0.0050 U	80.10	0.0118	0.2810	0.0157	8.6500	0.00552	56.300
9/2/14	0.0050 U	0.0050 U	0.3930	0.0050 U	0.0050 U	90.20	0.0050 U	0.4660	0.0091	2.3900	0.00500 U	65.000
3/19/15	0.0020 U	0.0020 U	0.3100	0.0020 U	0.0040 U	83.00	0.5700	0.5900	0.0170	8.3000	0.00200 U	60.000
8/31/15	0.0010 U	0.0011	0.3200	0.0010 U	0.0005 U	84.00	0.5300	0.4600	0.0110	3.3000	0.00100 U	59.000
3/17/16	0.0020 U	0.0020 U	0.3320	0.0020 U	0.0023	95.90	0.0020 U	0.5540	0.0033	27.3000	0.00200 U	71.500
9/1/16	0.0020 U	0.0020 U	0.0158	0.0020 U	0.0020 U	19.50	0.0031	0.0020 U	0.0020 U	0.2000 U	0.00200 U	2.820
3/13/17	0.0020 U	0.0031	0.3170	0.0020 U	0.0020 U	96.70	0.0034	0.5700	0.0216	0.7980	0.00200 U	66.900
9/11/17	0.0020 U	0.0020 U	0.4180	0.0020 U	0.0024	109.00	0.0032	0.5970	0.0031	0.7230	0.00200 U	79.300
4/4/18	0.0020 U	0.0200 U	0.3500	0.0020 U	0.0020 U	93.10	0.0200 U	0.5680	0.0200 U	3.8500	0.00200 U	70.200
9/4/18	0.0020 U	0.0020 U	0.3400	0.0020 U	0.0020 U	98.60	0.0037	0.7860	0.0337	22.7000	0.00200 U	72.600
4/12/19	0.0010 U	0.0010 U	0.4630	0.0010 U	0.0010 U	110.00	0.0059	0.8380	0.0072	4.7500 B	0.00100 U	91.700
8/1/19	0.0010 U	0.0010 U	0.3820	0.0010 U	0.0010 U	75.60	0.0066	0.7070	0.0029	3.6300	0.00100 U	68.400
3/12/20	0.0010 U	0.0010 U	0.3580	0.0010 U	0.0010 U	76.50	0.0018	0.7340	0.0050	14.1000	0.00100 U	71.200

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-6 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
8/5/20	0.0010 U	0.0010 U	0.4150	0.0010 U	0.0010 U	82.70	0.0035	0.7600	0.0034	3.6800	0.00100 U	77.300
3/23/21	0.0010 U	0.0010 U	0.3480	0.0010 U	0.0010 U	76.00	0.0016	0.5860	0.0073	1.8600	0.00100 U	66.200
9/7/21	0.0010 U	0.0010 U	0.4290	0.0010 U	0.0010 U	80.60	0.0030	0.6380	0.0062	4.8700	0.00100 U	73.400
3/31/22	0.0010 U	0.0010 U	0.3720	0.0010 U	0.0010 U	84.60	0.0021	0.6760	0.0046	3.3400	0.00100 U	69.800

Gude Landfill
Monitoring Location MW-6 - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002			
7/28/10	--	0.000200 U	0.0330	--	0.00120	0.0010 U	--	0.0010 U	0.0050 U	0.00670	0.06800
9/21/10	38.90000	0.000200 U	0.1540	4.920	0.04290	0.0050 U	56.20	0.0050 U	--	0.05310	0.50000
4/20/11	54.00000	0.000350	0.0339	2.940	0.01130	0.0050 U	63.10	0.0050 U	--	0.00500 U	0.05160
9/8/11	37.63000	0.000200 U	--	3.710	0.00983	0.0050 U	61.20	0.0001	--	0.00500 U	0.04870
3/7/12	44.40000	0.000200 U	0.0339	3.630	0.00963	0.0050 U	70.90	0.0050 U	--	0.00540	0.06160
9/13/12	37.60000	0.000200 U	0.0342	4.190	0.01510	0.0050 U	59.60	0.0050 U	--	0.01490	0.13600
3/18/13	48.00000	0.000200 U	0.0344	3.770	0.00839	0.0050 U	65.30	0.0050 U	--	0.00500 U	0.05150
9/16/13	40.00000	0.000200 U	--	3.500	0.00058 J	0.0010 U	65.00	0.0010 U	--	0.00500 U	2.00000 U
9/17/13	40.00000	0.000200 U	0.0349	4.000	0.01330	0.0050 U	66.00	0.0050 U	--	0.00500 U	0.05610
9/19/13	37.00000	0.000140 J	--	3.800	0.00380	0.0010 U	65.00	0.0010 U	--	0.01400	0.14000
3/6/14	44.70000	0.000200 U	0.0409	3.350	0.00843	0.0050 U	64.30	0.0050 U	--	0.00508	0.06270
9/2/14	54.30000	0.000200 U	0.0532	3.970	0.00837	0.0050 U	89.80	0.0050 U	--	0.00500 U	0.04560
3/19/15	48.00000	0.000200 U	0.5700	3.500	0.35000 U	0.0100 U	76.00	0.0020 U	--	0.01000 U	0.04800
8/31/15	50.00000	0.000200 U	0.5600	3.900	0.00500 U	0.0010 U	95.00	0.0010 U	--	0.00500 U	0.04500
3/17/16	58.10000	0.000200 U	0.0511	3.290	0.00568	0.0001 U	101.00	0.0010 U	--	0.00200 U	0.02530
9/1/16	0.01310	0.000200 U	0.0020 U	1.170	0.00200 U	0.0020 U	10.40	0.0010 U	--	0.00200 U	0.00357
3/13/17	45.50000	0.000200 U	0.0684	4.080	0.00205	0.0020 U	107.00	0.0010 U	--	0.00225	0.04240
9/11/17	61.20000	0.000200 U	0.0654	4.220	0.00572	0.0020 U	123.00	0.0010 U	--	0.00200 U	0.03370
4/4/18	65.60000	0.000200 U	0.0576	5.520	0.02000 U	0.0020 U	106.00	0.0010 U	--	0.02000 U	0.02790
9/4/18	3.47000	0.000200 U	0.0776	2.350	0.00200 U	0.0020 U	105.00	0.0010 U	--	0.00200 U	0.05010
4/12/19	75.00000	0.000132	0.1000	4.890	0.01180	0.0010 U	199.00	0.0010 U	--	0.00100 U	0.05740 B
8/1/19	64.80000	0.000100 U	0.0811	4.350	0.00969	0.0010 U	171.00	0.0010 U	--	0.00100 U	0.03810 B
3/12/20	52.40000	0.000100 U	0.0808	4.330	0.00547	0.0010 U	167.00	0.0010 U	--	0.00100 U	0.03850

Gude Landfill
Monitoring Location MW-6 - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
8/5/20	56.90000	0.000100 U	0.0885	4.570	0.00692	0.0010 U	174.00	0.0010 U	--	0.00100 U	0.04500
3/23/21	41.30000	0.000100 U	0.0784	3.870	0.00532	0.0010 U	157.00	0.0010 U	--	0.00100 U	0.03910
9/7/21	42.90000	0.000100 U	0.0834	4.740	0.00603	0.0010 U	182.00	0.0010 U	--	0.00100 U	0.04290
3/31/22	42.70000	0.000100 U	0.0946	4.270	0.00530	0.0010 U	196.00	0.0010 U	--	0.00100 U	0.03550

Gude Landfill
Monitoring Location MW-6 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75
7/28/10	1.00 U	1.00 U	1.00 U	1.00 U	7.00	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00	2.00	1.00 U	1.00 U	10.00
9/21/10	2.00 U	2.00 U	2.00 U	2.00 U	6.86	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.84 J	2.37	2.00 U	6.64
4/20/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/8/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/7/12	1.00 U	1.00 U	1.00 U	1.00 U	3.30	1.00 U	--	1.00 U	1.00 U	1.00 U	0.85	1.00 U	1.00 U	--	7.00
9/13/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.24
3/18/13	1.00 U	1.00 U	1.00 U	1.00 U	2.79	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.15	1.00 U	4.53
9/17/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.99
3/6/14	1.00 U	1.00 U	1.00 U	1.00 U	2.03	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	4.99
9/2/14	1.00 U	1.00 U	1.00 U	1.00 U	1.68	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.42
3/19/15	1.00 U	1.00 U	1.00 U	1.00 U	1.24	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.27
8/31/15	1.00 U	1.00 U	1.00 U	1.00 U	1.15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.92
3/17/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 J	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.43
9/1/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.34
3/13/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.63
9/11/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.38
4/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.78
9/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.40
4/12/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.30
8/1/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.80

Gude Landfill
Monitoring Location MW-6 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
3/12/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.60
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	5.90
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	4.90
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/31/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	6.10

Gude Landfill
Monitoring Location MW-6 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
7/28/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	7.00	1.00	1.00 U
9/21/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.74 J	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	5.77	2.00 U	2.00 U
4/20/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	7.10	1.00 U	1.00 U
9/8/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.10	1.00 U	1.00 U
3/7/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.30	1.00 U	1.00 U
9/13/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	6.56	1.00 U	1.00 U
3/18/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	5.03	1.00 U	1.00 U
9/17/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	4.03	1.00 U	1.00 U
3/6/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	4.94	1.00 U	1.00 U
9/2/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	6.19	1.00 U	1.00 U
3/19/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	5.17	1.00 U	1.00 U
8/31/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	7.90	1.00 U	1.00 U
3/17/16	5.00 U	5.00 U	5.00 U	11.60	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	8.02	1.00 U	1.00 U
9/1/16	5.00 U	5.00 U	5.00 U	8.84	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.75	1.00 U	1.00 U
3/13/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	6.67	1.00 U	1.00 U
9/11/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	5.82	1.00 U	1.00 U
4/4/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	4.60	1.00 U	1.00 U
9/4/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	4.03	1.00 U	1.00 U
4/12/19	5.00 U	5.00 U	5.00 U	13.70	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	7.30	1.00 U	1.00 U
8/1/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	8.40	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-6 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
3/12/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	9.20	1.00 U	1.00 U
8/5/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	9.50	1.00 U	1.00 U
3/23/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	8.10	1.00 U	1.00 U
9/7/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.10	1.00 U	1.00 U
3/31/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	9.70	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-6 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS		70		80	700	10000				5	10000	100	5	1000	100
7/28/10	1.00 U	41.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.00
9/21/10	2.00 U	33.20	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	5.16	2.00 U	0.56 J	2.00 U	2.00 U	2.00 U	2.00 U	2.63
4/20/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/8/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	2.20
3/7/12	1.00 U	23.00	1.00 U	1.00 U	1.00 U	--	1.00 U	3.30	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.20
9/13/12	1.00 U	18.10	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/13	1.00 U	15.30	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.01
9/17/13	1.00 U	15.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/14	1.00 U	11.20	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/14	1.00 U	11.40	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/19/15	1.00 U	11.20	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/15	1.00 U	12.90	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/16	1.00 U	13.40	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/16	1.00 U	7.86	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/17	1.00 U	10.30	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/17	1.00 U	6.92	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/18	1.00 U	6.41	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/18	1.00 U	3.71	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/12/19	1.00 U	4.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/1/19	1.00 U	5.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-6 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
3/12/20	1.00 U	4.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	1.00 U	4.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/21	1.00 U	2.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	2.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/31/22	1.00 U	2.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-6 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
7/28/10	1.00 U	5.00 U	2.00	1.00 U	1.00 U	7.00	--
9/21/10	2.00 U	2.00 U	1.19 J	2.00 U	2.00 U	2.00 U	--
4/20/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/12	1.00 U	5.00 U	1.00	1.00 U	1.00 U	2.00	1.00 U
9/13/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/18/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.65	--
9/17/13	1.00 U	5.00 U	1.26	1.00 U	5.00 U	1.00 U	--
3/6/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/2/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.62	--
3/19/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.38	--
8/31/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.42	--
3/17/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.41	--
9/1/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/13/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/4/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/4/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/12/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/1/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30	--

Gude Landfill
Monitoring Location MW-6 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
3/12/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/31/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location MW-7 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/26/11	0.005 U	0.005 U	0.066	0.005 U	0.005 U	48.6	0.01 U	0.01 U	0.008	0.5 J	0.005 U	25.9	0.721	0.0002 U
9/20/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/13/12	0.005 U	0.005 U	0.060	0.005 U	0.005 U	41.3	0.01 U	0.01	0.009	0.5	0.005 U	26.0	0.647	0.0002 U
9/17/12	0.005 U	0.005 U	0.067	0.005 U	0.005 U	47.8	0.01 U	0.01	0.010	0.3	0.005 U	27.3	0.439	0.0002 U
3/28/13	0.005 U	0.005 U	0.062	0.005 U	0.005 U	47.1	0.01 U	0.01 U	0.017	0.4	0.005 U	26.5	1.280	0.0002 U
9/23/13	0.005 U	0.005 U	0.069	0.005 U	0.005 U	43.7	0.01 U	0.01 U	0.011	0.3	0.005 U	26.4	1.190	0.0002 U
3/12/14	0.005 U	0.005 U	0.067	0.005 U	0.005 U	55.5	0.01 U	0.01	0.005 U	2.5	0.005 U	29.2	1.700	0.0002 U
9/8/14	0.005 U	0.005 U	0.101	0.005 U	0.005 U	84.0	0.01 U	0.01	0.007	2.0	0.005 U	45.1	5.740	0.0002 U
3/18/15	0.002 U	0.002 U	0.057	0.002 U	0.004 U	41.0	0.01 U	0.01 U	0.007 J	0.0 U	0.002 U	23.0	0.930	0.0002 U
8/31/15	0.001 U	0.001 U	0.063	0.001 U	0.001 U	50.0	0.01 U	0.01 J	0.007	0.0 U	0.001 U	25.0	2.800	0.0002 U
3/23/16	0.002 U	0.002 U	0.091	0.002 U	0.002 U	90.1	0.00	0.01	0.003	3.1	0.002 U	46.4	1.800	0.0002 U
9/6/16	0.002 U	0.002 U	0.061	0.002 U	0.002 U	40.2	0.00	0.01	0.003	1.3	0.002 U	22.1	1.450	0.0002 U
3/6/17	0.002 U	0.002	0.092	0.002 U	0.002 U	98.4	0.01	0.01	0.012	1.8	0.002 U	50.8	1.850	0.0002 U
9/12/17	0.002 U	0.002 U	0.109	0.002 U	0.002 U	125.0	0.00	0.01	0.003	4.4	0.002 U	62.2	3.550	0.0002 U
3/27/18	0.002 U	0.002	0.105	0.002 U	0.002 U	138.0	0.02	0.01	0.003	1.4	0.002 U	67.3	3.260	0.0002 U
9/11/18	0.002 U	0.002	0.083	0.002 U	0.002 U	92.2	0.02	0.01	0.002 U	2.7	0.002 U	42.0	2.620	0.0002 U

**Gude Landfill
Monitoring Location MW-7 - Dissolved Metals**

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/26/11	0.01	3.3	0.005 U	0.01 U	31.3	0.005 U	0.01 U	0.009
9/20/11	0.01	--	--	--	--	--	--	--
3/13/12	0.01	3.1	0.005 U	0.01 U	22.8	0.005 U	0.01 U	0.012
9/17/12	0.01	3.6	0.005 U	0.01 U	24.8	0.005 U	0.01 U	0.010
3/28/13	0.01	4.1	0.005 U	0.01 U	22.8	0.005 U	0.01 U	0.011
9/23/13	0.01	2.9	0.005 U	0.01 U	23.5	0.005 U	0.01 U	0.010
3/12/14	0.01	3.6	0.005 U	0.01 U	25.8	0.005 U	0.01 U	0.009
9/8/14	0.01	4.2	0.005 U	0.01 U	49.2	0.005 U	0.01 U	0.010
3/18/15	0.01 U	2.9	0.035 U	0.01 U	29.0	0.002 U	0.01 U	0.010 U
8/31/15	0.01 U	3.5	0.005 U	0.00 U	40.0	0.001 U	0.01 U	0.007
3/23/16	0.01	3.9	0.008	0.00 U	48.0	0.001 U	0.00 U	0.003
9/6/16	0.01	2.9	0.002 U	0.00 U	33.3	0.001 U	0.00 U	0.007
3/6/17	0.01	4.1	0.004	0.00 U	49.4	0.001 U	0.00 U	0.019
9/12/17	0.01	4.4	0.003	0.00 U	52.6	0.001 U	0.00 U	0.005
3/27/18	0.01	4.7	0.005	0.00 U	51.8	0.001 U	0.00	0.005
9/11/18	0.01	4.0	0.004	0.00 U	42.9	0.001 U	0.00	0.003

Gude Landfill
Monitoring Location MW-7 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
MCL/ GWPS					0.2			10		1			
8/2/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--
9/15/10	90.0	0.20 U	12.6	131.0000	--	--	650.0	10.3500	10.40	0.05 U	--	--	--
4/26/11	42.0	0.20 U	15.0	119.0000 J	--	--	219.0	14.5900	14.60	0.05 U	--	--	--
9/20/11	69.0	0.20 U	15.1	117.0000	--	--	241.0	18.4500	18.50	0.05 U	--	--	--
3/13/12	42.0	0.20 U	14.6	70.3000	--	--	198.0	29.0900	29.10	0.05 U	--	--	--
9/17/12	31.0	0.20 U	10.0 U	108.0000	--	--	216.0	22.6500	22.70	0.05 U	--	--	--
3/28/13	68.0	0.20 U	21.2	118.0000	--	0.17	238.0	15.0122	15.10	0.09	461.0	5.79	--
9/23/13	48.0	0.20 U	10.0 U	117.0000	--	0.46	212.0	15.7500	15.80	0.05 U	375.0	5.57	--
3/12/14	139.0	0.27	23.7	123.0000	--	0.05	294.0	6.2060	--	--	234.0	5.55	--
9/8/14	259.0	0.38	35.8	166.0000	--	1.25	418.0	2.1700	2.22	0.05 U	75.0	6.27	--
3/18/15	62.0	0.20 U	10.0 U	124.0000	--	2.59	210.0	4.2000	4.25	0.05 U	387.0	5.81	--
8/31/15	128.0	0.20 U	25.2	128.0000	--	2.24	266.0	5.3800	5.39	0.05 U	318.0	5.93	--
3/23/16	254.0	0.20 U	34.4	194.0000	--	0.00	440.0	1.0400	1.09	0.05 U	154.0	5.95	--
9/6/16	105.0	0.20 U	10.0 U	85.1000	--	--	114.0	1.8400	1.85	0.05 U	249.0	5.41	--
3/6/17	290.0	0.20 U	25.0	189.0000	--	--	126.0	0.2540	0.26	0.05 U	249.0	5.95	--
9/12/17	384.0	1.32	40.8	222.0000	--	0.04	450.0	0.3170	0.33	0.05 U	95.0	6.15	--
3/27/18	395.0	0.32	37.6	235.0000	--	--	700.0	0.3670	0.38	0.05 U	31.0	6.07	--
9/11/18	260.0	0.46	27.2	167.0000	--	--	416.0	0.2000 U	0.20 U	0.05 U	-35.0	5.87	--
4/16/19	284.0	1.05	48.0	118.0000	--	0.23	284.0	0.2000 U	--	--	-80.8	5.96	6.31

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-7 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
8/5/19	344.0	1.24	51.9	188.0000	--	0.09	400.0	0.2000 U	--	--	-35.5	5.70	6.14
3/3/20	131.0	0.30	18.7	69.4000	--	0.44	199.0	2.4200	--	--	214.3	5.71	5.90
8/5/20	200.0	0.97	56.6	162.0000	--	0.57	360.0	0.2000 U	--	--	103.4	6.03	6.10
3/24/21	279.0	0.22	30.0	85.8000	--	2.97	289.0	2.9100	--	--	53.1	6.30	6.46
8/31/21	198.0	0.44	29.5	101.0000	--	0.58	252.0	0.4890	--	--	91.5	6.20	6.04
4/4/22	169.0	0.30	14.5	120.0000	--	0.87	287.0	0.4560	--	--	33.2	5.76	5.93

Gude Landfill Monitoring Location MW-7 - General Parameters

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS									
8/2/10	--	--	--	0.0 U	--	--	--	--	--
9/15/10	--	--	13.10	--	--	648.0	--	11.100	--
4/26/11	--	--	12.40 J	--	--	552.0	--	6.060	--
9/20/11	--	--	11.70	--	--	788.0	--	--	--
3/13/12	--	--	5.60	--	--	528.0	--	--	--
9/17/12	--	--	11.00	--	--	560.0	--	--	--
3/28/13	693.4	--	5.66	--	13.9	420.0	--	--	0.80
9/23/13	580.1	--	7.76	--	17.0	524.0	--	--	3.70
3/12/14	667.6	--	10.50	--	16.7	442.0	--	--	6.09
9/8/14	1005.0	--	21.00	--	16.6	650.0	--	--	10.10
3/18/15	174.4	--	21.40	--	11.9	398.0	--	--	0.00
8/31/15	640.3	--	26.80	--	27.5	392.0	--	--	0.00
3/23/16	979.3	--	21.20	--	17.0	600.0	--	--	0.00
9/6/16	540.4	--	34.90	--	23.2	358.0	--	--	0.00
3/6/17	920.7	--	23.80	--	15.4	578.0	--	--	1.60
9/12/17	1417.0	--	19.20	--	18.2	779.0	--	--	8.70
3/27/18	1293.0	--	22.10	--	14.6	779.0	--	--	8.20
9/11/18	1025.0	--	27.30	--	18.5	582.0	--	--	7.70
4/16/19	1109.0	863.0	21.80	--	19.7	572.0	5.7	18.100	9.80

Gude Landfill

Printed 5/25/22

Monitoring Location MW-7 - General Parameters

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
8/5/19	1.2	1210.0	34.10	--	17.7	800.0	6.2	10.100	0.10
3/3/20	641.0	610.0	66.00	--	18.9	362.0	2.4	1.420	1.90
8/5/20	933.0	1120.0	54.30	--	20.6	646.0	20.4	10.900	43.80
3/24/21	847.0	884.0	46.40	--	18.2	519.0	64.2	8.370	30.70
8/31/21	771.0	760.0	90.30	--	21.1	309.0	6.6	3.130	7.40
4/4/22	843.0	834.2	60.20	--	18.6	492.0	13.1	2.820	8.08

Gude Landfill
Monitoring Location MW-7 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
8/2/10	0.0010 U	0.0012	0.0800	0.0010 U	0.0010 U	--	0.0018	0.0160	0.0180	--	0.00100 U	--
9/15/10	0.0050 U	0.0050 U	0.0666	0.0050 U	0.0050 U	46.70	0.0050 U	0.0066	0.0160	0.6900	0.00500 U	23.200
4/26/11	0.0050 U	0.0050 U	0.0674	0.0050 U	0.0050 U	46.50 J	0.0050 U	0.0050 U	0.0100	0.5170	0.00500 U	28.100 J
9/20/11	0.0050 U	0.0050 U	0.0636	0.0100 U	0.0050 U	55.20	0.0050 U	0.0050 U	0.0084	0.5000 U	0.00500 U	31.500
3/13/12	0.0050 U	0.0050 U	0.0580	0.0050 U	0.0050 U	41.70	0.0050 U	0.0065	0.0115	0.4780	0.00500 U	25.700
9/17/12	0.0050 U	0.0050 U	0.0631	0.0050 U	0.0050 U	44.50	0.0050 U	0.0073	0.0130	0.4130	0.00500 U	24.700
3/28/13	0.0050 U	0.0050 U	0.0635	0.0050 U	0.0050 U	48.90	0.0050 U	0.0050 U	0.0172	0.3910	0.00500 U	27.600
9/23/13	0.0050 U	0.0050 U	0.0732	0.0050 U	0.0050 U	45.40	0.0050 U	0.0050 U	0.0110	0.2900	0.00500 U	27.700
3/12/14	0.0050 U	0.0050 U	0.0659	0.0050 U	0.0050 U	55.60	0.0050 U	0.0100	0.0111	3.3100	0.00500 U	28.700
9/8/14	0.0050 U	0.0050 U	0.1020	0.0050 U	0.0050 U	81.60	0.0050 U	0.0103	0.0148	2.2300	0.00500 U	44.100
3/18/15	0.0020 U	0.0020 U	0.0580	0.0020 U	0.0040 U	40.00	0.0100 U	0.0100 U	0.0068 J	0.0050 U	0.00200 U	23.000
8/31/15	0.0010 U	0.0010 U	0.0690	0.0010 U	0.0005 U	57.00	0.0050 U	0.0094	0.0096	0.1300	0.00100 U	29.000
3/23/16	0.0050 U	0.0050 U	0.1030	0.0050 U	0.0050 U	98.00	0.0050 U	0.0136	0.0121	3.8300	0.00500 U	53.400
9/6/16	0.0020 U	0.0020 U	0.0599	0.0020 U	0.0020 U	40.20	0.0020 U	0.0121	0.0051	1.6000	0.00200 U	21.900
3/6/17	0.0020 U	0.0025	0.0921	0.0020 U	0.0020 U	98.10	0.0068	0.0159	0.0129	2.3600	0.00200 U	50.600
9/12/17	0.0050 U	0.0050 U	0.1100	0.0050 U	0.0050 U	127.00	0.0050 U	0.0132	0.0100	6.3100	0.00500 U	64.700
3/27/18	0.0050 U	0.0050 U	0.1110	0.0050 U	0.0050 U	148.00	0.0050 U	0.0114	0.0071	1.9800	0.00500 U	70.800
9/11/18	0.0050 U	0.0050 U	0.0918	0.0050 U	0.0050 U	93.20	0.0050 U	0.0153	0.0095	4.1000	0.00500 U	44.500
4/16/19	0.0010 U	0.0010 U	0.2250	0.0010 U	0.0010 U	52.00	0.0035	0.0443	0.0082	19.5000	0.00100 U	37.400
8/5/19	0.0010 U	0.0010 U	0.1460	0.0010 U	0.0010 U	73.60	0.0012	0.0764	0.0264	4.3100	0.00100 U	52.400
3/3/20	0.0010 U	0.0010 U	0.0669	0.0010 U	0.0010 U	38.20	0.0047	0.0235	0.0038	0.1810	0.00100 U	25.200
8/5/20	0.0010 U	0.0010 U	0.1060	0.0010 U	0.0010 U	69.00	0.0037	0.0886	0.0219	1.7500	0.00100 U	45.500
3/24/21	0.0010 U	0.0010 U	0.0842	0.0010 U	0.0010 U	56.40	0.0052	0.0080	0.0264	0.7450	0.00100 U	36.000

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-7 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
8/31/21	0.0010 U	0.0010 U	0.0824	0.0010 U	0.0010 U	50.10	0.0030	0.0112	0.0059	0.9990	0.00100 U	30.900
4/4/22	0.0010 U	0.0010 U	0.0892	0.0010 U	0.0010 U	61.50	0.0029	0.0169	0.0040	2.7400	0.00100 U	32.300

Gude Landfill

Printed 5/25/22

Monitoring Location MW-7 - Total Metals

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002			
8/2/10	--	0.000200 U	0.0099	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U	0.01300
9/15/10	2.01000	0.000200 U	0.0157	3.160	0.00500 U	0.0050 U	33.40	0.0050 U	--	0.00500 U	0.02460
4/26/11	0.76100	0.000200 U	0.0064	3.810	0.00500 U	0.0050 U	32.60 J	0.0050 U	--	0.00500 U	0.01190
9/20/11	0.56200	0.000200 U	--	3.360	0.00500 U	0.0050 U	31.70	0.0050 U	--	0.00500 U	0.01060
3/13/12	0.68100	0.000200 U	0.0059	3.090	0.00500 U	0.0050 U	22.70	0.0050 U	--	0.00500 U	0.01480
9/17/12	0.34000	0.000200 U	0.0077	3.800	0.00500 U	0.0050 U	23.10	0.0050 U	--	0.00500 U	0.01400
3/28/13	1.30000	0.000200 U	0.0069	4.230	0.00500 U	0.0050 U	24.10	0.0050 U	--	0.00500 U	0.00977
9/23/13	1.22000	0.000200 U	0.0068	2.820	0.00500 U	0.0050 U	24.70	0.0050 U	--	0.00500 U	0.00991
3/12/14	1.88000	0.000200 U	0.0077	3.810	0.00500 U	0.0050 U	25.70	0.0050 U	--	0.00500 U	0.00955
9/8/14	5.81000	0.000200 U	0.0089	4.170	0.00500 U	0.0050 U	48.20	0.0050 U	--	0.00500 U	0.01180
3/18/15	0.95000	0.000200 U	0.0110 U	2.800	0.03500 U	0.0100 U	28.00	0.0020 U	--	0.01000 U	0.01000 U
8/31/15	2.20000	0.000200 U	0.0100 U	3.800	0.00500 U	0.0010 U	43.00	0.0010 U	--	0.00500 U	0.01100
3/23/16	1.83000	0.000200 U	0.0086	5.690	0.00500 U	0.0050 U	56.10	0.0050 U	--	0.00500 U	0.00708
9/6/16	1.49000	0.000200 U	0.0052	2.940	0.00200 U	0.0020 U	33.10	0.0010 U	--	0.00200 U	0.00711
3/6/17	1.92000	0.000200 U	0.0099	4.080	0.00407	0.0020 U	49.40	0.0010 U	--	0.00200 U	0.01470
9/12/17	3.40000	0.000200 U	0.0072	4.620	0.00500 U	0.0050 U	55.10	0.0050 U	--	0.00500 U	0.02460
3/27/18	3.18000	0.000200 U	0.0102	5.220	0.00500 U	0.0050 U	55.90	0.0050 U	--	0.00500 U	0.03080
9/11/18	2.71000	0.000200 U	0.0115	4.110	0.00500 U	0.0050 U	43.10	0.0050 U	--	0.00500 U	0.04090
4/16/19	20.10000 J	0.000100 U	0.0082	3.990	0.00100 U	0.0010 U	56.00 B	0.0010 U	--	0.00125	0.00564
8/5/19	19.60000	0.000100 U	0.0111	4.330	0.00100 U	0.0010 U	67.00	0.0010 U	--	0.00100 U	0.00793 B
3/3/20	2.28000	0.000100 U	0.0096	3.220	0.00100 U	0.0010 U	45.00	0.0010 U	--	0.00100 U	0.00650
8/5/20	6.51000	0.000100 U	0.0171	4.580	0.00100 U	0.0010 U	65.30	0.0010 U	--	0.00330	0.01520
3/24/21	0.08500	0.000100 U	0.0067	3.890	0.00100 U	0.0010 U	59.10	0.0010 U	--	0.00239	0.00948 B

Gude Landfill
Monitoring Location MW-7 - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
8/31/21	2.35000	0.000100 U	0.0068	3.710	0.00100 U	0.0010 U	52.50	0.0010 U	--	0.00168	0.00577
4/4/22	1.02000	0.000100 U	0.0076	3.810	0.00100 U	0.0010 U	53.00	0.0010 U	--	0.00100 U	0.00563

Gude Landfill

Printed 5/25/22

Monitoring Location MW-7 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75
8/2/10	1.00 U	1.00 U	1.00 U	1.00 U	2.00	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00	1.00 U	1.00 U	9.00
9/15/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/26/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/20/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/13/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/17/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.69
9/23/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	7.54
9/8/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.60
3/18/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.22
8/31/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.39
3/23/16	1.00 U	1.00 U	1.00 U	1.00 U	1.37	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	18.20
9/6/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.94
3/6/17	1.00 U	1.00 U	1.00 U	1.00 U	1.27	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	14.50
9/12/17	1.00 U	1.00 U	1.00 U	1.00 U	1.74	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	20.00
3/27/18	1.00 U	1.00 U	1.00 U	1.00 U	1.56	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	18.40
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	8.50
4/16/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	9.40
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	12.30

Gude Landfill
Monitoring Location MW-7 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
3/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.90
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	7.60
3/24/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.70
4/4/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00

Gude Landfill
Monitoring Location MW-7 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
8/2/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	2.00	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	3.00	1.00 U	1.00 U
9/15/10	0.73 J	2.00 U	2.00 U	4.74	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/26/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/17/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.10	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.35	1.00 U	1.00 U
3/18/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	5.00 U	5.00 U	5.00 U	28.40	5.00 U	1.29	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	4.31	1.00 U	1.00 U
9/6/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	4.06	1.00 U	1.00 U
9/12/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.05	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	5.49	1.00 U	1.00 U
3/27/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.07	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	6.24	1.00 U	1.00 U
9/11/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.11	1.00 U	1.00 U
4/16/19	5.00 U	5.00 U	5.00 U	39.00	5.00 U	1.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.60	1.00 U	1.00 U
8/5/19	5.00 U	5.00 U	5.00 U	12.70	5.00 U	1.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.20	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-7 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
3/3/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.20	1.00 U	1.00 U
3/24/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-7 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)
MCL/ GWPS		70		80	700	10000				5	10000	100	5	1000
8/2/10	1.00 U	31.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00	1.00 U
9/15/10	0.58 J	2.00 U	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.54 J	2.00 U
4/26/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U
9/20/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.70	--	1.00 U	3.00	1.00 U
3/13/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	3.20	1.00 U
9/17/12	1.00 U	5.12	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.56	1.00 U
3/28/13	1.00 U	3.38	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.26	1.00 U
9/23/13	1.00 U	3.45	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.39	1.00 U
3/12/14	1.00 U	6.65	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.64	1.00 U
9/8/14	1.00 U	5.18	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.97	1.00 U
3/18/15	1.00 U	2.05	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.79	1.00 U
8/31/15	1.00 U	1.54	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.22	1.00 U
3/23/16	1.00 U	8.40	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.79	1.00 U	1.00 U	2.34	1.00 U
9/6/16	1.00 U	7.77	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.02	1.00 U
3/6/17	1.00 U	8.46	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	2.36	1.00 U	1.00 U	2.02	1.00 U
9/12/17	1.00 U	9.23	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	2.98	1.00 U	1.00 U	2.54	42.40
3/27/18	1.00 U	9.76	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	2.84	1.00 U	1.00 U	2.07	1.00 U
9/11/18	1.00 U	7.71	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/16/19	1.00 U	8.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/19	1.00 U	6.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-7 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)
3/3/20	1.00 U	4.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	1.00 U	2.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	1.00 U	2.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/22	1.00 U	3.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-7 - Volatile Organic Compounds

	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS	100			5			2	10000
8/2/10	1.00 U	1.00 U	5.00 U	2.00	1.00 U	1.00 U	5.00	--
9/15/10	2.00 U	2.00 U	2.00 U	0.52 J	2.00 U	2.00 U	2.00 U	--
4/26/11	1.00 U	1.00 U	5.00 U	11.00	1.00 U	1.00 U	1.00 U	1.00 U
9/20/11	1.00 U	1.00 U	5.00 U	3.00	1.00 U	1.00 U	1.00 U	1.00 U
3/13/12	1.00 U	1.00 U	5.00 U	1.30	1.00 U	1.00 U	1.00 U	1.00 U
9/17/12	1.00 U	1.00 U	5.00 U	3.58	1.00 U	5.00 U	1.00 U	--
3/28/13	1.00 U	1.00 U	5.00 U	2.21	1.00 U	5.00 U	1.00 U	--
9/23/13	1.00 U	1.00 U	5.00 U	2.62	1.00 U	5.00 U	1.00 U	--
3/12/14	1.00 U	1.00 U	5.00 U	2.37	1.00 U	5.00 U	1.00 U	--
9/8/14	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.09	--
3/18/15	1.00 U	1.00 U	5.00 U	1.37	1.00 U	5.00 U	1.00 U	--
8/31/15	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/23/16	1.00 U	1.00 U	5.00 U	2.17	1.00 U	5.00 U	1.25	--
9/6/16	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/6/17	1.00 U	1.00 U	5.00 U	2.10	1.00 U	5.00 U	1.00 U	--
9/12/17	1.00 U	1.00 U	5.00 U	2.85	1.00 U	5.00 U	1.24	--
3/27/18	1.00 U	1.00 U	5.00 U	2.49	1.00 U	5.00 U	1.07	--
9/11/18	1.00 U	1.00 U	5.00 U	1.31	1.00 U	5.00 U	1.05	--
4/16/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.90	--
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.40	--

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill

Monitoring Location MW-7 - Volatile Organic Compounds

	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
3/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/24/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
4/4/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location MW-8 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/25/11	0.005 U	0.005 U	0.169	0.005 U	0.005 U	120.0	0.01 U	0.01 U	0.009	1.1	0.005 U	84.1	0.183	0.0002 U
9/19/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/12	0.005 U	0.005 U	0.124	0.005 U	0.005 U	71.7	0.01 U	0.01 U	0.005 U	0.4	0.005 U	42.8	0.005 U	0.0002 U
9/17/12	0.005 U	0.005 U	0.121	0.005 U	0.005 U	67.8	0.01 U	0.01 U	0.005 U	0.3	0.005 U	41.3	0.342	0.0002 U
3/28/13	0.005 U	0.005 U	0.118	0.005 U	0.005 U	64.7	0.01 U	0.01 U	0.013	0.5	0.005 U	31.4	0.032	0.0002 U
9/23/13	0.005 U	0.005 U	0.147	0.005 U	0.005 U	46.7	0.01 U	0.01 U	0.005	0.3	0.005 U	27.1	0.170	0.0002 U
3/12/14	0.005 U	0.005 U	0.110	0.005 U	0.005 U	86.4	0.01 U	0.01 U	0.005 U	0.5	0.005 U	47.5	0.005 U	0.0002 U
9/8/14	0.005 U	0.005 U	0.121	0.005 U	0.005 U	62.1	0.01 U	0.01 U	0.006	0.4	0.005 U	36.4	0.005 U	0.0002 U
3/18/15	0.002 U	0.002 U	0.089	0.002 U	0.004 U	88.0	0.01 J	0.01 U	0.002 J	0.0 U	0.002 U	48.0	0.005 U	0.0002 U
8/31/15	0.001 U	0.001 U	0.092	0.001 U	0.001 U	57.0	0.01 U	0.01 U	0.005 U	0.0 U	0.001 U	30.0	0.010 U	0.0002 U
3/23/16	0.002 U	0.002 U	0.084	0.002 U	0.002 U	98.5	0.00 U	0.00 U	0.002 U	0.7	0.002 U	53.4	0.004	0.0002 U
8/29/16	0.002 U	0.002 U	0.080	0.002 U	0.002 U	58.6	0.00 U	0.00 U	0.003	0.3	0.002 U	34.2	0.004	0.0002 U
3/6/17	0.002 U	0.002 U	0.078	0.002 U	0.002 U	78.6	0.00	0.00 U	0.007	0.5	0.002 U	42.7	0.105	0.0002 U
3/27/18	0.002 U	0.002 U	0.041	0.002 U	0.002 U	36.7	0.00	0.00 U	0.002 U	0.2 U	0.002 U	18.3	0.005	0.0002 U
9/11/18	0.002 U	0.002 U	0.096	0.002 U	0.002 U	93.3	0.01	0.00 U	0.002	0.1 U	0.002 U	45.9	0.006	0.0002 U

Gude Landfill

Monitoring Location MW-8 - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/25/11	0.01	20.1	0.005 U	0.01 U	130.0	0.005 U	0.01 U	0.008
9/19/11	0.01	--	--	--	--	--	--	--
3/8/12	0.01	11.6	0.005 U	0.01 U	113.0	0.005 U	0.01 U	0.005 U
9/17/12	0.08	11.5	0.005	0.01 U	114.0	0.005 U	0.01 U	0.016
3/28/13	0.01 U	13.7	0.005 U	0.01 U	88.8	0.005 U	0.01 U	0.007
9/23/13	0.02	8.2	0.005 U	0.01 U	99.5	0.005 U	0.01 U	0.031
3/12/14	0.01	13.0	0.005 U	0.01 U	81.5	0.005 U	0.01 U	0.006
9/8/14	0.01 U	11.0	0.005 U	0.01 U	88.8	0.005 U	0.01 U	0.009
3/18/15	0.01 J	11.0	0.035 U	0.01 U	72.0	0.002 U	0.01 U	0.010 U
8/31/15	0.01 U	9.8	0.005 U	0.00 U	85.0	0.001 U	0.01 U	0.005 U
3/23/16	0.00	12.0	0.003	0.00 U	86.3	0.001 U	0.00 U	0.002 U
8/29/16	0.00	9.4	0.002	0.00 U	78.5	0.001 U	0.00 U	0.003
3/6/17	0.01	10.4	0.003	0.00 U	83.8	0.001 U	0.00	0.010
3/27/18	0.00	8.4	0.003	0.00 U	63.7	0.001 U	0.00 U	0.006
9/11/18	0.00	12.8	0.003	0.00 U	70.3	0.001 U	0.00	0.002

Gude Landfill
Monitoring Location MW-8 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
MCL/ GWPS					0.2			10		1			
7/30/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--
9/14/10	190.0	0.73	10.0 U	190.0000	--	--	270.0	7.6300	7.68	0.05 U	--	--	--
4/25/11	480.0	1.94	26.3	207.0000	--	--	600.0	13.8500	13.90	0.05 U	--	--	--
9/19/11	209.0	0.20 U	6.2	210.0000	--	--	99.0	5.6500	5.66	0.05 U	--	--	--
3/8/12	166.0	0.20 U	11.5	198.0000	--	--	332.0	14.7900	14.80	0.05 U	--	--	--
9/17/12	178.0	0.20 U	10.0 U	223.0000	--	--	344.0	9.6100	9.66	0.05 U	--	--	--
3/28/13	175.0	0.20 U	10.0 U	172.0000	--	1.07	302.0	4.7500	4.80	0.05 U	306.0	6.57	--
9/23/13	89.0	0.20 U	10.0 U	197.0000	--	1.00	218.0	5.2100	5.26	0.05 U	264.0	6.39	--
3/12/14	233.0	0.20 U	16.0	142.0000	--	8.14	412.0	14.5500	--	--	290.0	6.61	--
9/8/14	187.0	0.20 U	11.8	160.0000	--	0.96	316.0	9.4300	9.44	0.05 U	262.0	6.81	--
3/18/15	266.0	0.20 U	12.5	134.0000	--	10.47	444.0	11.5900	11.60	0.05 U	312.0	7.83	--
8/31/15	144.0	0.20 U	10.2	151.0000	--	2.70	276.0	9.5300	9.54	0.05 U	315.0	6.55	--
3/23/16	289.0	0.20 U	10.0 U	133.0000	--	0.00	468.0	6.7500	6.80	0.05 U	206.0	7.14	--
8/29/16	157.0	0.20 U	13.2	102.0000	--	--	298.0	8.2200	8.23	0.05 U	284.0	6.64	--
3/6/17	216.0	0.20 U	10.0 U	135.0000	--	--	400.0	6.8400	6.85	0.05 U	253.0	6.90	--
9/18/17	128.0	0.20 U	10.0 U	128.0000	--	--	260.0	6.8200	6.87	0.05 U	322.0	7.03	--
3/27/18	45.4	0.20 U	10.0 U	125.0000	--	--	170.0	7.4700	7.48	0.05 U	148.0	7.18	--
9/11/18	346.0	0.20 U	14.6	91.7000	--	--	412.0	5.8100	5.82	0.05 U	89.0	6.75	--
4/16/19	660.0	1.99	38.0	112.0000	--	0.08	670.0	0.2000 U	--	--	39.2	6.88	7.05

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-8 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
8/2/19	612.0	1.05	18.9	126.0000	--	0.11	596.0	0.2000 U	--	--	28.5	6.45	6.96
3/10/20	423.0	0.10 U	16.9	88.7000	--	2.96	526.0	14.1000	--	--	109.5	6.87	6.99
8/5/20	257.0	0.10 U	29.8	19.9000	--	0.51	517.0	3.2500	--	--	70.9	6.96	6.91
3/22/21	170.0	0.10 U	20.2	99.0000	--	0.77	643.0	3.4200	--	--	59.9	6.92	7.03
8/31/21	653.0	0.05 U	34.6	105.0000	--	0.87	566.0	1.9900	--	--	23.4	7.00	6.99
4/5/22	205.0	0.02 U	3.0 U	93.6000	--	8.51	251.0	8.0400	--	--	75.8	7.71	7.77

Gude Landfill
Monitoring Location MW-8 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS									
7/30/10	--	--	--	3.0 U	--	--	--	--	--
9/14/10	--	--	55.00	--	--	696.0	--	1227.000	--
4/25/11	--	--	68.50	--	--	1136.0	--	22.700	--
9/19/11	--	--	72.60	--	--	1016.0	--	--	--
3/8/12	--	--	67.40	--	--	776.0	--	--	--
9/17/12	--	--	69.00	--	--	712.0	--	--	--
3/28/13	1.2	--	95.10	--	14.6	642.0	--	--	8.70
9/23/13	907.6	--	57.60	--	16.8	520.0	--	--	--
3/12/14	1121.0	--	136.00	--	14.3	740.0	--	--	35.20
9/8/14	964.7	--	92.70	--	15.6	624.0	--	--	11.60
3/18/15	951.2	--	120.00	--	8.5	656.0	--	--	7.50
8/31/15	879.0	--	69.30	--	17.3	483.0	--	--	2.87
3/23/16	1123.0	--	169.00	--	14.8	742.0	--	--	0.00
8/29/16	895.0	--	111.00	--	19.0	588.0	--	--	1.50
3/6/17	932.0	--	130.00	--	12.9	643.0	--	--	19.40
9/18/17	733.2	--	84.60	--	18.8	528.0	--	--	410.00
3/27/18	617.9	--	53.30	--	14.3	417.0	--	--	11.80
9/11/18	1111.0	--	103.00	--	16.9	684.0	--	--	0.00
4/16/19	1814.0	1480.0	60.80	--	10.8	917.0	2.7	3.180	3.10

Gude Landfill
Monitoring Location MW-8 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
8/2/19	1.4	1470.0	64.40	--	14.7	868.0	2.3 J	2.630	0.00
3/10/20	1195.0	1250.0	59.60	--	16.1	762.0	11.6	2.930	7.00
8/5/20	1183.0	1360.0	56.10	--	18.3	791.0	539.0	13.700	20.50
3/22/21	1454.0	1520.0	33.70	--	12.7	846.0	27.6	4.870	25.60
8/31/21	1432.0	1340.0	36.10	--	23.6	791.0	95.7	9.190	21.90
4/5/22	706.0	813.5	36.60	--	14.1	453.0	158.0	8.050	24.50

Gude Landfill
Monitoring Location MW-8 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
7/30/10	0.0010 U	0.0041	0.2900	0.0032	0.0010 U	--	0.0710	0.1100	0.0780	--	0.02700	--
9/14/10	0.0050 U	0.0050 U	0.2730	0.0050 U	0.0050 U	59.00	0.0215	0.0816	0.0540	15.1000	0.01000	36.900
4/25/11	0.0050 U	0.0050 U	0.1770	0.0050 U	0.0050 U	114.00 J	0.0050 U	0.0050 U	0.0145	1.6900	0.00500 U	90.900
9/19/11	0.0050 U	0.0050 U	0.1090	0.0050 U	0.0050 U	76.20	0.0050 U	0.0050 U	0.0067	0.6900	0.00500 U	50.200
3/8/12	0.0050 U	0.0050 U	0.1200	0.0050 U	0.0050 U	70.10	0.0050 U	0.0050 U	0.0081	1.1500	0.00500 U	40.500
9/17/12	0.0050 U	0.0050 U	0.4190	0.0050 U	0.0050 U	67.40	0.0654	0.0838	0.1310	46.3000	0.02700	39.600
3/28/13	0.0050 U	0.0050 U	0.1200	0.0050 U	0.0050 U	67.50	0.0050 U	0.0050 U	0.0134	0.4980	0.00500 U	33.900
9/23/13	0.0050 U	0.0050 U	0.1560	0.0050 U	0.0050 U	46.90	0.0221	0.0050 U	0.0107	1.6400	0.00500 U	27.100
3/12/14	0.0050 U	0.0050 U	0.1110	0.0050 U	0.0050 U	87.30	0.0050 U	0.0050 U	0.0069	1.2500	0.00500 U	46.000
9/8/14	0.0050 U	0.0050 U	0.1200	0.0050 U	0.0050 U	64.00	0.0050 U	0.0050 U	0.0061	0.4850	0.00500 U	37.700
3/18/15	0.0020 U	0.0020 U	0.0890	0.0020 U	0.0040 U	88.00	0.0140	0.0100 U	0.0029 J	0.0050 U	0.00200 U	48.000
8/31/15	0.0010 U	0.0010 U	0.0940	0.0010 U	0.0005 U	56.00	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.00100 U	32.000
3/23/16	0.0020 U	0.0020 U	0.0856	0.0020 U	0.0020 U	97.30	0.0020 U	0.0020 U	0.0023	0.6880	0.00200 U	52.600
8/29/16	0.0020 U	0.0020 U	0.0804	0.0020 U	0.0020 U	56.80	0.0020 U	0.0020 U	0.0026	0.3710	0.00200 U	32.800
3/6/17	0.0050 U	0.0050 U	0.0942	0.0050 U	0.0050 U	79.20	0.0050 U	0.0064	0.0179	2.1400	0.00500 U	41.800
9/18/17	0.0050 U	0.0050 U	0.1760	0.0050 U	0.0050 U	56.20	0.0290	0.0368	0.0574	22.5000	0.01070	32.200
3/27/18	0.0050 U	0.0050 U	0.0476	0.0050 U	0.0050 U	38.70	0.0050 U	0.0050 U	0.0050 U	0.2000 U	0.00500 U	18.800
9/11/18	0.0050 U	0.0050 U	0.0989	0.0050 U	0.0050 U	91.10	0.0050 U	0.0050 U	0.0050 U	0.1490	0.00500 U	44.800
4/16/19	0.0010 U	0.0010 U	0.1320	0.0010 U	0.0010 U	109.00	0.0021	0.0184	0.0054	1.0900	0.00100 U	96.700
8/2/19	0.0010 U	0.0010 U	0.1460	0.0010 U	0.0010 U	99.60	0.0010 U	0.0204	0.0034	0.4440	0.00100 U	84.200
3/10/20	0.0010 U	0.0010 U	0.1000	0.0010 U	0.0010 U	88.90	0.0036	0.0010 U	0.0012	0.1470	0.00100 U	73.800
8/5/20	0.0010 U	0.0010 U	0.1220	0.0010 U	0.0010 U	87.50	0.0026	0.0014	0.0040	0.4970	0.00100 U	72.600
3/22/21	0.0010 U	0.0010 U	0.1190	0.0010 U	0.0010 U	106.00	0.0011	0.0010 U	0.0022 B	0.1220	0.00100 U	91.700

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-8 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
8/31/21	0.0010 U	0.0010 U	0.1400	0.0010 U	0.0010 U	94.20	0.0132	0.0028	0.0061	0.7370	0.00100 U	80.300
4/5/22	0.0010 U	0.0010 U	0.0599	0.0010 U	0.0010 U	46.40	0.0044	0.0010 U	0.0027	0.3680	0.00100 U	32.900

Gude Landfill
Monitoring Location MW-8 - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002			
7/30/10	--	0.000200 U	0.1000	--	0.00070 J	0.0010 U	--	0.0010 U	0.0050 U	0.04700	0.28000
9/14/10	3.46000	0.000200 U	0.0534	10.400	0.00500 U	0.0050 U	104.00	0.0050 U	--	0.03660	0.16000
4/25/11	0.14400	0.000200 U	0.0082	19.100 J	0.00500 U	0.0050 U	139.00 J	0.0050 U	--	0.00500 U	0.01430
9/19/11	0.09020	0.000200 U	--	14.000	0.00500 U	0.0050 U	124.00	0.0050 U	--	0.00500 U	0.01090
3/8/12	0.01010	0.000200 U	0.0056	11.800	0.00500 U	0.0050 U	106.00	0.0050 U	--	0.00500 U	0.01040
9/17/12	2.36000	0.000200 U	0.0155	12.900	0.00760	0.0050 U	102.00	0.0100 U	--	0.08740	0.22000
3/28/13	0.03380	0.000200 U	0.0050 U	13.600	0.00500 U	0.0050 U	95.70	0.0050 U	--	0.00500 U	0.00708
9/23/13	0.18200	0.000200 U	0.0104	8.000	0.00500 U	0.0050 U	100.00	0.0050 U	--	0.00500 U	0.03110
3/12/14	0.01110	0.000200 U	0.0075	12.700	0.00500 U	0.0050 U	78.80	0.0050 U	--	0.00500 U	0.00846
9/8/14	0.01080	0.000200 U	0.0050 U	10.800	0.00500 U	0.0050 U	91.50	0.0050 U	--	0.00500 U	0.00925
3/18/15	0.00500 U	0.000200 U	0.0110 U	11.000	0.03500 U	0.0100 U	71.00	0.0020 U	--	0.01000 U	0.01000 U
8/31/15	0.01000 U	0.000200 U	0.0100 U	9.700	0.00500 U	0.0010 U	85.00	0.0010 U	--	0.00500 U	0.00500 U
3/23/16	0.00477	0.000200 U	0.0036	11.900	0.00227	0.0020 U	87.00	0.0010 U	--	0.00200 U	0.00200 U
8/29/16	0.02400	0.000200 U	0.0024	8.840	0.00200 U	0.0020 U	69.80	0.0010 U	--	0.00200 U	0.00324
3/6/17	0.19200	0.000200 U	0.0097	10.700	0.00500 U	0.0050 U	82.60	0.0050 U	--	0.00597	0.01800
9/18/17	1.16000	0.000200 U	0.0373	9.480	0.00500 U	0.0050 U	72.20	0.0050 U	--	0.03510	0.11200
3/27/18	0.01990	0.000200 U	0.0050 U	8.660	0.00500 U	0.0050 U	68.30	0.0050 U	--	0.00500 U	0.03260
9/11/18	0.00686	0.000200 U	0.0050 U	13.300	0.00500 U	0.0050 U	69.50	0.0050 U	--	0.00500 U	0.00500 U
4/16/19	1.34000	0.000100 U	0.0069	12.900	0.00100 U	0.0010 U	84.80 B	0.0010 U	--	0.00102	0.00611
8/2/19	1.27000	0.000100 U	0.0060	12.500	0.00100 U	0.0010 U	90.50	0.0010 U	--	0.00100 U	0.00400 U
3/10/20	0.00543	0.000100 U	0.0044	11.800	0.00100 U	0.0010 U	82.20	0.0010 U	--	0.00100 U	0.00400 U
8/5/20	0.03780	0.000100 U	0.0039	13.200	0.00100 U	0.0010 U	80.20	0.0010 U	--	0.00154	0.00400 U
3/22/21	0.01700	0.000100 U	0.0030	13.400	0.00100 U	0.0010 U	74.70	0.0010 U	--	0.00100 U	0.00400 U

Gude Landfill
Monitoring Location MW-8 - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
8/31/21	0.05990	0.000100 U	0.0124	13.200	0.00100 U	0.0010 U	79.40	0.0010 U	--	0.00252	0.00400 U
4/5/22	0.00821	0.000100 U	0.0043	8.940	0.00100 U	0.0010 U	63.80	0.0010 U	--	0.00170	0.00400 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-8 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75
7/30/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/14/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/25/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/19/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/8/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/17/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.03
3/28/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.45
9/23/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/8/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/29/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.90
9/18/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/16/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/2/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60

Gude Landfill
Monitoring Location MW-8 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
3/10/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-8 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
7/30/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	0.90 J	1.00 U	1.00 U
9/14/10	2.00 U	2.00 U	2.00 U	1.41 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	0.51 J	2.00 U	2.00 U
4/25/11	5.00 U	5.00 U	5.00 U	8.60	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	1.00 U	1.00 U	1.00 U
9/19/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/17/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/15	5.00 U	5.00 U	5.00 U	10.20	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/29/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/16/19	5.00 U	5.00 U	5.00 U	5.10	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U	1.00 U
8/2/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.50	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-8 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
3/10/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-8 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
7/30/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/14/10	1.98 J	2.00 U	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/25/11	3.70	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/19/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
3/8/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/17/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/29/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/17	1.00 U	1.88	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/16/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/2/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-8 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
3/10/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-8 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
7/30/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/14/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	--
4/25/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/19/11	1.00 U	5.00 U	2.80	1.00 U	1.00 U	1.00 U	1.00 U
3/8/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/17/12	1.00 U	5.00 U	5.37	1.00 U	5.00 U	1.00 U	--
3/28/13	1.00 U	5.00 U	1.24	1.00 U	5.00 U	1.00 U	--
9/23/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/12/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/8/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/18/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
8/31/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/23/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
8/29/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/6/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/18/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/27/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/16/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/2/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill

Monitoring Location MW-8 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
3/10/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
4/5/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location MW-9 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/21/11	0.005 U	0.005 U	0.051	0.005 U	0.005 U	12.0	0.01 U	0.01 U	0.005 U	0.5 U	0.005 U	5.2	0.289	0.0002 U
9/8/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/12	0.005 U	0.005 U	0.051	0.005 U	0.005 U	9.9	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	5.8	0.157	0.0002 U
9/12/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/1/13	0.005 U	0.005 U	0.036	0.005 U	0.005 U	40.4	0.01 U	0.01 U	0.012	0.3	0.005 U	24.0	0.140	0.0002 U
9/17/13	0.005 U	0.005 U	0.051	0.005 U	0.005 U	10.8	0.01 U	0.01 U	0.006	0.2 U	0.005 U	6.7	0.123	0.0002 U
3/13/14	0.005 U	0.005 U	0.183	0.005 U	0.005 U	11.8	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	6.3	0.115	0.0002 U
9/10/14	0.005 U	0.005 U	0.052	0.005 U	0.005 U	7.8	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	4.9	0.050	0.0002 U
3/24/15	0.002 U	0.002 U	0.046	0.002 U	0.004 U	2.3	0.01 U	0.01 U	0.010 U	0.0 U	0.002 U	2.6	0.027	0.0002 U
9/8/15	0.000 J	0.000 J	0.039	0.000 J	0.000 J	6.5	0.00 J	0.00 J	0.000 J	0.0 U	0.000 J	4.5	0.035	0.0002 U
3/23/16	0.002 U	0.002 U	0.070	0.002 U	0.002 U	5.4	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	4.2	0.030	0.0002 U
9/6/16	0.002 U	0.002 U	0.042	0.002 U	0.002 U	7.1	0.00	0.00 U	0.002 U	0.2 U	0.002 U	4.9	0.029	0.0002 U
3/13/17	0.002 U	0.002 U	0.044	0.002 U	0.002 U	9.0	0.00	0.00 U	0.007	0.2 U	0.002 U	5.1	0.028	0.0002 U
9/19/17	0.002 U	0.002 U	0.044	0.002 U	0.002 U	9.6	0.00	0.00 U	0.002 U	0.2 U	0.002 U	5.1	0.016	0.0002 U
3/29/18	0.002 U	0.002 U	0.039	0.002 U	0.002 U	9.4	0.01	0.00 U	0.002 U	0.2 U	0.002 U	5.6	0.019	0.0002 U
9/11/18	0.002 U	0.002 U	0.044	0.002 U	0.002 U	7.0	0.00	0.00 U	0.002 U	0.1 U	0.002 U	5.1	0.032	0.0002 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-9 - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/21/11	0.01	1.3	0.005 U	0.01 U	3.6	0.005 U	0.01 U	0.008
9/8/11	0.01 U	--	--	--	--	--	--	--
3/8/12	0.01	1.1	0.005 U	0.01 U	3.7	0.005 U	0.01 U	0.011
9/12/12	0.03	--	--	--	--	--	--	--
4/1/13	0.02	3.1	0.005 U	0.01 U	32.6	0.005 U	0.01 U	0.006
9/17/13	0.02	1.0	0.005 U	0.01 U	4.2	0.005 U	0.01 U	0.023
3/13/14	0.01	0.2 U	0.005 U	0.01 U	58.6	0.005 U	0.01 U	0.015
9/10/14	0.01 U	1.0	0.005 U	0.01 U	10.4	0.005 U	0.01 U	0.017
3/24/15	0.01 U	1.1	0.035 U	0.01 U	56.0	0.002 U	0.01 U	0.007 U
9/8/15	0.00 J	0.9	0.000 J	0.00 J	8.4	0.000 J	0.00 J	0.006
3/23/16	0.00	1.1	0.002 U	0.00 U	39.9	0.001 U	0.00 U	0.009
9/6/16	0.00	0.7	0.002 U	0.00 U	5.7	0.001 U	0.00 U	0.007
3/13/17	0.00 U	0.8	0.002 U	0.00 U	4.2	0.001 U	0.00 U	0.007
9/19/17	0.00 U	0.7	0.002 U	0.00 U	3.4	0.001 U	0.00 U	0.007
3/29/18	0.00	0.8	0.002 U	0.00 U	3.8	0.001 U	0.00 U	0.012
9/11/18	0.00	0.9	0.002 U	0.00 U	5.2	0.001 U	0.00 U	0.014

Gude Landfill
Monitoring Location MW-9 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS					0.2			10		1				
8/2/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/23/10	64.0	0.20 U	10.0 U	11.9000	--	--	80.0	1.2500	1.30	0.05 U	--	--	--	--
4/21/11	110.0	0.20 U	10.0 U	10.9000 J	--	--	48.0	1.2500	1.26	0.05 U	--	--	--	--
9/8/11	44.0	0.20 U	10.0 U	12.3000	--	--	140.0	1.1400	1.15	0.05 U	--	--	--	--
3/8/12	34.0	0.20 U	10.0 U	12.1000	--	--	50.0	1.4700	1.48	0.05 U	--	--	--	--
9/12/12	37.0	0.20 U	10.0 U	13.6000	--	--	84.0	1.1800	1.23	0.05 U	--	--	--	--
4/1/13	33.0	0.20 U	10.0 U	12.9000	--	2.88	46.0	1.4500	1.46	0.05 U	514.0	5.42	--	120.2
9/17/13	28.0	0.20 U	10.0 U	13.9000	--	2.98	48.0	1.4900	1.50	0.05 U	450.0	5.05	--	70.2
3/13/14	35.0	0.20 U	10.0 U	152.0000	--	3.70	68.0	1.3600	--	--	468.0	5.07	--	579.6
9/10/14	30.0	0.20 U	10.0 U	15.7000	--	4.67	46.0	1.2600	1.31	0.05 U	377.0	5.50	--	108.1
3/24/15	28.0	0.20 U	10.0 U	70.3000	--	5.03	36.0	0.8390	0.89	0.05 U	407.0	5.70	--	269.8
9/8/15	28.0	0.20 U	10.0 U	13.7000	--	--	46.0	1.2100	1.22	0.05 U	382.0	5.16	--	102.0
3/23/16	51.0	0.20 U	10.0 U	63.3000	--	0.00	124.0	1.1200	1.17	0.05 U	432.0	5.57	--	238.1
9/6/16	38.0	0.20 U	10.0 U	13.7000	--	--	72.0	1.2700	1.28	0.05 U	400.0	4.97	--	111.7
3/13/17	46.0	0.20 U	10.0 U	15.3000	--	--	72.0	0.9410	0.95	0.05 U	475.0	5.30	--	99.0
9/19/17	45.0	0.20 U	10.0 U	16.3000	--	--	62.0	1.0700	1.08	0.05 U	451.0	5.23	--	113.0
3/29/18	25.7	0.20 U	10.0 U	15.9000	--	--	100.0	1.4200	1.43	0.05 U	313.0	5.25	--	101.9
9/11/18	22.0	0.20 U	10.0 U	16.8000	--	5.14	42.3	1.4500	1.46	0.05 U	242.0	5.15	--	109.5
4/16/19	20.1	0.10 U	9.0	22.9000	--	5.36	34.7	1.4000	--	--	204.8	5.26	5.65	159.3

Gude Landfill
Monitoring Location MW-9 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
8/8/19	18.6	0.12	4.2	44.1000	--	6.07	77.1	1.7000	--	--	268.7	4.76	5.48	0.2
3/17/20	17.8	0.10 U	5.2	22.0000	--	5.71	72.0	1.3100	--	--	228.7	5.05	5.49	185.7
8/6/20	11.0	0.10 U	18.4	19.9000	--	5.46	49.5	1.2800	--	--	324.7	5.79	5.23	116.8
4/1/21	14.0	0.10 U	3.9	28.9000	--	5.82	43.7	1.6200	--	--	226.3	5.22	3.64	157.1
9/9/21	15.5	0.05 U	28.4	41.4000	--	5.54	73.1	2.2100	--	--	283.1	5.34	5.33	162.9
4/6/22	13.1	0.23	3.0 U	22.1000	--	6.18	39.9	1.5900	--	--	249.2	5.12	5.37	113.0

Gude Landfill
Monitoring Location MW-9 - General Parameters

Printed 5/25/22

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS								
8/2/10	--	--	0.0 U	--	--	--	--	--
9/23/10	--	4.00 U	--	--	168.0	--	1160.000	--
4/21/11	--	4.00 U	--	--	172.0	--	398.000	--
9/8/11	--	4.00 U	--	--	116.0	--	--	--
3/8/12	--	4.00 U	--	--	80.0	--	--	--
9/12/12	--	4.00 U	--	--	112.0	--	--	--
4/1/13	--	4.00 U	--	17.3	196.0	--	--	446.00
9/17/13	--	4.00 U	--	16.7	96.0	--	--	1235.00
3/13/14	--	4.00 U	--	15.6	370.0	--	--	644.00
9/10/14	--	4.00 U	--	19.8	72.0	--	--	500.00
3/24/15	--	4.00 U	--	7.1	188.0	--	--	154.30
9/8/15	--	4.00 U	--	22.1	34.0	--	--	18.80
3/23/16	--	4.00 U	--	23.2	147.0	--	--	40.90
9/6/16	--	4.00 U	--	35.1	91.0	--	--	16.30
3/13/17	--	4.00 U	--	12.3	124.0	--	--	19.90
9/19/17	--	4.00 U	--	23.2	94.0	--	--	269.00
3/29/18	--	4.00 U	--	15.2	55.0	--	--	3.60
9/11/18	--	4.00 U	--	20.9	81.0	--	--	17.90
4/16/19	123.0	1.00 U	--	19.8	84.0	51.3	28.200	8.30

Gude Landfill
Monitoring Location MW-9 - General Parameters

Printed 5/25/22

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
8/8/19	199.0	1.00 U	--	18.9	136.0	26.2	159.000	126.00
3/17/20	128.0	1.00 U	--	20.6	85.0	473.0	165.000	92.70
8/6/20	117.0	1.00 U	--	23.0	93.5	141.0	160.000	419.10
4/1/21	255.0	0.30 U	--	19.5	108.0	240.0	62.000	107.10
9/9/21	160.0	0.30 U	--	21.8	165.0	267.0	309.000	209.00
4/6/22	131.1	0.30 U	--	17.5	85.5	114.0	38.800	131.00

Gude Landfill
Monitoring Location MW-9 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
8/2/10	0.0010 U	0.0038	0.2000	0.0007 J	0.0010 U	--	0.1400	0.0280	0.0350	--	0.02600	--
9/23/10	0.0050 U	0.0050 U	0.3340	0.0050 U	0.0050 U	15.80	0.0588	0.0341	0.0339	48.6000	0.03730	24.400
4/21/11	0.0050 U	0.0050 U	0.1560	0.0050 U	0.0050 U	14.90	0.0320	0.0160	0.0174	16.7000 J	0.01320	13.200
9/8/11	0.0050 U	0.0050 U	0.1720	0.0050 U	0.0050 U	12.40	0.0050 U	0.0050 U	0.0050 U	0.5000 U	0.01240	6.900
3/8/12	0.0050 U	0.0050 U	0.0682	0.0050 U	0.0050 U	10.48	0.0090	0.0050 U	0.0083	3.0500	0.00500 U	7.220
9/12/12	0.0050 U	0.0050 U	1.3300	0.0050 U	0.0050 U	17.50	0.0384	0.0603	0.0369	26.2000	0.05440	15.900
4/1/13	0.0050 U	0.0050 U	0.0722	0.0050 U	0.0050 U	12.00	0.0270	0.0057	0.0196	6.4100	0.00500 U	8.440
9/17/13	0.0050 U	0.0050 U	0.1150	0.0050 U	0.0050 U	11.00	0.0263	0.0087	0.0170	14.7000	0.01090	11.800
3/13/14	0.0050 U	0.0050 U	0.3380	0.0050 U	0.0050 U	14.80	0.0363	0.0138	0.0177	22.2000	0.01370	15.700
9/10/14	0.0050 U	0.0050 U	0.6880	0.0055	0.0050 U	10.10	0.1280	0.0684	0.0508	86.7000	0.06480	38.200
3/24/15	0.0020 U	0.0020 U	0.0690	0.0020 U	0.0040 U	4.60	0.0044 J	0.0100 U	0.0043 J	3.0000	0.00180 J	4.500
9/8/15	0.0010 U	0.0010 U	0.0430	0.0010 U	0.0005 U	6.40	0.0050 U	0.0050 U	0.0050 U	0.7500	0.00100 U	4.700
3/23/16	0.0050 U	0.0050 U	0.0777	0.0050 U	0.0050 U	8.37	0.0050 U	0.0050 U	0.0050 U	0.8750	0.00500 U	6.340
9/6/16	0.0020 U	0.0020 U	0.0434	0.0020 U	0.0020 U	6.78	0.0024	0.0020 U	0.0020 U	0.2000 U	0.00200 U	4.880
3/13/17	0.0020 U	0.0020 U	0.0445	0.0020 U	0.0020 U	9.30	0.0031	0.0020 U	0.0020 U	0.2000 U	0.00200 U	5.090
9/19/17	0.0050 U	0.0050 U	0.1850	0.0050 U	0.0050 U	12.40	0.0356	0.0124	0.0348	22.8000	0.01460	14.300
3/29/18	0.0020 U	0.0020 U	0.0405	0.0020 U	0.0020 U	9.71	0.0045	0.0020 U	0.0062	0.2000 U	0.00200 U	5.610
9/11/18	0.0050 U	0.0050 U	0.0458	0.0050 U	0.0050 U	8.18	0.0050 U	0.0050 U	0.0050 U	0.1800	0.00500 U	5.310
4/16/19	0.0010 U	0.0010 U	0.0527	0.0010 U	0.0010 U	4.78	0.0131	0.0030	0.0053	4.1600	0.00307	5.520
8/8/19	0.0010 U	0.0010 U	0.1140	0.0010 U	0.0010 U	10.10	0.0360	0.0076	0.0078 B	11.3000	0.00786	12.600
3/17/20	0.0010 U	0.0012	0.1530	0.0012	0.0010 U	6.20	0.0520	0.0198	0.0174	22.6000	0.01370	13.700
8/6/20	0.0010 U	0.0010 U	0.0878	0.0010 U	0.0010 U	5.72	0.0126	0.0074	0.0073	8.5300	0.00640	8.560
4/1/21	0.0010 U	0.0010 U	0.0561	0.0010 U	0.0010 U	6.80	0.0148	0.0022	0.0048	2.1300	0.00171	6.490

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-9 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
9/9/21	0.0010 U	0.0010 U	0.1260	0.0010 U	0.0010 U	9.01	0.0389	0.0123	0.0149	14.5000	0.00998	12.300
4/6/22	0.0010 U	0.0010 U	0.0447	0.0010 U	0.0010 U	6.91	0.0054	0.0010 U	0.0021	0.2780	0.00100 U	5.510

Gude Landfill

Printed 5/25/22

Monitoring Location MW-9 - Total Metals

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002			
8/2/10	--	0.000200 U	0.1100	--	0.00100 U	0.0010 U	--	0.0007 J	0.0050 U	0.06300	0.13000
9/23/10	1.80000	0.000200 U	0.0553	17.800	0.00500 U	0.0050 U	7.23	0.0050 U	--	0.05410	0.18900
4/21/11	0.68900	0.000200 U	0.0274	7.410	0.00500 U	0.0050 U	3.75	0.0050 U	--	0.02850	0.07770
9/8/11	0.19600	0.000350	--	1.540	0.00500 U	0.0050 U	3.91	0.0050 U	--	0.00500 U	0.01660
3/8/12	0.24200	0.000200 U	0.0050 U	2.090	0.00500 U	0.0050 U	4.26	0.0050 U	--	0.00500 U	0.02420
9/12/12	3.19000	0.000447	--	9.630	0.00879	0.0050 U	3.77	0.0050 U	--	0.03060	0.15700
4/1/13	0.27300	0.000200 U	0.0095	3.450	0.00500 U	0.0050 U	7.95	0.0050 U	--	0.00762	0.03630
9/17/13	0.41500	0.000200 U	0.0058	5.400	0.00500 U	0.0050 U	4.13	0.0050 U	--	0.01670	0.08710
3/13/14	0.62600	0.000200 U	0.0318	8.610	0.00500 U	0.0050 U	87.10	0.0050 U	--	0.02580	0.08670
9/10/14	2.56000	0.000200 U	0.1090	30.300	0.00778	0.0050 U	9.44	0.0050 U	--	0.11700	0.39800
3/24/15	0.08800	0.000200 U	0.0052 J	1.800	0.03500 U	0.0100 U	50.00	0.0020 U	--	0.01000 U	0.02200
9/8/15	0.02300	0.000200 U	0.0100 U	0.990	0.00500 U	0.0010 U	7.90	0.0010 U	--	0.00500 U	0.00940
3/23/16	0.05630	0.000200 U	0.0050 U	1.600	0.00500 U	0.0050 U	41.80	0.0050 U	--	0.00500 U	0.01710
9/6/16	0.05480	0.000200 U	0.0025	0.789	0.00200 U	0.0020 U	5.76	0.0010 U	--	0.00200 U	0.00868
3/13/17	0.02750	0.000200 U	0.0020 U	0.768	0.00200 U	0.0020 U	4.14	0.0010 U	--	0.00200 U	0.00603
9/19/17	0.58800	0.000200 U	0.0259	8.290	0.00500 U	0.0050 U	3.90	0.0050 U	--	0.02960	0.11500
3/29/18	0.01750	0.000200 U	0.0022	0.805	0.00200 U	0.0020 U	3.92	0.0010 U	--	0.00200 U	0.01870
9/11/18	0.03510	0.000200 U	0.0050 U	0.998	0.00500 U	0.0050 U	6.20	0.0050 U	--	0.00500 U	0.01320
4/16/19	0.11500	0.000100 U	0.0105	1.950	0.00176	0.0010 U	13.10 B	0.0010 U	--	0.00580	0.04100
8/8/19	0.35700	0.000179	0.0275	4.200	0.00224	0.0010 U	7.61	0.0010 U	--	0.01400	0.08420
3/17/20	0.73300	0.000100 U	0.0433	8.300	0.00303	0.0010 U	5.12	0.0010 U	--	0.02720	0.20200
8/6/20	0.34600	0.000100 U	0.0118	3.120	0.00232	0.0010 U	4.63	0.0010 U	--	0.01190	0.07950
4/1/21	0.10400	0.000100 U	0.0166	1.460	0.00100 U	0.0010 U	5.56	0.0010 U	--	0.00364	0.04080 B,

Gude Landfill
Monitoring Location MW-9 - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
9/9/21	0.56400	0.000100 J	0.0333	4.770	0.00176	0.0010 U	5.21	0.0010 U	--	0.01800	0.14100
4/6/22	0.08150	0.000100 U	0.0069	0.848	0.00100 U	0.0010 U	3.94	0.0010 U	--	0.00100 U	0.01600

Gude Landfill
Monitoring Location MW-9 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75
8/2/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/21/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/8/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/8/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/17/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/19/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/16/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-9 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
3/17/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-9 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
8/2/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/21/11	5.00 U	5.00 U	5.00 U	22.00	5.00 U	1.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/17/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/19/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/16/19	5.00 U	5.00 U	5.00 U	6.70	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/8/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-9 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
3/17/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-9 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
8/2/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	14.00	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	8.72	2.00 U	2.00 U
4/21/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	5.00	3.00	1.00 U
9/8/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	16.00	1.00 U	1.00 U
3/8/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	14.00	1.00 U	1.00 U
9/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	13.60	1.00 U	1.00 U
4/1/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	16.40	1.00 U	1.00 U
9/17/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	12.90	1.00 U	1.00 U
3/13/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	16.50	1.00 U	1.00 U
9/10/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.94	1.00 U	1.00 U
3/24/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.10	1.00 U	1.00 U
9/8/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	17.10	1.00 U	1.00 U
3/23/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	9.16	1.00 U	1.00 U
9/6/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	9.71	1.00 U	1.00 U
3/13/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	12.20	1.00 U	1.00 U
9/19/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	11.90	1.00 U	1.00 U
3/29/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.20	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	7.38	1.00 U	1.00 U
4/16/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	8.40	1.00 U	1.00 U
8/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.90	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-9 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
3/17/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.60	1.00 U	1.00 U
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00	1.00 U	1.00 U
4/1/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.40	1.00 U	1.00 U
9/9/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.30	1.00 U	1.00 U
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.80	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-9 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
8/2/10	1.00 U	5.00 U	0.70 J	1.00 U	1.00 U	1.00 U	--
9/23/10	2.00 U	2.00 U	0.73 J	2.00 U	2.00 U	2.00 U	--
4/21/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30
9/8/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/1/13	1.00 U	5.00 U	1.11	1.00 U	5.00 U	1.00 U	--
9/17/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/13/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/10/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/24/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/8/15	1.00 U	5.00 U	2.03	1.00 U	5.00 U	1.00 U	--
3/23/16	1.00 U	5.00 U	1.04	1.00 U	5.00 U	1.00 U	--
9/6/16	1.00 U	5.00 U	1.17	1.00 U	5.00 U	1.00 U	--
3/13/17	1.00 U	5.00 U	1.09	1.00 U	5.00 U	1.00 U	--
9/19/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/29/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/16/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location MW-9 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
3/17/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
4/1/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/9/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location MW-10 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/26/11	0.005 U	0.005 U	0.052	0.005 U	0.005 U	42.4	0.01 U	0.01 U	0.005 U	1.1	0.005 U	22.5	2.620	0.0002 U
9/8/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/12	0.005 U	0.005 U	0.068	0.005 U	0.005 U	15.8	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	7.7	0.027	0.0002 U
9/12/12	0.005 U	0.005 U	0.080	0.005 U	0.005 U	19.8	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	9.6	0.027	0.0002 U
4/1/13	0.005 U	0.005 U	0.059	0.005 U	0.005 U	16.6	0.01 U	0.01 U	0.011	0.2 U	0.005 U	6.9	0.019	0.0002 U
9/24/13	0.005 U	0.005 U	0.084	0.005 U	0.005 U	19.6	0.01 U	0.01 U	0.007	0.2 U	0.005 U	10.3	0.027	0.0002 U
3/13/14	0.005 U	0.005 U	0.074	0.005 U	0.005 U	17.4	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	9.1	0.019	0.0002 U
9/10/14	0.005 U	0.005 U	0.521	0.005 U	0.005 U	50.0	0.01 U	0.01 U	0.006	0.3	0.005 U	23.8	0.038	0.0002 U
3/24/15	0.002 U	0.002 U	0.052	0.002 U	0.004 U	14.0	0.01 U	0.01 U	0.001 U	0.0 U	0.002 U	6.5	0.013	0.0002 U
9/8/15	0.001 U	0.001 U	0.066	0.001 U	0.001 U	17.0	0.01 U	0.01 U	0.005 U	0.0 U	0.001 U	6.9	0.016	0.0002 U
3/23/16	0.002 U	0.002 U	0.049	0.002 U	0.002 U	15.1	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	6.5	0.008	0.0002 U
9/6/16	0.002 U	0.002 U	0.075	0.002 U	0.002 U	15.7	0.00	0.00 U	0.003	0.6	0.002 U	7.0	0.031	0.0002 U
3/9/17	0.002 U	0.002 U	0.067	0.002 U	0.002 U	15.6	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	6.5	0.007	0.0002 U
9/19/17	0.002 U	0.002 U	0.063	0.002 U	0.002 U	14.8	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	5.9	0.008	0.0002 U
4/5/18	0.002 U	0.002 U	0.047	0.002 U	0.002 U	12.8	0.00	0.00 U	0.002 U	0.1 U	0.002 U	5.5	0.004	0.0002 U
9/12/18	0.002 U	0.002 U	0.021	0.002 U	0.002 U	7.3	0.00 U	0.00 U	0.002	0.1	0.002 U	4.4	0.012	0.0002 U

Gude Landfill

Monitoring Location MW-10 - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/26/11	0.01	2.8	0.005 U	0.01 U	17.5	0.005 U	0.01 U	0.006
9/8/11	0.01	--	--	--	--	--	--	--
3/8/12	0.01	1.1	0.005 U	0.01 U	9.7	0.005 U	0.01 U	0.011
9/12/12	0.02	1.4	0.005 U	0.01 U	11.3	0.005 U	0.01 U	0.012
4/1/13	0.01	1.1	0.005 U	0.01 U	11.8	0.005 U	0.01 U	0.011
9/24/13	0.06	1.7	0.005 U	0.01 U	12.0	0.005 U	0.01 U	0.016
3/13/14	0.01 U	1.1	0.005 U	0.01 U	11.1	0.005 U	0.01 U	0.056
9/10/14	0.01	3.3	0.005 U	0.01 U	91.2	0.005 U	0.01 U	0.019
3/24/15	0.01 U	1.0	0.035 U	0.01 U	8.7	0.002 U	0.01 U	0.028
9/8/15	0.00 J	1.1	0.005 U	0.00 U	9.2	0.001 U	0.01 U	0.004 J
3/23/16	0.00	1.0	0.002 U	0.00 U	8.8	0.001 U	0.00 U	0.012
9/6/16	0.00	1.1	0.002 U	0.00 U	8.6	0.001 U	0.00	0.011
3/9/17	0.00	0.9	0.002 U	0.00 U	8.1	0.001 U	0.00	0.005
9/19/17	0.00	1.0	0.002 U	0.00 U	7.8	0.001 U	0.00 U	0.007
4/5/18	0.00	0.9	0.002 U	0.00 U	8.1	0.001 U	0.00 U	0.011
9/12/18	0.00 U	1.0	0.002 U	0.00 U	7.5	0.001 U	0.00 U	0.024

Gude Landfill
Monitoring Location MW-10 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS					0.2			10		1				
8/2/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/23/10	100.0	0.20 U	10.0 U	6.7500	--	--	110.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
4/26/11	75.0	0.20 U	36.6	19.4000 J	--	--	70.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/8/11	78.0	0.20 U	10.0 U	8.0200	--	--	72.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/8/12	65.0	0.20 U	4.4	8.3100	--	--	68.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/12/12	79.0	0.20 U	10.0 U	9.6000	--	--	82.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
4/1/13	59.0	0.20 U	10.0 U	6.7600	--	3.24	60.0	0.2000 U	0.20 U	0.05 U	466.0	5.95	--	164.9
9/24/13	86.0	0.20 U	10.0 U	7.9500	--	1.62	90.0	0.2000 U	0.20 U	0.05 U	436.0	5.90	--	183.0
3/13/14	68.0	0.20 U	10.0 U	6.9700	--	3.03	82.0	0.2000 U	--	--	531.0	5.62	--	148.4
9/10/14	4.6	0.20 U	10.0 U	283.0000	--	6.39	236.0	3.9100	3.96	0.05 U	415.0	5.16	--	983.8
3/24/15	61.0	0.20 U	10.0 U	6.2200	--	3.76	76.0	0.2000 U	0.20 U	0.05 U	407.0	5.95	--	132.3
9/8/15	62.0	0.20 U	10.0 U	8.6800	--	3.28	70.0	0.2000 U	0.20 U	0.05 U	347.0	5.73	--	163.1
3/23/16	50.0	0.20 U	10.0 U	6.2600	--	0.00	104.0	0.2000 U	0.20 U	0.05 U	381.0	6.08	--	135.1
9/6/16	66.0	0.20 U	10.0 U	8.1100	--	--	100.0	0.2000 U	0.20 U	0.05 U	388.0	5.70	--	157.0
3/9/17	64.0	0.20 U	10.0 U	6.9900	--	--	76.0	0.2000 U	0.20 U	0.05 U	395.0	5.77	--	153.3
9/19/17	80.0	0.20 U	10.0 U	6.1500	--	--	72.0	0.2000 U	0.20 U	0.05 U	411.0	6.08	--	162.0
4/5/18	58.1	0.20 U	10.0 U	4.6400	--	--	63.9	0.2000 U	0.20 U	0.05 U	249.0	5.82	--	130.5
9/12/18	35.8	0.20 U	10.0 U	2.5000 U	--	--	33.4	0.2000 U	0.20 U	0.05 U	243.0	5.59	--	93.7
4/19/19	60.6	0.10 U	5.0	2.8000	--	0.46	53.9	0.2000 U	--	--	138.5	5.87	6.07	108.8

Gude Landfill
Monitoring Location MW-10 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
8/9/19	31.7	0.10 U	7.0	2.2000	--	1.31	20.4	0.2000 U	--	--	207.0	5.64	6.11	0.1
3/16/20	34.5	0.17	3.0 U	2.0000	--	3.65	51.5	0.1600 J	--	--	175.9	5.66	6.15	122.2
8/6/20	13.2	0.10 U	26.2	1.0000	--	1.83	19.0	0.2000 U	--	--	506.1	6.17	6.06	63.3
3/30/21	36.0	0.10 U	9.6	0.5320	--	4.81	33.9	0.1040	--	--	215.0	5.79	6.04	82.6
9/8/21	48.9	0.05 U	51.8	2.6000	--	1.65	47.7	0.1230	--	--	153.2	5.77	5.92	123.1
4/6/22	42.0	0.11	17.5	0.5490	--	8.49	35.9	0.0550	--	--	174.5	5.88	6.11	76.9

Gude Landfill
Monitoring Location MW-10 - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS								
8/2/10	--	--	0.0 U	--	--	--	--	--
9/23/10	--	7.56	--	--	148.0	--	4340.000	--
4/26/11	--	8.30	--	--	140.0	--	3140.000	--
9/8/11	--	7.83	--	--	140.0	--	--	--
3/8/12	--	8.02	--	--	116.0	--	--	--
9/12/12	--	7.40	--	--	160.0	--	--	--
4/1/13	--	8.41	--	14.3	162.0	--	--	203.00
9/24/13	--	6.47	--	13.8	142.0	--	--	1583.00
3/13/14	--	8.64	--	11.3	144.0	--	--	114.00
9/10/14	--	18.80	--	18.3	680.0	--	--	401.00
3/24/15	--	11.30	--	9.6	68.0	--	--	115.50
9/8/15	--	11.60	--	17.1	73.0	--	--	37.80
3/23/16	--	11.20	--	20.9	96.0	--	--	16.00
9/6/16	--	11.40	--	25.0	133.0	--	--	38.00
3/9/17	--	10.10	--	16.8	138.0	--	--	36.70
9/19/17	--	11.10	--	18.6	117.0	--	--	26.70
4/5/18	--	10.00	--	9.7	133.0	--	--	35.60
9/12/18	--	8.16	--	20.7	58.0	--	--	65.10
4/19/19	147.0	1.00 U	--	13.3	114.0	11.2	12.900	5.80

Gude Landfill
Monitoring Location MW-10 - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
8/9/19	79.8	5.20	--	17.0	70.0	31.7	14.100	8.66
3/16/20	97.3	9.68	--	15.0	99.0	174.0	79.500	76.20
8/6/20	52.5	2.03	--	18.1	59.5	117.0	31.100	95.20
3/30/21	88.8	11.80	--	14.5	71.5	177.0	84.500	149.30
9/8/21	125.0	10.70	--	20.1	64.3	188.0	77.400	215.00
4/6/22	91.7	5.50	--	13.7	71.3	322.0	134.000	323.00

Gude Landfill
Monitoring Location MW-10 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
8/2/10	0.0010 U	0.0009 J	0.0920	0.0010 U	0.0010 U	--	0.0070	0.0034	0.0190	--	0.00230	--
9/23/10	0.0050 U	0.0050 U	1.4900	0.0050 U	0.0050 U	29.10	0.1250	0.0659	0.1970	201.0000	0.06110	78.300
4/26/11	0.0050 U	0.0050 U	0.1240	0.0050 U	0.0050 U	14.20 J	0.0050 U	0.0050 U	0.0123	0.5000 U	0.00500 U	9.111
9/8/11	0.0050 U	0.0050 U	0.4140	0.0050 U	0.0050 U	21.20	0.0057	0.0103	0.0292	5.7000	0.01530	10.700
3/8/12	0.0050 U	0.0050 U	0.1160	0.0050 U	0.0050 U	16.10	0.0102	0.0052	0.0270	9.0000	0.00500 U	9.780
9/12/12	0.0050 U	0.0050 U	0.1570	0.0050 U	0.0050 U	21.10	0.0174	0.0067	0.0283	12.6000	0.00502	11.200
4/1/13	0.0050 U	0.0050 U	0.0878	0.0050 U	0.0050 U	17.20	0.0081	0.0050 U	0.0254	5.5000	0.00500 U	8.420
9/24/13	0.0050 U	0.0050 U	0.4480	0.0050 U	0.0050 U	23.30	0.0677	0.0308	0.1080	55.7000	0.01810	26.400
3/13/14	0.0050 U	0.0050 U	0.1040	0.0050 U	0.0050 U	18.30	0.0050 U	0.0050 U	0.0139	4.3100	0.00500 U	9.060
9/10/14	0.0050 U	0.0050 U	0.6820	0.0050 U	0.0050 U	50.60	0.0251	0.0139	0.0313	22.1000	0.01850	30.600
3/24/15	0.0020 U	0.0020 U	0.0640	0.0020 U	0.0040 U	15.00	0.0036 J	0.0100 U	0.0051 J	2.0000	0.00200 U	7.100
9/8/15	0.0010 U	0.0010 U	0.0710	0.0010 U	0.0005 U	16.00	0.0050 U	0.0050 U	0.0050 U	1.2000	0.00100 U	6.900
3/23/16	0.0050 U	0.0050 U	0.0526	0.0050 U	0.0050 U	14.90	0.0050 U	0.0050 U	0.0050 U	0.3290	0.00500 U	7.400
9/6/16	0.0020 U	0.0020 U	0.0688	0.0020 U	0.0020 U	15.90	0.0020 U	0.0020 U	0.0020 U	0.4230	0.00200 U	6.840
3/9/17	0.0050 U	0.0050 U	0.0784	0.0050 U	0.0050 U	18.30	0.0050 U	0.0050 U	0.0050 U	1.0900	0.00500 U	7.800
9/19/17	0.0050 U	0.0050 U	0.0822	0.0050 U	0.0050 U	17.60	0.0050 U	0.0050 U	0.0096	1.2400	0.00500 U	7.300
4/5/18	0.0050 U	0.0050 U	0.0652	0.0050 U	0.0050 U	15.00	0.0050 U	0.0050 U	0.0070	0.6450	0.00500 U	6.420
9/12/18	0.0050 U	0.0050 U	0.0328	0.0050 U	0.0050 U	7.43	0.0050 U	0.0050 U	0.0159	1.9300	0.00500 U	3.610
4/19/19	0.0010 U	0.0010 U	0.0373	0.0010 U	0.0010 U	12.20	0.0011	0.0021	0.0034	0.9170	0.00100 U	5.670
8/9/19	0.0010 U	0.0010 U	0.0210	0.0010 U	0.0010 U	4.36	0.0021	0.0010 U	0.0076	0.5490	0.00100 U	2.310
3/16/20	0.0010 U	0.0010 U	0.0988	0.0010 U	0.0010 U	8.12	0.0242	0.0062	0.0278	11.2000	0.00529	7.570
8/6/20	0.0010 U	0.0010 U	0.0269	0.0010 U	0.0010 U	3.78	0.0046	0.0011	0.0091	1.7100	0.00100 U	2.320
3/30/21	0.0010 U	0.0010 U	0.0419	0.0010 U	0.0010 U	6.26	0.0045	0.0019	0.0203	3.4600	0.00255	4.430

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-10 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
9/8/21	0.0010 U	0.0010 U	0.0716	0.0010 U	0.0010 U	9.64	0.0077	0.0023	0.0118	4.2700	0.00186	5.730
4/6/22	0.0010 U	0.0010 U	0.0541	0.0010 U	0.0010 U	7.12	0.0022	0.0014	0.0113	1.2100	0.00192	4.410

Gude Landfill
Monitoring Location MW-10 - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002			
8/2/10	--	0.000200 U	0.0086	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.01800	0.02800
9/23/10	3.59000	0.000200 U	0.1110	43.500	0.00850	0.0050 U	12.40	0.0050 U	--	0.18900	0.33700
4/26/11	0.04400	0.000200 U	0.0050 U	1.260	0.00500 U	0.0050 U	10.10	0.0050 U	--	0.00500 U	0.13200
9/8/11	0.38000	0.000200 U	--	2.120	0.00500 U	0.0050 U	8.30	0.0050 U	--	0.00943	0.05750
3/8/12	0.15800	0.000200 U	0.0050 U	2.780	0.00500 U	0.0050 U	8.54	0.0050 U	--	0.02420	0.03350
9/12/12	0.21200	0.000200 U	0.0064	3.270	0.00500 U	0.0050 U	9.10	0.0050 U	--	0.03190	0.04440
4/1/13	0.09830	0.000200 U	0.0050	2.290	0.00500 U	0.0050 U	12.40	0.0050 U	--	0.01430	0.02720
9/24/13	0.93100	0.000200 U	0.0066	11.300	0.00500 U	0.0050 U	9.52	0.0050 U	--	0.12400	0.19000
3/13/14	0.06920	0.000200 U	0.0074	1.810	0.00500 U	0.0050 U	9.11	0.0050 U	--	0.01070	0.06060
9/10/14	0.58000	0.000200 U	0.0254	6.430	0.00500 U	0.0050 U	90.20	0.0050 U	--	0.02730	0.08980
3/24/15	0.03600	0.000200 U	0.0062 J	1.300	0.03500 U	0.0100 U	8.80	0.0020 U	--	0.00550 J	0.03500
9/8/15	0.00980 J	0.000200 U	0.0100 U	1.300	0.00500 U	0.0010 U	8.80	0.0010 U	--	0.00500 U	0.00730
3/23/16	0.01490	0.000200 U	0.0050 U	1.020	0.00500 U	0.0050 U	9.87	0.0050 U	--	0.00500 U	0.01490
9/6/16	0.02050	0.000200 U	0.0039	1.090	0.00200 U	0.0020 U	8.57	0.0010 U	--	0.00291	0.00946
3/9/17	0.02380	0.000200 U	0.0054	1.300	0.00500 U	0.0050 U	9.18	0.0050 U	--	0.00500 U	0.01070
9/19/17	0.03920	0.000200 U	0.0050 U	1.190	0.00500 U	0.0050 U	8.97	0.0050 U	--	0.00500 U	0.03310
4/5/18	0.02380	0.000200 U	0.0050 U	1.030	0.00500 U	0.0050 U	8.91	0.0050 U	--	0.00500 U	0.04210
9/12/18	0.04360	0.000200 U	0.0050 U	2.390	0.00500 U	0.0050 U	7.38	0.0050 U	--	0.00500 U	0.04510
4/19/19	0.22100	0.000100 U	0.0034	1.430	0.00100 U	0.0010 U	8.12	0.0010 U	--	0.00203	0.16500
8/9/19	0.03280	0.000100 U	0.0036 B	1.330	0.00100 U	0.0010 U	5.14	0.0010 U	--	0.00370	0.04560
3/16/20	0.18700	0.000100 U	0.0168	2.980	0.00117	0.0010 U	6.59	0.0010 U	--	0.02800	0.07830
8/6/20	0.06020	0.000100 U	0.0044	2.630	0.00100 U	0.0010 U	2.80	0.0010 U	--	0.00845	0.02450
3/30/21	0.05560	0.000100 U	0.0010 U	1.270	0.00100 U	0.0010 U	4.74	0.0010 U	--	0.00933	0.03480

Gude Landfill
Monitoring Location MW-10 - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
9/8/21	0.08650	0.000100 U	0.0066	1.830	0.00100 U	0.0010 U	7.76	0.0010 U	--	0.01280	0.02840
4/6/22	0.05850	0.000100 U	0.0037	0.929	0.00100 J	0.0010 U	4.58	0.0010 U	--	0.00563	0.02150

Gude Landfill

Printed 5/25/22

Monitoring Location MW-10 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600		5	5	75
8/2/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/26/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/8/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/8/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/24/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/19/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/19/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/9/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-10 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
3/16/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-10 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
8/2/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/26/11	5.00 U	5.00 U	5.00 U	24.00	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/24/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/19/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/19/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/9/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-10 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
3/16/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-10 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
8/2/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/26/11	5.20	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/8/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
3/8/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/24/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.99	1.00 U	1.00 U
3/24/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/19/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/19/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/9/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-10 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
3/16/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-10 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
8/2/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	--
4/26/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/1/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/24/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/13/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/10/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/24/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/8/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/23/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/6/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/9/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/19/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/5/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/12/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/19/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/9/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location MW-10 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
3/16/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/8/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location MW-11A - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/26/11	0.005 U	0.005 U	0.026	0.005 U	0.005 U	9.0	0.01 U	0.01 U	0.005 U	0.5 U	0.005 U	3.3	0.029	0.0002 U
9/8/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/12	0.005 U	0.005 U	0.026	0.005 U	0.005 U	9.8	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	3.6	0.015	0.0002 U
9/12/12	0.005 U	0.005 U	0.036	0.005 U	0.005 U	14.6	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	5.2	0.020	0.0002 U
4/1/13	0.005 U	0.005 U	0.026	0.005 U	0.005 U	11.6	0.01 U	0.01 U	0.013	0.2 U	0.005 U	4.0	0.018	0.0002 U
9/24/13	0.005 U	0.005 U	0.034	0.005 U	0.005 U	13.8	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	5.4	0.018	0.0002 U
3/13/14	0.005 U	0.005 U	0.024	0.005 U	0.005 U	8.3	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	3.6	0.010	0.0002 U
9/10/14	0.005 U	0.005 U	0.033	0.005 U	0.005 U	11.9	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	4.3	0.008	0.0002 U
3/24/15	0.002 U	0.002 U	0.016	0.002 U	0.004 U	5.9	0.01 U	0.01 U	0.010 U	0.0 U	0.002 U	2.2	0.007	0.0002 U
9/8/15	0.001 U	0.001 U	0.033	0.001 U	0.001 U	13.0	0.01 U	0.01 U	0.005 U	0.0 U	0.001 U	4.8	0.027	0.0002 U
3/23/16	0.002 U	0.002 U	0.023	0.002 U	0.002 U	7.9	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	2.8	0.008	0.0002 U
9/6/16	0.002 U	0.002 U	0.035	0.002 U	0.002 U	12.2	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	4.6	0.007	0.0002 U
3/9/17	0.002 U	0.002 U	0.035	0.002 U	0.002 U	12.0	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	4.4	0.008	0.0002 U
9/18/17	0.002 U	0.002 U	0.031	0.002 U	0.002 U	11.8	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	4.3	0.006	0.0002 U
4/5/18	0.002 U	0.002 U	0.025	0.002 U	0.002 U	9.1	0.00 U	0.00 U	0.002 U	0.1 U	0.002 U	3.3	0.019	0.0002 U
9/12/18	0.002 U	0.002 U	0.020	0.002 U	0.002 U	39.0	0.00 U	0.00 U	0.002 U	0.1	0.002 U	22.3	0.003	0.0002 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-11A - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/26/11	0.01 U	0.7	0.005 U	0.01 U	4.3	0.005 U	0.01 U	0.005
9/8/11	0.02	--	--	--	--	--	--	--
3/8/12	0.03	0.8	0.005 U	0.01 U	5.2	0.005 U	0.01 U	0.009
9/12/12	0.05	0.9	0.005 U	0.01 U	5.9	0.005 U	0.01 U	0.005
4/1/13	0.03	0.9	0.005 U	0.01 U	8.9	0.005 U	0.01 U	0.005 U
9/24/13	0.05	1.0	0.005 U	0.01 U	6.3	0.005 U	0.01 U	0.007
3/13/14	0.01 U	0.6	0.005 U	0.01 U	4.8	0.005 U	0.01 U	0.007
9/10/14	0.01 U	0.7	0.005 U	0.01 U	4.8	0.005 U	0.01 U	0.005
3/24/15	0.01 U	0.5	0.035 U	0.01 U	3.1	0.002 U	0.01 U	0.010 U
9/8/15	0.01 U	0.8	0.005 U	0.00 U	5.4	0.001 U	0.01 U	0.005 U
3/23/16	0.00 U	0.5	0.002 U	0.00 U	3.4	0.001 U	0.00 U	0.002 U
9/6/16	0.00	0.6	0.002 U	0.00 U	5.0	0.001 U	0.00 U	0.002
3/9/17	0.00	0.6	0.002 U	0.00 U	4.9	0.001 U	0.00 U	0.003
9/18/17	0.00	0.7	0.002 U	0.00 U	4.9	0.001 U	0.00 U	0.007
4/5/18	0.00	0.6	0.002 U	0.00 U	4.1	0.001 U	0.00 U	0.006
9/12/18	0.00 U	2.6	0.002 U	0.00 U	28.3	0.001 U	0.00 U	0.003

Gude Landfill
Monitoring Location MW-11A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS					0.2			10		1				
8/2/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/23/10	50.0	0.20 U	10.0 U	4.2200	--	--	90.0	1.4774	1.49	0.01 J	--	--	--	--
4/26/11	27.0	0.20 U	10.0 U	10.9000 J	--	--	36.0	1.1000	1.15	0.05 U	--	--	--	--
9/8/11	40.0	0.20 U	10.0 U	4.5200	--	--	54.0	1.9400	1.99	0.05 U	--	--	--	--
3/8/12	33.0	0.20 U	10.0 U	4.1700	--	--	52.0	1.2900	1.34	0.05 U	--	--	--	--
9/12/12	37.0	0.20 U	10.0 U	5.1000	--	--	80.0	2.2500	2.30	0.05 U	--	--	--	--
4/1/13	29.0	0.20 U	10.0 U	4.9900	--	5.55	46.0	1.8700	1.88	0.05 U	472.0	5.78	--	111.2
9/24/13	33.0	0.20 U	10.0 U	5.1400	--	4.17	60.0	2.5700	2.58	0.05 U	437.0	5.72	--	111.7
3/13/14	16.2	0.20 U	10.0 U	4.2100	--	8.06	200.0	1.0900	--	--	489.0	5.54	--	76.9
9/10/14	31.0	0.20 U	10.0 U	4.9700	--	6.29	58.0	2.3400	2.35	0.05 U	409.0	5.76	--	101.0
3/24/15	23.0	0.20 U	10.0 U	4.8700	--	7.67	44.0	1.2200	1.27	0.05 U	306.0	5.70	--	57.4
9/8/15	37.0	0.20 U	10.0 U	7.0200	--	--	54.0	3.5700	3.58	0.05 U	360.0	5.53	--	125.8
3/23/16	25.0	0.20 U	10.0 U	6.5600	--	5.86	88.0	1.9900	2.04	0.05 U	399.0	5.80	--	97.4
9/6/16	33.0	0.20 U	10.0 U	7.7100	--	3.64	84.0	3.4100	3.42	0.05 U	426.0	5.51	--	119.1
3/9/17	35.0	0.20 U	10.0 U	7.9800	--	--	70.0	3.3000	3.31	0.05 U	452.0	5.39	--	111.9
9/18/17	30.0	0.20 U	10.0 U	7.1500	--	5.37	52.0	3.2900	3.30	0.05 U	446.0	5.65	--	117.5
4/5/18	22.7	0.20 U	10.0 U	6.7100	--	--	44.4	2.2500	2.26	0.05 U	280.0	5.68	--	63.0
9/12/18	16.1	0.20 U	10.0 U	4.8500	--	--	32.2	1.5700	1.58	0.05 U	271.0	5.39	--	76.8
4/17/19	18.3	0.10 U	11.0	6.2000	--	3.63	28.7	1.2000	--	--	155.7	6.27	5.91	257.1

Gude Landfill
Monitoring Location MW-11A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
8/8/19	22.6	0.10 U	10.2	23.9000	--	6.86	42.0	5.1000	--	--	239.3	5.23	5.84	0.1
3/16/20	19.0	0.31	3.0 U	20.3000	--	6.14	63.5	1.4400	--	--	201.9	5.29	5.80	157.3
8/6/20	13.9	0.10 U	3.0 U	25.9000	--	6.29	71.6	2.5300	--	--	205.1	5.44	5.45	159.1
3/30/21	30.0	0.10 U	3.0 U	14.2000	--	5.38	43.8	1.3400	--	--	215.3	5.49	5.78	93.9
9/8/21	30.5	0.05 U	27.9	23.6000	--	5.27	70.1	2.9500	--	--	191.4	5.45	5.53	177.0
4/6/22	26.6	0.06	3.0 U	19.6000	--	4.74	51.1	1.6800	--	--	197.0	5.43	5.68	141.2

Gude Landfill

Printed 5/25/22

Monitoring Location MW-11A - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS								
8/2/10	--	--	0.0 U	--	--	--	--	--
9/23/10	--	7.07	--	--	108.0	--	4880.000	--
4/26/11	--	6.28	--	--	72.0	--	1600.000	--
9/8/11	--	5.94	--	--	96.0	--	--	--
3/8/12	--	5.83	--	--	64.0	--	--	--
9/12/12	--	5.76	--	--	108.0	--	--	--
4/1/13	--	6.22	--	14.3	176.0	--	--	766.00
9/24/13	--	5.93	--	14.2	116.0	--	--	1272.00
3/13/14	--	6.78	--	11.8	87.0	--	--	607.00
9/10/14	--	6.37	--	14.8	78.0	--	--	630.00
3/24/15	--	6.75	--	7.8	50.0	--	--	46.00
9/8/15	--	5.37	--	22.8	10.0	--	--	86.30
3/23/16	--	5.79	--	22.4	86.0	--	--	17.50
9/6/16	--	5.35	--	23.1	118.0	--	--	39.90
3/9/17	--	4.90	--	19.5	124.0	--	--	47.90
9/18/17	--	6.52	--	19.2	91.0	--	--	34.50
4/5/18	--	6.48	--	9.5	90.0	--	--	21.00
9/12/18	--	6.48	--	16.2	59.0	--	--	63.70
4/17/19	78.5	6.90	--	13.4	68.0	187.0	16.200	5.90

Gude Landfill

Printed 5/25/22

Monitoring Location MW-11A - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
8/8/19	135.0	2.40	--	17.0	111.0	14.0	24.900	32.00
3/16/20	129.0	5.50	--	16.9	114.0	229.0	169.000	78.40
8/6/20	175.0	6.30	--	17.0	133.0	347.0	196.000	22.10
3/30/21	103.0	6.00	--	15.9	77.5	904.0	102.000	216.00
9/8/21	183.0	7.40	--	21.2	151.0	157.0	94.500	71.50
4/6/22	148.6	5.70	--	16.2	121.0	213.0	78.000	118.00

Gude Landfill
Monitoring Location MW-11A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
8/2/10	0.0010 U	0.0011	0.0900	0.0010 U	0.0010 U	--	0.0210	0.0086	0.0190	--	0.00490	--
9/23/10	0.0050 U	0.0050 U	0.7490	0.0050 U	0.0050 U	23.40	0.1440	0.0695	0.0825	149.0000	0.04990	66.600
4/26/11	0.0050 U	0.0050 U	0.2740	0.0050 U	0.0050 U	14.80	0.0273	0.0181	0.0260	12.1000	0.01560	11.200
9/8/11	0.0050 U	0.0050 U	0.1480	0.0050 U	0.0050 U	15.10	0.0096	0.0103	0.0135	7.5400	0.01220	8.630
3/8/12	0.0050 U	0.0050 U	0.1380	0.0050 U	0.0050 U	11.40	0.0354	0.0140	0.0452	22.5600	0.00689	11.700
9/12/12	0.0050 U	0.0050 U	0.1830	0.0050 U	0.0050 U	15.80	0.0514	0.0213	0.0409	30.8000	0.01360	13.900
4/1/13	0.0050 U	0.0050 U	0.1110	0.0050 U	0.0050 U	12.50	0.0320	0.0119	0.0321	18.4000	0.00611	9.740
9/24/13	0.0050 U	0.0050 U	0.1850	0.0050 U	0.0050 U	17.30	0.0518	0.0212	0.0460	30.7000	0.01170	16.400
3/13/14	0.0050 U	0.0050 U	0.1580	0.0050 U	0.0050 U	10.90	0.0384	0.0155	0.0413	27.8000	0.00791	12.700
9/10/14	0.0050 U	0.0050 U	0.0830	0.0050 U	0.0050 U	12.90	0.0143	0.0055	0.0156	9.8400	0.00500 U	7.800
3/24/15	0.0020 U	0.0020 U	0.0320	0.0020 U	0.0040 U	7.70	0.0095 J	0.0100 U	0.0051 J	4.7000	0.00150 J	3.600
9/8/15	0.0010 U	0.0010 U	0.0470	0.0010 U	0.0005 U	13.00	0.0050 U	0.0050 U	0.0050 U	3.0000	0.00100 U	5.700
3/23/16	0.0050 U	0.0050 U	0.0396	0.0050 U	0.0050 U	11.00	0.0050 U	0.0050 U	0.0050 U	1.4500	0.00500 U	5.240
9/6/16	0.0020 U	0.0020 U	0.0399	0.0020 U	0.0020 U	12.50	0.0025	0.0020 U	0.0027	0.8400	0.00200 U	4.950
3/9/17	0.0050 U	0.0050 U	0.0553	0.0050 U	0.0050 U	14.90	0.0050 U	0.0050 U	0.0050 U	2.6100	0.00500 U	6.350
9/18/17	0.0050 U	0.0050 U	0.0390	0.0050 U	0.0050 U	13.20	0.0050 U	0.0050 U	0.0079	0.7350	0.00500 U	4.760
4/5/18	0.0050 U	0.0050 U	0.0366	0.0050 U	0.0050 U	11.00	0.0050 U	0.0050 U	0.0082	0.6980	0.00500 U	4.100
9/12/18	0.0050 U	0.0050 U	0.0236	0.0050 U	0.0050 U	7.89	0.0050 U	0.0050 U	0.0050 U	0.9320	0.00500 U	3.050
4/17/19	0.0010 U	0.0010 U	0.0236	0.0010 U	0.0010 U	6.29	0.0035	0.0010 U	0.0023	0.8410	0.00100 U	3.160
8/8/19	0.0010 U	0.0010 U	0.0364	0.0010 U	0.0010 U	9.06	0.0054	0.0010 U	0.0021 B	1.7500	0.00110	4.700
3/16/20	0.0010 U	0.0010 U	0.1100	0.0010 U	0.0010 U	8.40	0.0360	0.0121	0.0156	17.4000	0.00639	10.300
8/6/20	0.0010 U	0.0010 U	0.0929	0.0010 U	0.0010 U	13.30	0.0223	0.0052	0.0098	9.0000	0.00350	9.330
3/30/21	0.0010 U	0.0010 U	0.0622	0.0010 U	0.0010 U	8.71	0.0171	0.0042	0.0081	5.1200	0.00237	5.360

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-11A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
9/8/21	0.0010 U	0.0010 U	0.0738	0.0010 U	0.0010 U	14.70	0.0167	0.0035	0.0079	5.7600	0.00210	8.080
4/6/22	0.0010 U	0.0010 U	0.0468	0.0010 U	0.0010 U	11.90	0.0069	0.0025	0.0051	1.2200	0.00114	5.180

Gude Landfill
Monitoring Location MW-11A - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002			
8/2/10	--	0.000200 U	0.0210	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.02300	0.05000
9/23/10	3.47000	0.000200 U	0.1450	27.700	0.00560	0.0050 U	8.49	0.0050 U	--	0.12400	0.33400
4/26/11	0.73800	0.000200 U	0.0277	1.870	0.00500 U	0.0050 U	4.21	0.0050 U	--	0.00930	0.09380
9/8/11	0.31900	0.000200 U	--	1.300	0.00500 U	0.0050 U	5.15	0.0050 U	--	0.00545	0.04930
3/8/12	0.45100	0.000200 U	0.0050 U	4.850	0.00500 U	0.0050 U	4.66	0.0050 U	--	0.04250	0.07880
9/12/12	0.69300	0.000200 U	0.0061	4.820	0.00500 U	0.0050 U	4.57	0.0050 U	--	0.05700	0.10900
4/1/13	0.32600	0.000200 U	0.0050 U	3.640	0.00500 U	0.0050 U	8.24	0.0050 U	--	0.03280	0.06900
9/24/13	0.63300	0.000200 U	0.0050 U	6.810	0.00500 U	0.0050 U	5.31	0.0050 U	--	0.05550	0.12400
3/13/14	0.46400	0.000200 U	0.0360	5.260	0.00500 U	0.0050 U	3.89	0.0050 U	--	0.04240	0.09250
9/10/14	0.16900	0.000200 U	0.0134	2.340	0.00500 U	0.0050 U	4.70	0.0050 U	--	0.01710	0.03400
3/24/15	0.05700	0.000200 U	0.0099 J	1.100	0.03500 U	0.0100 U	3.70	0.0020 U	--	0.00910 J	0.01100
9/8/15	0.00680 J	0.000200 U	0.0100 U	1.200	0.00500 U	0.0010 U	5.30	0.0010 U	--	0.00520	0.01100
3/23/16	0.03640	0.000200 U	0.0050 U	0.975	0.00500 U	0.0050 U	5.38	0.0050 U	--	0.00500 U	0.00945
9/6/16	0.02360	0.000200 U	0.0040	0.802	0.00200 U	0.0020 U	5.01	0.0010 U	--	0.00231	0.00763
3/9/17	0.05000	0.000200 U	0.0067	1.280	0.00500 U	0.0050 U	5.75	0.0050 U	--	0.00500 U	0.01540
9/18/17	0.01720	0.000200 U	0.0050 U	0.960	0.00500 U	0.0050 U	5.03	0.0050 U	--	0.00500 U	0.03270
4/5/18	0.02880	0.000200 U	0.0050 U	0.706	0.00500 U	0.0050 U	4.60	0.0050 U	--	0.00500 U	0.04000
9/12/18	0.01570	0.000200 U	0.0050 U	0.675	0.00500 U	0.0050 U	3.98	0.0050 U	--	0.00500 U	0.00765
4/17/19	0.01930	0.000100 U	0.0032	0.635	0.00100 U	0.0010 U	3.85	0.0010 U	--	0.00219	0.01210
8/8/19	0.02710	0.000100 U	0.0041	0.789	0.00100 U	0.0010 U	4.66	0.0010 U	--	0.00388	0.01050 B
3/16/20	0.32900	0.000100 U	0.0295	3.340	0.00177	0.0010 U	4.10	0.0010 U	--	0.02970	0.06630
8/6/20	0.15200	0.000100 U	0.0234	2.160	0.00138	0.0010 U	6.39	0.0010 U	--	0.01870	0.03650
3/30/21	0.12500	0.000100 U	0.0210	1.290	0.00100 U	0.0010 U	3.53	0.0010 U	--	0.00871	0.02800

Gude Landfill
Monitoring Location MW-11A - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
9/8/21	0.10400	0.000100 U	0.0172	1.590	0.00100 U	0.0010 U	5.88	0.0010 U	--	0.01140	0.02670
4/6/22	0.05290	0.000100 U	0.0076	0.748	0.00100 U	0.0010 U	4.80	0.0010 U	--	0.00366	0.01710

Gude Landfill

Printed 5/25/22

Monitoring Location MW-11A - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600		5	5	75
8/2/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/26/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/8/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/8/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/24/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	1.00 U	1.00 U	1.00 U	1.00 U	2.74	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.64
3/24/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/17/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-11A - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
3/16/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-11A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
8/2/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/26/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/24/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.17	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	6.86	1.00 U	1.00 U
3/24/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/17/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/8/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-11A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
3/16/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-11A - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS		70		80	700	10000				5	10000	100	5	1000	100
8/2/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/26/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/8/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
3/8/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/24/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	1.00 U	17.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.01
3/24/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/17/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-11A - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
3/16/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-11A - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
8/2/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	--
4/26/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/1/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/24/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/13/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/10/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.37	--
3/24/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/8/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/23/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/6/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/9/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/18/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/5/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/12/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/17/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill

Printed 5/25/22

Monitoring Location MW-11A - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
3/16/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/8/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location MW-11B - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/26/11	0.005 U	0.005 U	0.019	0.005 U	0.005 U	15.8	0.01 U	0.01 U	0.005 U	0.1 J	0.005 U	6.9	0.009	0.0002 U
9/8/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/12	0.005 U	0.005 U	0.020	0.005 U	0.005 U	15.1	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	8.1	0.009	0.0002 U
9/12/12	0.005 U	0.005 U	0.019	0.005 U	0.005 U	16.6	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	7.7	0.006	0.0002 U
4/1/13	0.005 U	0.005 U	0.018	0.005 U	0.005 U	16.2	0.01 U	0.01 U	0.011	0.2 U	0.005 U	7.4	0.007	0.0002 U
9/24/13	0.005 U	0.005 U	0.019	0.005 U	0.005 U	15.6	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	7.4	0.005 U	0.0002 U
3/13/14	0.005 U	0.005 U	0.021	0.005 U	0.005 U	17.3	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	10.0	0.005 U	0.0002 U
9/10/14	0.005 U	0.005 U	0.023	0.005 U	0.005 U	17.3	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	8.4	0.005 U	0.0002 U
3/24/15	0.002 U	0.002 U	0.016	0.002 U	0.004 U	17.0	0.01 U	0.01 U	0.010 U	0.0 U	0.002 U	8.5	0.005 U	0.0002 U
9/8/15	0.001 U	0.001 U	0.016	0.001 U	0.001 U	130.0	0.01 U	0.01 U	0.005 U	0.0 U	0.001 U	38.0	0.019	0.0004
3/23/16	0.002 U	0.002 U	0.016	0.002 U	0.002 U	16.1	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	7.5	0.002 U	0.0002 U
9/6/16	0.002 U	0.002 U	0.016	0.002 U	0.002 U	14.9	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	7.5	0.002 U	0.0002 U
3/9/17	0.002 U	0.002 U	0.018	0.002 U	0.002 U	16.5	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	8.0	0.002 U	0.0002 U
9/18/17	0.002 U	0.002 U	0.018	0.002 U	0.002 U	17.1	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	8.6	0.002	0.0002 U
4/5/18	0.002 U	0.002 U	0.018	0.002 U	0.002 U	17.3	0.00	0.00 U	0.002 U	0.1 U	0.002 U	8.6	0.002 U	0.0002 U
9/12/18	0.002 U	0.002 U	0.016	0.002 U	0.002 U	7.3	0.00 U	0.00 U	0.002 U	0.2	0.002 U	4.7	0.002 U	0.0002 U

Gude Landfill
Monitoring Location MW-11B - Dissolved Metals

Printed 5/25/22

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/26/11	0.01 U	0.9	0.005 U	0.01 U	9.8	0.005 U	0.01 U	0.005 U
9/8/11	0.01 U	--	--	--	--	--	--	--
3/8/12	0.01 U	0.9	0.005 U	0.01 U	10.2	0.005 U	0.01 U	0.005 U
9/12/12	0.01 U	1.0	0.005 U	0.01 U	9.7	0.005 U	0.01 U	0.005 U
4/1/13	0.01	0.9	0.005 U	0.01 U	12.5	0.005 U	0.01 U	0.005 U
9/24/13	0.01 U	1.0	0.005 U	0.01 U	9.1	0.005 U	0.01 U	0.005 U
3/13/14	0.01 U	1.0	0.005 U	0.01 U	11.9	0.005 U	0.01 U	0.005 U
9/10/14	0.01 U	0.8	0.005 U	0.01 U	9.2	0.005 U	0.01 U	0.005 U
3/24/15	0.01 U	0.9	0.035 U	0.01 U	9.9	0.002 U	0.01 U	0.010 U
9/8/15	0.01 U	3.8	0.005 U	0.00 U	22.0	0.001 U	0.00 J	0.005 U
3/23/16	0.00 U	0.7	0.002 U	0.00 U	8.1	0.001 U	0.00	0.002 U
9/6/16	0.00 U	0.8	0.002 U	0.00 U	8.6	0.001 U	0.00	0.002 U
3/9/17	0.00 U	0.8	0.002 U	0.00 U	8.8	0.001 U	0.00	0.002 U
9/18/17	0.00 U	0.8	0.002 U	0.00 U	9.2	0.001 U	0.00	0.002 U
4/5/18	0.00 U	0.8	0.002 U	0.00 U	9.1	0.001 U	0.00	0.002 U
9/12/18	0.00 U	0.9	0.002 U	0.00 U	5.4	0.001 U	0.00	0.002 U

Gude Landfill
Monitoring Location MW-11B - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS					0.2			10		1				
8/2/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/23/10	100.0	0.20 U	10.0 U	4.1800	--	--	94.0	2.3070	2.31	0.05 U	--	--	--	--
4/26/11	69.0	0.20 U	10.0 U	4.7900	--	--	66.0	2.3300	2.34	0.05 U	--	--	--	--
9/8/11	65.0	0.20 U	10.0 U	4.3800	--	--	58.0	2.1900	2.20	0.05 U	--	--	--	--
3/8/12	68.0	0.20 U	10.0 U	4.9000	--	--	62.0	2.5600	2.57	0.05 U	--	--	--	--
9/12/12	61.0	0.20 U	10.0 U	5.0600	--	--	62.0	2.3700	2.42	0.05 U	--	--	--	--
4/1/13	67.0	0.20 U	10.0 U	5.3500	--	3.64	64.0	2.6400	2.65	0.05 U	400.0	6.51	--	190.4
9/24/13	62.0	0.20 U	10.0 U	6.5700	--	3.44	62.0	2.3800	2.39	0.05 U	397.0	6.46	--	144.9
3/13/14	68.0	0.20 U	10.0 U	6.1400	--	3.61	72.0	2.7400	--	--	473.0	6.19	--	160.0
9/10/14	73.0	0.20 U	10.0 U	6.3800	--	3.63	86.0	2.8200	2.83	0.05 U	379.0	6.56	--	171.5
3/24/15	72.0	0.20 U	10.0 U	6.7700	--	3.72	86.0	3.0200	3.03	0.05 U	371.0	6.77	--	74.1
9/8/15	68.0	0.20 U	10.0 U	7.0700	--	3.63	72.0	3.0000	3.01	0.05 U	321.0	6.27	--	170.2
3/23/16	68.0	0.20 U	10.0 U	9.6400	--	0.00	108.0	2.9300	2.98	0.05 U	324.0	6.27	--	162.1
9/6/16	67.0	0.20 U	10.0 U	9.6800	--	3.42	82.0	2.4500	2.46	0.05 U	349.0	6.05	--	163.5
3/9/17	67.0	0.20 U	10.0 U	9.5100	--	--	80.0	2.8800	2.89	0.05 U	378.0	6.21	--	169.1
9/18/17	64.0	0.20 U	10.0 U	23.9000	--	--	82.0	2.1900	2.20	0.05 U	357.0	6.32	--	190.1
4/5/18	69.0	0.20 U	10.0 U	10.9000	--	--	88.7	3.2000	3.21	0.05 U	184.0	6.33	--	174.2
9/12/18	62.1	0.20 U	10.0 U	14.2000	--	--	83.9	2.9200	2.93	0.05 U	225.0	6.20	--	182.4
4/17/19	72.4	0.10 U	12.0	13.1000	--	8.58	79.8	3.9000	--	--	224.7	5.63	6.50	89.4

Gude Landfill
Monitoring Location MW-11B - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
8/8/19	68.1	0.10 U	3.0 U	17.3000	--	3.75	78.0	3.6000	--	--	184.1	5.97	6.56	0.2
3/16/20	68.6	0.10 U	3.0 U	17.3000	--	3.90	87.3	3.5500	--	--	165.2	6.01	6.32	272.1
8/6/20	40.9	0.10 U	15.6	19.3000	--	5.26	80.0	3.0000	--	--	148.6	6.71	6.36	207.6
3/30/21	74.0	0.10 U	3.0 U	18.7000	--	3.39	83.1	3.4300	--	--	165.7	6.21	6.40	199.8
9/8/21	73.8	0.05 U	21.9	21.8000	--	3.40	86.5	3.1700	--	--	205.9	6.17	6.34	206.9
4/6/22	71.4	0.04	3.0 U	23.6000	--	4.00	96.4	3.2300	--	--	178.1	6.14	6.34	215.2

Gude Landfill

Monitoring Location MW-11B - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS								
8/2/10	--	--	0.0 U	--	--	--	--	--
9/23/10	--	4.00 U	--	--	156.0	--	72.400	--
4/26/11	--	4.00 U	--	--	132.0	--	4.990	--
9/8/11	--	4.00 U	--	--	116.0	--	--	--
3/8/12	--	4.00 U	--	--	132.0	--	--	--
9/12/12	--	4.00 U	--	--	136.0	--	--	--
4/1/13	--	4.00 U	--	13.4	232.0	--	--	51.50
9/24/13	--	4.00 U	--	13.5	134.0	--	--	15.80
3/13/14	--	4.00 U	--	13.1	156.0	--	--	40.50
9/10/14	--	4.00 U	--	14.8	108.0	--	--	7.40
3/24/15	--	4.00 U	--	11.7	106.0	--	--	34.20
9/8/15	--	4.00 U	--	19.5	43.0	--	--	36.90
3/23/16	--	4.00 U	--	16.2	143.0	--	--	24.60
9/6/16	--	4.00 U	--	16.9	128.0	--	--	29.60
3/9/17	--	4.00 U	--	17.9	171.0	--	--	185.90
9/18/17	--	4.00 U	--	19.2	121.0	--	--	89.40
4/5/18	--	4.00 U	--	13.0	160.0	--	--	10.90
9/12/18	--	4.00 U	--	15.1	133.0	--	--	21.10
4/17/19	211.0	4.20	--	14.3	159.0	18.4	2.980	38.50

Gude Landfill

Monitoring Location MW-11B - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
8/8/19	212.0	3.40	--	14.9	156.0	3.7	1.540	0.00
3/16/20	220.0	3.99	--	14.2	155.0	13.8	4.470	4.20
8/6/20	229.0	2.89	--	15.9	158.0	7.4	3.510	2.30
3/30/21	231.0	4.50	--	13.8	203.0	389.0	18.600	23.70
9/8/21	235.0	2.80	--	15.6	157.0	16.8	8.260	14.20
4/6/22	248.1	3.30	--	14.1	156.0	220.0	40.700	52.00

Gude Landfill
Monitoring Location MW-11B - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
8/2/10	0.0010 U	0.0006 J	0.0240	0.0010 U	0.0010 U	--	0.0029	0.0009 J	0.0022	--	0.00100 U	--
9/23/10	0.0050 U	0.0050 U	0.0744	0.0050 U	0.0050 U	34.40	0.0082	0.0050	0.0131	6.9700	0.00500 U	8.360
4/26/11	0.0050 U	0.0050 U	0.0194	0.0050 U	0.0050 U	15.40	0.0050 U	0.0050 U	0.0050 U	0.5000 U	0.00500 U	6.630
9/8/11	0.0050 U	0.0050 U	0.0188	0.0050 U	0.0050 U	14.90	0.0050 U	0.0050 U	0.0050 U	0.5000 U	0.00500 U	6.300
3/8/12	0.0050 U	0.0050 U	0.0252	0.0050 U	0.0050 U	14.30	0.0050 U	0.0050 U	0.0074	1.3700	0.00500 U	7.720
9/12/12	0.0050 U	0.0050 U	0.0210	0.0050 U	0.0050 U	15.90	0.0050 U	0.0050 U	0.0050 U	0.5670	0.00500 U	6.620
4/1/13	0.0050 U	0.0050 U	0.0348	0.0050 U	0.0050 U	18.00	0.0150	0.0050 U	0.0159	3.3400	0.00500 U	9.260
9/24/13	0.0050 U	0.0050 U	0.0261	0.0050 U	0.0050 U	16.90	0.0050 U	0.0050 U	0.0055	0.9480	0.00500 U	8.180
3/13/14	0.0050 U	0.0050 U	0.0348	0.0050 U	0.0050 U	17.50	0.0052	0.0050 U	0.0070	2.7300	0.00500 U	9.360
9/10/14	0.0050 U	0.0050 U	0.0256	0.0050 U	0.0050 U	17.60	0.0050 U	0.0050 U	0.0050 U	0.7050	0.00500 U	8.630
3/24/15	0.0020 U	0.0020 U	0.0210	0.0020 U	0.0040 U	16.00	0.0100 U	0.0100 U	0.0021 J	1.8000	0.00200 U	8.800
9/8/15	0.0010 U	0.0010 U	0.0210	0.0010 U	0.0005 U	16.00	0.0050 U	0.0050 U	0.0050 U	1.6000	0.00100 U	8.000
3/23/16	0.0050 U	0.0050 U	0.0246	0.0050 U	0.0050 U	18.60	0.0050 U	0.0050 U	0.0050 U	0.4490	0.00500 U	10.200
9/6/16	0.0020 U	0.0020 U	0.0182	0.0020 U	0.0020 U	14.90	0.0020 U	0.0020 U	0.0022	0.2550	0.00200 U	7.550
3/9/17	0.0050 U	0.0050 U	0.0373	0.0050 U	0.0050 U	19.20	0.0050 U	0.0050 U	0.0059	3.1900	0.00500 U	10.300
9/18/17	0.0050 U	0.0050 U	0.0306	0.0050 U	0.0050 U	18.90	0.0050 U	0.0050 U	0.0058	1.9800	0.00500 U	9.610
4/5/18	0.0050 U	0.0050 U	0.0329	0.0050 U	0.0050 U	19.20	0.0051	0.0050 U	0.0050 U	1.8900	0.00500 U	9.860
9/12/18	0.0050 U	0.0050 U	0.0212	0.0050 U	0.0050 U	18.20	0.0050 U	0.0050 U	0.0050 U	0.9320	0.00500 U	9.350
4/17/19	0.0010 U	0.0010 U	0.0190	0.0010 U	0.0010 U	15.60	0.0112	0.0010 U	0.0010 U	0.2560	0.00100 U	9.910
8/8/19	0.0010 U	0.0010 U	0.0185	0.0010 U	0.0010 U	15.40	0.0031	0.0010 U	0.0010 U	0.1000 U	0.00100 U	9.600
3/16/20	0.0010 U	0.0010 U	0.0211	0.0010 U	0.0010 U	17.00	0.0023	0.0010 U	0.0010 U	0.2680	0.00100 U	10.900
8/6/20	0.0010 U	0.0010 U	0.0218	0.0010 U	0.0010 U	16.20	0.0027	0.0010 U	0.0010 U	0.1560	0.00100 U	9.600
3/30/21	0.0010 U	0.0010 U	0.0317	0.0010 U	0.0010 U	15.80	0.0090	0.0029	0.0041	3.3600	0.00100 U	10.600

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-11B - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
9/8/21	0.0010 U	0.0010 U	0.0232	0.0010 U	0.0010 U	17.60	0.0025	0.0010 U	0.0013	0.8780	0.00100 U	10.400
4/6/22	0.0010 U	0.0010 U	0.0473	0.0010 U	0.0010 U	19.50	0.0038	0.0044	0.0051	2.8600	0.00118	11.600

Gude Landfill
Monitoring Location MW-11B - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002			
8/2/10	--	0.000200 U	0.0021	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00730	0.01200
9/23/10	0.16700	0.000200 U	0.0090	2.500	0.00500 U	0.0050 U	12.60	0.0050 U	--	0.02290	0.02090
4/26/11	0.01200	0.000200 U	0.0050 U	0.888	0.00500 U	0.0050 U	9.10	0.0050 U	--	0.00500 U	0.00500 U
9/8/11	0.01070	0.000200 U	--	0.930	0.00500 U	0.0050 U	8.49	0.0050 U	--	0.00500 U	0.00500 U
3/8/12	0.03450	0.000200 U	0.0050 U	1.120	0.00500 U	0.0050 U	9.38	0.0050 U	--	0.00615	0.01060
9/12/12	0.01780	0.000200 U	0.0050 U	0.941	0.00500 U	0.0050 U	8.14	0.0050 U	--	0.00500 U	0.00657
4/1/13	0.06280	0.000200 U	0.0050 U	1.840	0.00500 U	0.0050 U	13.50	0.0050 U	--	0.01120	0.01250
9/24/13	0.02100	0.000200 U	0.0050 U	1.170	0.00500 U	0.0050 U	9.42	0.0050 U	--	0.00580	0.00743
3/13/14	0.05160	0.000200 U	0.0054	1.460	0.00500 U	0.0050 U	9.70	0.0050 U	--	0.00880	0.01220
9/10/14	0.01420	0.000200 U	0.0050 U	0.946	0.00500 U	0.0050 U	9.22	0.0050 U	--	0.00500 U	0.00500 U
3/24/15	0.03100	0.000200 U	0.0110 U	1.100	0.03500 U	0.0100 U	9.60	0.0020 U	--	0.00700 U	0.00530 U
9/8/15	0.05700	0.000200 U	0.0100 U	1.100	0.00500 U	0.0010 U	9.00	0.0010 U	--	0.00620	0.00500 U
3/23/16	0.01010	0.000200 U	0.0050 U	1.060	0.00500 U	0.0050 U	11.00	0.0050 U	--	0.00500 U	0.00500 U
9/6/16	0.00570	0.000200 U	0.0020 U	0.800	0.00200 U	0.0020 U	8.61	0.0010 U	--	0.00394	0.01430
3/9/17	0.08180	0.000200 U	0.0059	1.420	0.00500 U	0.0050 U	9.68	0.0050 U	--	0.01080	0.01350
9/18/17	0.04230	0.000200 U	0.0050 U	1.090	0.00500 U	0.0050 U	9.32	0.0050 U	--	0.00654	0.02720
4/5/18	0.03740	0.000200 U	0.0050 U	1.180	0.00500 U	0.0050 U	9.28	0.0050 U	--	0.00901	0.03190
9/12/18	0.01980	0.000200 U	0.0050 U	1.050	0.00500 U	0.0050 U	9.49	0.0050 U	--	0.00500 U	0.00500 U
4/17/19	0.00765	0.000100 U	0.0075	0.869	0.00100 U	0.0010 U	10.50	0.0010 U	--	0.00312	0.00400 U
8/8/19	0.00369	0.000100 U	0.0010 U	0.823	0.00100 U	0.0010 U	10.40	0.0010 U	--	0.00311	0.00444 B
3/16/20	0.00632	0.000100 U	0.0010 U	0.950	0.00100 U	0.0010 U	10.70	0.0010 U	--	0.00306	0.00400 U
8/6/20	0.01110	0.000100 U	0.0012	0.998	0.00100 U	0.0010 U	10.50	0.0010 U	--	0.00339	0.00400 U
3/30/21	0.08110	0.000100 U	0.0059	1.450	0.00100 U	0.0010 U	9.31	0.0010 U	--	0.01060	0.01370

Gude Landfill
Monitoring Location MW-11B - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
9/8/21	0.02160	0.000100 U	0.0015	1.030	0.00100 U	0.0010 U	10.40	0.0010 U	--	0.00511	0.00400 U
4/6/22	0.16500	0.000100 U	0.0056	1.270	0.00100 U	0.0010 U	9.78	0.0010 U	--	0.01010	0.01370

Gude Landfill
Monitoring Location MW-11B - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600		5	5	75
8/2/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/26/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/8/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/8/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/24/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/17/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-11B - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
3/16/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-11B - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
8/2/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/26/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/24/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	5.00 U	5.00 U	5.00 U	6.97	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/17/19	5.00 U	5.00 U	5.00 U	6.20 B	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/8/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10

Gude Landfill
Monitoring Location MW-11B - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
3/16/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-11B - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
8/2/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	2.00	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.97 J	2.00 U	2.00 U
4/26/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/8/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
3/8/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.10	1.00 U	1.00 U
9/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.74	1.00 U	1.00 U
9/24/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.42	1.00 U	1.00 U
3/13/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.01	1.00 U	1.00 U
9/10/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.05	1.00 U	1.00 U
9/8/15	1.00 U	1.15	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.33	1.00 U	1.00 U
3/23/16	1.00 U	1.44	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.58	1.00 U	1.00 U
9/6/16	1.00 U	1.40	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.24	1.00 U	1.00 U
3/9/17	1.00 U	1.55	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.54	1.00 U	1.00 U
9/18/17	1.00 U	1.26	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.88	1.00 U	1.00 U
4/5/18	1.00 U	1.40	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.92	1.00 U	1.00 U
9/12/18	1.00 U	1.31	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.34	1.00 U	1.00 U
4/17/19	1.00 U	2.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.90	1.00 U	1.00 U
8/8/19	1.00 U	3.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.60	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-11B - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
3/16/20	1.00 U	4.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.30	1.00 U	1.00 U
8/6/20	1.00 U	5.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	8.10	1.00 U	1.00 U
3/30/21	1.00 U	4.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	7.50	1.00 U	1.00 U
9/8/21	1.00 U	5.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00	1.00 U	1.00 U
4/6/22	1.00 U	8.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.80	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-11B - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
8/2/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	--
4/26/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/1/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/24/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/13/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/10/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/24/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/8/15	1.00 U	5.00 U	1.17	1.00 U	5.00 U	1.00 U	--
3/23/16	1.00 U	5.00 U	1.43	1.00 U	5.00 U	1.00 U	--
9/6/16	1.00 U	5.00 U	1.13	1.00 U	5.00 U	1.00 U	--
3/9/17	1.00 U	5.00 U	1.65	1.00 U	5.00 U	1.00 U	--
9/18/17	1.00 U	5.00 U	1.08	1.00 U	5.00 U	1.00 U	--
4/5/18	1.00 U	5.00 U	1.51	1.00 U	5.00 U	1.00 U	--
9/12/18	1.00 U	5.00 U	1.27	1.00 U	5.00 U	1.00 U	--
4/17/19	1.00 U	1.00 U	1.70	1.00 U	1.00 U	1.00 U	--
8/8/19	1.00 U	1.00 U	2.90	1.00 U	1.00 U	1.00 U	--

Gude Landfill

Printed 5/25/22

Monitoring Location MW-11B - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
3/16/20	1.00 U	1.00 U	2.70	1.00 U	1.00 U	1.00 U	--
8/6/20	1.00 U	1.00 U	3.90	1.00 U	1.00 U	1.00 U	--
3/30/21	1.00 U	1.00 U	3.50	1.00 U	1.00 U	1.00 U	--
9/8/21	1.00 U	1.00 U	4.10	1.00 U	1.00 U	1.00 U	--
4/6/22	1.00 U	1.00 U	5.30	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location MW-12 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/26/11	0.005 U	0.005 U	0.686	0.005 U	0.005 U	83.3	0.01 U	0.01 U	0.008	0.6	0.005 U	39.8	0.077	0.0002 U
9/8/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/12	0.005 U	0.005 U	0.589	0.005 U	0.005 U	61.0	0.01 U	0.01 U	0.008	0.3	0.005 U	30.0	0.055	0.0002 U
9/12/12	0.005 U	0.005 U	0.374	0.005 U	0.005 U	48.3	0.01 U	0.01 U	0.006	0.3	0.005 U	20.1	0.031	0.0002 U
4/1/13	0.005 U	0.005 U	0.448	0.005 U	0.005 U	45.2	0.01 U	0.01 U	0.014	0.2	0.005 U	21.7	0.049	0.0002 U
9/18/13	0.005 U	0.005 U	0.335	0.005 U	0.005 U	41.8	0.01 U	0.01 U	0.006	0.2	0.005 U	17.5	0.042	0.0002 U
3/13/14	0.005 U	0.005 U	0.451	0.005 U	0.005 U	45.4	0.01 U	0.01 U	0.008	0.3	0.005 U	22.2	0.043	0.0002 U
9/10/14	0.005 U	0.005 U	0.075	0.005 U	0.005 U	18.9	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	7.7	0.021	0.0002 U
3/24/15	0.002 U	0.002 U	0.430	0.002 U	0.004 U	48.0	0.01 U	0.01 U	0.004 U	0.0 U	0.002 U	24.0	0.036	0.0002 U
9/8/15	0.001 U	0.001 U	0.321	0.001 U	0.001 U	34.0	0.01 U	0.01 U	0.005 U	0.0 U	0.001 U	15.0	0.055	0.0002 U
3/23/16	0.002 U	0.002 U	0.323	0.002 U	0.002 U	30.1	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	14.8	0.025	0.0002 U
9/6/16	0.002 U	0.002 U	0.272	0.002 U	0.002 U	29.5	0.00 U	0.00 U	0.003	0.2 U	0.002 U	13.1	0.028	0.0002 U
3/13/17	0.002 U	0.002 U	0.245	0.002 U	0.002 U	26.5	0.00 U	0.00 U	0.004	0.2 U	0.002 U	11.6	0.020	0.0002 U
9/19/17	0.002 U	0.002 U	0.209	0.002 U	0.002 U	24.0	0.00	0.00 U	0.004	0.2 U	0.002 U	9.5	0.022	0.0002 U
4/3/18	0.002 U	0.002 U	0.233	0.002 U	0.002 U	26.4	0.00	0.00 U	0.002 U	0.1 U	0.002 U	10.8	0.039	0.0002 U
9/12/18	0.002 U	0.002 U	0.629	0.002 U	0.002 U	9.6	0.00 U	0.00 U	0.002 U	2.9	0.002 U	12.3	0.074	0.0002 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-12 - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/26/11	0.01	4.1	0.005 U	0.01 U	98.2	0.005 U	0.01 U	0.027
9/8/11	0.01	--	--	--	--	--	--	--
3/8/12	0.02	3.8	0.005 U	0.01 U	91.8	0.005 U	0.01 U	0.024
9/12/12	0.03	3.6	0.005 U	0.01 U	62.1	0.005 U	0.01 U	0.018
4/1/13	0.01	3.7	0.005 U	0.01 U	79.8	0.005 U	0.01 U	0.020
9/18/13	0.01	3.2	0.005 U	0.01 U	57.0	0.005 U	0.01 U	0.018
3/13/14	0.01	3.2	0.005 U	0.01 U	85.4	0.005 U	0.01 U	0.029
9/10/14	0.01 U	1.1	0.005 U	0.01 U	9.0	0.005 U	0.01 U	0.010
3/24/15	0.01 J	3.3	0.035 U	0.01 U	91.0	0.002 U	0.01 U	0.023
9/8/15	0.00 J	2.8	0.005 U	0.00 U	65.0	0.001 U	0.01 U	0.011
3/23/16	0.00	2.1	0.002 U	0.00 U	71.8	0.001 U	0.00 U	0.014
9/6/16	0.00	2.5	0.002 U	0.00 U	61.4	0.001 U	0.00	0.015
3/13/17	0.00	2.2	0.002 U	0.00 U	51.1	0.001 U	0.00	0.014
9/19/17	0.00	2.0	0.002 U	0.00 U	41.8	0.001 U	0.00 U	0.013
4/3/18	0.00	2.2	0.002 U	0.00 U	49.7	0.001 U	0.00 U	0.036
9/12/18	0.01	1.5	0.002 U	0.00 U	31.4	0.001 U	0.00 U	0.035

Gude Landfill
Monitoring Location MW-12 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS					0.2			10		1				
8/2/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/23/10	15.0	0.20 U	10.0 U	374.0000	--	--	360.0	5.0188	5.03	0.01 J	--	--	--	--
4/26/11	16.0	0.20 U	10.0 U	371.0000	--	--	356.0	4.3800	4.39	0.05 U	--	--	--	--
9/8/11	22.0	0.20 U	10.0 U	286.0000	--	--	280.0	4.8700	4.88	0.05 U	--	--	--	--
3/8/12	12.0	0.20 U	6.1	348.0000	--	--	276.0	4.4300	4.44	0.05 U	--	--	--	--
9/12/12	10.0	0.20 U	10.0 U	211.0000	--	--	188.0	4.9000	4.95	0.05 U	--	--	--	--
4/1/13	7.0	0.20 U	10.0 U	246.0000	--	5.77	196.0	4.4900	4.50	0.05 U	539.0	5.19	--	976.6
9/18/13	7.9	0.20 U	10.0 U	197.0000	--	5.53	170.0	5.0200	5.03	0.05 U	475.0	4.82	--	668.0
3/13/14	6.0	0.20 U	10.0 U	251.0000	--	6.40	206.0	4.3300	--	--	645.0	4.85	--	835.9
9/10/14	75.0	0.20 U	10.0 U	7.3000	--	2.98	88.0	0.2000 U	0.20 U	0.05 U	448.0	5.96	--	159.4
3/24/15	7.5	0.20 U	10.0 U	267.0000	--	6.85	204.0	3.9400	3.95	0.05 U	461.0	5.20	--	783.6
9/8/15	10.0	0.20 U	10.0 U	176.0000	--	6.02	136.0	4.8800	4.89	0.05 U	393.0	5.05	--	641.4
3/23/16	23.0	0.20 U	10.0 U	204.0000	--	7.03	140.0	3.8300	3.88	0.05 U	440.0	5.36	--	640.7
9/6/16	25.0	0.20 U	10.0 U	147.0000	--	--	136.0	4.8300	4.84	0.05 U	439.0	5.07	--	563.6
3/13/17	36.0	0.20 U	10.0 U	135.0000	--	4.49	140.0	4.9600	5.01	0.05 U	502.0	5.15	--	481.9
9/19/17	35.0	0.20 U	10.0 U	113.0000	--	--	110.0	5.4700	5.48	0.05 U	473.0	5.12	--	439.3
4/3/18	8.4	0.20 U	10.0 U	133.0000	--	--	104.0	4.7300	4.74	0.05 U	287.0	5.22	--	462.4
9/12/18	8.8	0.20 U	10.0 U	351.0000	--	--	292.0	4.4900	4.50	0.05 U	296.0	4.84	--	1132.0
4/16/19	11.9	0.10 U	11.0	272.0000	--	6.36	163.0	4.0000	--	--	170.2	5.20	5.86	1120.0

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-12 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
8/8/19	30.5	0.10 U	15.1	111.0000	--	4.56	79.2	2.9000	--	--	227.5	5.03	5.60	0.4
3/16/20	13.1	0.10 U	11.3	149.0000	--	6.05	112.0	3.3800	--	--	228.1	5.00	5.53	798.0
8/6/20	12.7	0.10 U	15.3	4.7000	--	5.29	96.8	2.1900	--	--	305.1	5.41	5.30	472.1
4/1/21	19.1	0.10 U	3.6	104.0000	--	5.45	57.7	2.3200	--	--	242.7	5.30	5.67	420.5
9/9/21	14.4	0.05 U	10.2	84.5000	--	4.85	57.4	1.9800	--	--	295.0	5.82	5.35	418.6
4/6/22	23.1	0.13	3.0 U	62.7000	--	5.88	48.0	2.1000	--	--	246.8	5.22	5.48	333.5

Gude Landfill
Monitoring Location MW-12 - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS								
8/2/10	--	--	0.0 U	--	--	--	--	--
9/23/10	--	14.70	--	--	1520.0	--	3920.000	--
4/26/11	--	14.30 J	--	--	1184.0	--	57.400	--
9/8/11	--	15.50	--	--	1020.0	--	--	--
3/8/12	--	13.90	--	--	1012.0	--	--	--
9/12/12	--	15.70	--	--	720.0	--	--	--
4/1/13	--	15.00	--	16.3	600.0	--	--	84.30
9/18/13	--	17.30	--	18.1	646.0	--	--	160.00
3/13/14	--	18.20	--	14.8	624.0	--	--	50.10
9/10/14	--	8.23	--	14.2	134.0	--	--	358.30
3/24/15	--	18.80	--	12.2	620.0	--	--	94.30
9/8/15	--	20.70	--	23.8	337.0	--	--	6.90
3/23/16	--	20.40	--	19.4	426.0	--	--	26.30
9/6/16	--	20.40	--	28.4	443.0	--	--	5.20
3/13/17	--	18.80	--	13.8	333.0	--	--	8.30
9/19/17	--	19.30	--	20.5	265.0	--	--	5.80
4/3/18	--	18.50	--	10.4	393.0	--	--	10.90
9/12/18	--	15.40	--	20.3	745.0	--	--	7.10
4/16/19	898.0	19.30	--	15.5	661.0	20.8	16.600	9.80

Gude Landfill

Printed 5/25/22

Monitoring Location MW-12 - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
8/8/19	451.0	14.60	--	20.2	298.0	14.4	9.620	9.97
3/16/20	5.9	20.00	--	17.6	402.0	26.0	8.370	13.20
8/6/20	564.0	19.60	--	19.0	335.0	320.0	100.000	119.60
4/1/21	457.0	27.30	--	16.9	265.0	201.0	14.200	14.71
9/9/21	405.0	30.20	--	23.4	234.0	112.0	12.500	46.00
4/6/22	345.5	30.70	--	17.3	194.0	273.0	26.000	45.00

Gude Landfill
Monitoring Location MW-12 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
8/2/10	0.0010 U	0.0019	0.7600	0.0010 U	0.0006 J	--	0.0640	0.0190	0.0390	--	0.01600	--
9/23/10	0.0050 U	0.0050 U	1.3200	0.0050 U	0.0050 U	82.00	0.1000	0.0492	0.1090	100.0000	0.06160	69.500
4/26/11	0.0050 U	0.0050 U	0.7490	0.0050 U	0.0050 U	78.80	0.0050 U	0.0050 U	0.0111	2.5900	0.00500 U	43.100 J
9/8/11	0.0050 U	0.0050 U	0.6150	0.0050 U	0.0050 U	65.60	0.0050 U	0.0050 U	0.0063	1.2200	0.01060	29.100
3/8/12	0.0050 U	0.0050 U	0.6350	0.0050 U	0.0050 U	65.20	0.0181	0.0050 U	0.0168	4.0900	0.00500 U	32.700
9/12/12	0.0050 U	0.0050 U	0.4720	0.0050 U	0.0050 U	47.40	0.0261	0.0120	0.0339	17.0000	0.01680	23.000
4/1/13	0.0050 U	0.0050 U	0.4730	0.0050 U	0.0050 U	44.50	0.0050 U	0.0050 U	0.0159	1.2700	0.00500 U	21.100
9/18/13	0.0050 U	0.0050 U	0.3920	0.0050 U	0.0050 U	45.50	0.0115	0.0050 U	0.0167	7.1200	0.00655	21.600
3/13/14	0.0050 U	0.0050 U	0.4710	0.0050 U	0.0050 U	46.40	0.0050 U	0.0050 U	0.0079	1.1700	0.00500 U	22.900
9/10/14	0.0050 U	0.0050 U	0.3540	0.0050 U	0.0050 U	19.70	0.0436	0.0213	0.0780	36.8000	0.01120	19.500
3/24/15	0.0020 U	0.0020 U	0.4400	0.0020 U	0.0040 U	47.00	0.0100	0.0100 U	0.0110	3.8000	0.00220	24.000
9/8/15	0.0010 U	0.0010 U	0.3100	0.0010 U	0.0005 U	32.00	0.0050 U	0.0050 U	0.0050 U	2.1000	0.00140	15.000
3/23/16	0.0050 U	0.0050 U	0.3540	0.0050 U	0.0050 U	32.80	0.0050 U	0.0050 U	0.0050 U	0.3670	0.00500 U	16.900
9/6/16	0.0020 U	0.0020 U	0.2690	0.0020 U	0.0020 U	28.70	0.0020	0.0020 U	0.0030	0.3740	0.00200 U	12.600
3/13/17	0.0020 U	0.0020 U	0.2550	0.0020 U	0.0020 U	26.50	0.0020 U	0.0020 U	0.0020 J	0.2000 U	0.00200 U	11.400
9/19/17	0.0050 U	0.0050 U	0.2290	0.0050 U	0.0050 U	25.70	0.0050 U	0.0050 U	0.0139	0.9840	0.00500 U	10.700
4/3/18	0.0050 U	0.0050 U	0.2450	0.0050 U	0.0050 U	25.00	0.0050 U	0.0050 U	0.0110	0.1680	0.00500 U	10.100
9/12/18	0.0050 U	0.0050 U	0.6050	0.0050 U	0.0050 U	61.60	0.0050 U	0.0050 U	0.0050 U	0.6960	0.00500 U	33.600
4/16/19	0.0010 U	0.0010 U	0.3130	0.0010 U	0.0010 U	33.00	0.0023	0.0014	0.0020	0.6750	0.00100 U	19.700
8/8/19	0.0010 U	0.0010 U	0.1500	0.0010 U	0.0010 U	16.70	0.0037	0.0010 U	0.0029 B	0.4490	0.00136	9.070
3/16/20	0.0010 U	0.0010 U	0.2310	0.0010 U	0.0010 U	22.50	0.0067	0.0010 U	0.0170	0.3520	0.00100 U	13.500
8/6/20	0.0010 U	0.0010 U	0.2380	0.0010 U	0.0010 U	17.60	0.0146	0.0044	0.0124	5.8300	0.00432	12.800
4/1/21	0.0010 U	0.0010 U	0.1200	0.0010 U	0.0010 U	11.50	0.0083	0.0013	0.0041	1.3600	0.00100 U	7.040

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-12 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
9/9/21	0.0010 U	0.0010 U	0.1360	0.0010 U	0.0010 U	11.30	0.0088	0.0015	0.0031	1.7200	0.00113	7.090
4/6/22	0.0010 U	0.0010 U	0.1020	0.0010 U	0.0010 U	10.20	0.0031	0.0010 U	0.0015	0.3540	0.00100 U	5.490

Gude Landfill
Monitoring Location MW-12 - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002			
8/2/10	--	0.000200 U	0.0600	--	0.00050 J	0.0010 U	--	0.0010 U	0.0050 U	0.02800	0.11000
9/23/10	3.02000	0.000200 U	0.0938	23.100	0.00620	0.0050 U	81.50	0.0050 U	--	0.08500	0.26900
4/26/11	0.13800	0.000200 U	0.0113	5.140	0.00500 U	0.0050 U	104.00 J	0.0050 U	--	0.00500 U	0.03520
9/8/11	0.10300	0.000200 U	--	4.120	0.00500 U	0.0050 U	73.70	0.0050 U	--	0.00500 U	0.03060
3/8/12	0.15500	0.000200 U	0.0104	4.490	0.00500 U	0.0050 U	96.20	0.0050 U	--	0.00500 U	0.03900
9/12/12	0.53200	0.000200 U	0.0065	5.420	0.00500 U	0.0050 U	57.80	0.0050 U	--	0.02460	0.07540
4/1/13	0.08350	0.000200 U	0.0081	4.060	0.00500 U	0.0050 U	76.90	0.0050 U	--	0.00500 U	0.02380
9/18/13	0.17700	0.000200 U	0.0057	4.300	0.00500 U	0.0050 U	61.40	0.0050 U	--	0.00879	0.04430
3/13/14	0.06580	0.000200 U	0.0079	3.270	0.00500 U	0.0050 U	88.40	0.0050 U	--	0.00500 U	0.02410
9/10/14	0.59600	0.000200 U	0.0388	8.020	0.00500 U	0.0050 U	8.05	0.0050 U	--	0.08930	0.13200
3/24/15	0.11000	0.000200 U	0.0140	4.100	0.03500 U	0.0100 U	88.00	0.0020 U	--	0.01000 U	0.04100
9/8/15	0.02200	0.000200 U	0.0100 U	3.200	0.00500 U	0.0010 U	64.00	0.0010 U	--	0.00500 U	0.02200
3/23/16	0.03910	0.000200 U	0.0050 U	2.600	0.00500 U	0.0050 U	83.50	0.0050 U	--	0.00500 U	0.02100
9/6/16	0.03980	0.000200 U	0.0041	2.390	0.00200 U	0.0020 U	54.00	0.0010 U	--	0.00232	0.01590
3/13/17	0.02560	0.000200 U	0.0034	2.160	0.00200 U	0.0020 U	50.80	0.0010 U	--	0.00250	0.01320
9/19/17	0.04580	0.000200 U	0.0050 U	2.230	0.00500 U	0.0050 U	44.60	0.0050 U	--	0.00500 U	0.03150
4/3/18	0.04690	0.000200 U	0.0050 U	2.120	0.00500 U	0.0050 U	48.70	0.0050 U	--	0.00500 U	0.06160
9/12/18	0.08910	0.000200 U	0.0090	3.580	0.00500 U	0.0050 U	99.30	0.0050 U	--	0.00500 U	0.03310
4/16/19	0.06320	0.000100 U	0.0052	2.550	0.00100 U	0.0010 U	119.00 B	0.0010 U	--	0.00100 U	0.03240
8/8/19	0.03590	0.000100 U	0.0028	1.760	0.00100 U	0.0010 U	51.30	0.0010 U	--	0.00100 U	0.01820 B
3/16/20	0.03360	0.000100 U	0.0052	2.280	0.00100 U	0.0010 U	71.60	0.0010 U	--	0.00100 U	0.01500 B
8/6/20	0.17600	0.000100 U	0.0125	3.010	0.00127	0.0010 U	61.40	0.0010 U	--	0.00761	0.04060
4/1/21	0.04180	0.000100 U	0.0079	1.660	0.00100 U	0.0010 U	54.20	0.0010 U	--	0.00281	0.01680 B

Gude Landfill
Monitoring Location MW-12 - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
9/9/21	0.04700	0.000100 U	0.0069	2.050	0.00100 U	0.0010 U	55.10	0.0010 U	--	0.00257	0.01240
4/6/22	0.03970	0.000100 U	0.0028	1.380	0.00100 U	0.0010 U	42.00	0.0010 U	--	0.00139	0.00528

Gude Landfill

Printed 5/25/22

Monitoring Location MW-12 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600		5	5	75
8/2/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/26/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/8/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/8/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/19/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/3/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/16/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-12 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
3/16/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-12 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
8/2/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/26/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/19/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/3/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/16/19	5.00 U	5.00 U	5.00 U	8.60	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.10
8/8/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.30

Gude Landfill
Monitoring Location MW-12 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
3/16/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10
8/6/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-12 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
8/2/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/26/11	4.10	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/8/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
3/8/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/19/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/3/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/16/19	1.00 U	1.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-12 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
3/16/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-12 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
8/2/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	--
4/26/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/1/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/18/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/13/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/10/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/24/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/8/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/23/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/6/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/13/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/19/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/3/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/12/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/16/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill

Printed 5/25/22

Monitoring Location MW-12 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
3/16/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
4/1/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/9/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location MW-13A - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/25/11	0.005 U	0.005 U	0.174	0.005 U	0.005 U	26.5	0.01 U	0.01	0.005 U	0.2 J	0.005 U	17.5	0.232	0.0002 U
9/20/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/13/12	0.005 U	0.005 U	0.190	0.005 U	0.005 U	29.0	0.01 U	0.01	0.005 U	0.2 U	0.005 U	21.1	0.238	0.0002 U
9/17/12	0.005 U	0.005 U	0.191	0.005 U	0.005 U	25.5	0.01 U	0.01	0.006	0.2 U	0.005 U	16.8	0.262	0.0002 U
3/28/13	0.005 U	0.005 U	0.175	0.005 U	0.005 U	25.7	0.01 U	0.01	0.011	0.2	0.005 U	16.7	0.256	0.0002 U
9/18/13	0.005 U	0.005 U	0.172	0.005 U	0.005 U	25.6	0.01 U	0.01	0.005 U	0.4	0.005 U	17.6	0.346	0.0002 U
3/13/14	0.005 U	0.005 U	0.172	0.005 U	0.005 U	25.4	0.01 U	0.01	0.005 U	0.3	0.005 U	17.9	0.342	0.0002 U
9/8/14	0.005 U	0.005 U	0.165	0.005 U	0.005 U	22.3	0.01 U	0.01	0.005 U	1.8	0.005 U	16.8	0.493	0.0002 U
3/18/15	0.002 U	0.002 U	0.160	0.002 U	0.004 U	23.0	0.01 U	0.01 J	0.010 U	0.1	0.002 U	17.0	0.250	0.0002 U
9/1/15	0.001 U	0.001 U	0.190	0.001 U	0.001 U	26.0	0.01 U	0.01	0.005 U	0.1	0.001 U	18.0	0.420	0.0002 U
3/16/16	0.002 U	0.002 U	0.182	0.002 U	0.002 U	24.1	0.00 U	0.01	0.002 U	0.2 U	0.002 U	17.4	0.262	0.0002 U
8/29/16	0.002 U	0.002 U	0.195	0.002 U	0.002 U	25.1	0.00 U	0.01	0.002 U	0.3	0.002 U	18.1	0.302	0.0002 U
3/7/17	0.002 U	0.002 U	0.189	0.002 U	0.002 U	25.9	0.01	0.01	0.002 U	0.2 U	0.002 U	18.4	0.293	0.0002 U
9/18/17	0.002 U	0.002 U	0.189	0.002 U	0.002 U	28.4	0.00	0.01	0.002 U	0.2	0.002 U	20.0	0.300	0.0002 U
3/28/18	0.002 U	0.002 U	0.161	0.002 U	0.002 U	22.3	0.01	0.01	0.002 U	0.2 U	0.002 U	16.3	0.332	0.0002 U
10/10/18	0.002 U	0.002 U	0.128	0.002 U	0.002 U	20.2	0.01	0.01	0.002 U	0.4	0.002 U	15.0	0.562	0.0002 U

Gude Landfill
Monitoring Location MW-13A - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/25/11	0.01	2.0	0.005 U	0.01 U	15.0	0.005 U	0.01 U	0.012
9/20/11	0.01	--	--	--	--	--	--	--
3/13/12	0.08	2.3	0.005 U	0.01 U	16.4	0.005 U	0.01 U	0.012
9/17/12	0.02	2.6	0.005 U	0.01 U	14.8	0.005 U	0.01 U	0.015
3/28/13	0.01	2.8	0.005 U	0.01 U	16.5	0.005 U	0.01 U	0.014
9/18/13	0.04	2.4	0.005 U	0.01 U	15.7	0.005 U	0.01 U	0.013
3/13/14	0.01	2.2	0.005 U	0.01 U	14.7	0.005 U	0.01 U	0.016
9/8/14	0.01	2.4	0.005 U	0.01 U	13.9	0.005 U	0.01 U	0.016
3/18/15	0.01 J	2.0	0.035 U	0.01 U	13.0	0.002 U	0.01 U	0.016
9/1/15	0.01 U	2.4	0.005 U	0.00 U	14.0	0.001 U	0.01 U	0.014
3/16/16	0.01	1.9	0.002 U	0.00 U	13.1	0.001 U	0.00 U	0.012
8/29/16	0.01	2.2	0.002 U	0.00 U	14.3	0.001 U	0.00 U	0.012
3/7/17	0.01	2.1	0.002	0.00 U	14.1	0.001 U	0.00 U	0.013
9/18/17	0.01	2.6	0.002 U	0.00 U	15.5	0.001 U	0.00 U	0.012
3/28/18	0.01	1.8	0.002	0.00 U	12.2	0.001 U	0.00	0.017
10/10/18	0.01	2.3	0.002 U	0.00 U	11.0	0.001 U	0.00 U	0.016

Gude Landfill
Monitoring Location MW-13A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS					0.2			10		1				
7/30/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/15/10	50.0	0.20 U	34.6	84.3000	--	--	160.0	2.4800	2.53	0.05 U	--	--	--	--
4/25/11	224.0	0.20 U	10.0 U	83.5000	--	--	128.0	2.2900	2.30	0.05 U	--	--	--	--
9/20/11	34.0	0.20 U	10.0 U	85.1000	--	--	125.0	2.1700	2.22	0.05 U	--	--	--	--
3/13/12	227.0	0.20 U	10.1	86.1000	--	--	164.0	1.9700	2.02	0.05 U	--	--	--	--
9/17/12	32.0	0.20 U	10.0 U	90.7000	--	--	148.0	2.0800	2.13	0.05 U	--	--	--	--
3/28/13	34.0	0.20 U	17.2	88.2000	--	0.07	132.0	1.8800	1.89	0.05 U	482.0	5.32	--	406.3
9/18/13	32.0	0.20 U	10.0 U	87.9000	--	0.07	136.0	1.6700	1.72	0.05 U	440.0	5.12	--	290.5
3/13/14	34.0	0.20 U	10.9	86.8000	--	0.07	270.0	1.5200	--	--	404.0	5.31	--	214.5
9/8/14	36.0	0.20 U	18.6	85.8000	--	1.97	148.0	1.2861	1.34	0.05	349.0	5.34	--	83.3
3/18/15	32.0	0.20 U	10.0 U	90.8000	--	0.24	220.0	1.5500	1.60	0.05 U	432.0	5.12	--	319.4
9/1/15	40.0	0.20 U	11.7	93.8000	--	2.38	152.0	1.5500	1.60	0.05 U	301.0	5.07	--	378.9
3/16/16	33.0	0.20 U	10.0 U	90.7000	--	0.00	128.0	1.6300	1.68	0.05 U	448.0	5.16	--	348.8
8/29/16	37.0	0.20 U	10.0 U	91.7000	--	--	142.0	1.5400	1.59	0.05 U	411.0	4.82	--	360.2
3/7/17	43.0	0.20 U	10.0 U	95.0000	--	--	134.0	1.8400	1.89	0.05 U	451.0	5.02	--	353.5
9/18/17	27.0	0.20 U	10.0 U	88.4000	--	0.44	136.0	1.7800	1.83	0.05 U	461.0	5.08	--	377.1
3/28/18	28.8	0.20 U	10.0 U	90.4000	--	--	230.0	1.8200	1.87	0.05 U	292.0	5.08	--	334.7
10/10/18	27.2	0.20 U	10.0 U	79.0000	--	--	117.0	1.5100	1.56	0.05 U	226.0	5.04	--	295.3
4/9/19	31.9	0.13	5.0	70.3000	--	0.03	104.0 B	0.2000 U	--	--	138.4	5.17	5.49	396.0

Gude Landfill
Monitoring Location MW-13A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
8/6/19	32.1	0.10 J	5.0	76.8000	--	0.14	102.0	1.4000	--	--	249.2	4.65	5.48	0.3
3/9/20	29.8	0.10 U	7.6	86.0000	--	0.46	132.0	1.9300	--	--	261.2	5.10	5.37	327.0
7/27/20	17.9	0.11	12.7	86.0000	--	0.53	131.0	1.9200	--	--	89.5	4.85	6.84	347.6
3/22/21	21.3	0.10 U	3.0 U	94.1000	--	0.07	127.0	2.9800	--	--	257.4	5.10	5.20	399.0
8/30/21	27.9	0.05 J	22.5	110.0000	--	0.60	157.0	4.6600	--	--	307.5	5.04	5.20	422.5
4/4/22	26.2	0.08	7.3	102.0000	--	0.99	160.0	4.7300	--	--	22.2	5.03	5.24	376.3

Gude Landfill

Printed 5/25/22

Monitoring Location MW-13A - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS								
7/30/10	--	--	3.0 U	--	--	--	--	--
9/15/10	--	4.00 U	--	--	380.0	--	1048.000	--
4/25/11	--	4.00 U	--	--	324.0	--	56.800	--
9/20/11	--	4.00 U	--	--	456.0	--	--	--
3/13/12	--	4.00 U	--	--	392.0	--	--	--
9/17/12	--	4.00 U	--	--	336.0	--	--	--
3/28/13	--	4.00 U	--	12.1	174.0	--	--	1082.00
9/18/13	--	4.00 U	--	14.6	348.0	--	--	1220.00
3/13/14	--	4.00 U	--	10.7	312.0	--	--	934.00
9/8/14	--	4.00 U	--	14.4	288.0	--	--	1349.00
3/18/15	--	4.00 U	--	11.1	228.0	--	--	42.70
9/1/15	--	4.00 U	--	25.1	142.0	--	--	73.20
3/16/16	--	4.00 U	--	14.1	238.0	--	--	27.20
8/29/16	--	4.00 U	--	15.9	293.0	--	--	46.60
3/7/17	--	4.00 U	--	13.3	177.0	--	--	14.30
9/18/17	--	4.00 U	--	16.5	246.0	--	--	14.80
3/28/18	--	4.00 U	--	11.8	308.0	--	--	11.80
10/10/18	--	--	--	19.3	196.0	--	--	10.20
4/9/19	314.0	6.20	--	13.2	195.0	26.8	8.910	23.00

Gude Landfill

Printed 5/25/22

Monitoring Location MW-13A - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
8/6/19	322.0	2.10	--	15.9	231.0	13.9	9.160	0.00
3/9/20	367.0	2.10	--	13.1	217.0	18.1	7.150	32.30
7/27/20	395.0	1.64	--	16.4	268.0	65.2	10.200	30.50
3/22/21	400.0	7.20	--	12.2	299.0	62.7	27.000	28.50
8/30/21	455.0	2.00	--	18.5	270.0	119.0	23.500	62.50
4/4/22	451.6	1.20	--	11.8	259.0	123.0	35.300	52.50

Gude Landfill
Monitoring Location MW-13A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
7/30/10	0.0010 U	0.0020	0.2300	0.0009 J	0.0010 U	--	0.0180	0.0160	0.0580	--	0.00650	--
9/15/10	0.0050 U	0.0050 U	0.3320	0.0050 U	0.0050 U	26.50	0.0240	0.0290	0.0710	28.3000	0.01120	23.500
4/25/11	0.0050 U	0.0050 U	0.1990	0.0050 U	0.0050 U	23.80 J	0.0050 U	0.0079	0.0121	3.3200	0.00500 U	20.700 J
9/20/11	0.0050 U	0.0050 U	0.2730	0.0050 U	0.0050 U	24.50	0.0050 U	0.0114	0.0137	2.9600	0.00686	19.700
3/13/12	0.0050 U	0.0050 U	0.6870	0.0050 U	0.0050 U	29.10	0.0853	0.0683	0.1970	108.0000	0.03270	47.000
9/17/12	0.0050 U	0.0050 U	0.2490	0.0050 U	0.0050 U	26.30	0.0224	0.0170	0.0421	17.3000	0.00690	19.700
3/28/13	0.0050 U	0.0050 U	0.2130	0.0050 U	0.0050 U	25.00	0.0084	0.0109	0.0271	10.3000	0.00500 U	18.200
9/18/13	0.0050 U	0.0050 U	0.3970	0.0050 U	0.0050 U	26.90	0.0409	0.0351	0.0900	45.7000	0.01460	30.500
3/13/14	0.0050 U	0.0050 U	0.4400	0.0050 U	0.0050 U	29.00	0.0436	0.0378	0.0950	45.9000	0.01720	31.900
9/8/14	0.0050 U	0.0050 U	0.4760	0.0050 U	0.0050 U	26.80	0.0342	0.0335	0.0753	44.0000	0.02150	28.600
3/18/15	0.0020 U	0.0020 U	0.1800	0.0020 U	0.0040 U	23.00	0.0050 J	0.0085 J	0.0050 J	2.0000	0.00200 U	17.000
9/1/15	0.0010 U	0.0015	0.3400	0.0017	0.0005 U	28.00	0.0410	0.0220	0.0480	29.0000	0.01000	26.000
3/16/16	0.0020 U	0.0020 U	0.1930	0.0020 U	0.0020 U	24.40	0.0020 U	0.0076	0.0020 U	0.2590	0.00200 U	17.700
8/29/16	0.0020 U	0.0020 U	0.1970	0.0020 U	0.0020 U	24.10	0.0020 U	0.0090	0.0031	1.2600	0.00200 U	17.300
3/7/17	0.0050 U	0.0050 U	0.2050	0.0050 U	0.0050 U	28.10	0.0050 U	0.0085	0.0067	0.8710	0.00500 U	19.600
9/18/17	0.0050 U	0.0050 U	0.2300	0.0050 U	0.0050 U	25.70	0.0050 U	0.0094	0.0125	3.9600	0.00500 U	18.700
3/28/18	0.0050 U	0.0050 U	0.1800	0.0050 U	0.0050 U	26.50	0.0050 U	0.0079	0.0118	0.2000 U	0.00500 U	18.000
10/10/18	0.0050 U	0.0050 U	0.1400	0.0050 U	0.0050 U	21.00	0.0050 U	0.0144	0.0050 U	1.0600	0.00500 U	15.700
4/9/19	0.0010 U	0.0010 U	0.1020	0.0010 U	0.0010 U	17.10	0.0015	0.0182	0.0019	2.3600	0.00100 U	14.800
8/6/19	0.0010 U	0.0010 U	0.1360	0.0010 U	0.0010 U	16.60	0.0012	0.0188	0.0027 B	0.5400	0.00113	14.800
3/9/20	0.0010 U	0.0010 U	0.1650	0.0010 U	0.0010 U	20.10	0.0040	0.0174	0.0026	0.7200	0.00100 U	20.000
7/27/20	0.0010 U	0.0010 U	0.1770	0.0010 U	0.0010 U	20.90	0.0032	0.0172	0.0037	0.9130	0.00100 U	19.000
3/22/21	0.0010 U	0.0010 U	0.1550	0.0010 U	0.0010 U	20.00	0.0014	0.0134	0.0062 B	1.2900	0.00100 U	18.700

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-13A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
8/30/21	0.0010 U	0.0010 U	0.2190	0.0010 U	0.0010 U	25.90	0.0044	0.0176	0.0056	2.1900	0.00113	22.500
4/4/22	0.0010 U	0.0010 U	0.1920	0.0010 U	0.0010 U	28.30	0.0010 U	0.0154	0.0031	0.7010	0.00100 U	21.700

Gude Landfill
Monitoring Location MW-13A - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002			
7/30/10	--	0.000200	0.0230	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.05400	0.07000
9/15/10	0.87600	0.000320	0.0345	8.650	0.00500 U	0.0050 U	17.60	0.0050 U	--	0.06260	0.09020
4/25/11	0.30200	0.000260	0.0100	3.030	0.00500 U	0.0050 U	16.10 J	0.0050 U	--	0.00990	0.01940
9/20/11	0.37600	0.000620	--	2.720	0.00500 U	0.0050 U	15.50	0.0050 U	--	0.00944	0.02240
3/13/12	1.88000	0.002570	0.0083	22.600	0.00500 U	0.0050 U	15.10	0.0050 U	--	0.23800	0.23100
9/17/12	0.54000	0.000389	0.0098	6.150	0.00500 U	0.0050 U	14.90	0.0050 U	--	0.04610	0.05850
3/28/13	0.33300	0.000329	0.0079	4.750	0.00500 U	0.0050 U	16.50	0.0050 U	--	0.01970	0.03300
9/18/13	1.03000	0.000746	0.0083	11.300	0.00500 U	0.0050 U	12.50	0.0050 U	--	0.11300	0.12600
3/13/14	0.95400	0.001416	0.0462	12.200	0.00500 U	0.0050 U	14.30	0.0050 U	--	0.09790	0.13400
9/8/14	1.30000	0.001979	0.0359	11.600	0.00500 U	0.0050 U	13.30	0.0050 U	--	0.09030	0.10800
3/18/15	0.27000	0.000200 U	0.0110 U	2.300	0.03500 U	0.0100 U	13.00	0.0020 U	--	0.00500 J	0.01700
9/1/15	0.32000	0.003100	0.0110	8.700	0.00500 U	0.0010 U	14.00	0.0010 U	--	0.07800	0.08900
3/16/16	0.26400	0.000200 U	0.0076	1.940	0.00200 U	0.0020 U	13.20	0.0010 U	--	0.00200 U	0.01220
8/29/16	0.30700	0.000200 U	0.0077	2.380	0.00200 U	0.0020 U	13.30	0.0010 U	--	0.00258	0.01240
3/7/17	0.28300	0.000200 U	0.0103	2.320	0.00500 U	0.0050 U	14.80	0.0050 U	--	0.00500 U	0.01580
9/18/17	0.34900	0.000315	0.0105	3.070	0.00500 U	0.0050 U	13.50	0.0050 U	--	0.00940	0.03610
3/28/18	0.28300	0.000200 U	0.0088	2.070	0.00500 U	0.0050 U	13.60	0.0050 U	--	0.00500 U	0.03350
10/10/18	0.59100	0.000200 U	0.0115	2.510	0.00500 U	0.0050 U	11.40	0.0050 U	--	0.00500 U	0.01860
4/9/19	0.79600	0.000100 U	0.0104	3.060	0.00100 U	0.0010 U	10.70	0.0010 U	--	0.00172	0.01520 B
8/6/19	0.80100	0.000100 U	0.0074	2.670	0.00100 U	0.0010 U	12.00	0.0010 U	--	0.00100 U	0.01930 B
3/9/20	0.69500	0.000100 U	0.0116	2.520	0.00100 U	0.0010 U	14.30	0.0010 U	--	0.00135	0.01660
7/27/20	0.60300	0.000107	0.0107	2.590	0.00100 U	0.0010 U	14.40	0.0010 U	--	0.00196	0.01320
3/22/21	0.48900	0.000173	0.0092	2.160	0.00100 U	0.0010 U	12.30	0.0010 U	--	0.00287	0.02870

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-13A - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
8/30/21	0.60300	0.000226	0.0125	2.970	0.00100 U	0.0010 U	15.90	0.0010 U	--	0.00564	0.02000
4/4/22	0.55800	0.000183	0.0109	2.260	0.00100 U	0.0010 U	14.50	0.0010 U	--	0.00100 U	0.01730

Gude Landfill

Printed 5/25/22

Monitoring Location MW-13A - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75
7/30/10	1.00 U	1.00 U	1.00 U	1.00 U	23.00	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	2.00	6.00	1.00 U	5.00
9/15/10	2.00 U	2.00 U	2.00 U	2.00 U	17.90	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.86 J	4.80	2.00 U	3.54
4/25/11	1.00 U	1.00 U	1.00 U	1.00 U	25.00	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.60	--	1.00 U
9/20/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.40	--	1.00 U
3/13/12	1.00 U	1.00 U	1.00 U	1.00 U	16.00	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.40	--	5.90
9/17/12	1.00 U	1.00 U	1.00 U	1.00 U	15.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.64	1.00 U	5.12
3/28/13	1.00 U	1.00 U	1.00 U	1.00 U	19.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.35	6.94	1.00 U	5.77
9/18/13	1.00 U	1.00 U	1.00 U	1.00 U	19.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.74	3.08	1.00 U	6.46
3/13/14	1.00 U	1.00 U	1.00 U	1.00 U	15.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	2.06	6.00	1.00 U	6.13
9/8/14	1.00 U	1.00 U	1.00 U	1.00 U	13.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.22	1.00 U	5.20
3/18/15	1.00 U	1.00 U	1.00 U	1.00 U	16.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.23	6.06	1.00 U	5.25
9/1/15	1.00 U	1.00 U	1.00 U	1.00 U	13.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.06	5.41	1.00 U	3.68
3/16/16	1.00 U	1.00 U	1.00 U	1.00 U	15.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.19	6.43	1.00 U	5.69
8/29/16	1.00 U	1.00 U	1.00 U	1.00 U	13.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.95	5.56	1.00 U	5.19
3/7/17	1.00 U	1.00 U	1.00 U	1.00 U	14.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.05	6.14	1.00 U	6.20
9/18/17	1.00 U	1.00 U	1.00 U	1.00 U	12.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.89	5.28	1.00 U	4.80
3/28/18	1.00 U	1.00 U	1.00 U	1.00 U	11.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.96	5.26	1.00 U	4.40
10/10/18	1.00 U	1.00 U	1.00 U	1.00 U	8.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.46	3.76	1.00 U	3.22
4/9/19	1.00 U	1.00 U	1.00 U	1.00 U	7.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	3.30	1.00 U	2.60
8/6/19	1.00 U	1.00 U	1.00 U	1.00 U	8.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.50	4.30	1.00 U	3.20

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill

Printed 5/25/22

Monitoring Location MW-13A - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
3/9/20	1.00 U	1.00 U	1.00 U	1.00 U	8.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	3.60	1.00 U	2.40
7/27/20	1.00 U	1.00 U	1.00 U	1.00 U	8.50	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.40	3.80	1.00 U	2.10
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	6.30	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	2.50	1.00 U	2.20
8/30/21	1.00 U	1.00 U	1.00 U	1.00 U	7.70	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.10	2.90	1.00 U	1.00 U
4/4/22	1.00 U	1.00 U	1.00 U	1.00 U	7.80	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	2.90	1.00 U	2.60

Gude Landfill
Monitoring Location MW-13A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
7/30/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	3.00	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00	1.00 U	1.00 U
9/15/10	2.00 U	2.00 U	2.00 U	0.72 J	2.00 U	3.31	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	1.01 J	0.97 J	2.00 U
4/25/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U	1.00 U
9/17/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.24	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.64	1.00 U	1.00 U
9/18/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.57	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 J	1.00 U	1.00 U
3/13/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.64	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.81	1.00 U	1.00 U
9/8/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.28	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.66	1.00 U	1.00 U
3/18/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.27	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.57	1.00 U	1.00 U
9/1/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.71	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.28	1.00 U	1.17
3/16/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.09	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.58	1.00 U	1.57
8/29/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.88	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.46	1.00 U	1.37
3/7/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.03	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.70	1.00 U	1.50
9/18/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.66	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.49	1.00 U	1.28
3/28/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.70	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.41	1.00 U	1.33
10/10/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.21	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.01	1.00 U	1.00 U
4/9/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10

Gude Landfill
Monitoring Location MW-13A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
3/9/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.00
7/27/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	7.50
3/22/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00
8/30/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.20
4/4/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.50

Gude Landfill
Monitoring Location MW-13A - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)
MCL/ GWPS		70		80	700	10000				5	10000	100	5	1000
7/30/10	1.00 U	100.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	10.00	1.00 U	1.00 U	35.00	1.00 U
9/15/10	0.96 J	76.70	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	0.61 J	2.00 U	8.07	2.00 U	2.00 U	22.20	2.00 U
4/25/11	6.40	96.00	1.00 U	1.00 U	1.00 U	--	1.00 U	3.10	1.00 U	10.00	--	1.00 U	17.00	1.00 U
9/20/11	3.70	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	9.20	--	1.00 U	25.00	1.00 U
3/13/12	1.00 U	97.00	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	3.20	--	1.00 U	28.00	1.00 U
9/17/12	1.00 U	79.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	6.02	1.00 U	1.00 U	25.70	1.00 U
3/28/13	1.00 U	105.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	6.49	1.00 U	1.00 U	27.80	1.00 U
9/18/13	1.00 U	120.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	4.04	1.00 U	1.00 U	24.20	1.00 U
3/13/14	1.00 U	94.20	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	4.88	1.00 U	1.00 U	21.70	1.00 U
9/8/14	1.00 U	81.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	3.59	1.00 U	1.00 U	18.00	1.00 U
3/18/15	1.00 U	95.90	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	4.36	1.00 U	1.00 U	17.20	1.00 U
9/1/15	1.00 U	81.50	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	3.63	1.00 U	1.00 U	11.90	1.00 U
3/16/16	1.00 U	95.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	3.95	1.00 U	1.00 U	18.80	1.00 U
8/29/16	1.00 U	86.70	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	3.48	1.00 U	1.00 U	15.30	1.00 U
3/7/17	1.00 U	92.40	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	3.73	1.00 U	1.00 U	17.30	1.00 U
9/18/17	1.00 U	80.70	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	3.31	1.00 U	1.00 U	13.10	1.00 U
3/28/18	1.00 U	74.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	3.05	1.00 U	1.00 U	12.10	1.00 U
10/10/18	1.00 U	49.90	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	2.03	1.00 U	1.00 U	8.30	1.00 U
4/9/19	1.00 U	46.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.90	1.00 U	1.00 U	7.10	1.00 U
8/6/19	1.00 U	59.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.70 J	1.00 U	1.00 U	8.40	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-13A - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)
3/9/20	1.00 U	51.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 B	1.00 U	1.00 U	7.20	1.00 U
7/27/20	1.00 U	55.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.80	1.00 U	1.00 U	8.10	1.00 U
3/22/21	1.00 U	35.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U	6.00	1.00 U
8/30/21	1.00 U	42.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.80	1.00 U	1.00 U	6.60	1.00 U
4/4/22	1.00 U	42.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.80	1.00 U	1.00 U	6.30	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-13A - Volatile Organic Compounds

	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS	100			5			2	10000
7/30/10	4.00	1.00 U	5.00 U	33.00	1.00 U	1.00 U	8.00	--
9/15/10	3.26	2.00 U	2.00 U	26.90	1.50 U	2.00 U	11.10	--
4/25/11	7.30	1.00 U	5.00 U	23.00	3.80	1.00 U	14.00	1.00 U
9/20/11	6.20	1.00 U	5.00 U	28.00	4.60	1.00 U	18.00	1.00 U
3/13/12	3.50	1.00 U	5.00 U	32.00	1.00 U	1.00 U	8.60	1.00 U
9/17/12	1.00 U	1.00 U	5.00 U	30.20	1.00 U	5.00 U	8.58	--
3/28/13	4.00	1.00 U	5.00 U	33.90	1.00 U	5.00 U	10.10	--
9/18/13	4.76	1.00 U	5.00 U	37.10	1.00 U	5.00 U	9.83	--
3/13/14	3.31	1.00 U	5.00 U	28.30	1.00 U	5.00 U	8.14	--
9/8/14	3.14	1.00 U	5.00 U	28.90	1.00 U	5.00 U	6.74	--
3/18/15	3.63	1.00 U	5.00 U	25.10	1.00 U	5.00 U	7.91	--
9/1/15	2.57	1.00 U	5.00 U	21.80	1.00 U	5.00 U	6.00	--
3/16/16	3.38	1.00 U	5.00 U	27.00	1.00 U	5.00 U	7.67	--
8/29/16	2.95	1.00 U	5.00 U	22.80	1.00 U	5.00 U	6.66	--
3/7/17	3.28	1.00 U	5.00 U	25.40	1.00 U	5.00 U	7.27	--
9/18/17	2.74	1.00 U	5.00 U	18.70	1.00 U	5.00 U	5.78	--
3/28/18	2.61	1.00 U	5.00 U	19.50	1.00 U	5.00 U	5.42	--
10/10/18	1.87	1.00 U	5.00 U	13.20	1.00 U	5.00 U	4.18	--
4/9/19	1.60	1.00 U	1.00 U	11.70	1.00 U	1.00 U	3.80	--
8/6/19	1.80	1.00 U	1.00 U	14.10	1.00 U	1.00 U	3.90	--

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill

Printed 5/25/22

Monitoring Location MW-13A - Volatile Organic Compounds

	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
3/9/20	1.60	1.00 U	1.00 U	10.90	1.00 U	1.00 U	2.30	--
7/27/20	1.50	1.00 U	1.00 U	11.90	1.00 U	1.00 U	2.30	--
3/22/21	1.10	1.00 U	1.00 U	7.80	1.00 U	1.00 U	2.20	--
8/30/21	1.60	1.00 U	1.00 U	8.80	1.00 U	1.00 U	2.70	--
4/4/22	1.50	1.00 U	1.00 U	8.60	1.00 U	1.00 U	2.40	--

Gude Landfill
Monitoring Location MW-13B - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/25/11	0.005 U	0.005 U	0.072	0.005 U	0.005 U	84.3	0.01 U	0.01 U	0.005 U	0.6	0.005 U	29.0	0.031	0.0002 U
9/20/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/13/12	0.005 U	0.005 U	0.077	0.005 U	0.005 U	77.0	0.01 U	0.01 U	0.005 U	0.4	0.005 U	27.4	0.037	0.0002 U
9/17/12	0.005 U	0.005 U	0.078	0.005 U	0.005 U	87.0	0.01 U	0.01 U	0.005 U	0.3	0.005 U	29.8	0.040	0.0003
3/28/13	0.005 U	0.005 U	0.074	0.005 U	0.005 U	81.9	0.01 U	0.01 U	0.010	0.5	0.005 U	26.4	0.032	0.0002 U
9/18/13	0.005 U	0.005 U	0.076	0.005 U	0.005 U	83.4	0.01 U	0.01 U	0.005 U	0.4	0.005 U	28.9	0.033	0.0002
3/13/14	0.005 U	0.005 U	0.079	0.005 U	0.005 U	89.4	0.01 U	0.01 U	0.005 U	0.5	0.005 U	30.7	0.036	0.0002 U
9/8/14	0.005 U	0.005 U	0.080	0.005 U	0.005 U	82.5	0.01 U	0.01 U	0.005 U	0.5	0.005 U	28.9	0.037	0.0002 U
3/18/15	0.002 U	0.002 U	0.070	0.002 U	0.004 U	87.0	0.01 U	0.01 U	0.010 U	0.0 U	0.002 U	29.0	0.025	0.0002 U
9/1/15	0.001 U	0.001	0.069	0.001 U	0.001 U	89.0	0.01 U	0.01 U	0.005 U	0.0 U	0.001 U	29.0	0.032	0.0002 U
3/16/16	0.002 U	0.002 U	0.077	0.002 U	0.002 U	84.4	0.00 U	0.00 U	0.002 U	0.5	0.002 U	29.2	0.036	0.0002 U
8/29/16	0.002 U	0.002 U	0.076	0.002 U	0.002 U	85.3	0.00 U	0.00 U	0.002 U	0.5	0.002 U	31.1	0.036	0.0002 U
3/7/17	0.002 U	0.002 U	0.073	0.002 U	0.002 U	87.1	0.01	0.00 U	0.002 U	0.4	0.002 U	30.4	0.034	0.0002 U
9/18/17	0.002 U	0.002 U	0.072	0.002 U	0.002 U	82.5	0.00 U	0.00 U	0.002 U	0.4	0.002 U	29.4	0.037	0.0002 U
3/28/18	0.002 U	0.002 U	0.070	0.002 U	0.002 U	85.7	0.01	0.00 U	0.002 U	0.2 U	0.002 U	27.0	0.032	0.0002 U
10/10/18	0.002 U	0.002 U	0.074	0.002 U	0.002 U	89.3	0.01	0.00 U	0.002 U	0.1 U	0.002 U	31.6	0.035	0.0002 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-13B - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/25/11	0.01 U	3.1	0.005 U	0.01 U	17.7	0.005 U	0.01 U	0.005 U
9/20/11	0.01 U	--	--	--	--	--	--	--
3/13/12	0.01	3.6	0.005 U	0.01 U	16.2	0.005 U	0.01 U	0.005 U
9/17/12	0.01	3.7	0.005 U	0.01 U	17.4	0.005 U	0.01 U	0.008
3/28/13	0.01 U	4.9	0.005 U	0.01 U	19.0	0.005 U	0.01 U	0.005 U
9/18/13	0.01	3.7	0.005 U	0.01 U	16.3	0.005 U	0.01 U	0.007
3/13/14	0.01	3.8	0.005 U	0.01 U	17.9	0.005 U	0.01 U	0.006
9/8/14	0.01 U	3.6	0.005 U	0.01 U	17.9	0.005 U	0.01 U	0.008
3/18/15	0.01 U	3.4	0.035 U	0.01 U	17.0	0.002 U	0.01 U	0.010 U
9/1/15	0.01 U	3.7	0.005 U	0.00 U	18.0	0.001 U	0.01 U	0.005 U
3/16/16	0.00	3.3	0.002 U	0.00 U	17.5	0.001 U	0.00 U	0.002 U
8/29/16	0.00	3.5	0.002 U	0.00 U	18.8	0.001 U	0.00 U	0.002 U
3/7/17	0.00	3.4	0.003	0.00 U	18.3	0.001 U	0.00 U	0.002 U
9/18/17	0.00	3.3	0.002 U	0.00 U	17.5	0.001 U	0.00 U	0.002 U
3/28/18	0.00	3.1	0.003	0.00 U	16.5	0.001 U	0.00	0.002
10/10/18	0.00	3.6	0.003	0.00 U	18.9	0.001 U	0.00	0.002 U

Gude Landfill
Monitoring Location MW-13B - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS					0.2			10		1				
7/30/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/15/10	230.0	0.20 U	6.2 J	84.6000	--	--	360.0	1.4670	1.47	0.05 U	--	--	--	--
4/25/11	720.0	0.20 U	9.6	84.7000	--	--	313.0	1.6200	1.63	0.05 U	--	--	--	--
9/20/11	226.0	0.20 U	3.4	85.5000	--	--	67.0	1.6000	1.61	0.05 U	--	--	--	--
3/13/12	742.0	0.20 U	12.1	89.5000	--	--	334.0	1.8800	1.89	0.05 U	--	--	--	--
9/17/12	226.0	0.20 U	10.0 U	86.4000	--	--	316.0	2.0800	2.13	0.05 U	--	--	--	--
3/28/13	224.0	0.20 U	10.0 U	91.0000	--	0.02	314.0	2.2700	2.32	0.05 U	429.0	6.20	--	781.0
9/18/13	221.0	0.20 U	10.0 U	89.4000	--	0.02	328.0	2.4400	2.45	0.05 U	593.0	6.07	--	673.7
3/13/14	218.0	0.20 U	10.0 U	92.4000	--	0.01	340.0	2.7000	--	--	369.0	6.15	--	676.3
9/8/14	221.0	0.20 U	10.0 U	97.1000	--	2.16	342.0	2.9100	2.92	0.05 U	364.0	6.28	--	716.8
3/18/15	212.0	0.20 U	10.0 U	99.8000	--	0.00	368.0	3.3100	3.32	0.05 U	310.0	6.70	--	615.2
9/1/15	216.0	0.20 U	10.0 U	99.2000	--	1.63	344.0	3.4600	3.47	0.05 U	345.0	6.10	--	710.0
3/16/16	209.0	0.20 U	10.0 U	97.9000	--	0.00	324.0	3.6800	3.73	0.05 U	374.0	6.14	--	700.0
8/29/16	214.0	0.20 U	10.0 U	98.5000	--	--	340.0	3.7400	3.75	0.05 U	339.0	5.90	--	708.7
3/7/17	217.0	0.20 U	11.8	105.0000	--	--	340.0	4.0100	4.02	0.05 U	405.0	5.95	--	676.4
9/18/17	210.0	0.20 U	10.0 U	92.6000	--	--	344.0	4.2400	4.25	0.05 U	396.0	6.09	--	674.1
3/28/18	209.0	0.20 U	12.4	107.0000	--	--	350.0	3.9500	4.00	0.05 U	208.0	6.19	--	671.0
10/10/18	205.0	0.20 U	10.0 U	111.0000	--	--	358.0	4.2000	4.21	0.05 U	211.0	5.86	--	670.1
4/9/19	209.0	0.10 U	7.0	115.0000	--	0.03	318.0 B	0.2000 U	--	--	127.1	5.96	6.23	949.0

Gude Landfill
Monitoring Location MW-13B - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
8/6/19	207.0	0.12	4.3	116.0000	--	0.16	319.0	5.6000	--	--	201.6	5.72	6.33	0.8
3/9/20	204.0	0.10 U	10.6	98.4000	--	0.57	355.0	5.8800	--	--	230.8	5.99	6.10	639.0
7/27/20	189.0	0.10 U	7.1	99.0000	--	0.56	305.0	4.5700	--	--	199.3	5.85	6.11	639.0
3/22/21	194.0	0.10 U	3.0 U	108.0000	--	0.21	299.0	4.9800	--	--	203.6	5.98	6.13	735.0
8/30/21	222.0	0.05 U	20.8	113.0000	--	6.67	333.0	5.3300	--	--	278.7	6.02	6.16	720.0
4/4/22	208.0	0.02 J	7.0	107.0000	--	0.98	354.0	5.0400	--	--	143.8	5.99	6.18	688.0

Gude Landfill

Monitoring Location MW-13B - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS								
7/30/10	--	--	3.0 U	--	--	--	--	--
9/15/10	--	6.18	--	--	540.0	--	0.232	--
4/25/11	--	4.00 U	--	--	572.0	--	0.364	--
9/20/11	--	6.71	--	--	640.0	--	--	--
3/13/12	--	7.55	--	--	560.0	--	--	--
9/17/12	--	7.58	--	--	480.0	--	--	--
3/28/13	--	7.33	--	12.7	474.0	--	--	0.00
9/18/13	--	8.33	--	13.0	502.0	--	--	0.00
3/13/14	--	9.35	--	12.5	458.0	--	--	0.69
9/8/14	--	10.50	--	13.4	454.0	--	--	0.00
3/18/15	--	11.40	--	12.0	472.0	--	--	0.70
9/1/15	--	10.20	--	14.8	412.0	--	--	0.47
3/16/16	--	12.50	--	13.3	464.0	--	--	0.00
8/29/16	--	12.60	--	13.7	508.0	--	--	0.00
3/7/17	--	13.50	--	13.1	429.0	--	--	0.00
9/18/17	--	12.90	--	13.0	456.0	--	--	0.00
3/28/18	--	14.90	--	12.1	506.0	--	--	0.00
10/10/18	--	--	--	13.4	506.0	--	--	0.00
4/9/19	799.0	15.70	--	13.5	545.0	4.9	0.692	2.30

Gude Landfill

Monitoring Location MW-13B - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
8/6/19	790.0	15.80	--	13.9	504.0	2.3 U	0.500 U	0.00
3/9/20	757.0	16.40	--	11.9	456.0	4.8 U	0.500 U	11.50
7/27/20	772.0	14.90	--	15.0	481.0	2.3 U	0.500 U	2.60
3/22/21	800.0	20.00	--	11.9	496.0	2.3 U	0.500 U	0.00
8/30/21	814.0	23.20	--	15.0	504.0	4.4	0.892	2.70
4/4/22	826.1	21.00	--	12.1	475.0	3.6	0.751	3.50

Gude Landfill
Monitoring Location MW-13B - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
7/30/10	0.0010 U	0.0007 J	0.0570	0.0010 U	0.0010 U	--	0.0010 U	0.0010 U	0.0008 J	--	0.00100 U	--
9/15/10	0.0050 U	0.0050 U	0.0676	0.0050 U	0.0050 U	82.70	0.0050 U	0.0050 U	0.0063	0.5710	0.00500 U	27.600
4/25/11	0.0050 U	0.0050 U	0.0730	0.0050 U	0.0050 U	80.50	0.0050 U	0.0050 U	0.0050 U	0.5000 U	0.00500 U	31.400 J
9/20/11	0.0050 U	0.0050 U	0.0706	0.0050 U	0.0050 U	83.40	0.0050 U	0.0050 U	0.0050 U	0.5000 U	0.00500 U	31.200
3/13/12	0.0050 U	0.0050 U	0.0746	0.0050 U	0.0050 U	91.20	0.0050 U	0.0050 U	0.0050 U	0.4980	0.00500 U	32.200
9/17/12	0.0050 U	0.0050 U	0.0676	0.0050 U	0.0050 U	81.40	0.0050 U	0.0050 U	0.0050 U	0.4470	0.00500 U	26.900
3/28/13	0.0050 U	0.0050 U	0.0748	0.0050 U	0.0050 U	83.00	0.0050 U	0.0050 U	0.0100	0.5370	0.00500 U	28.100
9/18/13	0.0050 U	0.0050 U	0.0754	0.0050 U	0.0050 U	86.20	0.0050 U	0.0050 U	0.0050 U	0.4110	0.00500 U	30.400
3/13/14	0.0050 U	0.0050 U	0.0794	0.0050 U	0.0050 U	90.00	0.0050 U	0.0050 U	0.0050 U	0.4580	0.00500 U	30.200
9/8/14	0.0050 U	0.0050 U	0.0814	0.0050 U	0.0050 U	85.20	0.0050 U	0.0050 U	0.0050 U	0.4980	0.00500 U	28.700
3/18/15	0.0020 U	0.0020 U	0.0700	0.0020 U	0.0040 U	86.00	0.0100 U	0.0100 U	0.0012 J	0.0050 U	0.00200 U	29.000
9/1/15	0.0010 U	0.0010 U	0.0730	0.0010 U	0.0005 U	89.00	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.00100 U	29.000
3/16/16	0.0020 U	0.0020 U	0.0770	0.0020 U	0.0020 U	84.90	0.0020 U	0.0020 U	0.0020 U	0.4780	0.00200 U	29.200
8/29/16	0.0020 U	0.0020 U	0.0745	0.0020 U	0.0020 U	83.70	0.0020 U	0.0020 U	0.0020 U	0.4560	0.00200 U	30.100
3/7/17	0.0020 U	0.0020 U	0.0734	0.0020 U	0.0020 U	83.50	0.0029	0.0020 U	0.0020 U	0.4190	0.00200 U	28.900
9/18/17	0.0020 U	0.0020 U	0.0732	0.0020 U	0.0020 U	81.70	0.0020 U	0.0020 U	0.0020 U	0.4230	0.00200 U	28.300
3/28/18	0.0020 U	0.0020 U	0.0700	0.0020 U	0.0020 U	84.60	0.0068	0.0020 U	0.0020 U	0.2000 U	0.00200 U	27.800
10/10/18	0.0020 U	0.0020 U	0.0746	0.0020 U	0.0020 U	88.10	0.0046	0.0020 U	0.0020 U	0.0500 U	0.00200 U	33.400
4/9/19	0.0010 U	0.0010 U	0.0738	0.0010 U	0.0010 U	76.90	0.0013	0.0010 U	0.0037	0.1570	0.00100 U	30.600
8/6/19	0.0010 U	0.0010 U	0.0723	0.0010 U	0.0010 U	74.40	0.0012	0.0010 U	0.0010 U	0.1000 U	0.00100 U	32.200
3/9/20	0.0010 U	0.0010 U	0.0739	0.0010 U	0.0010 U	81.00	0.0010 U	0.0010 U	0.0010 U	0.0155 J	0.00100 U	37.100
7/27/20	0.0010 U	0.0010 U	0.0695	0.0010 U	0.0010 U	69.90	0.0010 U	0.0010 U	0.0010 U	0.0109 J	0.00100 U	31.700
3/22/21	0.0010 U	0.0010 U	0.0665	0.0010 U	0.0010 U	70.60	0.0010 U	0.0010 U	0.0024 B	0.0139 J	0.00100 U	29.800

Gude Landfill
Monitoring Location MW-13B - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
8/30/21	0.0010 U	0.0010 U	0.0727	0.0010 U	0.0010 U	80.40	0.0010 U	0.0010 U	0.0012	0.1040	0.00100 U	32.100
4/4/22	0.0010 U	0.0010 U	0.0715	0.0010 U	0.0010 U	90.20	0.0012	0.0010 U	0.0021	0.0787 J	0.00100 U	31.300

Gude Landfill
Monitoring Location MW-13B - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002			
7/30/10	--	0.000200	0.0022	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U	0.01400
9/15/10	0.03060	0.000200	0.0050 U	3.300	0.00500 U	0.0050 U	19.90	0.0050 U	--	0.00500 U	0.00500 U
4/25/11	0.03230	0.000200 U	0.0050 U	4.070	0.00500 U	0.0050 U	18.20 J	0.0050 U	--	0.00500 U	0.00500 U
9/20/11	0.03240	0.000200 U	--	3.530	0.00500 U	0.0050 U	17.90	0.0050 U	--	0.00500 U	0.00500 U
3/13/12	0.03820	0.000200 U	0.0053	3.500	0.00500 U	0.0050 U	18.90	0.0050 U	--	0.00500 U	0.00501
9/17/12	0.04030	0.000287	0.0070	3.670	0.00500 U	0.0050 U	15.90	0.0050 U	--	0.00500 U	0.00618
3/28/13	0.03310	0.000201	0.0050 U	4.710	0.00500 U	0.0050 U	19.90	0.0050 U	--	0.00500 U	0.00500 U
9/18/13	0.03710	0.000269	0.0050 U	3.350	0.00500 U	0.0050 U	16.40	0.0050 U	--	0.00500 U	0.00659
3/13/14	0.03420	0.000223	0.0051	3.660	0.00500 U	0.0050 U	17.70	0.0050 U	--	0.00500 U	0.00636
9/8/14	0.03610	0.000238	0.0050 U	3.450	0.00500 U	0.0050 U	17.70	0.0050 U	--	0.00500 U	0.00537
3/18/15	0.02600	0.000210	0.0110 U	3.400	0.03500 U	0.0100 U	17.00	0.0020 U	--	0.01000 U	0.01000 U
9/1/15	0.03000	0.000200 U	0.0100 U	3.800	0.00500 U	0.0010 U	19.00	0.0010 U	--	0.00500 U	0.00500 U
3/16/16	0.03600	0.000200 U	0.0028	3.260	0.00200 U	0.0020 U	17.60	0.0010 U	--	0.00200 U	0.00200 U
8/29/16	0.03530	0.000200 U	0.0025	3.340	0.00200 U	0.0020 U	18.20	0.0010 U	--	0.00200 U	0.00200 U
3/7/17	0.03520	0.000200 U	0.0045	3.250	0.00245	0.0020 U	17.40	0.0010 U	--	0.00200 U	0.00200 U
9/18/17	0.03700	0.000200 U	0.0021	3.260	0.00200 U	0.0020 U	16.90	0.0010 U	--	0.00200 U	0.00200 U
3/28/18	0.03260	0.000200 U	0.0042	3.240	0.00292	0.0020 U	17.20	0.0010 U	--	0.00261	0.00200 U
10/10/18	0.03410	0.000200 U	0.0052	3.790	0.00256	0.0020 U	20.20	0.0010 U	--	0.00200 U	0.00200 U
4/9/19	0.04300	0.000372	0.0028	3.590	0.00100 U	0.0010 U	19.50	0.0010 U	--	0.00104	0.00400 U
8/6/19	0.03960	0.000299	0.0014	3.470	0.00100 U	0.0010 U	20.30	0.0010 U	--	0.00100 U	0.00495 B
3/9/20	0.03690	0.000217	0.0020	3.510	0.00100 U	0.0010 U	20.40	0.0010 U	--	0.00100 U	0.00400 U
7/27/20	0.02880	0.000232	0.0023	3.450	0.00100 U	0.0010 U	19.10	0.0010 U	--	0.00100 U	0.00400 U
3/22/21	0.03350	0.000259	0.0021	3.300	0.00100 U	0.0010 U	18.50	0.0010 U	--	0.00100 U	0.00438

Gude Landfill
Monitoring Location MW-13B - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
8/30/21	0.03890	0.000238	0.0023	3.650	0.00100 U	0.0010 U	20.20	0.0010 U	--	0.00113	0.00400 U
4/4/22	0.04400	0.000217	0.0036	3.590	0.00100 U	0.0010 U	20.10	0.0010 U	--	0.00100 U	0.00812

Gude Landfill
Monitoring Location MW-13B - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75
7/30/10	1.00 U	1.00 U	1.00 U	1.00 U	23.00	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00	3.00	9.00	1.00 U	12.00
9/15/10	2.00 U	2.00 U	2.00 U	2.00 U	17.80	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.54 J	3.11	6.54	2.00 U	8.86
4/25/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/20/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	4.60	7.40	--	1.00 U
3/13/12	1.00 U	1.00 U	1.00 U	1.00 U	15.00	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00	1.00 U	7.50	--	11.00
9/17/12	1.00 U	1.00 U	1.00 U	1.00 U	13.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	7.73	1.00 U	9.67
3/28/13	1.00 U	1.00 U	1.00 U	1.00 U	17.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.87	8.01	1.00 U	10.20
9/18/13	1.00 U	1.00 U	1.00 U	1.00 U	16.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.09	2.52	7.87	1.00 U	11.50
3/13/14	1.00 U	1.00 U	1.00 U	1.00 U	13.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	2.50	6.96	1.00 U	9.56
9/8/14	1.00 U	1.00 U	1.00 U	1.00 U	14.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.64	5.44	1.00 U	8.49
3/18/15	1.00 U	1.00 U	1.00 U	1.00 U	12.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.35	6.23	1.00 U	8.23
9/1/15	1.00 U	1.00 U	1.00 U	1.00 U	12.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.19	6.03	1.00 U	7.91
3/16/16	1.00 U	1.00 U	1.00 U	1.00 U	13.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.32	6.58	1.00 U	8.87
8/29/16	1.00 U	1.00 U	1.00 U	1.00 U	10.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.94	5.53	1.00 U	7.86
3/7/17	1.00 U	1.00 U	1.00 U	1.00 U	10.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.97	5.82	1.00 U	8.95
9/18/17	1.00 U	1.00 U	1.00 U	1.00 U	7.38	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.70	7.97	1.00 U	8.09
3/28/18	1.00 U	1.00 U	1.00 U	1.00 U	9.75	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.02	5.65	1.00 U	8.06
10/10/18	1.00 U	1.00 U	1.00 U	1.00 U	9.02	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.84	4.93	1.00 U	7.20
4/9/19	1.00 U	1.00 U	1.00 U	1.00 U	9.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.70	5.30	1.00 U	6.10
8/6/19	1.00 U	1.00 U	1.00 U	1.00 U	9.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	4.60	1.00 U	6.40

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-13B - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
3/9/20	1.00 U	1.00 U	1.00 U	1.00 U	8.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	5.20	1.00 U	6.60
7/27/20	1.00 U	1.00 U	1.00 U	1.00 U	8.20	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.60	4.90	1.00 U	6.30
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	6.60	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.10	3.40	1.00 U	6.10
8/30/21	1.00 U	1.00 U	1.00 U	1.00 U	6.80	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.10	3.70	1.00 U	5.60
4/4/22	1.00 U	1.00 U	1.00 U	1.00 U	7.20	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.10	3.80	1.00 U	5.70

Gude Landfill
Monitoring Location MW-13B - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
7/30/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	6.00	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	2.00	1.00 U	1.00 U
9/15/10	2.00 U	2.00 U	2.00 U	0.87 J	2.00 U	5.56	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	1.63 J	1.14 J	2.00 U
4/25/11	5.00 U	5.00 U	5.00 U	35.00	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	6.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.20	1.00 U	1.00 U
9/17/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.56	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.03	1.00 U	1.00 U
9/18/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.17	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.29	1.00 U	1.00 U
3/13/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.61	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.98	1.00 U	1.00 U
9/8/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.28	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.67	1.00 U	1.00 U
3/18/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.18	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.81	1.00 U	1.00 U
9/1/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.96	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.75	1.00 U	1.00 U
3/16/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.11	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.92	1.00 U	1.00 U
8/29/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.58	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.62	1.00 U	1.00 U
3/7/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.56	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.72	1.00 U	1.00 U
9/18/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.53	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.59	1.00 U	1.00 U
3/28/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.25	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.68	1.00 U	1.00 U
10/10/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.91	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.44	1.00 U	1.00 U
4/9/19	5.00 U	5.00 U	5.00 U	5.50	5.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U
8/6/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location MW-13B - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
3/9/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U
7/27/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U
3/22/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U
8/30/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U
4/4/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-13B - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)
MCL/ GWPS		70		80	700	10000				5	10000	100	5	1000
7/30/10	1.00 U	140.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	11.00	1.00 U	1.00 U	38.00	1.00 U
9/15/10	0.76 J	101.00	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	0.96 J	2.00 U	8.50	2.00 U	2.00 U	22.70	2.00 U
4/25/11	4.60	3.90	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U
9/20/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	11.00	--	1.00 U	27.00	1.00 U
3/13/12	1.00 U	110.00	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	4.20	--	1.00 U	30.00	1.00 U
9/17/12	1.00 U	82.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	5.95	1.00 U	1.00 U	26.50	1.00 U
3/28/13	1.00 U	102.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	7.20	1.00 U	1.00 U	27.00	1.00 U
9/18/13	1.00 U	109.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	6.55	1.00 U	1.00 U	24.20	1.00 U
3/13/14	1.00 U	83.50	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	5.62	1.00 U	1.00 U	21.10	1.00 U
9/8/14	1.00 U	79.50	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	5.53	1.00 U	1.00 U	16.80	1.00 U
3/18/15	1.00 U	79.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	4.84	1.00 U	1.00 U	15.80	1.00 U
9/1/15	1.00 U	73.50	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	4.71	1.00 U	1.00 U	15.20	1.00 U
3/16/16	1.00 U	78.40	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	4.95	1.00 U	1.00 U	16.70	1.00 U
8/29/16	1.00 U	67.50	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	3.95	1.00 U	1.00 U	14.20	1.00 U
3/7/17	1.00 U	69.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	3.99	1.00 U	1.00 U	15.60	1.00 U
9/18/17	1.00 U	46.10	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	2.44	1.00 U	1.00 U	14.60	1.00 U
3/28/18	1.00 U	63.30	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	3.51	1.00 U	1.00 U	13.40	1.00 U
10/10/18	1.00 U	54.10	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	3.07	1.00 U	1.00 U	12.50	1.00 U
4/9/19	1.00 U	58.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.70	1.00 U	1.00 U	9.70	1.00 U
8/6/19	1.00 U	56.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.00 J	1.00 U	1.00 U	9.90	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location MW-13B - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)
3/9/20	1.00 U	57.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.50 B	1.00 U	1.00 U	11.20	1.00 U
7/27/20	1.00 U	58.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.70	1.00 U	1.00 U	11.30	1.00 U
3/22/21	1.00 U	41.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.10	1.00 U	1.00 U	9.20	1.00 U
8/30/21	1.00 U	42.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.40	1.00 U	1.00 U	8.50	1.00 U
4/4/22	1.00 U	45.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.40	1.00 U	1.00 U	9.00	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-13B - Volatile Organic Compounds

	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS	100			5			2	10000
7/30/10	5.00	1.00 U	5.00 U	38.00	2.00	1.00 U	13.00	--
9/15/10	4.45	2.00 U	2.00 U	32.00	1.71 J	2.00 U	17.20	--
4/25/11	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/11	7.30	1.00 U	5.00 U	28.00	4.70	1.00 U	25.00	1.00 U
3/13/12	4.30	1.00 U	5.00 U	32.00	1.30	1.00 U	12.00	1.00 U
9/17/12	1.00 U	1.00 U	5.00 U	27.60	1.00 U	5.00 U	9.83	--
3/28/13	4.22	1.00 U	5.00 U	29.50	1.27	5.00 U	11.40	--
9/18/13	4.18	1.00 U	5.00 U	34.50	1.00 U	5.00 U	9.96	--
3/13/14	3.31	1.00 U	5.00 U	22.90	1.00 U	5.00 U	8.49	--
9/8/14	3.60	1.00 U	5.00 U	20.20	1.09	5.00 U	10.80	--
3/18/15	3.03	1.00 U	5.00 U	19.00	1.00 U	5.00 U	8.03	--
9/1/15	2.89	1.00 U	5.00 U	20.70	1.00 U	5.00 U	7.37	--
3/16/16	3.18	1.00 U	5.00 U	19.90	1.00 U	5.00 U	8.09	--
8/29/16	2.57	1.00 U	5.00 U	16.60	1.00 U	5.00 U	6.51	--
3/7/17	2.69	1.00 U	5.00 U	17.20	1.00 U	5.00 U	6.40	--
9/18/17	1.75	1.00 U	5.00 U	20.50	1.00 U	5.00 U	4.42	--
3/28/18	2.32	1.00 U	5.00 U	15.40	1.00 U	5.00 U	5.26	--
10/10/18	2.21	1.00 U	5.00 U	13.80	1.00 U	5.00 U	5.46	--
4/9/19	2.30	1.00 U	1.00 U	12.30	1.00 U	1.00 U	6.00	--
8/6/19	2.20	1.00 U	1.00 U	11.00	1.00 U	1.00 U	5.60	--

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill

Printed 5/25/22

Monitoring Location MW-13B - Volatile Organic Compounds

	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
3/9/20	2.10	1.00 U	1.00 U	11.90	1.00 U	1.00 U	5.00	--
7/27/20	2.20	1.00 U	1.00 U	12.30	1.00 U	1.00 U	5.20	--
3/22/21	1.60	1.00 U	1.00 U	9.00	1.00 U	1.00 U	4.50	--
8/30/21	1.60	1.00 U	1.00 U	8.50	1.00 U	1.00 U	3.90	--
4/4/22	1.70	1.00 U	1.00 U	9.20	1.00 U	1.00 U	3.90	--

Gude Landfill
Monitoring Location MW-14A - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Lead, dissolved (mg/L)	Mercury, dissolved (mg/L)	Nickel, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Thallium, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005	0.1			0.015	0.002		0.05		0.002
9/2/11	0.001 U	0.001 U	0.420	0.001 U	0.001	0.00 J	0.00	0.002	0.001 J	0.0002 U	0.04	0.001 U	0.00 U	0.001 U

Gude Landfill
Monitoring Location MW-14A - Dissolved Metals

Printed 5/25/22

	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS		
9/2/11	0.01 U	0.071

Gude Landfill
Monitoring Location MW-14A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	ORP, Field (mV)	pH (SU)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS					0.2			10					
9/2/11	16.0	0.26	56.0	300.0000	0.050 U	--	490.0	2.6000	--	5.40	--	--	--
4/18/19	17.6	0.10 U	10.0	160.0000	--	7.22	173.0	3.3000	228.1	--	5.35	5.54	731.0
8/5/19	7.5	0.10 U	16.6	354.0000	--	7.21	323.0	5.4000	231.5	--	4.91	5.45	1.1
3/17/20	15.7	0.10 U	3.0 U	242.0000	--	6.64	236.0	2.8400	247.2	--	5.05	5.52	1085.0
8/6/20	11.4	0.10 U	17.9	301.0000	--	6.45	295.0	2.5700	331.3	--	5.33	5.28	962.0
3/30/21	19.0	0.10 U	3.0 U	201.0000	--	5.79	162.0	2.6000	256.1	--	5.28	5.52	722.0
9/8/21	23.0	0.05 U	9.5	90.8000	--	5.60	112.0	3.1800	271.4	--	6.10	5.51	393.6
4/6/22	24.3	0.10	3.0 U	73.4000	--	5.83	96.9	2.5400	223.8	--	5.34	5.57	358.6

Gude Landfill

Monitoring Location MW-14A - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS								
9/2/11	980.0	11.00	3.0 UH	--	720.0	--	360.000	--
4/18/19	590.0	15.50	--	17.3	526.0	125.0	9.080	8.20
8/5/19	1160.0	24.40	--	17.1	1020.0	64.0	11.200	8.92
3/17/20	876.0	15.70	--	18.2	603.0	317.0	13.400	28.10
8/6/20	1080.0	15.00	--	18.4	633.0	405.0	107.000	318.20
3/30/21	751.0	19.90	--	18.2	384.0	708.0	24.800	165.00
9/8/21	418.0	19.20	--	21.5	242.0	130.0	31.700	85.90
4/6/22	374.2	22.80	--	17.3	223.0	1340.0	324.000	415.00

Gude Landfill
Monitoring Location MW-14A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
9/2/11	0.0010 U	0.0007 J	0.6200	0.0010 U	0.0007	--	0.0270	0.0150	0.0460	--	0.00230	--
4/18/19	0.0010 U	0.0010 U	0.2420	0.0010 U	0.0010 U	30.00	0.0106	0.0042	0.0107	2.3900	0.00100 U	23.800
8/5/19	0.0010 U	0.0010 U	0.4190	0.0010 U	0.0010 U	55.80	0.0077	0.0040	0.0086 B	2.1800	0.00100 U	44.700
3/17/20	0.0010 U	0.0010 U	0.3110	0.0010 U	0.0010 U	40.70	0.0100	0.0032	0.0094	1.4200	0.00100 U	32.700
8/6/20	0.0010 U	0.0010 U	0.4740	0.0010 U	0.0010 U	46.50	0.0344	0.0121	0.0447	13.2000	0.00191	43.500
3/30/21	0.0010 U	0.0010 U	0.2080	0.0010 U	0.0010 U	27.80	0.0080	0.0032	0.0107	2.1500	0.00100 U	22.600
9/8/21	0.0010 U	0.0010 U	0.1520	0.0010 U	0.0010 U	19.90	0.0137	0.0027	0.0101	3.0300	0.00100 U	15.300
4/6/22	0.0010 U	0.0010 U	0.2190	0.0010 U	0.0010 U	17.40	0.0113	0.0096	0.0279	3.2500	0.00177	13.000

Gude Landfill
Monitoring Location MW-14A - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002			
9/2/11	--	0.000200 U	0.0730	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.03500	0.08300
4/18/19	0.03890	0.000100 U	0.0243	2.980	0.00100 U	0.0010 U	40.90	0.0010 U	--	0.00611	0.04070
8/5/19	0.04600	0.000100 U	0.0343	3.710	0.00100 U	0.0010 U	69.80	0.0010 U	--	0.00548	0.06830
3/17/20	0.03010	0.000100 U	0.0286	3.220	0.00100 U	0.0010 U	60.40	0.0010 U	--	0.00290	0.04870
8/6/20	0.13600	0.000100 U	0.0610	5.730	0.00100 U	0.0010 U	67.30	0.0010 U	--	0.03270	0.09620
3/30/21	0.03140	0.000100 U	0.0168	2.790	0.00100 U	0.0010 U	60.00	0.0010 U	--	0.00607	0.04240
9/8/21	0.03570	0.000100 U	0.0208	2.540	0.00100 U	0.0010 U	31.40	0.0010 U	--	0.00770	0.03000
4/6/22	0.16400	0.000100 U	0.0232	2.540	0.00100 U	0.0010 U	29.40	0.0010 U	--	0.01130	0.04310

Gude Landfill
Monitoring Location MW-14A - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75
9/2/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/18/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-14A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
9/2/11	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.90 J
4/18/19	5.00 U	5.00 U	5.00 U	8.90	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-14A - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS		70		80	700	10000				5	10000	100	5	1000	100
9/2/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/18/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Monitoring Location MW-14A - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS			5			2
9/2/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/18/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-14B - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Lead, dissolved (mg/L)	Mercury, dissolved (mg/L)	Nickel, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Thallium, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005	0.1			0.015	0.002		0.05		0.002
9/2/11	0.001 U	0.001 U	0.012	0.001 U	0.001 U	0.00	0.00 U	0.001 U	0.001 U	0.0002 U	0.00	0.001 U	0.00 U	0.001 U

Gude Landfill
Monitoring Location MW-14B - Dissolved Metals

Printed 5/25/22

	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS		
9/2/11	0.01 U	0.012

Gude Landfill
Monitoring Location MW-14B - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	ORP, Field (mV)	pH (SU)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)
MCL/ GWPS					0.2			10						
9/2/11	35.0	0.27	20.0 U	7.5000	0.050 U	--	38.0	2.7000	--	5.80	--	--	--	120.0
4/18/19	34.3	0.10 U	11.0	20.7000	--	5.11	59.1	5.4000	147.8	--	5.81	5.99	213.9	174.0
8/6/19	35.6	0.10 U	6.5	23.6000	--	5.24	65.4 B	5.2000	134.9	--	5.48	5.87	0.2	187.0
3/17/20	33.5	0.10 U	7.4	20.2000	--	5.43	59.9	5.0900	188.0	--	5.56	6.04	203.3	178.0
8/6/20	25.6	0.10 U	19.6	17.9000	--	4.88	57.9	4.3700	283.1	--	5.94	2.31	1630.0	2480.0
3/30/21	42.0	0.10 U	3.0 U	21.9000	--	4.91	56.6	4.8800	225.1	--	5.70	5.94	164.7	183.0
9/8/21	38.9	0.05 U	23.5	22.6000	--	4.76	64.6	4.9500	255.4	--	5.70	5.80	185.9	195.0
4/6/22	39.9	0.04	3.0 U	23.7000	--	5.66	64.2	4.9000	190.7	--	5.71	5.87	180.4	201.0

Gude Landfill
Monitoring Location MW-14B - General Parameters

Printed 5/25/22

	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS							
9/2/11	0.20 U	3.0 UH	--	140.0	--	2.700	--
4/18/19	2.50	--	15.0	184.0	95.2	6.550	6.20
8/6/19	2.10	--	16.2	164.0	67.5	4.380	4.26
3/17/20	2.06	--	14.9	134.0	27.1	3.500	10.50
8/6/20	2.70	--	17.8	122.0	7.7	4.130	2.10
3/30/21	2.30	--	15.1	128.0	11.2	2.540	10.00
9/8/21	1.90	--	20.0	154.0	2.7	2.020	10.10
4/6/22	4.80	--	15.2	139.0	53.7	3.500	70.00

Gude Landfill
Monitoring Location MW-14B - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
9/2/11	0.0010 U	0.0010 U	0.0130	0.0010 U	0.0010 U	--	0.0016	0.0010 U	0.0010 U	--	0.00100 U	--
4/18/19	0.0010 U	0.0010 U	0.0172	0.0010 U	0.0010 U	11.80	0.0037	0.0010 U	0.0022	0.3510	0.00100 U	7.200
8/6/19	0.0010 U	0.0010 U	0.0176	0.0010 U	0.0010 U	13.00 B	0.0041	0.0010 U	0.0014	0.5910	0.00100 U	7.980
3/17/20	0.0010 U	0.0010 U	0.0154	0.0010 U	0.0010 U	11.70	0.0064	0.0010 U	0.0010 U	0.2490	0.00100 U	7.430
8/6/20	0.0010 U	0.0010 U	0.0175	0.0010 U	0.0010 U	11.80	0.0046	0.0010 U	0.0017	0.2680	0.00100 U	6.910
3/30/21	0.0010 U	0.0010 U	0.0155	0.0010 U	0.0010 U	11.60	0.0022	0.0010 U	0.0010 U	0.2040	0.00100 U	6.700
9/8/21	0.0010 U	0.0010 U	0.0170	0.0010 U	0.0010 U	13.30	0.0032	0.0010 U	0.0010 U	0.1340	0.00100 U	7.590
4/6/22	0.0010 U	0.0010 U	0.0164	0.0010 U	0.0010 U	13.80	0.0016	0.0010 U	0.0010 U	0.1200	0.00100 U	7.240

Gude Landfill
Monitoring Location MW-14B - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002			
9/2/11	--	0.000200 U	0.0014	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U	0.01000 U
4/18/19	0.01430	0.000100 U	0.0030	1.530	0.00100 U	0.0010 U	8.01	0.0010 U	--	0.00100 U	0.00554
8/6/19	0.02100	0.000100 U	0.0037	1.530	0.00100 U	0.0010 U	8.51 B	0.0010 U	--	0.00100 U	0.00711 B
3/17/20	0.00505	0.000100 U	0.0048	1.470	0.00100 U	0.0010 U	8.02	0.0010 U	--	0.00100 U	0.00400 U
8/6/20	0.00630	0.000100 U	0.0029	1.520	0.00100 U	0.0010 U	7.96	0.0010 U	--	0.00100 U	0.01440
3/30/21	0.01020	0.000100 U	0.0010 U	1.350	0.00100 U	0.0010 U	7.45	0.0010 U	--	0.00139	0.00400 U
9/8/21	0.00493	0.000100 U	0.0019	1.520	0.00100 U	0.0010 U	8.46	0.0010 U	--	0.00100 U	0.00400 U
4/6/22	0.01460	0.000100 U	0.0018	1.400	0.00100 U	0.0010 U	7.80	0.0010 U	--	0.00100 U	0.00400 U

Gude Landfill
Monitoring Location MW-14B - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75
9/2/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/18/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-14B - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
9/2/11	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00
4/18/19	5.00 U	5.00 U	5.00 U	6.90	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30
8/6/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30
3/30/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10

Gude Landfill
Monitoring Location MW-14B - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS		70		80	700	10000				5	10000	100	5	1000	100
9/2/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/18/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-14B - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS			5			2
9/2/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/18/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-15 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Lead, dissolved (mg/L)	Mercury, dissolved (mg/L)	Nickel, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Thallium, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005	0.1			0.015	0.002		0.05		0.002
9/2/11	0.001 U	0.001 U	0.027	0.001 U	0.001 U	0.00 J	0.00	0.001 U	0.001 U	0.0002 U	0.00	0.001 U	0.00 U	0.001 U

Gude Landfill
Monitoring Location MW-15 - Dissolved Metals

Printed 5/25/22

	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS		
9/2/11	0.01 U	0.016

Gude Landfill
Monitoring Location MW-15 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	ORP, Field (mV)	pH (SU)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)
MCL/ GWPS					0.2			10						
9/2/11	30.0	0.39	51.0	11.0000	0.050 U	--	63.0	3.1000	--	5.70	--	--	--	120.0
4/18/19	24.0	0.10 U	12.0	25.3000	--	4.68	71.8	5.2000	233.5	--	5.52	5.78	215.4	175.0
8/7/19	1.0 U	0.15	6.5	28.1000	--	4.53	81.5 B	5.3000	237.3	--	5.17	5.61	0.2	522.0
3/17/20	25.1	0.10 U	5.1	37.0000	--	0.51	90.0	4.8900	225.5	--	5.27	5.77	303.1	228.0
8/6/20	16.7	0.10 U	13.7	30.6000	--	4.48	78.2	4.5700	327.3	--	5.48	5.56	190.6	211.0
3/30/21	27.0	0.10 U	3.0 U	29.5000	--	4.02	65.9	4.7400	229.3	--	5.49	5.66	199.8	208.0
9/9/21	29.8	0.05 U	8.9	31.5000	--	41.80	74.7	4.7800	282.3	--	5.94	5.61	190.1	213.0
4/6/22	30.9	0.07	3.0 U	34.7000	--	4.63	75.5	4.6800	211.7	--	5.45	5.67	204.4	234.6

Gude Landfill
Monitoring Location MW-15 - General Parameters

Printed 5/25/22

	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS							
9/2/11	0.30	3.0 UH	--	100.0	--	440.000	--
4/18/19	3.80	--	16.6	448.0	1500.0	114.000	203.00
8/7/19	80.60	--	17.0	162.0	144.0	58.200	54.00
3/17/20	8.70	--	16.5	164.0	627.0	82.200	58.80
8/6/20	10.00	--	18.3	151.0	734.0	81.500	38.80
3/30/21	8.50	--	17.3	145.0	234.0	36.800	205.10
9/9/21	4.80	--	16.9	169.0	282.0	17.700	205.00
4/6/22	6.40	--	16.0	117.0	291.0	77.200	300.00

Gude Landfill
Monitoring Location MW-15 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
9/2/11	0.0010 U	0.0018	0.1600	0.0010 U	0.0010 U	--	0.0120	0.0130	0.0560	--	0.00520	--
4/18/19	0.0010 U	0.0010 U	0.0829	0.0010 U	0.0010 U	10.40	0.0134	0.0053	0.0598	11.4000	0.00251	11.100
8/7/19	0.0010 U	0.0010 U	0.0905	0.0010 U	0.0010 U	11.50 B	0.0180	0.0055	0.0453	13.1000	0.00275	12.800
3/17/20	0.0010 U	0.0010 U	0.0983	0.0010 U	0.0010 U	12.60	0.0175	0.0054	0.0416	12.4000	0.00244	14.200
8/6/20	0.0010 U	0.0010 U	0.0872	0.0010 U	0.0010 U	11.00	0.0105	0.0039	0.0313	8.7800	0.00225	12.300
3/30/21	0.0010 U	0.0010 U	0.0574	0.0010 U	0.0010 U	11.10	0.0080	0.0017	0.0119	2.9800	0.00100 U	9.270
9/9/21	0.0010 U	0.0010 U	0.0688	0.0010 U	0.0010 U	12.20	0.0078	0.0032	0.0172	4.6400	0.00116	10.700
4/6/22	0.0010 U	0.0010 U	0.0766	0.0010 U	0.0010 U	13.80	0.0044	0.0022	0.0093	1.0900	0.00113	9.950

Gude Landfill
Monitoring Location MW-15 - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002			
9/2/11	--	0.000200 U	0.0150	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.01200	0.05000
4/18/19	0.16700	0.000100 U	0.0152	1.980	0.00162	0.0010 U	7.15	0.0010 U	--	0.00995	0.04880
8/7/19	0.19400	0.000100 U	0.0199	1.890	0.00231	0.0010 U	8.21 B	0.0010 U	--	0.00919	0.05500 B
3/17/20	0.18800	0.000100 U	0.0198	2.030	0.00175	0.0010 U	10.90	0.0010 U	--	0.00898	0.04770
8/6/20	0.14100	0.000100 U	0.0126	2.030	0.00159	0.0010 U	9.22	0.0010 U	--	0.00782	0.04020
3/30/21	0.05050	0.000100 U	0.0046	1.610	0.00100 U	0.0010 U	7.55	0.0010 U	--	0.00314	0.01950
9/9/21	0.08810	0.000100 U	0.0089	1.780	0.00100 U	0.0010 U	8.35	0.0010 U	--	0.00380	0.02340
4/6/22	0.06500	0.000100 U	0.0058	1.680	0.00109	0.0010 U	8.76	0.0010 U	--	0.00230	0.01040

Gude Landfill

Printed 5/25/22

Monitoring Location MW-15 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75
9/2/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/18/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/7/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-15 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
9/2/11	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00
4/18/19	5.00 U	5.00 U	5.00 U	5.60 B	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/7/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-15 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS		70		80	700	10000				5	10000	100	5	1000	100
9/2/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/18/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/7/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Monitoring Location MW-15 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS			5			2
9/2/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/18/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/7/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/6/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-16A - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
9/12/17	0.002 U	0.003	0.305	0.002 U	0.002 U	26.1	0.00 U	0.01	0.002 U	11.9	0.002 U	31.2	9.060	0.0002 U
3/27/18	0.002 U	0.005	0.298	0.002 U	0.002 U	25.0	0.01	0.01	0.002 U	11.6	0.002 U	30.2	9.990	0.0002 U
9/6/18	0.002 U	0.003	0.264	0.002 U	0.002 U	21.4	0.01	0.01	0.002 U	10.6	0.002 U	25.3	9.010	0.0002 U

Gude Landfill

Monitoring Location MW-16A - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
9/12/17	0.01	3.3	0.004	0.00 U	72.2	0.001 U	0.00 U	0.005
3/27/18	0.01	3.5	0.005	0.00 U	72.4	0.001 U	0.00 U	0.005
9/6/18	0.01	3.4	0.003	0.00 U	65.6	0.001 U	0.00 U	0.006

Gude Landfill
Monitoring Location MW-16A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)
MCL/ GWPS							10		1					
9/12/17	235.0	0.20 U	31.8	105.0000	0.41	270.0	0.2000 U	0.20 U	0.05 U	133.0	6.43	--	791.1	--
3/27/18	229.0	0.20 U	32.6	108.0000	--	330.0	0.2000 U	0.20 U	0.05 U	-19.0	6.39	--	698.6	--
9/6/18	224.0	0.20 U	28.2	72.4000	--	165.0	2.1700	2.22	0.05 U	-38.0	6.23	--	655.4	--
4/9/19	200.0	0.19	21.0	37.2000	0.13	138.0 B	0.5000	--	--	-20.8	6.16	6.43	746.0	604.0
8/5/19	217.0	0.13	32.8	59.4000	0.25	153.0	8.4000	--	--	-0.3	6.02	6.40	0.7	659.0
3/10/20	240.0	0.18	29.6	73.0000	0.39	186.0	3.8100	--	--	-38.3	6.26	6.49	782.0	731.0
8/3/20	215.0	0.12	40.9	64.5000	0.50	203.0	7.8400	--	--	45.2	6.04	6.44	675.0	718.0
3/22/21	208.0	0.14	15.3	52.6000	0.01	168.0	14.8000	--	--	-51.2	6.15	6.31	881.0	734.0
8/31/21	262.0	0.10	41.5	70.8000	0.55	190.0	4.3800	--	--	-16.9	6.41	6.39	807.0	765.0
4/4/22	252.0	0.19	27.3	97.4000	0.84	217.0	2.2100	--	--	-35.6	6.27	6.41	923.0	852.7

Gude Landfill
Monitoring Location MW-16A - General Parameters

Printed 5/25/22

	Sulfate, total (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS						
9/12/17	13.00	20.2	463.0	--	--	4.30
3/27/18	14.10	14.9	426.0	--	--	1.30
9/6/18	14.90	23.8	358.0	--	--	7.00
4/9/19	16.40	21.3	365.0	72.7	25.700	36.40
8/5/19	20.00	22.4	408.0	29.3	37.100	6.59
3/10/20	20.50	20.6	431.0	21.6	28.700	19.80
8/3/20	20.00	21.1	448.0	393.0	389.000	50.30
3/22/21	43.50	21.2	437.0	416.0	92.000	129.10
8/31/21	29.40	23.3	277.0	803.0	56.300	66.50
4/4/22	27.90	20.7	480.0	246.0	55.000	58.20

Gude Landfill
Monitoring Location MW-16A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
9/12/17	0.0050 U	0.0050 U	0.3180	0.0050 U	0.0050 U	46.80	0.0050 U	0.0073	0.0067	12.2000	0.00500 U	55.000
3/27/18	0.0050 U	0.0050 U	0.3000	0.0050 U	0.0050 U	27.10	0.0050 U	0.0076	0.0050 U	12.7000	0.00500 U	31.300
9/6/18	0.0020 U	0.0035	0.2640	0.0020 U	0.0020 U	22.30	0.0043	0.0060	0.0035	11.6000	0.00200 U	26.700
4/9/19	0.0010 U	0.0021	0.2170	0.0010 U	0.0010 U	16.40	0.0215	0.0070	0.0078	6.8700	0.00131	23.700
8/5/19	0.0010 U	0.0022	0.2340	0.0010 U	0.0010 U	17.60	0.0161	0.0055	0.0080 B	7.6400	0.00178	26.600
3/10/20	0.0010 U	0.0031	0.3090	0.0010 U	0.0010 U	20.70	0.0076	0.0071	0.0024	10.5000	0.00100 U	32.600
8/3/20	0.0010 U	0.0049	0.3580	0.0011	0.0010 U	20.80	0.0631	0.0181	0.0787	20.4000	0.01060	36.600
3/22/21	0.0010 U	0.0028	0.2710	0.0010 U	0.0010 U	19.70	0.0053	0.0066	0.0113 B	8.2400	0.00268	28.900
8/31/21	0.0010 U	0.0039	0.3330	0.0010 U	0.0010 U	22.50	0.0215	0.0082	0.0164	10.9000	0.00321	32.600
4/4/22	0.0010 U	0.0027	0.3460	0.0010 U	0.0010 U	28.30	0.0104	0.0097	0.0046	9.9200	0.00149	35.600

Gude Landfill
Monitoring Location MW-16A - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002		
9/12/17	8.83000	0.000200 U	0.0089	3.570	0.00500 U	0.0050 U	125.00	0.0050 U	0.00500 U	0.04930
3/27/18	9.51000	0.000200 U	0.0069	3.640	0.00500 U	0.0050 U	81.10	0.0050 U	0.00500 U	0.02730
9/6/18	9.57000	0.000200 U	0.0068	3.550	0.00308	0.0020 U	68.30	0.0010 U	0.00200 U	0.00957
4/9/19	12.70000	0.000100 U	0.0193	3.530	0.00100 U	0.0010 U	59.60	0.0010 U	0.00173	0.02460 B
8/5/19	9.06000	0.000100 U	0.0140	3.390	0.00100 U	0.0010 U	70.00	0.0010 U	0.00120	0.01830 B
3/10/20	10.70000	0.000100 U	0.0104	3.980	0.00100 U	0.0010 U	85.90	0.0010 U	0.00100 U	0.00840
8/3/20	11.00000	0.000332	0.0574	6.480	0.00416	0.0010 U	78.80	0.0010 U	0.01420	0.13600
3/22/21	9.53000	0.000100 U	0.0097	3.960	0.00109	0.0010 U	73.20	0.0010 U	0.00234	0.03630
8/31/21	10.20000	0.000112	0.0281	4.690	0.00100 U	0.0010 U	89.40	0.0010 U	0.00405	0.03900
4/4/22	9.65000	0.000100 U	0.0145	4.060	0.00100 U	0.0010 U	87.50	0.0010 U	0.00100 U	0.01190

Gude Landfill
Monitoring Location MW-16A - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)	
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75	
9/12/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.99
3/27/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.09
9/6/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.79
4/9/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.50
3/10/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.50
4/4/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.10

Gude Landfill
Monitoring Location MW-16A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
9/12/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	12.00	1.00 U	1.00 U
3/27/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	11.20	1.00 U	1.00 U
9/6/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	6.77	1.00 U	1.00 U
4/9/19	5.00 U	5.00 U	5.00 U	6.30 B	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00	1.00 U	1.00 U
8/5/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.10	1.00 U	1.00 U
3/10/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.00	1.00 U	1.00 U
8/3/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.70	1.00 U	1.00 U
3/22/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.70	1.00 U	1.00 U
8/31/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.20	1.00 U	1.00 U
4/4/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.70	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-16A - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
9/12/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/9/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/10/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.90	1.00 U

Gude Landfill

Monitoring Location MW-16A - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS			5			2
9/12/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U
3/27/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U
9/6/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U
4/9/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/10/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-16B - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
9/12/17	0.002 U	0.002	0.064	0.002 U	0.002 U	84.0	0.00 U	0.01	0.002 U	1.5	0.002 U	71.6	12.900	0.0002 U
3/27/18	0.002 U	0.005	0.058	0.002 U	0.002 U	81.7	0.01	0.01	0.002 U	1.0	0.002 U	69.1	14.200	0.0002 U
9/6/18	0.002 U	0.002	0.029	0.002 U	0.002 U	60.1	0.01	0.01	0.002 U	0.7	0.002 U	47.4	8.600	0.0002 U

Gude Landfill
Monitoring Location MW-16B - Dissolved Metals

Printed 5/25/22

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
9/12/17	0.02	4.2	0.008	0.00 U	47.3	0.001 U	0.00 U	0.011
3/27/18	0.02	4.3	0.012	0.00 U	48.9	0.001 U	0.00 U	0.016
9/6/18	0.01	3.5	0.006	0.00 U	32.2	0.001 U	0.00 U	0.006

Gude Landfill
Monitoring Location MW-16B - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS							10		1				
9/12/17	167.0	0.20 U	30.7	329.0000	--	460.0	1.5400	1.59	0.05 U	301.0	6.01	--	1246.0
3/27/18	168.0	0.20 U	39.8	338.0000	--	124.0	1.4900	1.54	0.05 U	30.0	6.08	--	1219.0
9/6/18	128.0	0.20 U	22.2	180.0000	--	342.0	3.5800	3.63	0.05 U	118.0	5.99	--	870.5
4/9/19	146.0	0.10 U	30.0	210.0000	0.09	329.0 B	0.2000 U	--	--	83.2	5.94	6.23	1174.0
8/5/19	151.0	0.10 U	27.4	257.0000	0.25	368.0	2.3000	--	--	105.8	5.66	6.09	1.1
3/10/20	159.0	0.10 U	39.6	126.0000	0.64	436.0	0.4800	--	--	106.8	5.95	6.20	1150.0
8/3/20	144.0	0.10 U	46.0	208.0000	3.32	354.0	0.9900	--	--	142.2	6.43	6.05	942.0
3/22/21	144.0	0.10 U	18.9	205.0000	0.29	322.0	2.6500	--	--	175.1	5.92	6.08	1069.0
8/31/21	185.0	0.04 J	48.4	248.0000	0.85	394.0	1.1600	--	--	71.2	6.14	6.16	1118.0
4/4/22	188.0	0.27	29.3	261.0000	1.05	429.0	0.7450	--	--	68.5	5.49	6.20	1138.0

Gude Landfill
Monitoring Location MW-16B - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS							
9/12/17	--	8.36	19.0	825.0	--	--	4.70
3/27/18	--	8.60	13.8	774.0	--	--	2.20
9/6/18	--	17.60	19.9	498.0	--	--	6.80
4/9/19	961.0	14.70	19.4	588.0	7.5	4.290	3.70
8/5/19	1050.0	7.80	19.4	719.0	2.3 U	3.290	9.80
3/10/20	1110.0	3.94	19.6	650.0	2.6	5.980	0.70
8/3/20	992.0	5.83	22.7	529.0	3.7	0.644	3.50
3/22/21	987.0	6.80	18.7	580.0	2.3 J	1.260	2.91
8/31/21	1110.0	4.40	21.8	331.0	34.4	14.500	26.50
4/4/22	1216.0	9.10	17.3	631.0	47.4	4.770	10.75

Gude Landfill
Monitoring Location MW-16B - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
9/12/17	0.0050 U	0.0050 U	0.0743	0.0050 U	0.0050 U	88.50	0.0050 U	0.0139	0.0063	2.0000	0.00500 U	76.100
3/27/18	0.0020 U	0.0050	0.0590	0.0020 U	0.0020 U	82.80	0.0052	0.0125	0.0020 U	0.9200	0.00200 U	70.000
9/6/18	0.0020 U	0.0025	0.0289	0.0020 U	0.0020 U	59.30	0.0035	0.0085	0.0020 U	0.8300	0.00200 U	47.100
4/9/19	0.0010 U	0.0010 U	0.0271	0.0010 U	0.0010 U	51.70	0.0044	0.0078	0.0015	0.6550	0.00100 U	48.600
8/5/19	0.0010 U	0.0011	0.0279	0.0010 U	0.0010 U	54.80	0.0017	0.0078	0.0010 U	0.9750	0.00100 U	56.100
3/10/20	0.0010 U	0.0014	0.0299	0.0010 U	0.0010 U	63.00	0.0049	0.0089	0.0031	1.3200	0.00100 U	67.600
8/3/20	0.0010 U	0.0010 U	0.0312	0.0010 U	0.0010 U	56.40	0.0065	0.0102	0.0026	0.1060	0.00100 U	51.700
3/22/21	0.0010 U	0.0010 U	0.0218	0.0010 U	0.0010 U	50.50	0.0010 U	0.0062	0.0024 B	0.1690	0.00100 U	47.500
8/31/21	0.0010 U	0.0025	0.0310	0.0010 U	0.0010 U	59.10	0.0098	0.0083	0.0030	3.8800	0.00100 U	59.900
4/4/22	0.0010 U	0.0018	0.0339	0.0010 U	0.0010 U	69.40	0.0049	0.0094	0.0030	2.2700	0.00100 U	62.200

Gude Landfill
Monitoring Location MW-16B - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002		
9/12/17	13.10000	0.000200 U	0.0216	4.430	0.00624	0.0050 U	50.30	0.0050 U	0.00500 U	0.04680
3/27/18	15.00000	0.000200 U	0.0196	4.220	0.01170	0.0020 U	48.10	0.0010 U	0.00200 U	0.01780
9/6/18	8.51000	0.000200 U	0.0130	3.490	0.00591	0.0020 U	31.80	0.0010 U	0.00200 U	0.00637
4/9/19	16.30000	0.000100 U	0.0172	3.610	0.00100 U	0.0010 U	36.00	0.0010 U	0.00100 U	0.00673 B
8/5/19	10.00000	0.000100 U	0.0134	3.630	0.00100 U	0.0010 U	39.90	0.0010 U	0.00100 U	0.00795 B
3/10/20	12.30000	0.000100 U	0.0150	4.180	0.00100 U	0.0010 U	49.40	0.0010 U	0.00100 U	0.00727
8/3/20	11.70000	0.000100 U	0.0244	3.850	0.00100 U	0.0010 U	37.70	0.0010 U	0.00100 U	0.01220
3/22/21	8.62000	0.000100 U	0.0146	3.470	0.00100 U	0.0010 U	35.60	0.0010 U	0.00100 U	0.00940
8/31/21	12.00000	0.000100 U	0.0203	4.160	0.00100 U	0.0010 U	53.60	0.0010 U	0.00262	0.00757
4/4/22	12.50000	0.000100 U	0.0148	4.110	0.00100 U	0.0010 U	56.70	0.0010 U	0.00100 U	0.00975

Gude Landfill
Monitoring Location MW-16B - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75
9/12/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.02	1.00 U	1.00 U	1.00 U	7.56
3/27/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.57
9/6/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.89
4/9/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.90
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.30
3/10/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.20
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	4.30
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	4.50
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	5.10

Gude Landfill
Monitoring Location MW-16B - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
9/12/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.25	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	12.20	1.00 U	1.00 U
3/27/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.10	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	10.50	1.00 U	1.00 U
9/6/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	9.52	1.00 U	1.00 U
4/9/19	5.00 U	5.00 U	5.00 U	9.50 B	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.30	1.00 U	1.00 U
8/5/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	11.80	1.00 U	1.00 U
3/10/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	11.50	1.00 U	1.00 U
8/3/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	9.90	1.00 U	1.00 U
3/22/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	11.30	1.00 U	1.00 U
8/31/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.30	1.00 U	1.00 U
4/4/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.10	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-16B - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
9/12/17	1.00 U	6.59	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/18	1.00 U	4.83	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/9/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/10/20	1.00 U	1.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/22	1.00 U	3.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Monitoring Location MW-16B - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS			5			2
9/12/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U
3/27/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U
9/6/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U
4/9/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/10/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-19A - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
9/18/17	0.002 U	0.002 U	0.128	0.002 U	0.002 U	47.7	0.00 U	0.00	0.003	0.2	0.002 U	34.4	1.250	0.0002 U
4/4/18	0.002 U	0.002 U	0.125	0.002 U	0.002 U	42.2	0.00	0.00	0.002 U	0.1 U	0.002 U	30.8	1.180	0.0002 U
9/11/18	0.002 U	0.002 U	0.112	0.002 U	0.002 U	45.5	0.00 U	0.00	0.002	0.1 U	0.002 U	35.1	1.440	0.0002 U

Gude Landfill
Monitoring Location MW-19A - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
9/18/17	0.00	4.0	0.002 U	0.00 U	90.6	0.001 U	0.00 U	0.013
4/4/18	0.01	3.8	0.002 U	0.00 U	101.0	0.001 U	0.00 U	0.013
9/11/18	0.01	3.7	0.002 U	0.00 U	82.9	0.001 U	0.00 U	0.023

Gude Landfill
Monitoring Location MW-19A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)
MCL/ GWPS							10		1					
9/18/17	60.0	0.20 U	10.0 U	288.0000	0.67	268.0	2.0300	2.04	0.05 U	414.0	5.80	--	1090.0	--
4/4/18	50.5	0.20 U	10.0 U	304.0000	--	243.0	2.5700	2.58	0.05 U	290.0	5.78	--	962.2	--
9/11/18	52.3	0.20 U	10.0 U	290.0000	--	255.0	2.0600	2.07	0.05 U	207.0	5.66	--	1005.0	--
4/12/19	57.2	0.10 U	5.0	267.0000	0.11	269.0 B	2.1000	--	--	181.1	5.71	5.86	1192.0	1010.0
8/7/19	61.4	0.10 U	3.0 U	290.0000	0.17	268.0 B	2.3000	--	--	190.5	5.42	5.95	1.0	1040.0
3/12/20	58.4	0.10 J	3.0 U	257.0000	0.53	268.0	2.1300	--	--	255.7	5.54	5.97	1196.0	990.0
8/5/20	32.4	0.10 U	9.9	262.0000	0.55	268.0	1.8300	--	--	233.3	5.88	5.77	863.0	1070.0
3/23/21	59.6	0.12	3.0 U	290.0000	0.04	278.0	1.6300	--	--	239.0	5.65	5.82	1075.0	1100.0
9/8/21	62.9	0.05 U	14.0	312.0000	5.67	288.0	2.3000	--	--	275.0	6.10	5.81	401.2	1170.0
3/28/22	59.8	0.08	3.0 U	295.0000	0.90	306.0	1.9700	--	--	169.4	5.63	2.71	950.0	2082.0

Gude Landfill
Monitoring Location MW-19A - General Parameters

Printed 5/25/22

	Sulfate, total (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS						
9/18/17	11.30	17.9	685.0	--	--	0.00
4/4/18	12.90	14.1	646.0	--	--	5.20
9/11/18	12.80	19.7	593.0	--	--	0.00
4/12/19	13.60	14.4	795.0	81.0	13.400	9.10
8/7/19	13.50	15.2	797.0	17.0	34.300	8.25
3/12/20	14.00	13.4	643.0	47.9	3.500	11.20
8/5/20	13.20	15.5	583.0	259.0	38.500	103.70
3/23/21	14.90	15.2	647.0	488.0	43.300	129.00
9/8/21	13.80	21.2	770.0	1140.0	68.500	72.10
3/28/22	12.90	12.2	578.0	513.0	35.600	92.68

Gude Landfill
Monitoring Location MW-19A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
9/18/17	0.0050 U	0.0050 U	0.1400	0.0050 U	0.0050 U	48.50	0.0050 U	0.0050	0.0094	1.7200	0.00500 U	35.700
4/4/18	0.0020 U	0.0020 U	0.1250	0.0020 U	0.0020 U	43.90	0.0020 U	0.0032	0.0020 U	0.0500 U	0.00200 U	32.400
9/11/18	0.0020 U	0.0020 U	0.1150	0.0020 U	0.0020 U	46.80	0.0020 U	0.0048	0.0187	0.0500 U	0.00200 U	33.600
4/12/19	0.0010 U	0.0010 U	0.1180	0.0010 U	0.0010 U	45.20	0.0024	0.0119	0.0059	1.7500 B	0.00100 U	37.900
8/7/19	0.0010 U	0.0010 U	0.1100	0.0010 U	0.0010 U	44.00 B	0.0026	0.0069	0.0066	0.9220	0.00105	38.400
3/12/20	0.0010 U	0.0010 U	0.1070	0.0010 U	0.0010 U	44.60	0.0010 U	0.0054	0.0010 U	0.2750	0.00100 U	38.100
8/5/20	0.0010 U	0.0010 U	0.1240	0.0010 U	0.0010 U	42.90	0.0048	0.0108	0.0077	3.0300	0.00167	39.000
3/23/21	0.0010 U	0.0010 U	0.1190	0.0010 U	0.0010 U	45.50	0.0032	0.0133	0.0096	3.0100	0.00143	39.800
9/8/21	0.0010 U	0.0010 U	0.1480	0.0010 U	0.0010 U	48.90	0.0049	0.0197	0.0152	3.5900	0.00423	40.200
3/28/22	0.0010 U	0.0010 U	0.1220	0.0010 U	0.0010 U	54.60	0.0018	0.0160	0.0077	0.7530	0.00199	41.200

Gude Landfill
Monitoring Location MW-19A - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002		
9/18/17	1.37000	0.000705	0.0071	4.020	0.00500 U	0.0050 U	100.00	0.0050 U	0.00500 U	0.03980
4/4/18	1.20000	0.000713	0.0059	3.970	0.00200 U	0.0020 U	97.10	0.0010 U	0.00200 U	0.01310
9/11/18	1.56000	0.000676	0.0085	3.500	0.00200 U	0.0020 U	86.80	0.0010 U	0.00200 U	0.03010
4/12/19	1.71000	0.000839	0.0094	3.780	0.00100 U	0.0010 U	79.20	0.0010 U	0.00209	0.03440 B
8/7/19	1.53000 J	0.000411	0.0084	3.740	0.00100 U	0.0010 U	85.10 B	0.0010 U	0.00100 U	0.03130 B
3/12/20	1.61000	0.000743	0.0070	3.710	0.00100 U	0.0010 U	80.00	0.0010 U	0.00100 U	0.02720
8/5/20	1.72000	0.000523	0.0117	3.830	0.00137	0.0010 U	79.50	0.0010 U	0.00438	0.04060
3/23/21	1.89000	0.000469	0.0123	3.520	0.00112	0.0010 U	74.40	0.0010 U	0.00313	0.05100
9/8/21	1.61000	0.000840	0.0113	4.410	0.00255	0.0010 U	95.70	0.0010 U	0.00441	0.04180
3/28/22	1.75000	0.000408	0.0106	4.510 B	0.00133	0.0010 U	83.00	0.0010 U	0.00158	0.03400

Gude Landfill
Monitoring Location MW-19A - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75
9/18/17	1.00 U	1.00 U	1.00 U	1.00 U	1.07	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.48	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.54	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/12/19	1.00 U	1.00 U	1.00 U	1.00 U	2.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/7/19	1.00 U	1.00 U	1.00 U	1.00 U	2.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/20	1.00 U	1.00 U	1.00 U	1.00 U	2.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	2.50	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	2.60	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	1.00 U	1.00 U	1.00 U	1.00 U	1.70	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	1.00 U	1.00 U	1.00 U	1.00 U	3.00	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-19A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
9/18/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/12/19	5.00 U	5.00 U	5.00 U	7.00 B	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/7/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-19A - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
9/18/17	1.00 U	2.52	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.22	1.00 U	1.00 U
4/4/18	1.00 U	3.27	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.24	1.00 U	1.00 U
9/11/18	1.00 U	3.31	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.16	1.00 U	1.00 U
4/12/19	1.00 U	7.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.80	1.00 U	1.00 U
8/7/19	1.00 U	5.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U
3/12/20	1.00 U	6.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U	1.00 U
8/5/20	1.00 U	7.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.90	1.00 U	1.00 U
3/23/21	1.00 U	6.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.80	1.00 U	1.00 U
9/8/21	1.00 U	5.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.50	1.00 U	1.00 U
3/28/22	1.00 U	7.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.90	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-19A - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS			5			2
9/18/17	1.00 U	5.00 U	1.99	1.00 U	5.00 U	1.00 U
4/4/18	1.00 U	5.00 U	1.44	1.00 U	5.00 U	1.00 U
9/11/18	1.00 U	5.00 U	1.45	1.00 U	5.00 U	1.00 U
4/12/19	1.00 U	1.00 U	2.60	1.00 U	1.00 U	1.00 U
8/7/19	1.00 U	1.00 U	2.00	1.00 U	1.00 U	1.00 U
3/12/20	1.00 U	1.00 U	2.30	1.00 U	1.00 U	1.00 U
8/5/20	1.00 U	1.00 U	2.40	1.00 U	1.00 U	1.00 U
3/23/21	1.00 U	1.00 U	2.40	1.10	1.00 U	1.00 U
9/8/21	1.00 U	1.00 U	1.70	1.00 U	1.00 U	1.00 U
3/28/22	1.00 U	1.00 U	2.60	1.10	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-19B - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
9/18/17	0.002 U	0.002 U	0.028	0.002 U	0.002 U	77.9	0.00 U	0.00 U	0.002 U	0.3	0.002 U	22.3	0.029	0.0002 U
4/4/18	0.002 U	0.002 U	0.027	0.002 U	0.002 U	64.4	0.00	0.00 U	0.002 U	0.1 U	0.002 U	23.3	0.018	0.0002 U
9/11/18	0.002 U	0.002 U	0.030	0.002 U	0.002 U	63.1	0.00	0.00 U	0.002 U	0.1 U	0.002 U	28.0	0.026	0.0002 U

Gude Landfill
Monitoring Location MW-19B - Dissolved Metals

Printed 5/25/22

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
9/18/17	0.00	2.0	0.002 U	0.00 U	19.4	0.001 U	0.00 U	0.002 U
4/4/18	0.00	2.1	0.002 U	0.00 U	20.6	0.001 U	0.00 U	0.002
9/11/18	0.00	2.2	0.002 U	0.00 U	19.0	0.001 U	0.00 U	0.002

Gude Landfill
Monitoring Location MW-19B - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)
MCL/ GWPS							10		1					
9/18/17	106.0	0.20 U	10.0 U	128.0000	--	262.0	1.2800	1.29	0.05 U	338.0	6.18	--	551.7	--
4/4/18	99.6	0.20 U	10.0 U	147.0000	--	268.0	1.5200	1.53	0.05 U	191.0	6.04	--	604.7	--
9/11/18	96.0	0.20 U	10.0 U	154.0000	--	288.0	1.5100	1.52	0.05 U	232.0	5.84	--	674.1	--
4/12/19	104.0	0.10 U	5.0	173.0000	0.06	295.0 B	1.6000	--	--	156.4	5.95	6.09	906.0	754.0
8/7/19	105.0	0.10 U	4.2	172.0000	0.20	282.0 B	1.9000	--	--	167.8	5.66	6.10	0.7	766.0
3/12/20	105.0	0.10 U	7.8	178.0000	0.49	302.0	1.5000	--	--	190.5	5.79	6.10	953.0	788.0
8/5/20	41.7	0.10 U	13.2	180.0000	1.16	302.0	1.3500	--	--	158.6	6.45	5.99	681.0	864.0
3/23/21	102.0	0.10 U	3.0 U	213.0000	0.21	318.0	1.3900	--	--	220.1	5.82	6.00	901.0	920.0
9/8/21	116.0	0.05 U	17.5	200.0000	0.87	332.0	1.3200	--	--	312.9	6.20	6.11	842.0	885.0
3/28/22	109.0	0.02 U	3.0 U	230.0000	0.98	379.0	1.3200	--	--	154.5	5.84	6.06	841.0	992.6

Gude Landfill
Monitoring Location MW-19B - General Parameters

Printed 5/25/22

	Sulfate, total (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS						
9/18/17	6.63	15.5	458.0	--	--	3.90
4/4/18	7.31	14.5	437.0	--	--	2.60
9/11/18	7.84	15.3	455.0	--	--	4.20
4/12/19	9.70	14.0	677.0	41.4	5.720	8.10
8/7/19	9.30	15.2	614.0	18.0	10.000	9.90
3/12/20	10.20	13.0	575.0	6.2	2.280	4.10
8/5/20	44.80	16.0	497.0	6.7	7.130	3.90
3/23/21	11.60	13.8	507.0	5.0	3.900	9.48
9/8/21	9.50	19.9	487.0	5.2 U	0.500 U	1.30
3/28/22	10.80	17.7	513.0	10.0 U	12.600	30.64

Gude Landfill
Monitoring Location MW-19B - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
9/18/17	0.0050 U	0.0050 U	0.0354	0.0050 U	0.0050 U	65.90	0.0050 U	0.0050 U	0.0050 U	0.4680	0.00500 U	22.900
4/4/18	0.0050 U	0.0050 U	0.0337	0.0050 U	0.0050 U	69.00	0.0050 U	0.0050 U	0.0050 U	0.1160	0.00500 U	23.300
9/11/18	0.0050 U	0.0050 U	0.0308	0.0050 U	0.0050 U	67.70	0.0050 U	0.0050 U	0.0050 U	0.0669	0.00500 U	28.900
4/12/19	0.0010 U	0.0010 U	0.0362	0.0010 U	0.0010 U	64.60	0.0076	0.0010 U	0.0018	0.4710 B	0.00100 U	32.400
8/7/19	0.0010 U	0.0010 U	0.0336	0.0010 U	0.0010 U	61.50 B	0.0047	0.0010 U	0.0020	0.5160	0.00100 U	31.100
3/12/20	0.0010 U	0.0010 U	0.0334	0.0010 U	0.0010 U	65.70	0.0010 U	0.0010 U	0.0010 U	0.1030	0.00100 U	33.600
8/5/20	0.0010 U	0.0010 U	0.0364	0.0010 U	0.0010 U	65.50	0.0015	0.0010 U	0.0016	0.3590	0.00100 U	33.700
3/23/21	0.0010 U	0.0010 U	0.0340	0.0010 U	0.0010 U	69.00	0.0010 U	0.0010 U	0.0015	0.1470	0.00100 U	35.400
9/8/21	0.0010 U	0.0010 U	0.0335	0.0010 U	0.0010 U	75.30	0.0010 U	0.0010 U	0.0010 U	0.1000 U	0.00100 U	35.100
3/28/22	0.0010 U	0.0010 U	0.0378	0.0010 U	0.0010 U	86.80	0.0014	0.0010 U	0.0027	0.1910	0.00100 U	39.500

Gude Landfill
Monitoring Location MW-19B - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002		
9/18/17	0.03610	0.000200 U	0.0050 U	2.000	0.00500 U	0.0050 U	19.60	0.0050 U	0.00500 U	0.02270
4/4/18	0.02680	0.000200 U	0.0050 U	2.020	0.00500 U	0.0050 U	19.30	0.0050 U	0.00500 U	0.01920
9/11/18	0.02590	0.000251	0.0050 U	2.280	0.00500 U	0.0050 U	21.70	0.0050 U	0.00500 U	0.00500 U
4/12/19	0.04750	0.000315	0.0047	2.470	0.00100 U	0.0010 U	22.90	0.0010 U	0.00100 U	0.01420 B
8/7/19	0.03110	0.000276	0.0045	2.320	0.00100 U	0.0010 U	22.50 B	0.0010 U	0.00100 U	0.00698 B
3/12/20	0.03030	0.000224	0.0032	2.440	0.00100 U	0.0010 U	23.30	0.0010 U	0.00100 U	0.00400 U
8/5/20	0.03130	0.000177	0.0039	2.490	0.00100 U	0.0010 U	23.20	0.0010 U	0.00107	0.00440
3/23/21	0.02890	0.000173	0.0036	2.410	0.00100 U	0.0010 U	22.70	0.0010 U	0.00100 U	0.00400 U
9/8/21	0.02520	0.000170	0.0033	2.490	0.00100 U	0.0010 U	23.40	0.0010 U	0.00100 U	0.00400 U
3/28/22	0.03530	0.000414	0.0056	3.630 B	0.00100 U	0.0010 U	24.90	0.0010 U	0.00100 U	0.00610

Gude Landfill
Monitoring Location MW-19B - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7		5	0.2	0.05	600	5	5		75
9/18/17	1.00 U	1.00 U	1.00 U	1.00 U	4.25	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/18	1.00 U	1.00 U	1.00 U	1.00 U	4.01	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	4.21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.12
4/12/19	1.00 U	1.00 U	1.00 U	1.00 U	5.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 J	1.00 U	1.00 J
8/7/19	1.00 U	1.00 U	1.00 U	1.00 U	4.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10
3/12/20	1.00 U	1.00 U	1.00 U	1.00 U	4.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	4.80	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	4.50	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	1.00 U	1.00 U	1.00 U	1.00 U	3.40	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30
3/28/22	1.00 U	1.00 U	1.00 U	1.00 U	4.90	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-19B - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
9/18/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/12/19	5.00 U	5.00 U	5.00 U	6.00 B	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/7/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U
3/23/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U
9/8/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U
3/28/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-19B - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS		70		80	700	10000				5	10000	100	5	1000	100
9/18/17	1.00 U	10.90	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.84	1.00 U	1.00 U
4/4/18	1.00 U	11.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.30	1.00 U	1.00 U
9/11/18	1.00 U	11.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.44	1.00 U	1.00 U
4/12/19	1.00 U	15.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U	2.30	1.00 U	1.00 U
8/7/19	1.00 U	14.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	1.00 U	2.20	1.00 U	1.00 U
3/12/20	1.00 U	15.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	1.00 U	2.10	1.00 U	1.00 U
8/5/20	1.00 U	16.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.30	1.00 U	1.00 U
3/23/21	1.00 U	15.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.20	1.00 U	1.00 U
9/8/21	1.00 U	12.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.20	1.00 U	1.00 U
3/28/22	1.00 U	15.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 J	1.00 U	1.00 U	2.00	1.00 U	1.00 U

Gude Landfill

Monitoring Location MW-19B - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS			5			2
9/18/17	1.00 U	5.00 U	3.94	1.00 U	5.00 U	1.00 U
4/4/18	1.00 U	5.00 U	4.22	1.00 U	5.00 U	1.00 U
9/11/18	1.00 U	5.00 U	4.46	1.15	5.00 U	1.00 U
4/12/19	1.00 U	1.00 U	4.90	1.00 U	1.00 U	1.00 U
8/7/19	1.00 U	1.00 U	4.30	1.00 U	1.00 U	1.00 U
3/12/20	1.00 U	1.00 U	4.30	1.00 U	1.00 U	1.00 U
8/5/20	1.00 U	1.00 U	4.80	1.00 U	1.00 U	1.00 U
3/23/21	1.00 U	1.00 U	4.60	1.00 U	1.00 U	1.00 U
9/8/21	1.00 U	1.00 U	3.50	1.00 U	1.00 U	1.00 U
3/28/22	1.00 U	1.00 U	4.30	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-21A - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
9/18/17	0.002 U	0.002 U	0.197	0.002 U	0.002 U	50.3	0.00 U	0.02	0.002	0.3	0.002 U	38.9	13.800	0.0002 U
4/2/18	0.002 U	0.002 U	0.135	0.002 U	0.002 U	55.7	0.01	0.02	0.003	0.1 U	0.002 U	29.9	6.490	0.0002 U
9/6/18	0.002 U	0.002 U	0.215	0.002 U	0.002 U	72.4	0.01	0.02	0.003	3.2	0.002 U	32.6	5.360	0.0002 U

Gude Landfill
Monitoring Location MW-21A - Dissolved Metals

Printed 5/25/22

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
9/18/17	0.01	10.0	0.002 U	0.00 U	59.7	0.001 U	0.00 U	0.014
4/2/18	0.01	12.3	0.002 U	0.00 U	41.8	0.001 U	0.00 J	0.020
9/6/18	0.01	25.0	0.002 U	0.00 U	36.3	0.001 U	0.00	0.013

Gude Landfill
Monitoring Location MW-21A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS							10		1				
9/18/17	302.0	5.40	14.8	117.0000	0.31	328.0	1.0700	1.08	0.05 U	316.0	6.17	--	956.3
4/2/18	276.0	3.34	21.6	52.6000	--	249.0	2.5400	2.55	0.05 U	194.0	6.38	--	664.0
9/6/18	362.0	5.81	23.7	40.5000	--	307.0	0.3570	0.37	0.05 U	72.0	6.28	--	819.4
4/18/19	452.0	11.90	37.0	106.0000	0.15	366.0	0.2000 U	--	--	1.7	6.29	6.41	14.7
7/29/19	262.0	7.05	26.3	147.0000	0.15	303.0 B	0.9000	--	--	200.0	6.05	5.91	1025.0
3/11/20	81.9	4.99	19.1	56.9000	0.51	289.0	1.3600	--	--	58.2	6.22	6.28	702.0
7/30/20	379.0	8.46	32.8	104.0000	0.64	321.0	0.2600	--	--	24.3	6.12	6.31	1036.0
3/31/21	479.0	10.80	20.6	58.3000	0.08	361.0	0.0000	--	--	-33.2	6.25	6.35	914.0
9/3/21	350.0	6.20	25.6	83.5000	0.60	293.0	0.9130	--	--	13.5	6.26	6.22	911.0
3/31/22	336.0	4.71	12.8	50.2000	0.81	295.0	1.2400	--	--	240.0	6.18	6.33	737.0

Gude Landfill

Monitoring Location MW-21A - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS							
9/18/17	--	23.40	17.0	508.0	--	--	2.30
4/2/18	--	34.30	10.7	339.0	--	--	3.50
9/6/18	--	23.60	25.3	454.0	--	--	6.90
4/18/19	1120.0	17.00	12.1	624.0	10.7	35.800	8.70
7/29/19	1100.0	66.10	17.7	633.0	8.8	20.000	3.10
3/11/20	832.0	174.00	11.3	523.0	12.7	11.400	16.30
7/30/20	1100.0	18.10	20.7	578.0	72.0	14.100	26.70
3/31/21	1200.0	12.80	11.4	575.0	16.7	90.000	29.80
9/3/21	922.0	19.80	19.5	501.0	107.0	15.900	28.10
3/31/22	837.9	15.60	13.1	444.0	247.0	31.100	8.51

Gude Landfill
Monitoring Location MW-21A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
9/18/17	0.0050 U	0.0050 U	0.2050	0.0050 U	0.0050 U	53.50	0.0050 U	0.0228	0.0050 U	0.5590	0.00500 U	40.100
4/2/18	0.0050 U	0.0050 U	0.1530	0.0050 U	0.0050 U	53.20	0.0050 U	0.0160	0.0050 U	0.1530	0.00500 U	28.300
9/6/18	0.0020 U	0.0020 U	0.2020	0.0020 U	0.0020 U	70.10	0.0086	0.0236	0.0072	2.4100	0.00200 U	32.200
4/18/19	0.0010 U	0.0026	0.4760	0.0010 U	0.0010 U	69.40	0.0020	0.1390	0.0027	18.8000	0.00100 U	46.900
7/29/19	0.0010 U	0.0010 U	0.3100	0.0010 U	0.0010 U	53.60 B	0.0012	0.0832	0.0054	8.0800	0.00100 U	41.100
3/11/20	0.0010 U	0.0010 U	0.2130	0.0010 U	0.0010 U	50.70	0.0010 U	0.0670	0.0010 U	6.2900	0.00100 U	39.600
7/30/20	0.0010 U	0.0016	0.3330	0.0010 U	0.0010 U	59.80	0.0010	0.0759	0.0015	11.7000	0.00100 U	41.600
3/31/21	0.0010 U	0.0023	0.3550	0.0010 U	0.0010 U	72.40	0.0010 U	0.0783	0.0010 U	23.1000	0.00100 U	43.800
9/3/21	0.0010 U	0.0043	0.3000	0.0010 U	0.0010 U	54.90	0.0010 U	0.0720	0.0014	20.9000	0.00100 U	37.900
3/31/22	0.0010 U	0.0012	0.2960	0.0010 U	0.0010 U	60.20	0.0017	0.0723	0.0017	42.4000	0.00100 U	35.100

Gude Landfill
Monitoring Location MW-21A - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002		
9/18/17	13.80000	0.000200 U	0.0078	9.910	0.00500 U	0.0050 U	67.00	0.0050 U	0.00500 U	0.02870
4/2/18	6.61000	0.000200 U	0.0108	11.800	0.00500 U	0.0050 U	43.20	0.0050 U	0.00500 U	0.04420
9/6/18	5.94000	0.000200 U	0.0139	23.500	0.00200 U	0.0020 U	35.70	0.0010 U	0.00234	0.01470
4/18/19	16.10000	0.000635	0.0263	25.300	0.00100 U	0.0010 U	66.40	0.0013	0.00100 U	0.03950
7/29/19	13.80000	0.000100 U	0.0185	17.800	0.00100 U	0.0010 U	80.50 B	0.0010 U	0.00100 U	0.01850
3/11/20	9.83000	0.000100 U	0.0124	13.700	0.00100 U	0.0010 U	50.00	0.0010 U	0.00100 U	0.01160
7/30/20	10.50000	0.000100 U	0.0128	22.900	0.00100 U	0.0010 U	67.10	0.0010 U	0.00100 U	0.01140
3/31/21	9.19000	0.000100 U	0.0136	23.200	0.00100 U	0.0010 U	42.70	0.0010 U	0.00100 U	0.01130
9/3/21	8.61000	0.000100 U	0.0136	17.500	0.00100 U	0.0010 U	62.00	0.0010 U	0.00100 U	0.01240
3/31/22	8.99000	0.000100 U	0.0135	15.200	0.00100 U	0.0010 U	41.60	0.0010 U	0.00100 U	0.01440

Gude Landfill
Monitoring Location MW-21A - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)	
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75	
9/18/17	1.00 U	1.00 U	1.00 U	1.00 U	3.27	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/18/19	1.00 U	1.00 U	1.00 U	1.00 U	3.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10
7/29/19	1.00 U	1.00 U	1.00 U	1.00 U	6.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.70	1.00 U	1.50
3/11/20	1.00 U	1.00 U	1.00 U	1.00 U	1.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 J
7/30/20	1.00 U	1.00 U	1.00 U	1.00 U	3.90	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.20	1.00 U	1.00 J	
3/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/21	1.00 U	1.00 U	1.00 U	1.00 U	2.20	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 J
3/31/22	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-21A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
9/18/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.03	1.00 U	1.00 U
4/18/19	5.00 U	5.00 U	5.00 U	6.10 B	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U
7/29/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/11/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/31/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U
9/3/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/31/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-21A - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
9/18/17	1.00 U	10.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.79	1.00 U	1.00 U
4/2/18	1.00 U	3.03	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/18/19	1.00 U	9.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.50	1.00 U	1.00 U
7/29/19	1.00 U	20.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.40	1.00 U	1.00 U
3/11/20	1.00 U	5.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.50	1.00 U	1.00 U
7/30/20	1.00 U	12.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.30	1.00 U	1.00 U
3/31/21	1.00 U	3.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/21	1.00 U	7.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/31/22	1.00 U	4.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Monitoring Location MW-21A - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS			5			2
9/18/17	1.00 U	5.00 U	4.88	1.00 U	5.00 U	1.00 U
4/2/18	1.00 U	5.00 U	1.92	1.00 U	5.00 U	1.00 U
9/6/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U
4/18/19	1.00 U	1.00 U	5.60	1.00 U	1.00 U	1.40
7/29/19	1.00 U	1.00 U	11.30	1.00 U	1.00 U	2.30
3/11/20	1.00 U	1.00 U	3.50	1.00 U	1.00 U	1.00 U
7/30/20	1.00 U	1.00 U	7.70	1.00 U	1.00 U	1.40
3/31/21	1.00 U	1.00 U	2.30	1.00 U	1.00 U	1.00 U
9/3/21	1.00 U	1.00 U	4.90	1.00 U	1.00 U	1.00 U
3/31/22	1.00 U	1.00 U	2.60	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-21B - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
9/18/17	0.002 U	0.002 U	0.052	0.002 U	0.002 U	50.4	0.00 U	0.00 U	0.002 U	3.6	0.002 U	17.2	3.120	0.0002 U
4/2/18	0.002 U	0.002	0.090	0.002 U	0.002 U	85.5	0.01	0.01	0.002 U	22.7	0.002 U	27.1	4.280	0.0002 U
9/6/18	0.002 U	0.003	0.165	0.002 U	0.002 U	91.1	0.01	0.04	0.002 U	75.8	0.002 U	36.7	5.700	0.0002 U

Gude Landfill
Monitoring Location MW-21B - Dissolved Metals

Printed 5/25/22

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
9/18/17	0.00 U	32.0	0.002 U	0.00 U	42.3	0.001 U	0.00 U	0.002 U
4/2/18	0.01	14.5	0.005	0.00 U	53.1	0.001 U	0.00 U	0.003
9/6/18	0.01	13.2	0.004	0.00 U	69.9	0.001 U	0.00	0.002 U

Gude Landfill
Monitoring Location MW-21B - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS							10		1				
9/18/17	177.0	0.63	11.6	99.8000	--	46.0	0.2000 U	0.20 U	0.05 U	17.0	7.58	--	514.7
4/2/18	290.0	0.81	17.0	159.0000	1.22	377.0	0.2000 U	0.20 U	0.05 U	-99.0	7.02	--	1093.0
9/6/18	350.0	0.93	24.5	200.0000	--	373.0	0.2000 U	0.20 U	0.05 U	-130.0	6.59	--	1303.0
4/18/19	263.0	0.57	27.0	174.0000	0.19	294.0	0.2000 U	--	--	-79.4	6.49	6.50	1324.0
7/29/19	207.0	0.29	16.5	128.0000	0.30	254.0 B	1.5000	--	--	200.0	6.55	6.35	8.5
3/11/20	101.0	0.27	14.7	134.0000	1.00	271.0	0.2000 U	--	--	-19.3	6.44	6.60	777.0
7/30/20	247.0	0.42	25.5	181.0000	0.89	294.0	0.2000 U	--	--	0.0	6.06	6.27	1014.0
3/31/21	275.0	0.41	14.1	187.0000	0.07	279.0	0.0000	--	--	-20.2	6.09	6.22	959.0
9/3/21	214.0	0.05 U	18.5	148.0000	2.71	293.0	0.3310	--	--	15.4	6.46	6.54	834.0
3/31/22	241.0	0.46	12.1	196.0000	1.25	320.0	0.0110 U	--	--	-9.5	5.96	6.16	999.0

Gude Landfill
Monitoring Location MW-21B - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS							
9/18/17	--	45.70	21.3	418.0	--	--	38.90
4/2/18	--	11.50	10.4	479.0	--	--	51.50
9/6/18	--	6.78	28.6	666.0	--	--	7.90
4/18/19	952.0	13.40	14.2	621.0	63.4	364.000	25.10
7/29/19	842.0	40.20	20.9	507.0	22.6	102.000	30.30
3/11/20	811.0	22.00	13.1	482.0	36.8	141.000	37.90
7/30/20	1090.0	15.20	19.1	567.0	33.7	135.000	20.00
3/31/21	1110.0	16.90	13.7	282.0	46.4	86.000	25.34
9/3/21	887.0	22.30	17.3	533.0	22.9	89.500	47.10
3/31/22	1064.0	15.10	14.1	605.0	355.0	103.000	52.30

Gude Landfill
Monitoring Location MW-21B - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
9/18/17	0.0050 U	0.0050 U	0.0647	0.0050 U	0.0050 U	61.10	0.0075	0.0050 U	0.0073	5.5500	0.00500 U	21.600
4/2/18	0.0050 U	0.0050 U	0.1190	0.0050 U	0.0050 U	96.50	0.0050 U	0.0083	0.0061	28.1000	0.00500 U	33.000
9/6/18	0.0050 U	0.0050 U	0.1990	0.0050 U	0.0050 U	88.80	0.0276	0.0412	0.0266	91.2000	0.01210	36.700
4/18/19	0.0010 U	0.0020	0.1230	0.0010 U	0.0010 U	66.10	0.0112	0.0676	0.0043	63.1000	0.00115	31.400
7/29/19	0.0010 U	0.0010 U	0.0750	0.0010 U	0.0010 U	64.70 B	0.0163	0.0310	0.0024	19.0000	0.00100 U	22.600
3/11/20	0.0010 U	0.0012	0.0789	0.0010 U	0.0010 U	68.40	0.0042	0.0325	0.0051	19.4000	0.00100 U	24.400
7/30/20	0.0010 U	0.0020	0.1130	0.0010 U	0.0010 U	63.60	0.0030	0.0766	0.0030	50.1000	0.00100 U	32.800
3/31/21	0.0010 U	0.0020	0.0994	0.0010 U	0.0010 U	60.80	0.0037	0.0611	0.0029	39.8000	0.00100 U	31.000
9/3/21	0.0010 U	0.0010 U	0.0783	0.0010 U	0.0010 U	72.10	0.0034	0.0419	0.0037	9.4400	0.00100 U	27.500
3/31/22	0.0010 U	0.0026	0.0999	0.0010 U	0.0010 U	70.10	0.0099	0.0509	0.0101	32.0000	0.00267	35.300

Gude Landfill
Monitoring Location MW-21B - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002		
9/18/17	4.03000	0.000200 U	0.0050 U	30.300	0.00500 U	0.0050 U	46.80	0.0050 U	0.00500 U	0.02830
4/2/18	5.30000	0.000200 U	0.0066	14.900	0.00500 U	0.0050 U	58.50	0.0050 U	0.00500 U	0.02630
9/6/18	4.95000	0.000200 U	0.0213	13.000	0.00540	0.0050 U	70.40	0.0050 U	0.00971	0.03600
4/18/19	6.39000	0.000142	0.0336	8.050	0.00100 U	0.0010 U	60.00	0.0010 U	0.00100 U	0.01050
7/29/19	4.72000	0.000100 U	0.0265	16.900	0.00100 U	0.0010 U	45.20 B	0.0010 U	0.00100 U	0.00959
3/11/20	4.32000	0.000100 U	0.0168	11.600	0.00100 U	0.0010 U	42.50	0.0010 U	0.00100 U	0.00794
7/30/20	5.15000	0.000100 U	0.0330	5.310	0.00100 U	0.0010 U	69.00	0.0010 U	0.00100 U	0.01070
3/31/21	5.12000	0.000100 U	0.0275	3.920	0.00100 U	0.0010 U	62.30	0.0010 U	0.00100 U	0.01110
9/3/21	4.19000	0.000100 U	0.0240	10.400	0.00100 U	0.0010 U	51.90	0.0010 U	0.00100 U	0.01410
3/31/22	4.68000	0.000100 U	0.0310	3.560	0.00100 U	0.0010 U	73.30	0.0010 U	0.00141	0.01930

Gude Landfill
Monitoring Location MW-21B - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS		200		5		7			0.2	0.05	600	5	5		75
9/18/17	1.00 U	1.00 U	1.00 U	1.00 U	2.27	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/18	1.00 U	1.00 U	1.00 U	1.00 U	4.61	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U
9/6/18	1.00 U	1.00 U	1.00 U	1.00 U	5.59	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.65	1.00 U	1.39
4/18/19	1.00 U	1.00 U	1.00 U	1.00 U	7.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.40	1.00 U	1.00 U
7/29/19	1.00 U	1.00 U	1.00 U	1.00 U	4.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U
3/11/20	1.00 U	1.00 U	1.00 U	1.00 U	5.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U
7/30/20	1.00 U	1.00 U	1.00 U	1.00 U	9.60	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	3.00	1.00 U	1.00 U
3/31/21	1.00 U	1.00 U	1.00 U	1.00 U	10.30	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	3.00	1.00 U	1.00 U
9/3/21	1.00 U	1.00 U	1.00 U	1.00 U	2.90	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/31/22	1.00 U	1.00 U	1.00 U	1.00 U	10.60	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	3.20	1.00 U	1.40

Gude Landfill
Monitoring Location MW-21B - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
9/18/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	5.22
4/2/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.15	1.00 U	1.00 U
4/18/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/11/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/31/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/31/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-21B - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
9/18/17	1.00 U	2.63	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.24	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/18	1.00 U	5.18	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/18	1.00 U	9.66	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/18/19	1.00 U	17.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/19	1.00 U	10.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.90	1.00 U	1.00 U
3/11/20	1.00 U	12.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.60	1.00 U	1.00 U
7/30/20	1.00 U	26.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.60	1.00 U	1.00 U
3/31/21	1.00 U	25.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.60	1.00 U	1.00 U
9/3/21	1.00 U	6.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U
3/31/22	1.00 U	34.70	1.00 U	1.00 U	1.00 U	2.20	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	6.20	1.50	1.30

Gude Landfill
Monitoring Location MW-21B - Volatile Organic Compounds

Printed 5/25/22

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS			5			2
9/18/17	1.00 U	5.00 U	1.15	1.00 U	5.00 U	1.00 U
4/2/18	1.00 U	5.00 U	1.73	1.00 U	5.00 U	1.00 U
9/6/18	1.00 U	5.00 U	2.73	1.00 U	5.00 U	1.20
4/18/19	1.00 U	1.00 U	11.70	1.00 U	1.00 U	2.40
7/29/19	1.00 U	1.00 U	6.40	1.00 U	1.00 U	1.00 U
3/11/20	1.00 U	1.00 U	9.50	1.00 U	1.00 U	1.20
7/30/20	1.00 U	1.00 U	17.20	1.00 U	1.00 U	2.70
3/31/21	1.00 U	1.00 U	16.60	1.00 U	1.00 U	3.50
9/3/21	1.00 U	1.00 U	4.80	1.00 U	1.00 U	1.00 U
3/31/22	1.00 U	1.00 U	21.20	1.00 U	1.00 U	3.20

Gude Landfill
Monitoring Location MW-22A - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
9/14/17	0.002 U	0.002 U	0.018	0.002 U	0.002 U	103.0	0.00	0.00 U	0.002 U	4.0	0.002 U	30.6	1.090	0.0002 U
3/29/18	0.002 U	0.002 U	0.024	0.002 U	0.002 U	107.0	0.01	0.00	0.002 U	3.0	0.002 U	32.8	1.620	0.0002 U
9/5/18	0.002 U	0.002 U	0.019	0.002 U	0.002 U	119.0	0.01	0.00 U	0.002 U	3.8	0.002 U	29.8	1.060	0.0002 U

Gude Landfill

Printed 5/25/22

Monitoring Location MW-22A - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
9/14/17	0.00	4.4	0.003	0.00 U	71.9	0.001 U	0.00 U	0.002 U
3/29/18	0.01	4.7	0.005	0.00 U	78.4	0.001 U	0.00 U	0.004
9/5/18	0.00	4.5	0.004	0.00 U	69.2	0.001 U	0.00 U	0.002 U

Gude Landfill
Monitoring Location MW-22A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS							10		1				
9/14/17	295.0	0.20 U	10.0 U	137.0000	0.00	410.0	0.2000 U	0.20 U	0.05 U	170.0	6.65	--	1047.0
3/29/18	298.0	0.20 U	11.9	145.0000	--	440.0	0.2000 U	0.20 U	0.05 U	8.0	6.87	--	920.8
9/5/18	305.0	0.20 U	12.2	154.0000	--	430.0	0.2000 U	0.20 U	0.05 U	-12.0	6.68	--	1054.0
4/10/19	360.0	0.10 U	14.0	131.0000	0.02	364.0 B	0.2000 U	--	--	-20.9	6.46	6.39	1291.0
7/29/19	373.0	0.10 U	12.3	141.0000	0.21	372.0 B	0.2000 U	--	--	199.9	6.42	6.21	1018.0
3/5/20	406.0	0.12	7.7	130.0000	0.46	369.0	0.2000 U	--	--	23.4	6.43	6.55	1005.0
7/28/20	373.0	0.11	24.8	143.0000	0.49	397.0	0.2000 U	--	--	-23.1	6.50	6.79	1085.0
3/23/21	377.0	0.10 U	9.9	147.0000	0.01	380.0	0.1260	--	--	-33.4	6.51	6.58	1197.0
9/2/21	427.0	0.08	22.4	150.0000	0.54	431.0	0.0110 U	--	--	-10.8	6.78	6.61	1117.0
3/28/22	374.0	0.11	6.3	153.0000	0.87	462.0	0.0110 U	--	--	-21.5	6.49	6.61	1048.0

Gude Landfill

Monitoring Location MW-22A - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS							
9/14/17	--	35.50	16.8	595.0	--	--	23.50
3/29/18	--	37.50	13.7	573.0	--	--	8.50
9/5/18	--	33.00	27.5	629.0	--	--	5.50
4/10/19	1070.0	39.60	13.5	645.0	6.4	20.700	6.50
7/29/19	1120.0	37.50	16.2	681.0	36.7	24.100	5.40
3/5/20	1110.0	33.20	12.9	667.0	5.0	20.300	3.00
7/28/20	1210.0	35.00	17.2	711.0	19.7	4.110	8.30
3/23/21	1220.0	37.50	13.5	729.0	55.2	52.700	5.12
9/2/21	1200.0	36.50	177.0	714.0	687.0	28.100	40.20
3/28/22	1211.0	37.20	13.1	670.0	1060.0	38.300	22.50

Gude Landfill
Monitoring Location MW-22A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
9/14/17	0.0050 U	0.0050 U	0.0228	0.0050 U	0.0050 U	110.00	0.0050 U	0.0050 U	0.0050 U	4.6900	0.00500 U	30.000
3/29/18	0.0020 U	0.0020 U	0.0168	0.0020 U	0.0020 U	121.00	0.0029	0.0020 U	0.0020 U	4.0300	0.00200 U	28.900
9/5/18	0.0020 U	0.0020	0.0186	0.0020 U	0.0020 U	124.00	0.0037	0.0020 U	0.0028	4.2600	0.00200 U	29.300
4/10/19	0.0010 U	0.0010 U	0.0219	0.0010 U	0.0010 U	85.40 B	0.0010 U	0.0011	0.0010 U	4.2500	0.00100 U	36.600
7/29/19	0.0010 U	0.0016	0.0238	0.0010 U	0.0010 U	91.00 B	0.0020	0.0014	0.0021	8.6800	0.00100 U	35.300
3/5/20	0.0010 U	0.0010 U	0.0278	0.0010 U	0.0013	86.70	0.0010 U	0.0031	0.0023	3.3900	0.00100 U	38.500
7/28/20	0.0010 U	0.0010 U	0.0216	0.0010 U	0.0010 U	98.30	0.0011	0.0010 J	0.0010 U	4.9900	0.00100 U	36.900
3/23/21	0.0010 U	0.0016	0.0257	0.0010 U	0.0010 U	96.20	0.0062	0.0016	0.0039	9.3300	0.00292	33.800
9/2/21	0.0010 U	0.0018	0.0324	0.0010 U	0.0010 U	111.00	0.0091	0.0024	0.0065	11.4000	0.00379	37.600
3/28/22	0.0010 U	0.0019	0.0351	0.0011	0.0010 U	124.00	0.0092	0.0036	0.0159	14.9000	0.01080	36.200

Gude Landfill
Monitoring Location MW-22A - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002		
9/14/17	0.73700	0.000200 U	0.0050 U	4.450	0.00500 U	0.0050 U	57.90	0.0050 U	0.00500 U	0.02030
3/29/18	0.62000	0.000200 U	0.0033	4.310	0.00534	0.0020 U	58.50	0.0010 U	0.00200 U	0.00235
9/5/18	0.72100	0.000200 U	0.0037	4.350	0.00440	0.0020 U	59.40	0.0010 U	0.00200 U	0.01120
4/10/19	1.73000	0.000100 U	0.0049	4.930	0.00100 U	0.0010 U	83.20	0.0010 U	0.00100 U	0.00479
7/29/19	1.93000	0.000100 U	0.0058	5.100	0.00100 U	0.0010 U	85.20 B	0.0010 U	0.00100 U	0.00400 U
3/5/20	2.52000	0.000100 U	0.0085	5.130	0.00100 U	0.0010 U	107.00	0.0010 U	0.00100 U	0.00429
7/28/20	1.36000	0.000100 U	0.0063	5.220	0.00100 U	0.0010 U	86.30	0.0010 U	0.00100 U	0.00400 U
3/23/21	1.24000	0.000100 U	0.0056	4.900	0.00100 U	0.0010 U	75.90	0.0010 U	0.00177	0.00583
9/2/21	1.29000	0.000100 U	0.0083	5.810	0.00102	0.0010 U	86.20	0.0010 U	0.00377	0.01010
3/28/22	1.27000	0.000100 U	0.0080	5.380 B	0.00256	0.0010 U	73.00	0.0010 U	0.00497	0.01400

Gude Landfill
Monitoring Location MW-22A - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75
9/14/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/5/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/10/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30
7/28/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-22A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
9/14/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/5/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/10/19	5.00 U	5.00 U	5.00 U	5.50	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/5/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/28/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-22A - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
9/14/17	1.00 U	5.65	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/18	1.00 U	6.51	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/5/18	1.00 U	4.87	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/10/19	1.00 U	4.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/19	1.00 U	7.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U
3/5/20	1.00 U	4.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/28/20	1.00 U	5.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/21	1.00 U	4.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/21	1.00 U	4.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	1.00 U	6.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Monitoring Location MW-22A - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS			5			2
9/14/17	1.00 U	5.00 U	5.21	1.00 U	5.00 U	1.00 U
3/29/18	1.00 U	5.00 U	4.82	1.00 U	5.00 U	1.00 U
9/5/18	1.00 U	5.00 U	3.08	1.00 U	5.00 U	1.00 U
4/10/19	1.00 U	1.00 U	3.40	1.00 U	1.00 U	1.00 U
7/29/19	1.00 U	1.00 U	3.80	1.00 U	1.00 U	1.00 U
3/5/20	1.00 U	1.00 U	2.90	1.00 U	1.00 U	1.00 U
7/28/20	1.00 U	1.00 U	3.60	1.00 U	1.00 U	1.00 U
3/23/21	1.00 U	1.00 U	3.70	1.00 U	1.00 U	1.00 U
9/2/21	1.00 U	1.00 U	3.30	1.00 U	1.00 U	1.00 U
3/28/22	1.00 U	1.00 U	4.20	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-22B - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
9/14/17	0.002 U	0.005	0.056	0.002 U	0.002 U	103.0	0.00	0.00 U	0.002 U	1.9	0.002 U	25.2	0.823	0.0002 U
3/29/18	0.002 U	0.011	0.043	0.002 U	0.002 U	114.0	0.00	0.00 U	0.002 U	2.6	0.002 U	25.7	0.767	0.0002 U
9/5/18	0.002 U	0.005	0.040	0.002 U	0.002 U	114.0	0.01	0.00 U	0.002 U	1.1	0.002 U	25.6	0.641	0.0002 U

Gude Landfill
Monitoring Location MW-22B - Dissolved Metals

Printed 5/25/22

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
9/14/17	0.01	9.3	0.003	0.00 U	84.5	0.001 U	0.00 U	0.002 U
3/29/18	0.01	8.6	0.005	0.00 U	67.4	0.001 U	0.00 U	0.003
9/5/18	0.01	7.6	0.003	0.00 U	55.1	0.001 U	0.00 U	0.004

Gude Landfill
Monitoring Location MW-22B - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)
MCL/ GWPS							10		1					
9/14/17	328.0	0.20 U	10.0 U	125.0000	0.00	400.0	0.2000 U	0.20 U	0.05 U	150.0	6.91	--	959.6	--
3/29/18	323.0	0.20 U	10.1	129.0000	--	412.0	0.2000 U	0.20 U	0.05 U	-32.0	6.84	--	940.2	--
9/5/18	298.0	0.20 U	10.2	133.0000	--	392.0	0.2000 U	0.20 U	0.05 U	-34.0	6.80	--	967.1	--
4/10/19	283.0	0.10 U	8.0	120.0000	0.37	343.0 B	0.2000 U	--	--	-57.1	6.90	6.75	1162.0	953.0
7/29/19	289.0	0.10 U	18.6	127.0000	0.43	320.0 B	0.4000	--	--	200.0	6.87	6.11	918.0	954.0
3/5/20	285.0	0.10 U	3.0 U	123.0000	0.58	340.0	0.2000 U	--	--	-46.3	6.88	6.94	830.0	932.0
7/28/20	262.0	0.10 U	19.8	117.0000	0.66	320.0	0.2000 U	--	--	61.5	6.91	7.10	970.0	943.0
3/23/21	254.0	0.10 U	3.3	123.0000	6.00	304.0	0.0760	--	--	173.8	7.28	7.34	897.0	935.0
9/2/21	279.0	0.05 U	14.3	121.0000	2.31	343.0	0.0110 U	--	--	258.1	7.18	7.07	916.0	917.0
3/28/22	274.0	0.03	7.4	119.0000	1.70	360.0	0.0110 U	--	--	-60.1	6.89	6.96	735.0	925.9

Gude Landfill
Monitoring Location MW-22B - General Parameters

Printed 5/25/22

	Sulfate, total (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS						
9/14/17	43.50	18.1	615.0	--	--	344.10
3/29/18	36.80	15.2	557.0	--	--	0.00
9/5/18	29.80	20.4	574.0	--	--	1.90
4/10/19	75.10	15.4	599.0	10.2	33.100	6.00
7/29/19	37.20	19.0	585.0	8.6	15.300	9.40
3/5/20	34.10	13.0	540.0	6.8	31.200	8.90
7/28/20	31.30	23.2	572.0	8.9	15.800	16.00
3/23/21	33.70	12.3	556.0	10.4	10.500	16.11
9/2/21	31.80	20.9	558.0	8.6	15.100	6.30
3/28/22	28.00	9.5	514.0	23.5	42.600	17.10

Gude Landfill
Monitoring Location MW-22B - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
9/14/17	0.0020 U	0.0052	0.0561	0.0020 U	0.0020 U	109.00	0.0025	0.0020 U	0.0020 U	2.1300	0.00200 U	26.500
3/29/18	0.0020 U	0.0122	0.0436	0.0020 U	0.0020 U	118.00	0.0032	0.0020 U	0.0020 U	2.5500	0.00200 U	24.100
9/5/18	0.0020 U	0.0067	0.0409	0.0020 U	0.0020 U	114.00	0.0024	0.0020 U	0.0020 U	1.8700	0.00200 U	26.000
4/10/19	0.0010 U	0.0085	0.0355	0.0010 U	0.0010 U	89.80 B	0.0026	0.0011	0.0010 U	3.5500	0.00100 U	28.900
7/29/19	0.0010 U	0.0046	0.0335	0.0010 U	0.0010 U	85.00 B	0.0038	0.0010 U	0.0015	1.5000	0.00100 U	26.100
3/5/20	0.0010 U	0.0098	0.0357	0.0010 U	0.0010 U	89.70	0.0013	0.0010 U	0.0010 U	3.5500	0.00100 U	27.800
7/28/20	0.0011	0.0054	0.0330	0.0010 U	0.0010 U	83.90	0.0045	0.0010 U	0.0025	2.1300	0.00100 U	26.900
3/23/21	0.0010 U	0.0043	0.0295	0.0010 U	0.0010 U	81.10	0.0018	0.0010 U	0.0034	1.4600	0.00100 U	24.700
9/2/21	0.0010 U	0.0074	0.0334	0.0010 U	0.0010 U	91.20	0.0016	0.0010 U	0.0017	2.4700	0.00100 U	28.000
3/28/22	0.0010 U	0.0096	0.0329	0.0010 U	0.0010 U	99.40	0.0107	0.0036	0.0028	3.9200	0.00100 U	26.200

**Gude Landfill
Monitoring Location MW-22B - Total Metals**

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002		
9/14/17	0.84300	0.000200 U	0.0068	9.510	0.00262	0.0020 U	73.20	0.0010 U	0.00200 U	0.00250
3/29/18	0.78900	0.000200 U	0.0064	8.290	0.00483	0.0020 U	66.90	0.0010 U	0.00200 U	0.00284
9/5/18	0.65800	0.000200 U	0.0061	7.660	0.00351	0.0020 U	55.50	0.0010 U	0.00200 U	0.00511
4/10/19	0.60800	0.000100 U	0.0047	7.340	0.00100 U	0.0010 U	57.10	0.0010 U	0.00100 U	0.01110
7/29/19	0.52200	0.000100 U	0.0049	6.930	0.00100 U	0.0010 U	51.40 B	0.0010 U	0.00100 U	0.00552
3/5/20	0.56600	0.000100 U	0.0035	7.270	0.00100 U	0.0010 U	52.60	0.0010 U	0.00100 U	0.00446
7/28/20	0.48600	0.000100 U	0.0070	6.820	0.00100 U	0.0010 U	51.00	0.0010 U	0.00100 U	0.00445
3/23/21	0.23400	0.000100 U	0.0038	6.420	0.00100 U	0.0010 U	45.00	0.0010 U	0.00100 U	0.00635
9/2/21	0.31500	0.000100 U	0.0031	7.080	0.00100 U	0.0010 U	49.90	0.0010 U	0.00100 U	0.00424
3/28/22	0.49300	0.000100 U	0.0094	7.360 B	0.00100 U	0.0010 U	44.40	0.0010 U	0.00100 U	0.01090

Gude Landfill
Monitoring Location MW-22B - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)	
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75	
9/14/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/5/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/10/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/28/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-22B - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
9/14/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/5/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/10/19	5.00 U	5.00 U	5.00 U	6.50 B	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/5/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/28/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-22B - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
9/14/17	1.00 U	4.84	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/18	1.00 U	4.22	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/5/18	1.00 U	2.81	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/10/19	1.00 U	4.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/19	1.00 U	3.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/5/20	1.00 U	3.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/28/20	1.00 U	1.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	1.00 U	3.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Monitoring Location MW-22B - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS			5			2
9/14/17	1.00 U	5.00 U	2.50	1.00 U	5.00 U	1.00 U
3/29/18	1.00 U	5.00 U	1.91	1.00 U	5.00 U	1.00 U
9/5/18	1.00 U	5.00 U	1.98	1.00 U	5.00 U	1.00 U
4/10/19	1.00 U	1.00 U	1.80	1.00 U	1.00 U	1.00 U
7/29/19	1.00 U	1.00 U	1.80	1.00 U	1.00 U	1.00 U
3/5/20	1.00 U	1.00 U	1.20	1.00 U	1.00 U	1.00 U
7/28/20	1.00 U	1.00 U	1.30	1.00 U	1.00 U	1.00 U
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-23A - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
9/14/17	0.002 U	0.002 U	0.083	0.002 U	0.002 U	11.4	0.00	0.00 U	0.002 U	0.2 U	0.002 U	11.0	0.054	0.0002 U
3/28/18	0.002 U	0.002 U	0.075	0.002 U	0.002 U	12.4	0.00	0.00 U	0.002 U	0.2 U	0.002 U	11.4	0.049	0.0002 U
9/6/18	0.002 U	0.002 U	0.090	0.002 U	0.002 U	13.4	0.01	0.00 U	0.002 U	0.1 U	0.002 U	13.0	0.051	0.0002 U

Gude Landfill
Monitoring Location MW-23A - Dissolved Metals

Printed 5/25/22

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
9/14/17	0.00 U	2.6	0.002 U	0.00 U	18.9	0.001 U	0.00 U	0.005
3/28/18	0.00	2.5	0.002 U	0.00 U	18.7	0.001 U	0.00 U	0.007
9/6/18	0.00	3.0	0.002 U	0.00 U	22.6	0.001 U	0.00 U	0.007

Gude Landfill
Monitoring Location MW-23A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)
MCL/ GWPS							10		1					
9/14/17	27.0	0.20 U	10.0 U	56.8000	--	100.0	3.3000	3.31	0.05 U	485.0	5.21	--	252.5	--
3/28/18	27.5	0.20 U	10.0 U	64.2000	--	144.0	3.0100	3.06	0.05 U	333.0	5.30	--	257.8	--
9/6/18	26.5	0.20 U	10.0 U	69.2000	--	89.4	3.4400	3.45	0.05 U	243.0	5.33	--	291.5	--
4/15/19	27.1	0.10 U	4.0	83.4000	1.79	102.0	4.0000	--	--	280.1	5.27	5.42	434.3	359.0
8/7/19	25.6	0.16	3.0 U	97.6000	1.56	106.0 B	4.0000	--	--	321.6	4.92	5.42	0.4	411.0
3/12/20	61.0	0.10 U	20.8	28.3000	0.66	81.6	0.1300 J	--	--	-153.5	6.78	6.80	216.2	209.0
8/3/20	69.6	0.10 U	16.7	94.1000	0.63	179.0	0.4500	--	--	55.6	6.24	6.37	420.0	486.0
3/24/21	63.5	0.19	38.0	34.2000	1.78	62.1	0.4910	--	--	20.1	6.76	7.29	270.9	222.0
9/7/21	83.8	0.05 U	26.7	92.2000	0.48	174.0	0.6650	--	--	-58.3	6.17	6.41	453.9	469.0
3/28/22	67.2	0.08	12.2	92.1000	1.29	139.0	0.1750	--	--	-53.4	6.35	6.60	341.5	369.5

Gude Landfill
Monitoring Location MW-23A - General Parameters

Printed 5/25/22

	Sulfate, total (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS						
9/14/17	4.00 U	19.2	195.0	--	--	39.20
3/28/18	4.00 U	14.4	226.0	--	--	11.10
9/6/18	4.00 U	27.6	210.0	--	--	42.70
4/15/19	3.20	16.1	260.0	498.0	119.000	140.70
8/7/19	4.20	11.3	304.0	122.0	43.600	31.62
3/12/20	5.48	17.3	121.0	7.1	7.290	3.30
8/3/20	11.90	16.9	277.0	188.0	37.400 O-	70.40
3/24/21	6.00	17.2	159.0	50.4	78.800	0.97
9/7/21	14.40	17.4	266.0	185.0	16.000	22.10
3/28/22	7.80	10.1	221.0	92.3	22.300	25.90

Gude Landfill
Monitoring Location MW-23A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
9/14/17	0.0050 U	0.0050 U	0.0939	0.0050 U	0.0050 U	14.70	0.0050 U	0.0050 U	0.0050 U	0.9770	0.00500 U	12.600
3/28/18	0.0050 U	0.0050 U	0.0946	0.0050 U	0.0050 U	15.40	0.0083	0.0050 U	0.0050 U	4.3000	0.00500 U	13.100
9/6/18	0.0050 U	0.0050 U	0.1020	0.0050 U	0.0050 U	13.80	0.0059	0.0050 U	0.0050 U	2.3100	0.00500 U	13.400
4/15/19	0.0010 U	0.0010 U	0.1520	0.0010 U	0.0010 U	12.50	0.0154	0.0060	0.0017	5.6000	0.00273	17.300
8/7/19	0.0010 U	0.0010 U	0.1370	0.0010 U	0.0010 U	13.20 B	0.0102	0.0043	0.0012	3.1500	0.00225	17.700
3/12/20	0.0010 U	0.0010 U	0.0143	0.0010 U	0.0010 U	14.00	0.0160	0.0011	0.0011	1.0700	0.00100 U	11.300
8/3/20	0.0010 U	0.0010 U	0.0064	0.0010 U	0.0010 U	21.20	0.0040	0.0035	0.0041	6.1400	0.00100 U	30.600
3/24/21	0.0014	0.0010 U	0.0666	0.0010 U	0.0010 U	13.90	0.0155	0.0027	0.0163	5.0100	0.00483	6.680
9/7/21	0.0010 U	0.0010 U	0.0117	0.0010 U	0.0010 U	22.00	0.0100	0.0043	0.0060	3.7300	0.00100 U	28.800
3/28/22	0.0010 U	0.0010 U	0.0211	0.0010 U	0.0010 U	22.10	0.0070	0.0028	0.0137	3.6900	0.00198	20.300

Gude Landfill
Monitoring Location MW-23A - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002		
9/14/17	0.07340	0.000698	0.0050 U	2.710	0.00500 U	0.0050 U	18.70	0.0050 U	0.00500 U	0.02620
3/28/18	0.07360	0.000601	0.0084	2.680	0.00500 U	0.0050 U	17.10	0.0050 U	0.00620	0.03620
9/6/18	0.07020	0.000526	0.0050 U	3.050	0.00500 U	0.0050 U	21.50	0.0050 U	0.00500 U	0.00915
4/15/19	0.11300	0.000827	0.0125	3.420	0.00224	0.0010 U	27.20 B	0.0010 U	0.00802	0.02030
8/7/19	0.08910	0.000549	0.0078	3.550	0.00105	0.0010 U	27.80 B	0.0010 U	0.00307	0.02040 B
3/12/20	0.10400	0.000100 U	0.0112	10.800	0.00100 U	0.0010 U	13.70	0.0010 U	0.00100 U	0.03830
8/3/20	0.48400	0.000100 U	0.0055	2.140	0.00100 U	0.0010 U	19.70	0.0010 U	0.00100 U	0.01710
3/24/21	0.12000	0.000100 U	0.0206	8.870	0.00100 U	0.0010 U	13.20	0.0010 U	0.00533	0.14400 QB
9/7/21	0.46300	0.000100 U	0.0146	2.410	0.00100 U	0.0010 U	18.50	0.0010 U	0.00156	0.02050
3/28/22	0.21500	0.000100 U	0.0095	5.020 B	0.00100 U	0.0010 U	13.00	0.0010 U	0.00187	0.08040

Gude Landfill
Monitoring Location MW-23A - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)	
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75	
9/14/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.14
4/15/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/7/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-23A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
9/14/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.15
3/28/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/15/19	5.00 U	5.00 U	5.00 U	5.20 B	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/7/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	5.00 U	5.00 U	5.00 U	7.10	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/21	5.00 U	5.00 U	5.00 U	5.40	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-23A - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
9/14/17	1.00 U	3.43	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.14	1.00 U	1.00 U
3/28/18	1.00 U	4.53	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.91	1.00 U	1.00 U
9/6/18	1.00 U	4.32	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.86	1.00 U	1.00 U
4/15/19	1.00 U	4.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.90	1.00 U	1.00 U
8/7/19	1.00 U	4.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.50	1.00 U	1.00 U
3/12/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	2.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.90	1.00 U	1.00 U
3/24/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	2.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.40	1.00 U	1.00 U
3/28/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Monitoring Location MW-23A - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS			5			2
9/14/17	1.00 U	5.00 U	1.89	1.00 U	5.00 U	1.00 U
3/28/18	1.00 U	5.00 U	1.85	1.00 U	5.00 U	1.00 U
9/6/18	1.00 U	5.00 U	1.52	1.00 U	5.00 U	1.00 U
4/15/19	1.00 U	1.00 U	1.60	1.00 U	1.00 U	1.00 U
8/7/19	1.00 U	1.00 U	1.60	1.00 U	1.00 U	1.00 U
3/12/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-23B - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
9/14/17	0.002 U	0.002 U	0.003	0.002 U	0.002 U	16.0	0.00 U	0.00 U	0.002 U	0.6	0.002 U	18.3	0.107	0.0002 U
3/28/18	0.002 U	0.002 U	0.004	0.002 U	0.002 U	20.8	0.00 U	0.00 U	0.002 U	0.5	0.002 U	21.9	0.148	0.0002 U
9/6/18	0.002 U	0.002 U	0.003	0.002 U	0.002 U	23.5	0.00 U	0.00 U	0.002 U	0.5	0.002 U	23.1	0.151	0.0002 U

Gude Landfill
Monitoring Location MW-23B - Dissolved Metals

Printed 5/25/22

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
9/14/17	0.00 U	1.5	0.002 U	0.00 U	13.5	0.001 U	0.00 U	0.003
3/28/18	0.00	1.7	0.002	0.00 U	15.8	0.001 U	0.00 U	0.006
9/6/18	0.00	1.8	0.002 U	0.00 U	16.1	0.001 U	0.00 U	0.004

Gude Landfill
Monitoring Location MW-23B - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)
MCL/ GWPS							10		1					
9/14/17	49.0	0.20 U	10.0 U	71.5000	0.00	144.0	0.2000 U	0.20 U	0.05 U	189.0	6.70	--	334.6	--
3/28/18	56.8	0.20 U	10.0 U	78.6000	--	180.0	0.2400	0.25	0.05 U	18.0	7.00	--	338.7	--
9/6/18	54.1	0.20 U	10.0 U	88.4000	--	150.0	0.2000 U	0.20 U	0.05 U	-13.0	6.61	--	393.1	--
4/15/19	83.9	0.10 U	4.0	89.0000	0.13	160.0	0.3000	--	--	-25.5	6.66	6.78	541.0	446.0
8/7/19	63.0	0.10 U	11.5	65.8000	3.08	117.0 B	0.2000 U	--	--	133.1	6.61	6.89	0.3	347.0
3/12/20	24.1	0.10 U	3.0 U	92.3000	1.93	129.0	3.9100	--	--	261.1	5.02	5.45	524.0	408.0
8/3/20	20.2	0.10 U	19.9	92.8000	1.92	122.0	3.5500	--	--	264.0	5.31	5.30	380.2	412.0
3/25/21	24.4	0.10 U	3.0 U	95.0000	1.92	123.0	3.4600	--	--	254.2	5.22	5.44	386.4	410.0
9/7/21	35.6	0.05 U	18.0	87.5000	2.75	125.0	3.0600	--	--	28.7	5.33	5.49	358.4	395.0
3/28/22	35.1	0.02 J	3.0 U	95.5000	3.25	123.0	3.2700	--	--	164.7	5.21	5.38	354.1	418.0

Gude Landfill
Monitoring Location MW-23B - General Parameters

Printed 5/25/22

	Sulfate, total (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS						
9/14/17	9.73	16.4	222.0	--	--	0.80
3/28/18	12.60	13.2	268.0	--	--	3.90
9/6/18	9.81	24.9	225.0	--	--	0.00
4/15/19	7.60	14.7	285.0	34.3	10.000	9.90
8/7/19	8.60	17.4	205.0	69.8	9.560	0.70
3/12/20	6.00	16.5	267.0	307.0	91.800	9.60
8/3/20	4.05	18.5	256.0	1670.0	82.000	120.10
3/25/21	4.20	17.8	247.0	664.0	34.500	77.50
9/7/21	3.30	18.8	219.0	657.0	107.000	122.00
3/28/22	3.80	13.9	224.0	646.0	272.000	321.00

Gude Landfill
Monitoring Location MW-23B - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
9/14/17	0.0020 U	0.0020 U	0.0027	0.0020 U	0.0020 U	16.40	0.0020 U	0.0020 U	0.0020 U	0.6100	0.00200 U	18.600
3/28/18	0.0020 U	0.0020 U	0.0044	0.0020 U	0.0020 U	20.00	0.0024	0.0020 U	0.0020 U	0.6850	0.00200 U	21.100
9/6/18	0.0020 U	0.0020 U	0.0038	0.0020 U	0.0020 U	22.80	0.0036	0.0020 U	0.0028	1.4500	0.00200 U	22.600
4/15/19	0.0010 U	0.0010 U	0.0052	0.0010 U	0.0010 U	21.30	0.0056	0.0031	0.0023	2.4500	0.00100 U	26.000
8/7/19	0.0010 U	0.0010 U	0.0109	0.0010 U	0.0010 U	16.10 B	0.0058	0.0012	0.0045	0.4690	0.00107	18.500
3/12/20	0.0010 U	0.0010 U	0.1690	0.0010 U	0.0010 U	16.20	0.0410	0.0082	0.0010 U	8.4000	0.00396	21.400
8/3/20	0.0010 U	0.0010 U	0.1490	0.0010 U	0.0010 U	15.70	0.0157	0.0052	0.0022	5.0400	0.00307	20.200
3/25/21	0.0010 U	0.0011	0.1820	0.0010 U	0.0010 U	15.70	0.0259	0.0082	0.0047	9.9600	0.00512	20.300
9/7/21	0.0010 U	0.0010 U	0.1620	0.0010 U	0.0010 U	17.90	0.0254	0.0071	0.0037	8.9500	0.00399	19.500
3/28/22	0.0010 U	0.0010 U	0.1960	0.0010 U	0.0010 U	17.60	0.0081	0.0058	0.0080	1.2000	0.00458	19.300

Gude Landfill
Monitoring Location MW-23B - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002		
9/14/17	0.11300	0.000200 U	0.0020 U	1.440	0.00200 U	0.0020 U	13.70	0.0010 U	0.00200 U	0.00358
3/28/18	0.15500	0.000200 U	0.0025	1.660	0.00200 U	0.0020 U	15.40	0.0010 U	0.00200 U	0.00632
9/6/18	0.18000	0.000200 U	0.0033	1.770	0.00200 U	0.0020 U	15.70	0.0010 U	0.00200 U	0.00594
4/15/19	0.58900	0.000100 U	0.0052	1.990	0.00100 U	0.0010 U	21.80 B	0.0010 U	0.00100 U	0.00668
8/7/19	0.05610	0.000100 U	0.0046	4.350	0.00100 U	0.0010 U	16.20 B	0.0010 U	0.00100 U	0.03780 B
3/12/20	0.14100	0.000646	0.0303	3.850	0.00139	0.0010 U	27.70	0.0010 U	0.01050	0.02690
8/3/20	0.10100	0.000628	0.0117	3.630	0.00123	0.0010 U	28.50	0.0010 U	0.00779	0.02330
3/25/21	0.12900	0.000543	0.0245	3.740	0.00100 U	0.0010 U	23.70	0.0010 U	0.01230	0.08060
9/7/21	0.13600	0.000221	0.0272	3.790	0.00157	0.0010 U	23.80	0.0010 U	0.01060	0.67400
3/28/22	0.15200	0.000578	0.0088	3.870 B	0.00227	0.0010 U	29.30	0.0010 U	0.00348	0.07150

Gude Landfill
Monitoring Location MW-23B - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)	
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75	
9/14/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.01
4/15/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/7/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/25/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-23B - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
9/14/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/15/19	5.00 U	5.00 U	5.00 U	7.30 B	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/7/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/25/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-23B - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
9/14/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/18	1.00 U	1.23	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.74	1.00 U
4/15/19	1.00 U	3.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.40	1.00 U	1.00 U
8/7/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/20	1.00 U	4.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.50	1.00 U	1.00 U
8/3/20	1.00 U	4.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.60	1.00 U	1.00 U
3/25/21	1.00 U	4.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.10	1.00 U	1.00 U
9/7/21	1.00 U	2.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.90	1.00 U	1.00 U
3/28/22	1.00 U	3.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.80	1.00 U	1.00 U

Gude Landfill

Monitoring Location MW-23B - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS			5			2
9/14/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U
3/28/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U
9/6/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U
4/15/19	1.00 U	1.00 U	1.10	1.00 U	1.00 U	1.00 U
8/7/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/20	1.00 U	1.00 U	1.20	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	1.00 U	1.30	1.00 U	1.00 U	1.00 U
3/25/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-24A - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
9/13/17	0.002 U	0.005	0.271	0.002 U	0.002 U	64.3	0.00 J	0.05	0.002 U	22.2	0.002 U	55.8	6.290	0.0002 U
4/2/18	0.002 U	0.007	0.244	0.002 U	0.002 U	66.6	0.00	0.05	0.002 U	21.7	0.002 U	58.0	6.530	0.0002 U
9/6/18	0.002 U	0.007	0.278	0.002 U	0.002 U	70.1	0.01	0.06	0.002 U	23.3	0.002 U	60.9	7.200	0.0002 U

Gude Landfill
Monitoring Location MW-24A - Dissolved Metals

Printed 5/25/22

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
9/13/17	0.02	3.9	0.021	0.00 U	36.0	0.001 U	0.00 U	0.002
4/2/18	0.03	4.3	0.010	0.00 U	35.5	0.001 U	0.00 U	0.003
9/6/18	0.03	4.6	0.009	0.00 U	39.5	0.001 U	0.00	0.004

Gude Landfill
Monitoring Location MW-24A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS							10		1				
9/13/17	125.0	0.32	24.3	280.0000	0.33	480.0	0.4000 U	0.40 U	0.10 U	140.0	5.99	--	1130.0
4/2/18	151.0	0.30	28.8	297.0000	--	224.0	0.2000 U	0.20 U	0.05 U	-8.0	5.99	--	1011.0
9/6/18	156.0	0.46	30.6	305.0000	--	422.0	0.2000 U	0.20 U	0.05 U	-50.0	5.81	--	1157.0
4/11/19	177.0	0.59	39.0	324.0000	0.07	449.0 B	0.3000	--	--	-27.2	5.92	6.08	1575.0
7/31/19	151.0	0.46	36.0	321.0000	0.25	445.0	0.2000 U	--	--	200.0	5.85	2.67	1246.0
3/5/20	169.0	0.50	23.1	333.0000	0.38	456.0	0.2000 U	--	--	-7.7	5.85	6.07	1318.0
7/29/20	160.0	0.56	41.7	323.0000	0.49	469.0	0.2000 U	--	--	-105.0	5.82	6.00	1304.0
3/25/21	178.0	0.64	29.6	356.0000	0.07	449.0	0.0000	--	--	-22.3	5.84	5.98	1368.0
9/2/21	177.0	0.63	42.7	369.0000	0.54	519.0	0.0110 U	--	--	15.8	6.10	5.98	1450.0
3/31/22	189.0	0.56	27.8	372.0000	0.79	526.0	0.0110 U	--	--	-18.1	5.89	5.80	1516.0

Gude Landfill Monitoring Location MW-24A - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS							
9/13/17	--	4.00 U	18.2	720.0	--	--	2.80
4/2/18	--	4.00 U	13.4	572.0	--	--	7.10
9/6/18	--	4.00 U	19.2	686.0	--	--	0.00
4/11/19	1290.0	1.00 U	18.3	1090.0	41.2	7.010	4.00
7/31/19	1270.0	10.30	19.4	1010.0	8.9	0.500 U	0.00
3/5/20	1330.0	0.77 J	18.1	754.0	2.3 U	6.020	0.00
7/29/20	1380.0	0.87 J	21.7	731.0	13.1	84.800	9.90
3/25/21	1450.0	0.30 U	18.3	664.0	384.0	10.600	7.66
9/2/21	1470.0	0.30 U	20.2	992.0	412.0	10.200	8.80
3/31/22	1498.0	49.80	19.5	880.0	328.0	39.900	35.10

Gude Landfill
Monitoring Location MW-24A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
9/13/17	0.0020 U	0.0053	0.2580	0.0020 U	0.0020 U	64.20	0.0031	0.0525	0.0020 U	22.3000	0.00200 U	56.000
4/2/18	0.0020 U	0.0070	0.2440	0.0020 U	0.0020 U	66.10	0.0044	0.0550	0.0020 U	21.6000	0.00200 U	54.500
9/6/18	0.0020 U	0.0064	0.2790	0.0020 U	0.0020 U	69.10	0.0041	0.0568	0.0020 U	23.3000	0.00200 U	60.600
4/11/19	0.0010 U	0.0049	0.2980	0.0010 U	0.0010 U	63.40 B	0.0031	0.0625	0.0010 U	25.8000	0.00100 U	70.600
7/31/19	0.0010 U	0.0053	0.2880	0.0010 U	0.0010 U	65.70	0.0046	0.0637	0.0101	23.3000	0.00100 U	68.200
3/5/20	0.0010 U	0.0050	0.2870	0.0010 U	0.0010 U	67.90	0.0016	0.0633	0.0010 U	22.6000	0.00100 U	69.600
7/29/20	0.0010 U	0.0051	0.2970	0.0010 U	0.0010 U	68.80	0.0034	0.0687	0.0010 U	23.0000	0.00100 U	72.200
3/25/21	0.0010 U	0.0049	0.2800	0.0010 U	0.0010 U	66.40	0.0028	0.0655	0.0024	22.3000	0.00100 U	68.900
9/2/21	0.0010 U	0.0053	0.3080	0.0010 U	0.0010 U	77.50	0.0092	0.0735	0.0028	24.3000	0.00100 U	78.900
3/31/22	0.0010 U	0.0059	0.3020	0.0010 U	0.0010 U	87.20	0.0137	0.0753	0.0108	23.2000	0.00274	74.800

Gude Landfill

Printed 5/25/22

Monitoring Location MW-24A - Total Metals

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002		
9/13/17	6.31000	0.000200 U	0.0247	3.940	0.01600	0.0020 U	35.90	0.0010 U	0.00200 U	0.00327
4/2/18	6.50000	0.000200 U	0.0280	4.230	0.00972	0.0020 U	36.20	0.0010 U	0.00200 U	0.00200 U
9/6/18	7.22000	0.000200 U	0.0285	4.670	0.00786	0.0020 U	39.40	0.0010 U	0.00200 U	0.00529
4/11/19	8.95000	0.000100 U	0.0327	5.140	0.00100 U	0.0010 U	53.60	0.0010 U	0.00100 U	0.00400 U
7/31/19	9.22000	0.000100 U	0.0360	4.950	0.00100 U	0.0010 U	49.50	0.0010 U	0.00100 U	0.00400 U
3/5/20	9.19000	0.000100 U	0.0339	5.090	0.00100 U	0.0010 U	49.50	0.0010 U	0.00100 U	0.00400 U
7/29/20	10.00000	0.000100 U	0.0373	5.340	0.00100 U	0.0010 U	51.10	0.0010 U	0.00100 U	0.00422
3/25/21	9.82000	0.000100 U	0.0359	5.120	0.00100 U	0.0010 U	48.10	0.0010 U	0.00100 U	0.01120
9/2/21	11.10000	0.000100 U	0.0469	5.620	0.00100 U	0.0010 U	53.90	0.0010 U	0.00100 U	0.01060
3/31/22	11.00000	0.000100 U	0.0527	5.550	0.00119	0.0010 U	50.10	0.0010 U	0.00174	0.01820

Gude Landfill
Monitoring Location MW-24A - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)	
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75	
9/13/17	1.00 U	1.00 U	1.00 U	1.00 U	2.05	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.13	1.00 U	11.00
4/2/18	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	7.50
9/6/18	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.40
4/11/19	1.00 U	1.00 U	1.00 U	1.00 U	1.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	1.00 U	1.00 U	1.00 U	13.50
7/31/19	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	12.40
3/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	1.10	1.00 U	1.00 U	14.10
7/29/20	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 J	1.00 U	1.00 U	1.00 U	1.00 U	13.50
3/25/21	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.10	1.00 U	1.00 U	1.00 U	1.00 U	15.30
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 J	1.00 U	1.00 U	1.00 U	1.00 U	14.10
3/31/22	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.60

Gude Landfill
Monitoring Location MW-24A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
9/13/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.81	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	5.86	1.06	1.00 U
4/2/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.35	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	4.80	1.08	1.00 U
9/6/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.51	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	7.10	1.00 U	1.00 U
4/11/19	5.00 U	5.00 U	5.00 U	8.90 B	5.00 U	4.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.50	1.00 U	1.00 U
7/31/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	8.60	1.00 U	1.00 U
3/5/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	8.60	1.00 U	1.00 U
7/29/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	8.50	1.00 U	1.00 U
3/25/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.90	1.00 U	1.00 U
9/2/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	8.20	1.00 U	1.00 U
3/31/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	7.30	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-24A - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
9/13/17	1.00 U	8.36	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.20
4/2/18	1.00 U	4.10	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.79
9/6/18	1.00 U	2.09	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.09	2.03
4/11/19	1.00 U	1.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.70	2.00
7/31/19	1.00 U	7.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.10	2.30
3/5/20	1.00 U	5.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30	2.10
7/29/20	1.00 U	4.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	2.10
3/25/21	1.00 U	3.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.90
9/2/21	1.00 U	2.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.90
3/31/22	1.00 U	1.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.50

Gude Landfill
Monitoring Location MW-24A - Volatile Organic Compounds

Printed 5/25/22

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS			5			2
9/13/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	11.20
4/2/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	7.51
9/6/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	6.37
4/11/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.40
7/31/19	1.00 U	1.00 U	1.30	1.00 U	1.00 U	11.10
3/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.50
7/29/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	9.50
3/25/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	12.70
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	11.90
3/31/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00

Gude Landfill
Monitoring Location MW-24B - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
9/13/17	0.002 U	0.029	0.179	0.002 U	0.002 U	102.0	0.00 U	0.04	0.002 U	43.9	0.002 U	73.3	3.440	0.0002 U
4/2/18	0.002 U	0.034	0.169	0.002 U	0.002 U	104.0	0.01	0.05	0.002 U	45.8	0.002 U	75.4	3.780	0.0002 U
9/6/18	0.002 U	0.036	0.173	0.002 U	0.002 U	101.0	0.01	0.05	0.002 U	44.7	0.002 U	73.4	3.460	0.0002 U

Gude Landfill
Monitoring Location MW-24B - Dissolved Metals

Printed 5/25/22

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
9/13/17	0.01	3.1	0.006	0.00 U	27.7	0.001 U	0.00 U	0.002 U
4/2/18	0.01	3.6	0.010	0.00 U	27.2	0.001 U	0.00 U	0.003
9/6/18	0.01	3.6	0.007	0.00 U	28.1	0.001 U	0.00 U	0.002 U

Gude Landfill
Monitoring Location MW-24B - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Specific Conductivity, Field (uS/cm)
MCL/ GWPS							10		1				
9/13/17	262.0	0.20 U	42.7	267.0000	--	770.0	0.4000 U	0.40 U	0.10 U	62.0	6.74	--	1235.0
4/2/18	303.0	0.20 U	44.5	268.0000	--	581.0	0.2000 U	0.20 U	0.05 U	-88.0	6.82	--	1206.0
9/6/18	306.0	0.20 U	30.1	279.0000	--	550.0	0.2000 U	0.20 U	0.05 U	-91.0	6.65	--	1323.0
4/11/19	296.0	0.10 U	43.0	293.0000	0.08	567.0 B	0.6000	--	--	-108.4	6.52	6.52	1772.0
7/31/19	295.0	0.10 U	45.1	300.0000	0.21	545.0	0.2000 U	--	--	200.0	6.43	6.61	1374.0
3/5/20	322.0	0.10 U	22.3	315.0000	0.40	571.0	0.6400	--	--	-81.6	6.42	6.40	1440.0
7/29/20	295.0	0.17	46.9	296.0000	0.75	555.0	0.2000 U	--	--	-87.9	6.50	6.52	1418.0
3/25/21	303.0	0.13	31.4	331.0000	0.05	569.0	0.0000	--	--	-104.9	6.36	6.50	1471.0
9/2/21	299.0	0.14	49.5	352.0000	0.57	622.0	0.0110 U	--	--	-87.9	6.50	6.50	1553.0
3/31/22	291.0	0.15	32.4	356.0000	0.78	660.0	0.0110 U	--	--	-927.0	6.36	6.41	1596.0

Gude Landfill

Monitoring Location MW-24B - General Parameters

	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS							
9/13/17	--	4.00 U	20.2	698.0	--	--	10.70
4/2/18	--	4.21	14.6	619.0	--	--	6.00
9/6/18	--	7.26	19.9	807.0	--	--	6.90
4/11/19	1370.0	1.00 U	16.5	986.0	54.2	127.000	24.40
7/31/19	1400.0	1.00 U	17.3	981.0	59.4	245.000	5.70
3/5/20	1480.0	1.00 U	16.8	822.0	15.4	166.000	3.20
7/29/20	1520.0	1.00 U	23.4	774.0	30.9	264.000	20.90
3/25/21	1570.0	0.30 U	16.8	843.0	55.7	144.000	0.65
9/2/21	1550.0	0.30 U	18.6	1260.0	210.0	76.000	9.80
3/31/22	1559.0	0.30 U	16.8	888.0	86.9	185.000	19.80

Gude Landfill
Monitoring Location MW-24B - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)	Magnesium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015	
9/13/17	0.0050 U	0.0304	0.1830	0.0050 U	0.0050 U	105.00	0.0050 U	0.0433	0.0052	44.8000	0.00500 U	77.600
4/2/18	0.0050 U	0.0278	0.1930	0.0050 U	0.0050 U	106.00	0.0050 U	0.0455	0.0050 U	47.4000	0.00500 U	76.800
9/6/18	0.0020 U	0.0350	0.1710	0.0020 U	0.0020 U	101.00	0.0037	0.0488	0.0020 U	43.7000	0.00200 U	72.200
4/11/19	0.0010 U	0.0323	0.1900	0.0010 U	0.0010 U	89.70 B	0.0034	0.0516	0.0010 U	47.8000	0.00100 U	83.300
7/31/19	0.0010 U	0.0309	0.1740	0.0010 U	0.0010 U	89.10	0.0044	0.0479	0.0032	44.7000	0.00100 U	78.400
3/5/20	0.0010 U	0.0314	0.1890	0.0010 U	0.0010 U	94.40	0.0010 U	0.0517	0.0010 U	47.7000	0.00100 U	81.500
7/29/20	0.0010 U	0.0309	0.1840	0.0010 U	0.0010 U	90.60	0.0061	0.0518	0.0063	46.4000	0.00100 U	79.800
3/25/21	0.0010 U	0.0326	0.2050	0.0010 U	0.0010 U	93.90	0.0022	0.0550	0.0012	48.1000	0.00100 U	81.400
9/2/21	0.0010 U	0.0398	0.2300	0.0010 U	0.0010 U	105.00	0.0063	0.0585	0.0030	52.3000	0.00102	87.400
3/31/22	0.0010 U	0.0357	0.2190	0.0010 U	0.0010 U	115.00	0.0019	0.0590	0.0013	49.6000	0.00100 U	90.300

Gude Landfill
Monitoring Location MW-24B - Total Metals

Printed 5/25/22

	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			0.05			0.002		
9/13/17	3.49000	0.000200 U	0.0138	3.680	0.00500 U	0.0050 U	29.20	0.0050 U	0.00500 U	0.01840
4/2/18	3.77000	0.000200 U	0.0174	3.840	0.00712	0.0050 U	29.10	0.0050 U	0.00500 U	0.02580
9/6/18	3.55000	0.000200 U	0.0132	3.600	0.00815	0.0020 U	27.90	0.0010 U	0.00200 U	0.00200 U
4/11/19	4.41000	0.000100 U	0.0169	3.920	0.00100 U	0.0010 U	34.80	0.0010 U	0.00100 U	0.00400 U
7/31/19	3.99000	0.000100 U	0.0167	3.700	0.00100 U	0.0010 U	32.10	0.0010 U	0.00100 U	0.01160 B
3/5/20	4.33000	0.000100 U	0.0142	4.140	0.00100 U	0.0010 U	34.00	0.0010 U	0.00100 U	0.00400 U
7/29/20	4.26000	0.000100 U	0.0307	4.560	0.00100 U	0.0010 U	33.40	0.0010 U	0.00100 U	0.02970
3/25/21	4.33000	0.000100 U	0.0156	3.980	0.00100 U	0.0010 U	34.40	0.0010 U	0.00100 U	0.00445
9/2/21	4.12000	0.000100 U	0.0260	4.520	0.00100 U	0.0010 U	37.50	0.0010 U	0.00100 U	0.00742
3/31/22	4.41000	0.000100 U	0.0188	4.210	0.00100 U	0.0010 U	35.70	0.0010 U	0.00100 U	0.00400 U

Gude Landfill
Monitoring Location MW-24B - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)	
MCL/ GWPS		200		5		7			0.2	0.05	600	5	5		75	
9/13/17	1.00 U	1.00 U	1.00 U	1.00 U	4.29	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	9.29
4/2/18	1.00 U	1.00 U	1.00 U	1.00 U	4.33	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.02	1.00 U	1.00 U	1.00 U	11.60
9/6/18	1.00 U	1.00 U	1.00 U	1.00 U	4.09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.01	1.00 U	1.00 U	1.00 U	8.09
4/11/19	1.00 U	1.00 U	1.00 U	1.00 U	4.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	13.10
7/31/19	1.00 U	1.00 U	1.00 U	1.00 U	4.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	12.50
3/5/20	1.00 U	1.00 U	1.00 U	1.00 U	3.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	13.30
7/29/20	1.00 U	1.00 U	1.00 U	1.00 U	3.30	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	7.40
3/25/21	1.00 U	1.00 U	1.00 U	1.00 U	2.60	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	14.80
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	2.60	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	14.30
3/31/22	1.00 U	1.00 U	1.00 U	1.00 U	2.10	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	17.20

Gude Landfill
Monitoring Location MW-24B - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
9/13/17	40.30	5.00 U	5.00 U	32.80	5.00 U	4.28	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.40	1.00 U	1.00 U
4/2/18	8.50	5.00 U	5.00 U	7.68	5.00 U	4.59	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.89	1.00 U	1.00 U
9/6/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.19	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.41	1.00 U	1.00 U
4/11/19	25.20	5.00 U	5.00 U	44.30 B	5.00 U	5.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.40	1.00 U	1.00 U
7/31/19	5.00 U	5.00 U	5.00 U	8.20	5.00 U	5.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.40	1.00 U	1.00 U
3/5/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.60	1.00 U	1.00 U
7/29/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.40	1.00 U	1.00 U
3/25/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.50	2.20	1.00 U
9/2/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.60	1.10	1.00 U
3/31/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.30	1.00 U	1.00 U

Gude Landfill
Monitoring Location MW-24B - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS		70		80	700	10000				5	10000	100	5	1000	100
9/13/17	1.00 U	1.46	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.38	1.00 U	1.00 U	106.00	2.78
4/2/18	1.00 U	1.10	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.38	1.00 U	1.00 U	43.60	3.10
9/6/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.17	1.00 U	1.00 U	12.40	2.63
4/11/19	1.00 U	2.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	1.00 U	76.40	3.40
7/31/19	1.00 U	2.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U	28.50	3.20
3/5/20	1.00 U	1.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U	3.00	3.00
7/29/20	1.00 U	1.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00
3/25/21	1.00 U	2.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.70
9/2/21	1.00 U	1.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.70
3/31/22	1.00 U	1.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.50

Gude Landfill

Printed 5/25/22

Monitoring Location MW-24B - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS			5			2
9/13/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U
4/2/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U
9/6/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U
4/11/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60
7/31/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00
3/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30
7/29/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/25/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.70
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.80
3/31/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10

Gude Landfill
Monitoring Location OB01 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/20/11	0.005 U	0.005 U	0.189	0.005 U	0.005 U	69.6	0.01 U	0.01	0.006	0.5 U	0.005 U	41.5	5.050	0.0002 U
9/8/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/7/12	0.005 U	0.005 U	0.213	0.005 U	0.005 U	84.9	0.01 U	0.02	0.007	0.4	0.005 U	50.1	5.950	0.0002 U
9/13/12	0.005 U	0.005 U	0.184	0.005 U	0.005 U	71.8	0.01 U	0.01	0.006	0.4	0.005 U	42.5	3.880	0.0002 U
4/2/13	0.005 U	0.005 U	0.199	0.005 U	0.005 U	70.0	0.01 U	0.01	0.015	0.4	0.005 U	43.0	3.940	0.0002 U
9/17/13	0.005 U	0.005 U	0.186	0.005 U	0.005 U	74.4	0.01 U	0.01	0.006	0.4	0.005 U	45.0	3.540	0.0002 U
3/6/14	0.005 U	0.005 U	0.233	0.005 U	0.005 U	88.3	0.01 U	0.01	0.007	0.5	0.005 U	53.7	4.920	0.0002 U
9/2/14	0.005 U	0.005 U	0.261	0.005 U	0.005 U	91.5	0.01 U	0.01	0.007	0.5	0.005 U	54.8	6.190	0.0002 U
3/19/15	0.002 U	0.002 U	0.260	0.002 U	0.004 U	100.0	0.01 U	0.01	0.004 J	0.0 U	0.002 U	61.0	5.300	0.0002 U
8/31/15	0.001 U	0.002	0.250	0.001 U	0.001 U	90.0	0.01 U	0.01	0.005 U	0.0 U	0.001 U	53.0	4.100	0.0002
3/17/16	0.002 U	0.002 U	0.285	0.002 U	0.002 U	90.1	0.00 U	0.01	0.004	0.6	0.002 U	55.9	3.820	0.0002 U
9/1/16	0.002 U	0.003	0.291	0.002 U	0.002 U	99.8	0.01	0.01	0.007	0.7	0.002 U	61.2	3.420	0.0002 U
3/13/17	0.002 U	0.004	0.231	0.002 U	0.002 U	77.5	0.00 U	0.00	0.005	0.4	0.002 U	46.9	1.280	0.0002 U
9/11/17	0.002 U	0.002 U	0.249	0.002 U	0.002 U	83.7	0.00	0.00 U	0.002 U	0.4	0.002 U	52.4	1.340	0.0002 U
4/4/18	0.002 U	0.002 U	0.257	0.002 U	0.002 U	82.6	0.00	0.00 U	0.002 U	0.1 U	0.002 U	50.7	0.909	0.0002 U
9/4/18	0.002 U	0.002 U	0.276	0.002 U	0.002 U	105.0	0.00	0.00 U	0.002	0.1 U	0.002 U	62.5	1.770	0.0002 U

Gude Landfill
Monitoring Location OB01 - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/20/11	0.03	3.6	0.005 U	0.01 U	54.3	0.005 U	0.01 U	0.012
9/8/11	0.04	--	--	--	--	--	--	--
3/7/12	0.04	4.2	0.005 U	0.01 U	81.5	0.005 U	0.01 U	0.013
9/13/12	0.03	4.3	0.005 U	0.01 U	60.3	0.005 U	0.01 U	0.011
4/2/13	0.03	4.6	0.005 U	0.01 U	70.5	0.005 U	0.01 U	0.012
9/17/13	0.03	3.9	0.005 U	0.01 U	65.2	0.005 U	0.01 U	0.013
3/6/14	0.03	4.3	0.005 U	0.01 U	97.0	0.005 U	0.01 U	0.013
9/2/14	0.03	4.4	0.005 U	0.01 U	99.3	0.005 U	0.01 U	0.016
3/19/15	0.04	5.3	0.035 U	0.01 U	120.0	0.002 U	0.01 U	0.017
8/31/15	0.02	4.8	0.005 J	0.00 U	95.0	0.001 U	0.01 U	0.011
3/17/16	0.02	4.3	0.002	0.00 U	125.0	0.001 U	0.00 U	0.009
9/1/16	0.04	4.9	0.004	0.00 U	119.0	0.001 U	0.00	0.011
3/13/17	0.01	3.9	0.002 U	0.00 U	96.8	0.001 U	0.00	0.007
9/11/17	0.01	4.3	0.002 U	0.00 U	122.0	0.001 U	0.00 U	0.007
4/4/18	0.01	4.3	0.003	0.00 U	117.0	0.001 U	0.00 U	0.007
9/4/18	0.02	4.5	0.004	0.00 U	128.0	0.001 U	0.00 U	0.009

Gude Landfill
Monitoring Location OB01 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
MCL/ GWPS					0.2			10		1				
4/2/01	--	--	--	81.6790	0.005 U	--	--	--	--	--	--	--	--	--
9/4/01	--	--	--	85.7567	0.004	--	--	--	--	--	--	--	--	--
3/13/02	--	--	--	89.0149	0.002	--	--	--	--	--	--	--	--	--
9/16/02	--	--	--	98.5932	0.002	--	--	--	--	--	--	--	--	--
6/2/03	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.044
10/8/03	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.067
3/23/04	--	--	--	--	0.005	--	--	--	--	--	--	--	--	0.037
9/20/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.047
4/6/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.030
9/21/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.051
4/5/06	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.042
9/25/06	--	--	--	--	0.002	--	--	--	--	--	--	--	--	0.041
4/17/07	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.037
10/4/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	--
3/27/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/22/09	104.0	0.20 U	10.0 U	196.0000	--	--	330.0	1.6700	--	--	--	--	--	--
7/28/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/21/10	103.0	0.20 U	5.1 J	241.0000	--	--	350.0	1.9070 HT	1.91 HT	0.05 U	--	--	--	--
4/20/11	93.0	0.20 U	6.9	262.0000	--	--	364.0	1.7900	1.80	0.05 U	--	--	--	--

Gude Landfill
Monitoring Location OB01 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
9/8/11	112.0	0.20 U	10.0 U	291.0000	--	--	390.0	1.3400	1.35	0.05 U	--	--	--	--
3/7/12	100.0	0.20 U	5.4	322.0000	--	--	420.0	1.5600	1.57	0.05 U	--	--	--	--
9/13/12	73.0	0.20 U	10.0 U	284.0000	--	--	342.0	2.1300	2.18	0.05 U	--	--	--	--
4/2/13	80.0	0.20 U	10.0 U	291.0000	--	0.07	346.0	2.2100	2.22	0.05 U	410.0	5.87	--	--
9/17/13	66.0	0.20 U	10.0 U	303.0000	--	0.04	356.0	2.2800	2.29	0.05 U	391.0	5.46	--	--
3/6/14	86.0	0.20 U	10.0 U	379.0000	--	0.08	440.0	2.2800	--	--	370.0	5.67	--	--
9/2/14	77.0	0.20 U	10.0 U	411.0000	--	1.36	472.0	2.1100	2.12	0.05 U	391.0	5.65	--	--
3/19/15	81.0	0.20 U	10.0 U	430.0000	--	0.00	520.0	2.4700	2.52	0.05 U	245.0	5.77	--	--
8/31/15	70.0	0.20 U	10.0 U	421.0000	--	1.25	504.0	2.5900	2.60	0.05 U	234.0	5.70	--	--
3/17/16	72.0	0.20 U	10.0 U	456.0000	--	0.00	452.0	2.5700	2.58	0.05 U	379.0	5.74	--	--
9/1/16	70.0	0.20 U	10.0 U	481.0000	--	--	520.0	2.2900	2.30	0.05 U	373.0	5.78	--	--
3/13/17	57.0	0.20 U	10.0 U	411.0000	--	0.32	368.0	2.6000	2.61	0.05 U	385.0	5.68	--	--
9/11/17	72.0	0.20 U	10.0 U	397.0000	--	0.27	420.0	2.5700	2.58	0.05 U	401.0	5.72	--	--
4/4/18	51.4	0.20 U	10.0 U	464.0000	--	--	431.0	2.7800	2.79	0.05 U	253.0	5.70	--	--
9/4/18	67.0	0.20 U	10.0 U	520.0000	--	--	514.0	2.3500	2.36	0.05 U	253.0	5.66	--	--
4/17/19	79.7	0.10 U	19.0	591.0000	--	0.24	570.0	0.2000 U	--	--	202.1	5.68	5.83	--
8/8/19	91.9	0.10 U	3.0 U	667.0000	--	0.30	112.0	2.6000	--	--	203.0	5.34	5.78	--
3/12/20	86.1	0.10 U	9.4	618.0000	--	0.52	648.0	2.3900	--	--	184.2	5.43	5.84	--
8/5/20	103.0	0.10 U	15.8	663.0000	--	0.51	649.0	1.8600	--	--	209.1	5.88	5.73	--
3/23/21	107.0	0.10 U	6.1	640.0000	--	0.02	558.0	1.8000	--	--	227.1	5.68	5.82	--
9/8/21	98.0	0.05 U	13.6	657.0000	--	0.64	657.0	2.4200	--	--	342.6	6.10	5.78	--
3/31/22	79.4	0.04	3.0 U	579.0000	--	0.88	597.0	2.3000	--	--	182.4	5.57	5.76	--

Gude Landfill
Monitoring Location OB01 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS										
4/2/01	--	--	--	--	--	--	--	--	1.000	--
9/4/01	--	--	--	--	--	--	--	--	2.500	--
3/13/02	--	--	--	--	--	--	--	--	3.290	--
9/16/02	--	--	--	--	--	--	--	--	0.900	--
6/2/03	--	--	--	--	--	--	0 U	--	3.200	--
10/8/03	--	--	--	--	--	--	0 U	--	--	--
3/23/04	--	--	--	--	--	--	0 U	--	--	--
9/20/04	--	--	--	--	--	--	0 U	--	--	--
4/6/05	--	--	--	--	--	--	0 U	--	--	--
9/21/05	--	--	--	--	--	--	0	--	--	--
4/5/06	--	--	--	--	--	--	0	--	--	--
9/25/06	--	--	--	--	--	--	0	--	--	--
4/17/07	--	--	--	--	--	--	0 U	--	--	--
10/4/07	--	--	--	--	--	--	0 U	--	--	--
3/27/08	--	--	--	--	--	--	0	--	--	--
9/22/09	--	--	26.40	--	--	776.0	--	--	0.186	--
7/28/10	--	--	--	3.0 U	--	--	--	--	--	--
9/21/10	--	--	26.60	--	--	1176.0	--	--	0.980	--
4/20/11	--	--	26.80 J	--	--	856.0	--	--	1.960	--

Gude Landfill Monitoring Location OB01 - General Parameters

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
9/8/11	--	--	28.80	--	--	1116.0	--	--	--	--
3/7/12	--	--	26.10	--	--	876.0	--	--	--	--
9/13/12	--	--	24.20	--	--	856.0	--	--	--	--
4/2/13	1.2	--	22.30	--	15.8	980.0	--	--	--	1.40
9/17/13	1052.0	--	25.70	--	16.5	840.0	--	--	--	3.60
3/6/14	1293.0	--	26.50	--	15.7	758.0	--	--	--	0.00
9/2/14	1379.0	--	28.00	--	17.7	940.0	--	--	--	3.10
3/19/15	1391.0	--	26.50	--	16.4	960.0	--	--	--	0.00
8/31/15	1454.0	--	26.20	--	25.6	870.0	--	--	--	1.21
3/17/16	1537.0	--	24.90	--	15.8	928.0	--	--	--	0.00
9/1/16	1618.0	--	26.10	--	21.7	1080.0	--	--	--	0.00
3/13/17	1201.0	--	18.80	--	13.5	769.0	--	--	--	0.00
9/11/17	1543.0	--	20.70	--	21.2	983.0	--	--	--	0.70
4/4/18	1406.0	--	20.30	--	15.9	896.0	--	--	--	1.30
9/4/18	1764.0	--	26.20	--	19.4	1060.0	--	--	--	1.60
4/17/19	2357.0	1900.0	42.10	--	16.7	1700.0	--	9.3	0.500 U	3.00
8/8/19	2.2	2250.0	38.10	--	18.1	1920.0	--	7.6	0.500 U	0.00
3/12/20	2902.0	2210.0	34.40	--	17.0	1650.0	--	2.3 U	0.500 U	0.20
8/5/20	2130.0	2370.0	34.10	--	20.0	1230.0	--	5.4	0.500 U	0.20
3/23/21	2423.0	2270.0	34.80	--	17.0	1260.0	--	2.3 U	0.500 U	0.33
9/8/21	2221.0	2320.0	32.00	--	19.7	1210.0	--	2.3 U	0.500 U	0.60
3/31/22	1950.0	2059.0	26.20	--	16.8	1080.0	--	12.4	5.840	5.74

Gude Landfill
Monitoring Location OB01 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
4/2/01	0.0007 U	0.0005 U	0.0402	0.0005 U	--	0.0020 U	--	0.0020 U	0.0007 U	0.0166	--	0.00200 U
9/4/01	0.0020 U	0.0020 U	0.0180	0.0017 U	--	0.0020 U	--	0.0021	0.0020 U	0.0134	--	0.00290
3/13/02	0.0005 U	0.0020 U	0.0249	0.0017 U	--	0.0020 U	--	0.0012 U	0.0020 U	0.0107	--	0.00240
9/16/02	0.0007 U	0.0003 U	0.0342	0.0004 U	--	0.0004 U	--	0.0027	0.0020 U	0.0089	--	0.00200 U
6/2/03	0.0007 U	0.0020 U	0.0476	0.0004 U	--	0.0020 U	--	0.0020 U	0.0020 U	0.0130	--	0.00200 U
10/8/03	0.0020 U	0.0008 U	0.1027	0.0016 U	--	0.0020 U	--	0.0020 U	0.0054	0.0103	--	0.00200 U
3/23/04	0.0009 U	0.0008 U	0.0588	0.0016 U	--	0.0007 U	--	0.0020 U	0.0020 U	0.0100 U	--	0.00200 U
9/20/04	0.0028 U	0.0006 U	0.1456	0.0012 U	--	0.0020 U	--	0.0007 U	0.0069	0.0114	--	0.00200 U
4/6/05	0.0028 U	0.0006 U	0.0360	0.0012 U	--	0.0020 U	--	0.0007 U	0.0020 U	0.0105	--	0.00060 U
9/21/05	0.0028 U	0.0006 U	0.1325	0.0012 U	--	0.0020 U	--	0.0007 U	0.0070	0.0149	--	0.00200
4/5/06	0.0006 U	0.0006 U	0.1065	0.0007 U	--	0.0020 U	--	0.0020 U	0.0036	0.0107	--	0.00250
9/25/06	0.0007 U	0.0008 U	0.1459	0.0009 U	--	0.0006 U	--	0.0020 U	0.0051	0.0069	--	0.00070 U
4/17/07	0.0007 U	0.0008 U	0.1381	0.0009 U	0.020 U	--	--	0.0020 U	0.0094	0.0104	--	0.00200 U
10/4/07	0.0007 U	0.0008 U	0.1348	0.0009 U	0.020 U	--	--	0.0020 U	0.0039	0.0071	--	0.00070 U
3/27/08	0.0005 U	0.0006 U	0.1286	0.0010 U	0.020 U	--	--	0.0020 U	0.0071	0.0072	--	0.00200 U
3/9/09	0.0010 U	0.0010 U	0.1465	0.0012 U	0.050 U	--	--	0.0100 U	0.0100 U	0.0100 U	--	0.00070 U
9/22/09	0.0020 U	0.0020 U	0.1640	0.0020 U	--	0.0020 U	64.90	0.0020 U	0.0090	0.0070	0.2000 U	0.00200 U
7/28/10	0.0010 U	0.0009 J	0.1700	0.0010 U	--	0.0010 U	--	0.0007 J	0.0110	0.0026	--	0.00100 U
9/21/10	0.0050 U	0.0050 U	0.1690	0.0050 U	--	0.0050 U	68.20	0.0050 U	0.0101	0.0094	0.4690 J	0.00500 U
4/20/11	0.0050 U	0.0050 U	0.1820	0.0050 U	--	0.0050 U	76.20	0.0050 U	0.0147	0.0063	0.8370	0.00500 U
9/8/11	0.0050 U	0.0050 U	0.1910	0.0050 U	--	0.0050 U	73.80	0.0050 U	0.0289	0.0065	0.5150	0.00540
3/7/12	0.0050 U	0.0050 U	0.2140	0.0050 U	--	0.0050 U	81.24	0.0050 U	0.0219	0.0119	1.6000	0.00500 U
9/13/12	0.0050 U	0.0050 U	0.1710	0.0050 U	--	0.0050 U	69.10	0.0050 U	0.0090	0.0058	0.3860	0.00500 U

Gude Landfill
Monitoring Location OB01 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
4/2/13	0.0050 U	0.0050 U	0.1850	0.0050 U	--	0.0050 U	73.30	0.0050 U	0.0111	0.0148	0.4580	0.00500 U
9/17/13	0.0050 U	0.0050 U	0.1840	0.0050 U	--	0.0050 U	73.40	0.0050 U	0.0068	0.0061	0.5410	0.00500 U
3/6/14	0.0050 U	0.0050 U	0.2310	0.0050 U	--	0.0050 U	86.60	0.0050 U	0.0120	0.0062	0.5500	0.00500 U
9/2/14	0.0050 U	0.0050 U	0.2760	0.0050 U	--	0.0050 U	89.20	0.0050 U	0.0148	0.0087	0.6750	0.00500 U
3/19/15	0.0020 U	0.0020 U	0.2400	0.0020 U	--	0.0040 U	95.00	0.0100 U	0.0130	0.0042 J	0.0050 U	0.00200 U
8/31/15	0.0010 U	0.0010 U	0.2600	0.0010 U	--	0.0005 U	91.00	0.0050 U	0.0073	0.0052	0.0050 U	0.00100 U
3/17/16	0.0020 U	0.0020 U	0.2870	0.0020 U	--	0.0020 U	90.60	0.0020 U	0.0074	0.0039	0.5790	0.00200 U
9/1/16	0.0020 U	0.0028	0.2850	0.0020 U	--	0.0020 U	101.00	0.0077	0.0071	0.0070	0.6760	0.00200 U
3/13/17	0.0020 U	0.0038	0.2370	0.0020 U	--	0.0020 U	76.40	0.0020 U	0.0026	0.0082	0.4260	0.00200 U
9/11/17	0.0020 U	0.0020 U	0.2520	0.0020 U	--	0.0020 U	84.00	0.0023	0.0030	0.0020 U	0.4450	0.00200 U
4/4/18	0.0020 U	0.0020 U	0.2580	0.0020 U	--	0.0020 U	85.70	0.0029	0.0020 U	0.0020 U	0.0500 U	0.00200 U
9/4/18	0.0020 U	0.0020 U	0.2710	0.0020 U	--	0.0020 U	104.00	0.0040	0.0022	0.0021	0.0500 U	0.00200 U
4/17/19	0.0010 U	0.0010 U	0.3150	0.0010 U	--	0.0010 U	105.00	0.0011	0.0046	0.0045	0.1000 U	0.00100 U
8/8/19	0.0010 U	0.0010 U	0.3420	0.0010 U	--	0.0010 U	17.70	0.0028	0.0079	0.0055 B	0.1000 U	0.00100 U
3/12/20	0.0010 U	0.0010 U	0.3550	0.0010 U	--	0.0010 U	119.00	0.0016	0.0077	0.0014	0.0258 J	0.00100 U
8/5/20	0.0010 U	0.0010 U	0.3730	0.0010 U	--	0.0010 U	117.00 B	0.0010 U	0.0117	0.0033	0.0356 J	0.00100 U
3/23/21	0.0010 U	0.0010 U	0.3160	0.0010 U	--	0.0010 U	107.00	0.0010 U	0.0084	0.0050	0.0296 J	0.00100 U
9/8/21	0.0010 U	0.0010 U	0.3660	0.0010 U	--	0.0010 U	123.00	0.0010 J	0.0077	0.0208	0.1000 U	0.00100 U
3/31/22	0.0010 U	0.0010 U	0.3210	0.0010 U	--	0.0010 U	115.00	0.0020	0.0201	0.0098	0.8620	0.00100 U

Gude Landfill
Monitoring Location OB01 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002			
4/2/01	--	0.04490	0.000200 U	0.0042	--	0.00180 U	0.0052 U	--	0.0009 U	0.2000 U	0.00060 U	0.01960
9/4/01	--	0.09950	0.000200 U	0.0100 U	--	0.00090 U	0.0044 U	--	0.0009 U	0.2000 U	0.00200 U	--
3/13/02	--	0.03330	0.000200 U	0.0100 U	--	0.00090 U	0.0044 U	--	0.0009 U	0.2000 U	0.00200 U	--
9/16/02	--	0.10550	0.000200 U	0.0046	--	0.00200 U	0.0096 U	--	0.0010 U	0.0008 U	0.00030 U	--
6/2/03	--	0.28260	0.000200 U	0.0069	--	0.00120 U	0.0096 U	--	0.0010 U	0.0020 U	0.00200 U	--
10/8/03	--	0.74860	0.000200 U	0.0088	--	0.00200 U	0.0022 U	--	0.0004 U	0.0003 U	0.00200 U	--
3/23/04	--	0.07450	0.000200 U	0.0033	--	0.00070 U	0.0022 U	--	0.0004 U	0.0020 U	0.00200 U	--
9/20/04	--	0.84500	0.000100 U	0.0125	--	0.00100 U	0.0018 U	--	0.0006 U	0.0003 U	0.00200 U	--
4/6/05	--	0.13340	0.000200 U	0.0035	--	0.00200 U	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U	--
9/21/05	--	0.85160	0.000200 U	0.0151	--	0.00200 U	0.0018 U	--	0.0013	0.0050 U	0.00200 U	--
4/5/06	--	0.00200 U	0.000100 U	0.0131	--	0.00150 U	0.0004 U	--	0.0004 U	0.0050 U	0.00040 U	--
9/25/06	--	1.23100	0.000200 U	0.0177	--	0.00080 U	0.0005 U	--	0.0007 U	0.0050 U	0.00070 U	--
4/17/07	--	--	0.000400	0.0194	--	0.00200 U	0.0005 U	--	0.0007 U	0.0500 U	0.00200 U	0.01570
10/4/07	--	--	0.000200 U	0.0182	--	0.00080 U	0.0005 U	--	0.0007 U	0.0020 U	0.00070 U	0.00840
3/27/08	--	--	0.000200 U	0.0152	--	0.00200 U	0.0001 U	--	0.0001 U	0.0500 U	0.00200 U	0.01610
3/9/09	--	--	0.000200	0.0182	--	0.00120 U	0.0043 U	--	0.0008 U	0.0011 U	0.00080 U	0.01200
9/22/09	36.000	2.77000	0.000200 U	0.0260	3.520	0.00200 U	0.0020 U	47.40	0.0020 U	--	0.00030 U	0.01000 U
7/28/10	--	--	0.000200 U	0.0320	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U	0.01600
9/21/10	38.900	3.95000	0.000200 U	0.0304	3.360	0.00500 U	0.0050 U	51.80	0.0050 U	--	0.00500 U	0.01070
4/20/11	45.300 J	5.07000	0.000200 U	0.0307	3.810	0.00500 U	0.0050 U	58.20	0.0050 U	--	0.00500 U	0.01160
9/8/11	46.300	7.98000	0.000200 U	--	3.780	0.00500 U	0.0050 U	66.30	0.0050 U	--	0.00500 U	0.01280
3/7/12	48.580	6.33000	0.000360	0.0396	4.570	0.00500 U	0.0050 U	77.79	0.0050 U	--	0.00500 U	0.01630
9/13/12	38.600	3.74000	0.000200 U	0.0289	3.850	0.00500 U	0.0050 U	57.20	0.0050 U	--	0.00500 U	0.01120

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB01 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
4/2/13	45.000	3.80000	0.000200 U	0.0322	4.550	0.00500 U	0.0050 U	73.60	0.0050 U	--	0.00500 U	0.01180
9/17/13	44.000	3.59000	0.000200 U	0.0265	3.950	0.00500 U	0.0050 U	63.50	0.0050 U	--	0.00500 U	0.01200
3/6/14	52.100	4.99000	0.000200 U	0.0313	4.350	0.00500 U	0.0050 U	94.10	0.0050 U	--	0.00500 U	0.01330
9/2/14	53.000	5.72000	0.000200 U	0.0387	4.430	0.00500 U	0.0050 U	95.40	0.0050 U	--	0.00500 U	0.01740
3/19/15	61.000	5.30000	0.000210	0.0400	5.100	0.03500 U	0.0100 U	120.00	0.0020 U	--	0.01000 U	0.01300
8/31/15	54.000	3.90000	0.000200 U	0.0250	5.000	0.00500 U	0.0010 U	97.00	0.0010 U	--	0.00500 U	0.01100
3/17/16	56.300	5.04000	0.000200 U	0.0226	4.380	0.00225	0.0006	125.00	0.0010 U	--	0.00200 U	0.00872
9/1/16	61.900	3.34000	0.000200 U	0.0331	4.510	0.00401	0.0020 U	120.00	0.0010 U	--	0.00362	0.01060
3/13/17	45.200	1.25000	0.000371	0.0140	4.000	0.00200 U	0.0020 U	94.70	0.0010 U	--	0.00465	0.00734
9/11/17	52.900	1.42000	0.000200 U	0.0110	4.180	0.00200 U	0.0020 U	122.00	0.0010 U	--	0.00200 U	0.00697
4/4/18	52.600	0.96900	0.000200 U	0.0110	4.440	0.00281	0.0020 U	122.00	0.0010 U	--	0.00200 U	0.00732
9/4/18	61.900	1.73000	0.000200 U	0.0188	4.580	0.00416	0.0020 U	126.00	0.0010 U	--	0.00200 U	0.00845
4/17/19	74.900	3.54000	0.000181	0.0266	5.050	0.00100 U	0.0010 U	141.00	0.0010 U	--	0.00100 U	0.01420
8/8/19	16.500	0.86100	0.000138	0.0290	4.780	0.00100 U	0.0010 U	12.50	0.0010 U	--	0.00100 U	0.01750 B
3/12/20	84.900	4.55000	0.000133	0.0269	5.480	0.00100 U	0.0010 U	187.00	0.0010 U	--	0.00100 U	0.01120
8/5/20	86.800	5.48000	0.000170	0.0278	5.500	0.00100 U	0.0011	185.00	0.0010 U	--	0.00100 U	0.01080
3/23/21	71.600	4.33000	0.000121	0.0239	4.970	0.00100 U	0.0010 U	164.00	0.0010 U	--	0.00100 U	0.01520
9/8/21	84.700	5.16000	0.000146	0.0251	5.520	0.00100 U	0.0010 U	189.00	0.0010 U	--	0.00100 U	0.01030
3/31/22	75.000	3.28000	0.000230	0.0201	5.320	0.00100 U	0.0020	165.00	0.0010 U	--	0.00100 U	0.01580

Gude Landfill
Monitoring Location OB01 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS		200		5		7			0.2	0.05	600	5	5		75
4/2/01	--	--	--	--	5.04	--	--	--	--	--	10.00 U	--	1.02	--	10.00 U
9/4/01	0.18 U	0.15 U	0.23 U	0.22 U	4.84	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	1.00 U	0.19 U	10.00 U
3/13/02	0.18 U	0.15 U	0.23 U	0.22 U	14.51	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	1.00 U	2.92	0.19 U	10.00 U
9/16/02	0.18 U	0.15 U	0.23 U	0.22 U	2.08	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	1.00 U	0.19 U	10.00 U
6/2/03	0.18 U	0.15 U	0.23 U	0.22 U	2.95	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	1.00 U	1.00 U	0.19 U	10.00 U
10/8/03	0.18 U	0.15 U	1.00 U	0.22 U	5.95	1.00 U	0.22 U	0.21 U	0.14 U	0.20 U	1.00 U	1.00 U	2.34	0.19 U	1.75
3/23/04	0.18 U	0.15 U	1.00 U	0.22 U	2.27	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	1.00 U	1.16	0.19 U	10.00 U
9/20/04	0.13 U	0.24 U	0.44 U	0.25 U	2.50	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.00 U	1.88	0.33 U	10.00 U
4/6/05	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	1.00 U	0.28 U	0.43 U	0.27 U	0.34 U	0.33 U	0.44 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	2.03	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.00 U	1.10	0.33 U	10.00 U
4/5/06	0.13 U	0.24 U	0.44 U	0.25 U	1.37	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.00 U	1.45	0.33 U	10.00 U
9/25/06	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.00 U	1.28	0.33 U	10.00 U
4/17/07	0.13 U	0.24 U	0.44 U	0.25 U	2.31	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.00 U	1.04	0.33 U	10.00 U
10/4/07	0.13 U	0.24 U	0.44 U	0.25 U	1.48	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.00 U	1.00 U	0.33 U	10.00 U
3/27/08	0.18 U	0.18 U	0.21 U	0.23 U	1.09	0.18 U	0.26 U	0.14 U	0.24 U	0.16 U	0.25 U	0.18 U	0.81	0.20 U	10.00 U
3/9/09	0.12 U	0.17 U	0.14 U	0.17 U	1.02	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	--	0.50 U	0.54	0.13 U	--
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	1.85	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.39 J	0.75 J	1.00 U	1.94
7/28/10	1.00 U	1.00 U	1.00 U	1.00 U	2.00	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00
9/21/10	2.00 U	2.00 U	2.00 U	2.00 U	1.33 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.48 J	2.00 U	2.00 U	2.00 U	3.19
4/20/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB01 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)	
9/8/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/7/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.90
9/13/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/13	1.00 U	1.00 U	1.00 U	1.00 U	1.09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.64
9/17/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/19/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/17/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.03 U	0.01 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.50
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10
3/31/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.03	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB01 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
4/2/01	--	--	--	--	--	0.10	--	--	--	--	0.05	--	--	0.31	0.56
9/4/01	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	1.00 U	0.38 U	0.15 U	0.28 U	1.00 U	1.00 U
3/13/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	1.31	1.00 U
9/16/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	1.00 U
6/2/03	--	0.18 U	--	0.15 U	--	1.00 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	1.00 U	1.00 U
10/8/03	0.35	0.18 U	--	0.15 U	--	1.28	0.20 U	0.18 U	0.14 U	1.00 U	0.38 U	0.15 U	1.00 U	1.00 U	1.00 U
3/23/04	--	0.18 U	--	0.15 U	--	1.00 U	0.20 U	0.18 U	0.14 U	1.00 U	1.04	0.15 U	0.28 U	0.20 U	1.00 U
9/20/04	0.29 U	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	1.00 U
4/6/05	0.29 U	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	1.00 U
9/21/05	0.29 U	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.00 U	1.00 U	1.00 U
4/5/06	0.29 U	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.00 U	0.31 U	0.27 U
9/25/06	1.00 U	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.26	0.31 U	1.00 U
4/17/07	1.00 U	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.00 U	0.31 U	1.00 U
10/4/07	0.29 U	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.21	0.31 U	1.00 U
3/27/08	--	--	--	--	--	0.24 U	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	0.50 U	0.10 U	0.21 U
3/9/09	--	--	--	--	--	0.50 U	0.14 U	0.11 U	0.16 U	0.50 U	--	0.14 U	0.69	0.13 U	0.76
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.49 J	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	1.03	0.32 J	0.65 J
7/28/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	2.00	1.00 U	0.80 J
9/21/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	1.43 J	2.00 U	0.74 J
4/20/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB01 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
9/8/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U
9/13/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.10	1.00 U	1.38
9/17/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/19/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/17/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U
8/8/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.50	1.00 U	1.00 U
3/12/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00	1.00 U	1.00 U
3/23/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.70	1.00 U	1.00 U
9/8/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	1.00 U
3/31/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB01 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS		70		80	700	10000				5	10000	100	5	1000	100
4/2/01	--	11.92	--	--	--	0.06	--	--	--	--	--	--	0.84	--	0.69
9/4/01	0.21 U	10.88	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	2.13	0.27 U	0.21 U	1.00 U	0.24 U	1.00 U
3/13/02	0.21 U	25.37	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	1.00 U	0.27 U	0.21 U	1.61	0.24 U	1.03
9/16/02	0.21 U	6.14	0.19 U	0.17 U	0.26 U	0.28 U	1.00 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
6/2/03	0.21 U	13.94	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	0.22 U	1.00 U	0.27 U	0.21 U	2.20	0.24 U	1.00 U
10/8/03	0.21 U	47.72	0.19 U	0.17 U	1.00 U	1.03	0.17 U	--	0.22 U	1.00 U	1.00 U	0.21 U	0.17 U	0.24 U	3.35
3/23/04	1.00 U	19.47	0.19 U	0.17 U	0.26 U	1.00 U	1.00 U	--	0.22 U	0.21 U	1.00 U	0.21 U	1.00 U	1.00 U	1.00 U
9/20/04	0.25 U	33.97	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	1.08
4/6/05	0.25 U	5.98	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
9/21/05	0.25 U	34.36	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	1.09
4/5/06	0.25 U	16.06	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	1.00 U
9/25/06	0.25 U	34.18	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.26	0.32 U	1.13
4/17/07	0.25 U	22.85	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	1.00 U
10/4/07	0.25 U	25.50	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	1.42
3/27/08	0.15 U	14.78	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.15 U	0.12 U	0.22 U	0.20 U	0.50 U	0.28 U	0.50
3/9/09	0.20 U	9.71	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	1.20	0.12 U	0.50 U
9/22/09	1.00 U	11.80	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	0.66 J	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.40 J
7/28/10	1.00 U	13.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/21/10	2.00 U	7.71	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	0.77 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.70 J
4/20/11	1.00 U	6.60	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB01 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
9/8/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
3/7/12	1.00 U	6.20	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/13/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/13	1.00 U	6.68	1.00 U	1.00 U	1.00 U	2.00 U	5.12	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/17/13	1.00 U	1.90	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/14	1.00 U	2.81	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/14	1.00 U	2.39	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/19/15	1.00 U	2.97	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/15	1.00 U	1.63	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/16	1.00 U	1.79	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/16	1.00 U	1.59	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/17/19	1.00 U	1.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/8/19	1.00 U	1.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/31/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill Monitoring Location OB01 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
4/2/01	--	--	6.50	--	--	--	--
9/4/01	0.13 U	0.14 U	7.59	0.18 U	--	--	--
3/13/02	0.13 U	0.14 U	5.41	0.18 U	--	--	--
9/16/02	0.13 U	0.14 U	3.11	0.18 U	--	--	--
6/2/03	0.13 U	0.14 U	3.85	0.18 U	--	--	--
10/8/03	0.13 U	0.14 U	12.71	0.18 U	--	6.02	--
3/23/04	0.13 U	0.14 U	4.37	0.18 U	--	1.20	--
9/20/04	0.24 U	0.30 U	5.77	0.36 U	--	5.13	--
4/6/05	0.24 U	1.00 U	1.03	0.36 U	--	0.32 U	--
9/21/05	0.24 U	0.30 U	2.49	0.36 U	--	4.40	--
4/5/06	0.24 U	0.30 U	2.25	0.36 U	--	3.32	--
9/25/06	0.24 U	0.30 U	2.34	0.36 U	--	5.26	--
4/17/07	0.24 U	0.30 U	1.52	0.36 U	--	1.42	--
10/4/07	0.24 U	0.30 U	1.44	0.36 U	--	4.75	--
3/27/08	0.08 U	--	0.83	0.07 U	--	1.31	--
3/9/09	0.13 U	--	0.88	0.10 U	--	0.90	--
9/22/09	1.00 U	1.00 U	0.73 J	1.00 U	--	0.55 J	--
7/28/10	1.00 U	5.00 U	0.50 J	1.00 U	1.00 U	4.00	--
9/21/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.09	--
4/20/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB01 - Volatile Organic Compounds

Printed 5/25/22

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
9/8/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U
9/13/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/2/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.30	--
9/17/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/6/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/2/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/19/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
8/31/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/17/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/1/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/13/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/4/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/4/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/17/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/12/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/23/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/8/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/31/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location OB025 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/20/11	0.005 U	0.005 U	0.097	0.005 U	0.005 U	65.7	0.01 U	0.01	0.005 U	0.6	0.005 U	42.2	7.200	0.0002 U
9/6/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/12/12	0.005 U	0.005 U	0.080	0.005 U	0.005 U	74.2	0.01 U	0.02	0.005 U	1.1	0.005 U	48.3	4.910	0.0002 U
9/13/12	0.005 U	0.005 U	0.153	0.005 U	0.005 U	89.2	0.01 U	0.03	0.005 U	9.9	0.005 U	61.3	19.100	0.0002 U
3/26/13	0.005 U	0.005 U	0.068	0.005 U	0.005 U	59.9	0.01 U	0.01 U	0.014	0.3	0.005 U	43.2	0.488	0.0002 U
9/12/13	0.005 U	0.005 U	0.110	0.005 U	0.005 U	73.3	0.01 U	0.02	0.005 U	2.2	0.005 U	51.1	10.100	0.0002 U
3/11/14	0.005 U	0.005 U	0.049	0.005 U	0.005 U	40.7	0.01 U	0.01 U	0.005 U	0.2	0.005 U	28.1	0.141	0.0002 U
9/10/14	0.005 U	0.005 U	0.117	0.005 U	0.005 U	68.9	0.01 U	0.02	0.005	0.4	0.005 U	48.0	8.660	0.0002 U
3/19/15	0.002 U	0.002 U	0.069	0.002 U	0.004 U	79.0	0.01 U	0.01 J	0.003 J	0.0 U	0.002 U	57.0	14.000	0.0002 U
9/1/15	0.001 U	0.001 J	0.065	0.001 U	0.001 U	75.0	0.01 U	0.01	0.005 U	0.0 U	0.001 U	54.0	16.000	0.0002 U
3/21/16	0.002 U	0.002 U	0.109	0.002 U	0.002 U	72.5	0.00	0.02	0.002 U	4.1	0.002 U	52.1	4.050	0.0002 U
8/30/16	0.002 U	0.002 U	0.149	0.002 U	0.002 U	72.2	0.00 U	0.03	0.003	2.6	0.002 U	54.1	21.500	0.0002 U
3/8/17	0.002 U	0.002 U	0.113	0.002 U	0.002 U	75.8	0.00 U	0.03	0.016	1.1	0.002 U	54.8	21.100	0.0002 U
9/14/17	0.002 U	0.002 U	0.156	0.002 U	0.002 U	79.8	0.01	0.03	0.002 U	12.6	0.002 U	56.5	22.600	0.0002 U
3/29/18	0.002 U	0.002 U	0.107	0.002 U	0.002 U	87.0	0.01	0.03	0.002 U	0.2 U	0.002 U	59.9	24.700	0.0002 U
9/5/18	0.002 U	0.002 U	0.133	0.002 U	0.002 U	89.3	0.01	0.04	0.002 U	2.6	0.002 U	61.6	24.100	0.0002 U

Gude Landfill

Printed 5/25/22

Monitoring Location OB025 - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/20/11	0.01	10.2	0.005 U	0.01 U	38.7	0.005 U	0.01 U	0.009
9/6/11	0.01	--	--	--	--	--	--	--
3/12/12	0.05	9.6	0.005 U	0.01 U	42.1	0.005 U	0.01 U	0.008
9/13/12	0.06	17.8	0.005 U	0.01 U	78.0	0.005 U	0.01 U	0.009
3/26/13	0.01	9.6	0.005 U	0.01 U	41.4	0.005 U	0.01 U	0.007
9/12/13	0.03	13.4	0.005 U	0.01 U	56.2	0.005 U	0.01 U	0.007
3/11/14	0.01 U	7.0	0.005 U	0.01 U	21.7	0.005 U	0.01 U	0.009
9/10/14	0.01	11.7	0.005 U	0.01 U	51.5	0.005 U	0.01 U	0.010
3/19/15	0.02	14.0	0.035 U	0.01 U	68.0	0.001 J	0.01 U	0.005 J
9/1/15	0.01	14.0	0.005 U	0.00 U	68.0	0.001 U	0.01 U	0.011
3/21/16	0.01	13.0	0.003	0.00 U	66.4	0.001 U	0.00 U	0.005
8/30/16	0.02	14.2	0.003	0.00 U	71.6	0.001 U	0.00 U	0.009
3/8/17	0.02	14.2	0.005	0.00 U	76.6	0.001 U	0.00 U	0.010
9/14/17	0.02	14.2	0.003	0.00 U	79.5	0.001 U	0.00 U	0.006
3/29/18	0.02	14.6	0.007	0.00 U	80.9	0.001 U	0.00 U	0.009
9/5/18	0.02	13.5	0.005	0.00 U	77.9	0.001 U	0.00	0.012

Gude Landfill
Monitoring Location OB025 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
MCL/ GWPS					0.2			10		1			
5/1/01	--	--	--	112.3660	0.002	--	--	--	--	--	--	--	--
9/4/01	--	--	--	108.9420	0.004	--	--	--	--	--	--	--	--
3/13/02	--	--	--	21.4801	0.002	--	--	--	--	--	--	--	--
9/17/02	--	--	--	190.5350	0.003	--	--	--	--	--	--	--	--
6/3/03	--	--	--	93.1125	0.005 U	--	--	--	--	--	--	--	--
10/9/03	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
3/30/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
9/21/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
4/6/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
9/21/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--
4/4/06	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
9/25/06	--	--	--	--	0.002	--	--	--	--	--	--	--	--
4/17/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
10/3/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
3/26/08	--	--	--	--	--	--	--	--	--	--	--	--	--
9/24/08	--	--	--	--	--	--	--	--	--	--	--	--	--
9/22/09	423.0	1.57	1080.0	156.0000	--	--	740.0	0.6782	--	--	--	--	--
7/26/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--
9/15/10	472.0	3.69	90.0	173.0000	--	--	750.0	0.2000 U	0.20 U	0.05 U	--	--	--

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB025 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
4/20/11	282.0	0.63	107.0	62.3000	--	--	450.0	1.3300	1.38	0.05 U	--	--	--
9/6/11	267.0	1.91	19.6	86.6000	--	--	292.0	0.2000 U	0.22	0.05 U	--	--	--
3/12/12	249.0	0.73	18.6	73.5000	--	--	356.0	0.2000 U	0.20 U	0.05 U	--	--	--
9/13/12	374.0	2.31	23.5	158.0000	--	--	500.0	0.2000 U	0.20 U	0.05 U	--	--	--
3/26/13	268.0	0.20 U	21.6	59.5000	--	7.91	316.0	0.6060	0.66	0.05 U	381.0	7.16	--
9/12/13	387.0	2.94	17.2	175.0000	--	2.74	490.0	0.2000 U	0.20 U	0.05 U	364.0	6.12	--
3/11/14	194.0	0.20 U	10.0 U	34.8000	--	7.66	238.0	2.1300	--	--	305.0	6.86	--
9/10/14	287.0	0.95	28.6	80.2000	--	4.53	354.0	0.7560	0.81	0.05 U	309.0	6.89	--
3/19/15	316.0	0.20 U	20.0	147.0000	--	7.33	440.0	2.2200	2.27	0.05 U	354.0	6.83	--
9/1/15	323.0	0.54	17.8	168.0000	--	--	460.0	1.9300	1.94	0.05 U	274.0	6.23	--
3/21/16	307.0	1.81	19.1	195.0000	--	4.42	428.0	0.7310	0.78	0.05 U	218.0	6.42	--
8/30/16	330.0	2.82	24.1	191.0000	--	--	292.0	0.2000 U	0.20 U	0.05 U	219.0	6.09	--
3/8/17	335.0	1.15	16.9	211.0000	--	--	584.0	1.7100	1.72	0.05 U	355.0	6.51	--
9/14/17	296.0	2.25	16.8	219.0000	--	0.96	520.0	0.8070	0.86	0.05 U	244.0	6.39	--
3/29/18	280.0	0.61	27.1	250.0000	--	--	524.0	2.3100	2.32	0.05 U	207.0	6.32	--
9/5/18	300.0	2.67	26.3	251.0000	--	--	455.0	0.2000 U	0.20	0.05 U	88.0	5.86	--
4/10/19	315.0	0.33	25.0	191.0000	--	1.63	388.0 B	0.2000 U	--	--	138.7	6.36	6.26
7/29/19	330.0	1.96	22.2	170.0000	--	0.23	354.0 B	1.9000	--	--	200.0	5.99	5.32
3/5/20	310.0	0.37	25.6	190.0000	--	2.15	377.0	3.2700	--	--	180.0	6.32	6.41
7/30/20	329.0	3.65	34.7	158.0000	--	0.68	366.0	0.2000 U	--	--	112.4	5.59	6.20
3/31/21	330.0	0.37	17.0	150.0000	--	0.07	315.0	3.8500	--	--	82.3	6.30	6.38
9/3/21	390.0	4.70	29.1	130.0000	--	0.76	354.0	0.1440	--	--	40.9	6.16	6.12

Gude Landfill
Monitoring Location OB025 - General Parameters

Printed 5/25/22

Sample Date	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
3/30/22	330.0	0.14	18.6	151.0000	--	1.05	361.0	4.9400	--	--	76.1	6.39	6.52

Gude Landfill
Monitoring Location OB025 - General Parameters

Printed 5/25/22

	Phosphate (mg/L)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS											
5/1/01	--	--	--	--	--	--	--	--	--	56.000	--
9/4/01	--	--	--	--	--	--	--	--	--	37.000	--
3/13/02	--	--	--	--	--	--	--	--	--	966.000	--
9/17/02	--	--	--	--	--	--	--	--	--	225.000	--
6/3/03	0.028	--	--	--	--	--	--	0	--	94.000	--
10/9/03	0.013	--	--	--	--	--	--	0 U	--	--	--
3/30/04	0.041	--	--	--	--	--	--	0 U	--	--	--
9/21/04	0.023	--	--	--	--	--	--	0 U	--	--	--
4/6/05	0.003 U	--	--	--	--	--	--	0 U	--	--	--
9/21/05	0.055	--	--	--	--	--	--	0	--	--	--
4/4/06	0.013	--	--	--	--	--	--	0	--	--	--
9/25/06	0.011	--	--	--	--	--	--	0	--	--	--
4/17/07	0.010 U	--	--	--	--	--	--	0 U	--	--	--
10/3/07	--	--	--	--	--	--	--	0 U	--	--	--
3/26/08	--	--	--	--	--	--	--	0 U	--	--	--
9/24/08	--	--	--	--	--	--	--	0 U	--	--	--
9/22/09	--	--	--	71.80	--	--	888.0	--	--	10100.000	--
7/26/10	--	--	--	--	3.0 U	--	--	--	--	--	--
9/15/10	--	--	--	67.00	--	--	916.0	--	--	357.000	--

Gude Landfill
Monitoring Location OB025 - General Parameters

Printed 5/25/22

	Phosphate (mg/L)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
4/20/11	--	--	--	32.10 J	--	--	532.0	--	--	15050.000	--
9/6/11	--	--	--	39.70	--	--	252.0	--	--	--	--
3/12/12	--	--	--	44.10	--	--	568.0	--	--	--	--
9/13/12	--	--	--	61.80	--	--	756.0	--	--	--	--
3/26/13	--	394.5	--	39.60	--	10.2	454.0	--	--	--	51.00
9/12/13	--	807.1	--	65.00	--	17.7	838.0	--	--	--	153.00
3/11/14	--	491.2	--	32.60	--	9.0	324.0	--	--	--	65.00
9/10/14	--	544.0	--	37.20	--	17.1	516.0	--	--	--	37.60
3/19/15	--	959.8	--	47.50	--	13.7	666.0	--	--	--	14.40
9/1/15	--	356.3	--	47.20	--	28.3	593.0	--	--	--	14.00
3/21/16	--	1075.0	--	51.40	--	11.4	694.0	--	--	--	45.70
8/30/16	--	1178.0	--	45.40	--	26.7	681.0	--	--	--	22.70
3/8/17	--	1143.0	--	44.30	--	18.8	701.0	--	--	--	48.10
9/14/17	--	1215.0	--	45.90	--	19.0	780.0	--	--	--	21.50
3/29/18	--	1215.0	--	48.90	--	25.8	736.0	--	--	--	22.90
9/5/18	--	1358.0	--	41.30	--	23.6	751.0	--	--	--	35.00
4/10/19	--	1449.0	1210.0	45.80	--	15.9	751.0	--	19.3	12.800	15.90
7/29/19	--	1143.0	1180.0	45.20	--	19.5	732.0	--	6.3	1.500	0.00
3/5/20	--	1062.0	1190.0	37.60	--	14.0	698.0	--	57.0	72.500	33.20
7/30/20	--	1081.0	1210.0	32.50	--	18.4	682.0	--	17.8	9.270	12.10
3/31/21	--	985.0	1150.0	32.30	--	13.9	1300.0	--	83.3	57.500	158.00
9/3/21	--	1037.0	1130.0	29.10	--	17.6	621.0	--	275.0	97.000	215.00

Gude Landfill
Monitoring Location OB025 - General Parameters

Printed 5/25/22

	Phosphate (mg/L)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
3/30/22	--	1035.0	1170.0	29.50	--	14.0	649.0	--	66.2	65.000	78.32

Gude Landfill
Monitoring Location OB025 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
5/1/01	0.0007 U	0.0005 U	0.0597	0.0005 U	--	0.0020 U	--	0.0046	0.0102	0.0100 U	--	0.00310
9/4/01	0.0020 U	0.0020 U	0.0851	0.0017 U	--	0.0006 U	--	0.0012 U	0.0138	0.0105	--	0.00200 U
3/13/02	0.0005 U	0.0041	0.1423	0.0017 U	--	0.0020 U	--	0.0182	0.0102	0.0382	--	0.04010
9/17/02	0.0007 U	0.0065	0.1118	0.0004 U	--	0.0020 U	--	0.0060	0.0289	0.0214	--	0.00430
6/3/03	0.0256	0.0200 U	0.1133	0.0200 U	--	0.0200 U	--	0.0200 U	0.0311	0.0439	--	0.02000 U
10/9/03	0.0009 U	0.0008 U	0.0846	0.0016 U	--	0.0020 U	--	0.0020 U	0.0109	0.0100 U	--	0.00200 U
3/30/04	0.0009 U	0.0034	0.1361	0.0016 U	--	0.0020 U	--	0.0228	0.0410	0.0339	--	0.00860
9/21/04	0.0028 U	0.0006 U	0.0800	0.0012 U	--	0.0020 U	--	0.0035	0.0104	0.0153	--	0.00200 U
4/6/05	0.0028 U	0.0006 U	0.0817	0.0012 U	--	0.0020 U	--	0.0007 U	0.0166	0.0137	--	0.00060 U
9/21/05	0.0028 U	0.0040	0.2081	0.0020 U	--	0.0024	--	0.0652	0.0865	0.0774	--	0.02600
4/4/06	0.0006 U	0.0006 U	0.0658	0.0007 U	--	0.0020 U	--	0.0020 U	0.0119	0.0085	--	0.00210
9/25/06	0.0007 U	0.0008 U	0.0794	0.0009 U	--	0.0020 U	--	0.0020 U	0.0157	0.0075	--	0.00200 U
4/17/07	0.0007 U	0.0020 U	0.0832	0.0009 U	0.200 U	--	--	0.0007 U	0.0187	0.0065	--	0.00070 U
10/3/07	0.0007 U	0.0020 U	0.1065	0.0009 U	0.182	--	--	0.0046	0.0229	0.0083	--	0.00200 U
3/26/08	0.0005 U	0.0024	0.1388	0.0010 U	0.167	--	--	0.0089	0.0329	0.0146	--	0.00260
9/24/08	0.0010 U	0.0040 U	0.1179	0.0020 U	0.400 U	--	--	0.0016 U	0.0270	0.0065	--	0.00200 U
3/9/09	0.0010 U	0.0100 U	0.1126	0.0012 U	0.209	--	--	0.0007 U	0.0241	0.0100 U	--	0.00070 U
9/22/09	0.0020 U	0.0037	1.3100	0.0137	--	0.0174	111.00	0.1050	0.4180	0.3640	239.0000	0.14800
7/26/10	0.0010 U	0.0009 U	0.1500	0.0010 U	--	0.0006 U	--	0.0035	0.0410	0.0085	--	0.00130
9/15/10	0.0050 U	0.0050 U	0.1920	0.0050 U	--	0.0050 U	90.20	0.0193	0.0532	0.0302	29.9000	0.00500 U
4/20/11	0.0050 U	0.0050 U	0.1950	0.0050 U	--	0.0050 U	92.70	0.0050 U	0.0244	0.0062	1.3200	0.00500 U
9/6/11	0.0050 U	0.0050 U	0.1630	0.0050 U	--	0.0050 U	65.10	0.0050 U	0.0285	0.0168	5.7300	0.01370
3/12/12	0.0050 U	0.0050 U	0.1460	0.0050 U	--	0.0050 U	73.30	0.0297	0.0393	0.0374	31.7000	0.00771

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB025 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
9/13/12	0.0050 U	0.0050 U	0.6310	0.0062	--	0.0050 U	89.50	0.0174	0.1220	0.1430	25.9000	0.02690
3/26/13	0.0050 U	0.0050 U	0.0769	0.0050 U	--	0.0050 U	56.20	0.0081	0.0067	0.0194	4.6800	0.00500 U
9/12/13	0.0050 U	0.0050 U	0.1750	0.0050 U	--	0.0050 U	91.20	0.0117	0.0373	0.0153	17.0000	0.00500 U
3/11/14	0.0050 U	0.0050 U	0.0539	0.0050 U	--	0.0050 U	39.60	0.0060	0.0050 U	0.0080	3.1000	0.00500 U
9/10/14	0.0212	0.0263	0.6240	0.1160	--	0.1150	61.90	0.3050	0.3360	0.3370	163.0000	0.12200
3/19/15	0.0020 U	0.0020 U	0.0710	0.0020 U	--	0.0040 U	81.00	0.0082 J	0.0090 J	0.0042 J	0.7900	0.00200 U
9/1/15	0.0010 U	0.0010 U	0.0700	0.0010 U	--	0.0005 U	83.00	0.0050 U	0.0090	0.0050 U	0.5000	0.00100 U
3/21/16	0.0050 U	0.0050 U	0.2200	0.0050 U	--	0.0050 U	86.10	0.0071	0.0501	0.0122	7.6400	0.00500 U
8/30/16	0.0020 U	0.0020 U	0.1440	0.0020 U	--	0.0020 U	71.70	0.0020 U	0.0339	0.0037	3.9400	0.00200 U
3/8/17	0.0050 U	0.0050 U	0.1230	0.0050 U	--	0.0050 U	81.20	0.0050 U	0.0339	0.0242	2.8800	0.00500 U
9/14/17	0.0050 U	0.0050 U	0.1150	0.0050 U	--	0.0050 U	83.30	0.0050 U	0.0260	0.0053	3.7400	0.00500 U
3/29/18	0.0050 U	0.0050 U	0.1210	0.0050 U	--	0.0050 U	86.10	0.0050 U	0.0302	0.0070	2.3800	0.00500 U
9/5/18	0.0050 U	0.0050 U	0.1390	0.0050 U	--	0.0050 U	82.90	0.0050 U	0.0377	0.0090	3.6000	0.00500 U
4/10/19	0.0010 U	0.0010 U	0.0912	0.0010 U	--	0.0010 U	62.10 B	0.0029	0.0310	0.0010 U	1.3000	0.00100 U
7/29/19	0.0010 U	0.0010 U	0.1000	0.0010 U	--	0.0010 U	57.60 B	0.0023	0.0300	0.0336	0.3230	0.00100 U
3/5/20	0.0010 U	0.0020	0.1150	0.0010 U	--	0.0010 U	60.50	0.0354	0.0351	0.0053	10.8000	0.00120
7/30/20	0.0010 U	0.0010 U	0.1380	0.0010 U	--	0.0010 U	59.10	0.0021	0.0365	0.0018	2.2100	0.00100 U
3/31/21	0.0010 U	0.0010 U	0.1000	0.0010 U	--	0.0010 U	51.50	0.0030	0.0268	0.0022	5.0700	0.00100 U
9/3/21	0.0010 U	0.0017	0.1430	0.0010 U	--	0.0010 U	58.10	0.0090	0.0361	0.0066	13.7000	0.00148
3/30/22	0.0010 U	0.0010 U	0.1090	0.0010 U	--	0.0010 U	64.10	0.0025	0.0274	0.0029	2.8000	0.00100 U

Gude Landfill
Monitoring Location OB025 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002		
5/1/01	--	12.98000	0.000100 U	0.0051	--	0.00180 U	0.0052 U	--	0.0009 U	0.2000 U	0.00060 U
9/4/01	--	16.20000	0.000100 U	0.0100 U	--	0.00200 U	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U
3/13/02	--	0.39740	0.000200 U	0.0215	--	0.00090 U	0.0044 U	--	0.0009 U	0.2000 U	0.02380
9/17/02	--	20.94000	0.000100 U	0.0281	--	0.00600	0.0096 U	--	0.0010 U	0.0025	0.01270
6/3/03	--	11.46000	0.000200 U	0.0366	--	0.01200 U	0.0960 U	--	0.0100 U	0.0020 U	0.02000 U
10/9/03	--	7.73100	0.000200 U	0.0074	--	0.00200 U	0.0022 U	--	0.0004 U	0.0003 U	0.00200 U
3/30/04	--	1.95480	0.000200 U	0.0446	--	0.00250	0.0022 U	--	0.0010 U	0.0022	0.01710
9/21/04	--	5.52300	0.000100 U	0.0138	--	0.00200 U	0.0018 U	--	0.0006 U	0.0003 U	0.00220
4/6/05	--	11.56200	0.000100 U	0.0109	--	0.00200 U	0.0018 U	--	0.0006 U	0.0050 U	0.00040 U
9/21/05	--	15.00500	0.000200	0.0872	--	0.00530	0.0018 U	--	0.0006 U	0.0100 U	0.06290
4/4/06	--	10.26400	0.000100 U	0.0090	--	0.00150 U	0.0004 U	--	0.0004 U	0.0050 U	0.00040 U
9/25/06	--	9.24900	0.000200 U	0.0097	--	0.00080 U	0.0005 U	--	0.0007 U	0.0050 U	0.00070 U
4/17/07	--	--	0.000200 U	0.0113	--	0.00200 U	0.0005 U	--	0.0007 U	0.0500 U	0.00070 U
10/3/07	--	--	0.000200 U	0.0161	--	0.00230	0.0005 U	--	0.0007 U	0.0020 U	0.00200 U
3/26/08	--	--	0.000200 U	0.0215	--	0.00200 U	0.0001 U	--	0.0001 U	0.0500 U	0.00870
9/24/08	--	--	0.000200 U	0.0128	--	0.00180 U	0.0016 U	--	0.0012 U	0.0011 U	0.00120 U
3/9/09	--	--	0.000200 U	0.0127	--	0.01000 U	0.0043 U	--	0.0008 U	0.0011 U	0.00080 U
9/22/09	82.800	55.80000	0.000300	0.2260	17.600	0.03640	0.0020 U	84.00	0.0020 U	--	0.15600
7/26/10	--	--	0.000100 J	0.0220	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U
9/15/10	71.600	24.20000	0.000200 U	0.0506	16.600	0.00590	0.0050 U	88.90	0.0050 U	--	0.01410
4/20/11	70.200	6.86000	0.001420	0.0183	7.240	0.00500 U	0.0050 U	100.00 J	0.0050 U	--	0.00500 U
9/6/11	44.200	10.52000	0.000200 U	--	14.300	0.00500 U	0.0050 U	54.30	0.0050 U	--	0.00768
3/12/12	57.700	7.21000	0.001290	0.0098	10.700	0.00523	0.0050 U	43.90	0.0050 U	--	0.02360

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB025 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
9/13/12	62.400	20.70000	0.000520	0.0145	16.800	0.00877	0.0050 U	69.00	0.0050 U	--	0.04520
3/26/13	41.500	0.81800	0.000200 U	0.0077	9.220	0.00500 U	0.0050 U	39.00	0.0050 U	--	0.00766
9/12/13	69.000	18.20000	0.000218	0.0110	16.400	0.00500 U	0.0050 U	83.50	0.0050 U	--	0.00998
3/11/14	27.000	0.21000	0.000200 U	0.0089	6.490	0.00500 U	0.0050 U	20.40	0.0050 U	--	0.00500 U
9/10/14	90.300	12.80000	0.000234	0.4000	13.200	0.04110	0.0991	38.40	0.0778	--	0.26100
3/19/15	59.000	14.00000	0.000200 U	0.0220	14.000	0.03500 U	0.0100 U	66.00	0.0020 U	--	0.01000 U
9/1/15	58.000	15.00000	0.000200 U	0.0150	14.000	0.00500 U	0.0010 U	70.00	0.0010 U	--	0.00500 U
3/21/16	62.600	20.30000	0.000200 U	0.0334	14.200	0.00544	0.0050 U	77.90	0.0050 U	--	0.00507
8/30/16	52.400	21.70000	0.000200 U	0.0167	13.500	0.00273	0.0020 U	69.80	0.0010 U	--	0.00200 U
3/8/17	58.600	22.40000	0.000200 U	0.0213	15.000	0.00605	0.0050 U	80.00	0.0050 U	--	0.00500 U
9/14/17	61.000	21.40000	0.000200 U	0.0156	14.600	0.00500 U	0.0050 U	80.80	0.0050 U	--	0.00500 U
3/29/18	59.800	25.00000	0.000200 U	0.0197	14.900	0.00500 U	0.0050 U	80.40	0.0050 U	--	0.00500 U
9/5/18	60.300	24.00000	0.000200 U	0.0239	14.400	0.00802	0.0050 U	80.30	0.0050 U	--	0.00500 U
4/10/19	56.500	24.70000	0.000117	0.0184	14.400	0.00100 U	0.0010 U	82.40	0.0010 U	--	0.00100 U
7/29/19	51.100	22.60000	0.000100 U	0.0181	13.500	0.00100 U	0.0010 U	73.70 B	0.0010 U	--	0.00100 U
3/5/20	54.400	22.70000	0.000100 U	0.0364	16.100	0.00112	0.0010 U	83.30	0.0010 U	--	0.00377
7/30/20	53.100	24.10000	0.000100 U	0.0161	15.500	0.00100 U	0.0010 U	82.50	0.0010 U	--	0.00100 U
3/31/21	45.200	19.60000	0.000100 U	0.0203	13.400	0.00100 U	0.0010 U	71.70	0.0010 U	--	0.00100 U
9/3/21	50.700	21.20000	0.000100 U	0.0270	16.200	0.00100 U	0.0010 U	79.80	0.0010 U	--	0.00489
3/30/22	48.800	22.20000	0.000100 U	0.0140	16.100	0.00100 U	0.0010 U	78.40	0.0010 U	--	0.00100 U

Gude Landfill
Monitoring Location OB025 - Total Metals

Printed 5/25/22

	Zinc, total (mg/L)
MCL/ GWPS	
5/1/01	--
9/4/01	--
3/13/02	--
9/17/02	--
6/3/03	--
10/9/03	--
3/30/04	--
9/21/04	--
4/6/05	--
9/21/05	--
4/4/06	--
9/25/06	--
4/17/07	0.03780
10/3/07	0.04870
3/26/08	0.18680
9/24/08	0.02630
3/9/09	0.02430
9/22/09	3.95000
7/26/10	0.04600
9/15/10	0.10900
4/20/11	0.02160
9/6/11	0.02560
3/12/12	0.11200

Gude Landfill
Monitoring Location OB025 - Total Metals

Printed 5/25/22

Zinc, total (mg/L)

9/13/12	0.13000
3/26/13	0.01960
9/12/13	0.04000
3/11/14	0.01500
9/10/14	0.96200
3/19/15	0.00850 J
9/1/15	0.00960
3/21/16	0.04150
8/30/16	0.01210
3/8/17	0.01680
9/14/17	0.02610
3/29/18	0.03400
9/5/18	0.01980
4/10/19	0.01270
7/29/19	0.01140
3/5/20	0.02580
7/30/20	0.00831
3/31/21	0.01060
9/3/21	0.03580
3/30/22	0.00756

Gude Landfill

Printed 5/25/22

Monitoring Location OB025 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75
5/1/01	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	1.00 U	1.00 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/4/01	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
3/13/02	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/17/02	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
6/3/03	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
10/9/03	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	0.19 U	0.17 U	0.21 U	0.19 U	0.12 U
3/30/04	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/21/04	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	0.43 U	0.27 U	0.34 U	0.33 U	0.44 U
4/6/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	1.00 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/4/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/25/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/17/07	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
10/3/07	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	0.43 U	0.27 U	0.34 U	0.33 U	1.38
3/26/08	0.18 U	0.18 U	0.21 U	0.23 U	0.50 U	0.18 U	0.26 U	0.14 U	0.24 U	0.16 U	0.25 U	0.18 U	0.17 U	0.20 U	10.00 U
9/24/08	0.12 U	0.17 U	0.14 U	0.17 U	0.70	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	0.10 U	0.13 U	0.50 U	0.13 U	0.84
3/9/09	0.12 U	0.17 U	0.14 U	0.17 U	0.50 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	--	0.13 U	0.50 U	0.13 U	--
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	1.13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.34 J	1.00 U	0.40 J	1.00 U	3.16
7/26/10	1.00 U	1.00 U	1.00 U	1.00 U	2.00	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.00
9/15/10	2.00 U	2.00 U	2.00 U	2.00 U	1.11 J	2.00 U	2.00 U	2.00 U	143.00	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	3.80

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB025 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)	
4/20/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	0.37	1.00 U	1.00 U	--	3.70	
9/13/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.30
3/26/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/13	1.00 U	1.00 U	1.00 U	1.00 U	2.16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.84
3/11/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.48
3/19/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.15
3/21/16	1.00 U	1.00 U	1.00 U	1.00 U	1.42	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.49
8/30/16	1.00 U	1.00 U	1.00 U	1.00 U	1.77	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.37
3/8/17	1.00 U	1.00 U	1.00 U	1.00 U	1.14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/14/17	1.00 U	1.00 U	1.00 U	1.00 U	2.71	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.82
3/29/18	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/5/18	1.00 U	1.00 U	1.00 U	1.00 U	2.87	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.07	1.00 U	2.83
4/10/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.10
3/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/20	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.30
3/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.70
3/30/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB025 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
5/1/01	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
9/4/01	--	0.18 U	--	0.15 U	--	1.00 U	0.20 U	0.18 U	0.14 U	1.00 U	0.38 U	0.15 U	1.00 U	0.20 U	0.23 U
3/13/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	1.00 U	0.15 U	0.28 U	1.00 U	0.23 U
9/17/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	1.00 U	0.15 U	0.28 U	0.20 U	0.23 U
6/3/03	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
10/9/03	0.08	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	1.00 U	0.15 U	0.28 U	0.20 U	0.23 U
3/30/04	4.60	1.00 U	--	1.00 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	1.00 U	0.15 U	0.28 U	0.20 U	0.23 U
9/21/04	0.29 U	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/6/05	1.00 U	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/21/05	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/4/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/25/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	1.00 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/17/07	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.00 U	0.31 U	0.27 U
10/3/07	0.29 U	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.58	0.31 U	0.27 U
3/26/08	--	--	--	--	--	0.24 U	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	0.17 U	0.10 U	0.21 U
9/24/08	--	--	--	--	--	0.50 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	1.07	0.50 U	0.12 U
3/9/09	--	--	--	--	--	0.09 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.50 U	0.13 U	0.12 U
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.46 J	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	1.93	0.33 J	1.00 U
7/26/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	3.00	1.00 U	1.00 U
9/15/10	0.87 J	2.00 U	2.00 U	2.00 U	2.00 U	2.11	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	4.50	0.69 J	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB025 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
4/20/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.60	1.00 U	1.00 U
9/13/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/26/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.43	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	7.75	1.00 U	1.00 U
3/11/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.34	1.00 U	1.00 U
3/19/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.15	1.00 U	1.00 U
3/21/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.56	1.00 U	1.00 U
8/30/16	5.00 U	5.00 U	5.00 U	7.99	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.64	1.00 U	1.00 U
3/8/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/14/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.60	1.00 U	1.00 U
3/29/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/5/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.02	1.00 U	1.00 U
4/10/19	5.00 U	5.00 U	5.00 U	14.50	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/19	5.00 U	5.00 U	5.00 U	5.80	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.70	1.00 U	1.00 U
3/5/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.60	1.00 U	1.00 U
3/31/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.80	1.00 U	1.00 U
3/30/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB025 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
5/1/01	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
9/4/01	1.00 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	2.69	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
3/13/02	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
9/17/02	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	1.00 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
6/3/03	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.45	0.24 U	0.22 U
10/9/03	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
3/30/04	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
9/21/04	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/6/05	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
9/21/05	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
4/4/06	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
9/25/06	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/17/07	0.25 U	2.56	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
10/3/07	1.00 U	6.07	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.44	0.32 U	0.45 U
3/26/08	0.15 U	4.38	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.15 U	0.12 U	0.22 U	0.20 U	0.20 U	0.28 U	0.22 U
9/24/08	0.50 U	6.23	0.12 U	0.13 U	0.12 U	0.23 U	--	5.00 U	0.20 U	0.17 U	0.11 U	0.11 U	0.16 U	0.12 U	0.50 U
3/9/09	0.20 U	4.12	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.16 U	0.12 U	0.14 U
9/22/09	1.00 U	7.50	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.70 J	1.00 U	1.00 U
7/26/10	1.00 U	11.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/15/10	2.00 U	6.82	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.86 J	2.00 U	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB025 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
4/20/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	1.00 U	4.90	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	3.80	1.00 U	1.00 U
9/13/12	1.00 U	9.55	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/26/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U
9/12/13	1.00 U	19.50	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.92	1.00 U	1.00 U
3/11/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	1.00 U	1.02	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/19/15	1.00 U	3.14	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/15	1.00 U	7.14	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/16	1.00 U	9.22	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/16	1.00 U	12.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/17	1.00 U	7.39	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/14/17	1.00 U	16.90	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/18	1.00 U	7.85	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/5/18	1.00 U	17.10	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/10/19	1.00 U	3.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/19	1.00 U	7.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/5/20	1.00 U	4.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/20	1.00 U	8.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/31/21	1.00 U	2.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/21	1.00 U	3.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/22	1.00 U	2.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location OB025 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
5/1/01	0.13 U	1.00 U	0.19 U	0.18 U	--	--	--
9/4/01	0.13 U	0.14 U	0.19 U	0.18 U	--	--	--
3/13/02	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
9/17/02	0.13 U	0.14 U	0.19 U	0.18 U	--	--	--
6/3/03	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
10/9/03	0.13 U	1.00 U	0.19 U	0.18 U	--	2.49	--
3/30/04	0.13 U	0.14 U	0.19 U	0.18 U	--	0.12	--
9/21/04	0.24 U	0.30 U	0.31 U	0.36 U	--	3.33	--
4/6/05	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/21/05	0.24 U	0.30 U	1.00 U	0.36 U	--	1.21	--
4/4/06	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/25/06	0.24 U	0.30 U	0.31 U	0.36 U	--	2.15	--
4/17/07	0.24 U	0.30 U	1.04	0.36 U	--	1.00 U	--
10/3/07	0.24 U	0.30 U	2.43	0.36 U	--	5.29	--
3/26/08	0.08 U	--	1.21	0.07 U	--	0.50 U	--
9/24/08	0.13 U	--	0.13 U	0.10 U	--	4.29	--
3/9/09	0.13 U	--	0.96	0.10 U	--	0.50 U	--
9/22/09	1.00 U	1.00 U	1.66	1.00 U	--	2.61	--
7/26/10	1.00 U	5.00 U	2.00	1.00 U	1.00 U	3.00	--
9/15/10	2.00 U	2.00 U	2.24	2.00 U	2.00 U	4.04	--

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill

Monitoring Location OB025 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
4/20/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	1.00 U	5.00 U	2.10	1.00 U	1.00 U	1.00 U	1.00 U
9/13/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/26/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/12/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	3.47	--
3/11/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/10/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/19/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/1/15	1.00 U	5.00 U	2.07	1.00 U	5.00 U	2.78	--
3/21/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.43	--
8/30/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	3.79	--
3/8/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.26	--
9/14/17	1.00 U	5.00 U	1.29	1.00 U	5.00 U	4.64	--
3/29/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.29	--
9/5/18	1.00 U	5.00 U	1.08	1.00 U	5.00 U	5.66	--
4/10/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/29/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.50	--
3/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/30/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.80	--
3/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/3/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.50	--
3/30/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location OB02A - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/21/11	0.005 U	0.005 U	0.339	0.005 U	0.005 U	84.8	0.01 U	0.01 U	0.006	0.7	0.005 U	48.6	0.039	0.0002 U
9/6/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/7/12	0.005 U	0.005 U	0.366	0.005 U	0.005 U	89.3	0.01 U	0.01 U	0.006	0.4	0.005 U	49.9	0.046	0.0002 U
9/10/12	0.005 U	0.005 U	0.439	0.010 U	0.005 U	109.0	0.01 U	0.01 U	0.005	0.6	0.005 U	64.4	0.054	0.0002 U
3/26/13	0.005 U	0.005 U	0.377	0.005 U	0.005 U	90.0	0.01 U	0.01 U	0.012	0.4	0.005 U	52.1	0.040	0.0002 U
9/17/13	0.005 U	0.005 U	0.444	0.005 U	0.005 U	112.0	0.01 U	0.01 U	0.005 U	0.5	0.005 U	67.6	0.054	0.0002 U
3/12/14	0.005 U	0.005 U	0.397	0.005 U	0.005 U	95.6	0.01 U	0.01 U	0.005 U	0.5	0.005 U	53.0	0.047	0.0002 U
9/8/14	0.005 U	0.005 U	0.435	0.005 U	0.005 U	98.3	0.01 U	0.01 U	0.005 U	0.5	0.005 U	58.7	0.049	0.0002 U
3/18/15	0.002 U	0.002 U	0.310	0.002 U	0.004 U	85.0	0.01 U	0.01 U	0.003 J	0.0 U	0.002 U	45.0	0.025	0.0002 U
8/31/15	0.001 U	0.001 U	0.460	0.001 U	0.001 U	110.0	0.01 U	0.01 U	0.005 U	0.0 U	0.001 U	65.0	0.043	0.0002 U
3/16/16	0.002 U	0.002 U	0.435	0.002 U	0.002 U	102.0	0.00 U	0.00 U	0.002 U	0.6	0.002 U	59.3	0.053	0.0002 U
8/29/16	0.002 U	0.002 U	0.470	0.002 U	0.002 U	102.0	0.00 U	0.00 U	0.002 U	0.6	0.002 U	63.6	0.047	0.0002 U
3/6/17	0.002 U	0.004	0.498	0.002 U	0.002 U	108.0	0.00	0.00 U	0.003	0.6	0.002 U	65.5	0.045	0.0002 U
9/12/17	0.002 U	0.002 U	0.494	0.002 U	0.002 U	107.0	0.00 U	0.00 U	0.002 U	0.5	0.002 U	65.4	0.041	0.0002 U
3/27/18	0.002 U	0.002 U	0.463	0.002 U	0.002 U	102.0	0.00	0.00 U	0.002 U	0.2 U	0.002 U	61.3	0.028	0.0002 U
9/11/18	0.002 U	0.002 U	0.430	0.002 U	0.002 U	88.2	0.00	0.00 U	0.002 U	0.1 U	0.002 U	53.2	0.033	0.0002 U

Gude Landfill

Printed 5/25/22

Monitoring Location OB02A - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/21/11	0.01	4.4	0.005 U	0.01 U	29.9	0.005 U	0.01 U	0.008
9/6/11	0.01	--	--	--	--	--	--	--
3/7/12	0.01	5.3	0.005 U	0.01 U	35.3	0.005 U	0.01 U	0.007
9/10/12	0.01 U	5.8	0.005 U	0.01 U	39.1	0.005 U	0.01 U	0.009
3/26/13	0.01	5.0	0.005 U	0.01 U	36.0	0.005 U	0.01 U	0.007
9/17/13	0.01	5.5	0.005 U	0.01 U	39.8	0.005 U	0.01 U	0.008
3/12/14	0.01	4.6	0.005 U	0.01 U	33.7	0.005 U	0.01 U	0.009
9/8/14	0.01	5.0	0.005 U	0.01 U	39.0	0.005 U	0.01 U	0.010
3/18/15	0.01	3.7	0.035 U	0.01 U	28.0	0.002 U	0.01 U	0.008 U
8/31/15	0.01 U	5.8	0.005 U	0.00 U	46.0	0.001 U	0.01 U	0.005 U
3/16/16	0.01	4.5	0.002 U	0.00 U	40.8	0.001 U	0.00 U	0.004
8/29/16	0.01	5.4	0.002 U	0.00 U	43.7	0.001 U	0.00 U	0.004
3/6/17	0.02	5.2	0.002 U	0.00 U	46.1	0.001 U	0.00	0.006
9/12/17	0.01	5.2	0.002 U	0.00 U	46.1	0.001 U	0.00 U	0.004
3/27/18	0.01	5.3	0.002 U	0.00 U	44.9	0.001 U	0.00 U	0.005
9/11/18	0.01	5.0	0.002 U	0.00 U	40.3	0.001 U	0.00 U	0.004

Gude Landfill
Monitoring Location OB02A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
MCL/ GWPS					0.2			10		1				
4/2/01	--	--	--	74.0551	0.005 U	--	--	--	--	--	--	--	--	--
9/5/01	--	--	--	69.1777	0.003	--	--	--	--	--	--	--	--	--
3/12/02	--	--	--	81.3822	0.002	--	--	--	--	--	--	--	--	--
9/16/02	--	--	--	140.4650	0.001 U	--	--	--	--	--	--	--	--	--
6/2/03	--	--	--	54.9980	0.002 U	--	--	--	--	--	--	--	--	0.078
10/8/03	--	--	--	--	0.006	--	--	--	--	--	--	--	--	0.083
3/23/04	--	--	--	--	0.006	--	--	--	--	--	--	--	--	0.039
9/20/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.056
4/5/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.064
9/21/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.543
4/4/06	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.062
9/25/06	--	--	--	--	0.001 U	--	--	--	--	--	--	--	--	0.049
4/17/07	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.053
10/2/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.063
3/26/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/23/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/22/09	38.0	0.20 U	3.6 J	280.0000	--	--	390.0	0.5894	--	--	--	--	--	--
7/28/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/14/10	40.0	0.20 U	10.0 U	310.0000	--	--	420.0	0.5890	0.64	0.05 U	--	--	--	--

Gude Landfill
Monitoring Location OB02A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
4/21/11	35.0	0.20 U	10.0 U	302.0000	--	--	391.0	0.5430	0.55	0.05 U	--	--	--	--
9/6/11	36.0	0.20 U	10.0 U	350.0000	--	--	463.0	0.5760	0.59	0.05 U	--	--	--	--
3/7/12	36.0	0.20 U	10.0 U	334.0000	--	--	414.0	0.5820	0.59	0.05 U	--	--	--	--
9/10/12	33.0	0.20 U	10.0 U	36.0000	--	--	112.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/26/13	33.0	0.20 U	10.0 U	335.0000	--	0.06	426.0	0.6230	0.67	0.05 U	343.0	5.70	--	--
9/17/13	34.0	0.20 U	10.0 U	419.0000	--	0.05	520.0	0.6160	0.63	0.05 U	404.0	5.34	--	--
3/12/14	33.0	0.20 U	10.0 U	359.0000	--	0.02	444.0	0.6510	--	--	401.0	5.33	--	--
9/8/14	37.0	0.20 U	10.0 U	383.0000	--	2.70	498.0	0.6140	0.66	0.05 U	327.0	5.77	--	--
3/18/15	32.0	0.20 U	10.0 U	299.0000	--	0.00	432.0	0.6250	0.68	0.05 U	376.0	5.49	--	--
8/31/15	37.0	0.20 U	10.0 U	431.0000	--	0.92	580.0	0.6930	0.74	0.05 U	280.0	5.59	--	--
3/16/16	35.0	0.20 U	10.0 U	391.0000	--	0.00	508.0	0.9900	1.04	0.05 U	370.0	5.58	--	--
8/29/16	38.0	0.20 U	10.0 U	405.0000	--	--	552.0	0.9440	0.95	0.05 U	374.0	5.66	--	--
3/6/17	63.0	0.20 U	10.0 U	407.0000	--	--	202.0	1.3800	1.39	0.05 U	424.0	5.55	--	--
9/12/17	52.0	0.20 U	10.0 U	401.0000	--	0.50	450.0	1.6700	1.68	0.05 U	468.0	5.74	--	--
3/27/18	39.2	0.20 U	10.0 U	394.0000	--	--	540.0	1.9100	1.92	0.05 U	235.0	5.75	--	--
9/11/18	41.4	0.20 U	10.0 U	381.0000	--	--	473.0	1.6600	1.67	0.05 U	232.0	5.52	--	--
4/17/19	34.7	0.10 U	13.0	196.0000	--	1.09	251.0	1.9000	--	--	167.6	5.50	5.78	--
8/2/19	44.3	0.10 U	8.9	322.0000	--	0.13	380.0	1.2000	--	--	187.5	5.30	5.88	--
3/3/20	38.1	0.10 U	3.0 U	331.0000	--	0.50	392.0	1.7100	--	--	238.3	5.48	5.63	--
8/5/20	31.2	0.10 U	11.5	330.0000	--	0.68	411.0	1.1300	--	--	215.0	5.69	5.65	--
3/24/21	38.7	0.10 U	4.0	331.0000	--	0.15	381.0	1.1400	--	--	213.3	5.44	5.61	--
8/31/21	49.8	0.05 U	18.3	410.0000	--	0.65	508.0	1.2900	--	--	252.9	5.79	5.67	--

Gude Landfill
Monitoring Location OB02A - General Parameters

Printed 5/25/22

Date	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
4/5/22	56.2	0.02 J	3.0 U	416.0000	--	0.65	537.0	1.1600	--	--	184.9	5.49	5.68	--

Gude Landfill
Monitoring Location OB02A - General Parameters

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS										
4/2/01	--	--	--	--	--	--	--	--	1.600	--
9/5/01	--	--	--	--	--	--	--	--	2.700	--
3/12/02	--	--	--	--	--	--	--	--	1.850	--
9/16/02	--	--	--	--	--	--	--	--	3.000	--
6/2/03	--	--	--	--	--	--	0 U	--	2.800	--
10/8/03	--	--	--	--	--	--	0 U	--	--	--
3/23/04	--	--	--	--	--	--	0 U	--	--	--
9/20/04	--	--	--	--	--	--	0 U	--	--	--
4/5/05	--	--	--	--	--	--	0 U	--	--	--
9/21/05	--	--	--	--	--	--	0	--	--	--
4/4/06	--	--	--	--	--	--	0	--	--	--
9/25/06	--	--	--	--	--	--	0	--	--	--
4/17/07	--	--	--	--	--	--	0 U	--	--	--
10/2/07	--	--	--	--	--	--	0 U	--	--	--
3/26/08	--	--	--	--	--	--	0 U	--	--	--
9/23/08	--	--	--	--	--	--	0 U	--	--	--
9/22/09	--	--	22.40	--	--	1088.0	--	--	3.830	--
7/28/10	--	--	--	3.0 U	--	--	--	--	--	--
9/14/10	--	--	25.40	--	--	1192.0	--	--	0.891	--

Gude Landfill
Monitoring Location OB02A - General Parameters

Printed 5/25/22

Date	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
4/21/11	--	--	17.80 J	--	--	288.0	--	--	0.416	--
9/6/11	--	--	21.50	--	--	68.0	--	--	--	--
3/7/12	--	--	18.40	--	--	824.0	--	--	--	--
9/10/12	--	--	4.91	--	--	176.0	--	--	--	--
3/26/13	1.3	--	19.30	--	14.7	796.0	--	--	--	0.00
9/17/13	1327.0	--	22.20	--	15.7	1072.0	--	--	--	0.00
3/12/14	1125.0	--	22.50	--	14.8	944.0	--	--	--	1.62
9/8/14	1249.0	--	22.90	--	15.1	826.0	--	--	--	1.40
3/18/15	851.1	--	17.50	--	13.6	644.0	--	--	--	5.40
8/31/15	1365.0	--	21.50	--	16.8	932.0	--	--	--	2.61
3/16/16	1230.0	--	23.50	--	17.4	770.0	--	--	--	4.60
8/29/16	686.0	--	23.20	--	15.5	936.0	--	--	--	0.00
3/6/17	1292.0	--	19.30	--	13.7	670.0	--	--	--	0.00
9/12/17	1433.0	--	18.50	--	14.5	929.0	--	--	--	0.00
3/27/18	1208.0	--	19.90	--	11.6	1040.0	--	--	--	16.80
9/11/18	1246.0	--	19.70	--	15.6	747.0	--	--	--	0.00
4/17/19	87.2	707.0	24.50	--	14.4	659.0	--	24.1	7.650	9.90
8/2/19	1.1	1160.0	24.10	--	16.6	975.0	--	2.3 U	0.500 U	0.00
3/3/20	1124.0	1150.0	24.10	--	17.0	772.0	--	41.8	2.740	4.50
8/5/20	1114.0	1280.0	24.40	--	17.7	690.0	--	79.4	12.000	15.50
3/24/21	1149.0	1210.0	26.00	--	16.0	651.0	--	2.6	0.500 U	1.18
8/31/21	134.8	1420.0	25.50	--	18.7	873.0	--	10.4	4.190	5.70

Gude Landfill
Monitoring Location OB02A - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
4/5/22	1389.0	1501.0	24.50	--	15.2	824.0	--	29.4	1.740	8.10

Gude Landfill
Monitoring Location OB02A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
4/2/01	0.0007 U	0.0005 U	0.0791	0.0005 U	--	0.0022	--	0.0020 U	0.0007 U	0.0139	--	0.00290
9/5/01	0.0020 U	0.0020 U	0.0946	0.0017 U	--	0.0020 U	--	0.0020 U	0.0004 U	0.0086	--	0.00340
3/12/02	0.0020 U	0.0007 U	0.1163	0.0017 U	--	0.0020 U	--	0.0039	0.0004 U	0.0118	--	0.00260
9/16/02	0.0007 U	0.0003 U	0.1795	0.0004 U	--	0.0020 U	--	0.0026	0.0020 U	0.0102	--	0.00630
6/2/03	0.0007 U	0.0020 U	0.1050	0.0004 U	--	0.0020 U	--	0.0005 U	0.0004 U	0.0090	--	0.00200 U
10/8/03	0.0009 U	0.0008 U	0.0976	0.0016 U	--	0.0007 U	--	0.0005 U	0.0005 U	0.0100 U	--	0.00200 U
3/23/04	0.0009 U	0.0008 U	0.1032	0.0016 U	--	0.0007 U	--	0.0020 U	0.0005 U	0.0100 U	--	0.00200 U
9/20/04	0.0028 U	0.0006 U	0.1403	0.0012 U	--	0.0020 U	--	0.0020 U	0.0020 U	0.0154	--	0.00200 U
4/5/05	0.0028 U	0.0006 U	0.1033	0.0012 U	--	0.0020 U	--	0.0007 U	0.0005 U	0.0159	--	0.00200 U
9/21/05	0.0028 U	0.0006 U	0.1198	0.0012 U	--	0.0020 U	--	0.0020 U	0.0005 U	0.0114	--	0.00200
4/4/06	0.0006 U	0.0006 U	0.1035	0.0007 U	--	0.0020 U	--	0.0020 U	0.0005 U	0.0137	--	0.00310
9/25/06	0.0007 U	0.0008 U	0.2976	0.0009 U	--	0.0006 U	--	0.0020 U	0.0005 U	0.0057	--	0.00070 U
4/17/07	0.0007 U	0.0008 U	0.2861	0.0009 U	0.006 U	--	--	0.0020 U	0.0005 U	0.0062	--	0.00070 U
10/2/07	0.0020 U	0.0008 U	0.1479	0.0009 U	0.006 U	--	--	0.0020 U	0.0005 U	0.0103	--	0.00200 U
3/26/08	0.0005 U	0.0006 U	0.2413	0.0010 U	0.020 U	--	--	0.0020 U	0.0012 U	0.0045	--	0.00100 U
9/23/08	0.0010 U	0.0012 U	0.1676	0.0020 U	0.040 U	--	--	0.0016 U	0.0024 U	0.0061	--	0.00200 U
3/5/09	0.0033	0.0006 U	0.2743	0.0010 U	0.020 U	--	--	0.0020 U	0.0012 U	0.0064	--	0.00100 U
9/22/09	0.0020 U	0.0020 U	0.3540	0.0020 U	--	0.0020 U	77.50	0.0020 U	0.0003 J	0.0054	0.4140	0.00200 U
7/28/10	0.0010 U	0.0010	0.3500	0.0010 U	--	0.0010 U	--	0.0010 U	0.0010 U	0.0010	--	0.00100 U
9/14/10	0.0050 U	0.0050 U	0.3450	0.0050 U	--	0.0050 U	87.10	0.0050 U	0.0050 U	0.0077	0.6820	0.00500 U
4/21/11	0.0050 U	0.0050 U	0.3490	0.0050 U	--	0.0050 U	82.90	0.0050 U	0.0050 U	0.0053	0.5000 U	0.00500 U
9/6/11	0.0050 U	0.0050 U	0.3970	0.0050 U	--	0.0050 U	96.30	0.0050 U	0.0050 U	0.0050 U	0.5800	0.00500 U
3/7/12	0.0050 U	0.0050 U	0.3560	0.0050 U	--	0.0050 U	94.00	0.0050 U	0.0050 U	0.0051	0.3960	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB02A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
9/10/12	0.0050 U	0.0050 U	0.0568	0.0050 U	--	0.0050 U	24.70	0.0050 U	0.0050 U	0.0050 U	0.7930	0.00500 U
3/26/13	0.0050 U	0.0050 U	0.3850	0.0050 U	--	0.0050 U	90.30	0.0050 U	0.0050 U	0.0112	0.4860	0.00500 U
9/17/13	0.0050 U	0.0050 U	0.4390	0.0050 U	--	0.0050 U	112.00	0.0050 U	0.0050 U	0.0050 U	0.5210	0.00500 U
3/12/14	0.0050 U	0.0050 U	0.3990	0.0050 U	--	0.0050 U	88.90	0.0050 U	0.0050 U	0.0050 U	0.5740	0.00500 U
9/8/14	0.0050 U	0.0050 U	0.4360	0.0050 U	--	0.0050 U	91.20	0.0050 U	0.0050 U	0.0050 U	0.5670	0.00500 U
3/18/15	0.0020 U	0.0020 U	0.3000	0.0020 U	--	0.0040 U	80.00	0.0033 J	0.0100 U	0.0035 J	0.6200	0.00200 U
8/31/15	0.0010 U	0.0010 U	0.4600	0.0010 U	--	0.0005 U	110.00	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.00100 U
3/16/16	0.0020 U	0.0020 U	0.4360	0.0020 U	--	0.0020 U	102.00	0.0020 U	0.0020 U	0.0020 U	0.7030	0.00200 U
8/29/16	0.0020 U	0.0020 U	0.4730	0.0020 U	--	0.0020 U	103.00	0.0020 U	0.0020 U	0.0020 U	1.3300	0.00200 U
3/6/17	0.0050 U	0.0050 U	0.4770	0.0050 U	--	0.0050 U	111.00	0.0050 U	0.0050 U	0.0050 U	1.2100	0.00500 U
9/12/17	0.0020 U	0.0020 U	0.4880	0.0020 U	--	0.0020 U	107.00	0.0020 U	0.0020 U	0.0020 U	0.9220	0.00200 U
3/27/18	0.0050 U	0.0050 U	0.4930	0.0050 U	--	0.0050 U	109.00	0.0050 U	0.0050 U	0.0050 U	2.0100	0.00500 U
9/11/18	0.0020 U	0.0020 U	0.4260	0.0020 U	--	0.0020 U	94.70	0.0028	0.0020 U	0.0020 U	0.0500 U	0.00200 U
4/17/19	0.0010 U	0.0010 U	0.2140	0.0010 U	--	0.0010 U	48.20	0.0086	0.0010 U	0.0020	0.7570	0.00100 U
8/2/19	0.0010 U	0.0010 U	0.3410	0.0010 U	--	0.0010 U	69.00	0.0010 U	0.0010 U	0.0010 U	0.1000 U	0.00100 U
3/3/20	0.0010 U	0.0010 U	0.3370	0.0010 U	--	0.0010 U	74.20	0.0010 U	0.0010 U	0.0032	0.1230	0.00100 U
8/5/20	0.0010 U	0.0010 U	0.4040	0.0010 U	--	0.0010 U	74.10	0.0030	0.0010 U	0.0023	1.0600	0.00100 U
3/24/21	0.0010 U	0.0010 U	0.3300	0.0010 U	--	0.0010 U	73.10	0.0010 U	0.0010 U	0.0018	0.0160 J	0.00100 U
8/31/21	0.0010 U	0.0010 U	0.4610	0.0010 U	--	0.0010 U	94.70	0.0027	0.0010 U	0.0016	0.4350	0.00100 U
4/5/22	0.0010 U	0.0010 U	0.4760	0.0010 U	--	0.0010 U	106.00	0.0030	0.0015	0.0039	0.5010	0.00100 U

Gude Landfill
Monitoring Location OB02A - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002			
4/2/01	--	0.03620	0.000100 U	0.0035	--	0.00180 U	0.0052 U	--	0.0009 U	0.2000 U	0.00060 U	0.01750
9/5/01	--	0.01420	0.000200 U	0.0100 U	--	0.00090 U	0.0044 U	--	0.0009 U	0.2000 U	0.00200 U	--
3/12/02	--	0.02160	0.000100 U	0.0100 U	--	0.00090 U	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U	--
9/16/02	--	0.10270	0.000100 U	0.0083	--	0.00120 U	0.0096 U	--	0.0010 U	0.0020 U	0.00030 U	--
6/2/03	--	0.03450	0.000200 U	0.0052	--	0.00120 U	0.0096 U	--	0.0010 U	0.0008 U	0.00200 U	--
10/8/03	--	0.02170	0.000200 U	0.0040	--	0.00070 U	0.0022 U	--	0.0004 U	0.0003 U	0.00200 U	--
3/23/04	--	0.03270	0.000200 U	0.0049	--	0.00070 U	0.0022 U	--	0.0004 U	0.0020 U	0.00200 U	--
9/20/04	--	0.03660	0.000200	0.0059	--	0.00100 U	0.0018 U	--	0.0006 U	0.0003 U	0.00200 U	--
4/5/05	--	0.03130	0.000100 U	0.0064	--	0.00100 U	0.0018 U	--	0.0006 U	0.0839	0.00200 U	--
9/21/05	--	0.03030	0.001300	0.0060	--	0.00100 U	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U	--
4/4/06	--	0.01280	0.000200 U	0.0061	--	0.00150 U	0.0004 U	--	0.0004 U	0.0050 U	0.00040 U	--
9/25/06	--	0.00200 U	0.000200 U	0.0082	--	0.00080 U	0.0005 U	--	0.0007 U	0.0050 U	0.00070 U	--
4/17/07	--	--	0.000200 U	0.0092	--	0.00080 U	0.0005 U	--	0.0007 U	0.0500 U	0.00070 U	0.00680
10/2/07	--	--	0.000200 U	0.0059	--	0.00080 U	0.0005 U	--	0.0007 U	0.0020 U	0.00070 U	0.01560
3/26/08	--	--	0.000200 U	0.0077	--	0.00090 U	0.0008 U	--	0.0006 U	0.0500 U	0.00060 U	0.01000 U
9/23/08	--	--	0.000200 U	0.0073	--	0.00180 U	0.0016 U	--	0.0012 U	0.0011 U	0.00120 U	0.02000 U
3/5/09	--	--	0.000200 U	0.0092	--	0.00090 U	0.0008 U	--	0.0006 U	0.0011 U	0.00060 U	0.01310
9/22/09	46.400	0.03810	0.000200 U	0.0122	4.730	0.00200 U	0.0020 U	31.20	0.0020 U	--	0.00020 J	0.01000 U
7/28/10	--	--	0.000200 U	0.0099	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U	0.01200
9/14/10	52.300	0.04490	0.000200 U	0.0120	4.690	0.00500 U	0.0050 U	35.00	0.0050 U	--	0.00500 U	0.00810
4/21/11	53.400	0.05130	0.000200 U	0.0110	5.200	0.00500 U	0.0050 U	31.60 J	0.0050 U	--	0.00500 U	0.00823
9/6/11	59.100	0.04650	0.000200 U	--	5.780	0.00500 U	0.0050 U	34.90	0.0050 U	--	0.00500 U	0.00783
3/7/12	53.100	0.04490	0.000200 U	0.0138	4.820	0.00500 U	0.0050 U	37.50	0.0050 U	--	0.00500 U	0.00652

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB02A - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
9/10/12	10.600	0.71800	0.000200 U	0.0135	3.560	0.00500 U	0.0050 U	10.90	0.0050 U	--	0.00500 U	0.00607
3/26/13	52.400	0.04180	0.000200 U	0.0115	5.240	0.00500 U	0.0050 U	35.90	0.0050 U	--	0.00500 U	0.00696
9/17/13	66.700	0.05480	0.000200 U	0.0131	5.510	0.00500 U	0.0050 U	39.80	0.0050 U	--	0.00500 U	0.00883
3/12/14	49.200	0.04690	0.000200 U	0.0148	5.010	0.00500 U	0.0050 U	30.90	0.0050 U	--	0.00500 U	0.00758
9/8/14	54.300	0.05030	0.000200 U	0.0125	4.950	0.00500 U	0.0050 U	36.80	0.0050 U	--	0.00500 U	0.00972
3/18/15	42.000	0.03100	0.000200 U	0.0110 U	3.500	0.03500 U	0.0100 U	26.00	0.0020 U	--	0.01000 U	0.01300
8/31/15	64.000	0.04300	0.000200 U	0.0100 U	5.900	0.00500 U	0.0010 U	46.00	0.0010 U	--	0.00500 U	0.00500 U
3/16/16	59.600	0.05440	0.000200 U	0.0111	4.460	0.00200 U	0.0020 U	41.20	0.0010 U	--	0.00200 U	0.00474
8/29/16	62.700	0.05190	0.000200 U	0.0120	5.430	0.00200 U	0.0020 U	43.70	0.0010 U	--	0.00202	0.00498
3/6/17	67.300	0.05330	0.000200 U	0.0168	5.530	0.00500 U	0.0050 U	47.30	0.0050 U	--	0.00522	0.00909
9/12/17	65.600	0.04380	0.000200 U	0.0111	5.270	0.00200 U	0.0020 U	46.00	0.0010 U	--	0.00200 U	0.00518
3/27/18	65.700	0.04680	0.000475	0.0145	5.800	0.00500 U	0.0050 U	48.10	0.0050 U	--	0.00500 U	0.03910
9/11/18	57.300	0.03480	0.000200 U	0.0117	5.300	0.00200 U	0.0020 U	43.50	0.0010 U	--	0.00200 U	0.00457
4/17/19	31.800	0.04370	0.000595	0.0108	3.090	0.00100 U	0.0010 U	28.00	0.0010 U	--	0.00141	0.00945
8/2/19	50.300	0.03470	0.000117	0.0090	4.550	0.00100 U	0.0010 U	41.10	0.0010 U	--	0.00100 U	0.00400 U
3/3/20	50.200	0.03820	0.000105	0.0084	4.440	0.00100 U	0.0010 U	40.10	0.0010 U	--	0.00100 U	0.00615
8/5/20	54.800	0.05010	0.000465	0.0107	5.440	0.00100 U	0.0010 U	46.10	0.0010 U	--	0.00246	0.00691
3/24/21	48.300	0.04090	0.000100 U	0.0081	4.170	0.00100 U	0.0010 U	41.40	0.0010 U	--	0.00100 U	0.00822 B
8/31/21	65.900	0.05690	0.000342	0.0122	5.990	0.00100 U	0.0010 U	56.00	0.0010 U	--	0.00177	0.00633
4/5/22	65.700	0.05140	0.000153	0.0127	6.140	0.00100 U	0.0010 U	57.70	0.0010 U	--	0.00196	0.00668

Gude Landfill

Printed 5/25/22

Monitoring Location OB02A - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75
4/2/01	--	--	--	--	0.13	--	--	--	--	--	10.00 U	--	--	--	10.00 U
9/5/01	0.18 U	0.15 U	0.23 U	0.22 U	4.01	1.00 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	1.00 U	0.19 U	10.00 U
3/12/02	0.18 U	0.15 U	0.23 U	0.22 U	1.84	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	1.00 U	0.19 U	10.00 U
9/16/02	0.18 U	0.15 U	0.23 U	0.22 U	4.14	1.00 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	1.00 U	0.19 U	10.00 U
6/2/03	0.18 U	0.15 U	0.23 U	0.22 U	5.40	1.00 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	1.00 U	0.19 U	10.00 U
10/8/03	0.18 U	0.15 U	0.23 U	0.22 U	5.99	1.00 U	0.22 U	0.21 U	0.14 U	0.20 U	1.00 U	0.17 U	1.24	0.19 U	1.00 U
3/23/04	0.18 U	0.15 U	0.23 U	0.22 U	1.77	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/20/04	0.13 U	0.24 U	0.44 U	0.25 U	1.24	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	1.00 U	0.33 U	10.00 U
4/5/05	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	1.10	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	1.00 U	0.33 U	10.00 U
4/4/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/25/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/17/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
10/2/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
3/26/08	0.18 U	0.18 U	0.21 U	0.23 U	0.22 U	0.18 U	0.26 U	0.14 U	0.24 U	0.16 U	0.25 U	0.18 U	0.17 U	0.20 U	10.00 U
9/23/08	0.12 U	0.17 U	0.14 U	0.17 U	0.50 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	0.10 U	0.13 U	0.15 U	0.13 U	10.00 U
3/5/09	0.12 U	0.17 U	0.14 U	0.17 U	0.50 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	10.00 U	0.13 U	0.15 U	0.13 U	10.00 U
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.30 J
7/28/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/14/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill

Printed 5/25/22

Monitoring Location OB02A - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
4/21/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/7/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/10/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/26/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/17/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/8/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/16/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/29/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/17/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/2/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB02A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
4/2/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/5/01	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	1.00 U	1.00 U	0.15 U	0.28 U	1.00 U	0.23 U
3/12/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	1.00 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
9/16/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	1.00 U	0.23 U
6/2/03	--	0.18 U	--	0.15 U	--	2.76	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	1.00 U	0.23 U
10/8/03	0.36	0.18 U	--	0.15 U	--	3.50	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	1.00 U	1.00 U	0.23 U
3/23/04	5.15	1.00 U	--	0.15 U	--	1.00 U	0.20 U	0.18 U	0.14 U	1.00 U	1.00 U	0.15 U	0.28 U	0.20 U	0.23 U
9/20/04	0.29 U	0.19 U	--	2.80	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/5/05	0.29 U	1.00 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/21/05	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/4/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/25/06	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/17/07	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
10/2/07	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
3/26/08	--	--	--	--	--	0.24 U	0.12 U	0.19 U	0.12 U	0.09 U	--	0.13 U	0.17 U	0.10 U	0.21 U
9/23/08	--	--	--	--	--	0.09 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.16 U	0.13 U	0.12 U
3/5/09	--	--	--	--	--	0.09 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.16 U	0.13 U	0.12 U
9/22/09	1.00 U	1.00 U	1.00 U	0.86 J	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	1.00 U	1.00 U	1.00 U
7/28/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/14/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Gude Landfill
Monitoring Location OB02A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
4/21/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/26/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/17/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/16/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/29/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/17/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/2/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/3/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location OB02A - Volatile Organic Compounds

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)
MCL/ GWPS		70		80	700	10000				5	10000	100	5	1000
4/2/01	--	1.22	--	--	--	0.07	--	--	--	--	--	--	0.78	--
9/5/01	0.21 U	67.24	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	1.31	0.27 U	0.21 U	1.05	0.24 U
3/12/02	0.21 U	40.15	0.19 U	1.00 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	0.24 U
9/16/02	0.21 U	143.07	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	0.24 U
6/2/03	0.21 U	162.61	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	6.60	0.24 U
10/8/03	0.21 U	189.59	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	0.22 U	1.00 U	1.00 U	0.21 U	12.10	0.24 U
3/23/04	1.00 U	66.86	0.19 U	0.17 U	0.26 U	0.28 U	1.00 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.52	0.24 U
9/20/04	0.25 U	48.26	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.05	0.32 U
4/5/05	0.25 U	19.58	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	2.46	0.32 U
9/21/05	0.25 U	43.45	0.29 U	0.27 U	0.23 U	2.00 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.45	0.32 U
4/4/06	0.25 U	6.90	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U
9/25/06	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U
4/17/07	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U
10/2/07	0.25 U	5.96	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U
3/26/08	0.15 U	0.56	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.15 U	0.12 U	0.22 U	0.20 U	0.20 U	0.28 U
9/23/08	0.20 U	6.87	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.61	0.12 U
3/5/09	0.20 U	9.19	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.50 U	0.12 U
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.45 U	1.00 U
7/28/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/14/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB02A - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)
4/21/11	1.50	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U
3/7/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U
9/10/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/26/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/17/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/16/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/29/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/17/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/2/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Monitoring Location OB02A - Volatile Organic Compounds

	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS	100			5			2	10000
4/2/01	--	--	--	1.31	--	--	--	--
9/5/01	1.20	0.13 U	0.14 U	3.77	1.00 U	--	--	--
3/12/02	0.22 U	0.13 U	0.14 U	3.57	0.18 U	--	--	--
9/16/02	1.20	0.13 U	0.14 U	5.06	0.18 U	--	--	--
6/2/03	1.67	0.13 U	0.14 U	26.98	0.18 U	--	--	--
10/8/03	3.37	0.13 U	0.14 U	30.84	0.18 U	--	11.19	--
3/23/04	1.00 U	0.13 U	0.14 U	9.27	0.18 U	--	1.68	--
9/20/04	1.00 U	0.24 U	0.30 U	6.68	0.36 U	--	3.45	--
4/5/05	1.00 U	0.24 U	0.30 U	5.14	0.36 U	--	1.39	--
9/21/05	0.45 U	0.24 U	0.30 U	4.60	0.36 U	--	1.74	--
4/4/06	0.45 U	0.24 U	0.30 U	2.27	0.36 U	--	0.32 U	--
9/25/06	0.45 U	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
4/17/07	0.45 U	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
10/2/07	0.45 U	0.24 U	0.30 U	1.57	0.36 U	--	0.32 U	--
3/26/08	0.22 U	0.08 U	--	0.23 U	0.07 U	--	0.22 U	--
9/23/08	0.50 U	0.13 U	--	1.39	0.10 U	--	0.50 U	--
3/5/09	0.14 U	0.13 U	--	1.01	0.10 U	--	0.18 U	--
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	--
7/28/10	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/14/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	--

Gude Landfill

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Monitoring Location OB02A - Volatile Organic Compounds

	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
4/21/11	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/11	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/12	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/12	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/26/13	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/17/13	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/12/14	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/8/14	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/18/15	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
8/31/15	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/16/16	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
8/29/16	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/6/17	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/12/17	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/27/18	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/18	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/17/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/2/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/24/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
4/5/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location OB02 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/21/11	0.005 U	0.005 U	0.070	0.005 U	0.005 U	25.5	0.01 U	0.01 U	0.005 U	0.6	0.005 U	10.7	0.934	0.0002 U
9/6/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/7/12	0.005 U	0.005 U	0.063	0.005 U	0.005 U	28.5	0.01 U	0.01 U	0.005 U	0.9	0.005 U	11.5	0.839	0.0002 U
9/10/12	0.005 U	0.005 U	0.052	0.005 U	0.005 U	23.3	0.01 U	0.01 U	0.005 U	0.4	0.005 U	10.4	0.653	0.0002 U
3/26/13	0.005 U	0.005 U	0.049	0.005 U	0.005 U	20.9	0.01 U	0.01 U	0.011	0.3	0.005 U	8.9	0.623	0.0002 U
9/17/13	0.005 U	0.005 U	0.049	0.005 U	0.005 U	23.4	0.01 U	0.01 U	0.005 U	0.3	0.005 U	9.7	0.619	0.0002 U
3/12/14	0.005 U	0.005 U	0.041	0.005 U	0.005 U	19.9	0.01 U	0.01 U	0.005 U	0.4	0.005 U	7.4	0.592	0.0002 U
9/8/14	0.005 U	0.005 U	0.060	0.005 U	0.005 U	24.8	0.01 U	0.01 U	0.005 U	0.3	0.005 U	10.3	0.673	0.0002 U
3/18/15	0.002 U	0.002 U	0.059	0.002 U	0.004 U	18.0	0.01 U	0.01 U	0.002 U	0.3	0.002 U	8.7	0.390	0.0002 U
8/31/15	0.001 U	0.001 U	0.120	0.001 U	0.001 U	44.0	0.01	0.01 U	0.005 U	0.2	0.001 U	19.0	1.400	0.0002 U
3/16/16	0.002 U	0.002 U	0.075	0.002 U	0.002 U	28.0	0.00 U	0.00 U	0.002 U	0.2	0.002 U	11.8	0.700	0.0002 U
8/29/16	0.002 U	0.002 U	0.128	0.002 U	0.002 U	40.3	0.00 U	0.00 U	0.002 U	0.4	0.002 U	18.3	1.140	0.0002 U
3/6/17	0.002 U	0.002 U	0.051	0.002 U	0.002 U	23.5	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	9.2	0.246	0.0002 U
9/12/17	0.002 U	0.002 U	0.042	0.002 U	0.002 U	20.3	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	7.8	0.268	0.0002 U
3/27/18	0.002 U	0.002 U	0.030	0.002 U	0.002 U	17.1	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	6.3	0.258	0.0002 U
9/11/18	0.002 U	0.002 U	0.086	0.002 U	0.002 U	34.3	0.00 U	0.00 U	0.002 U	0.1	0.002 U	15.1	0.779	0.0002 U

Gude Landfill

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Monitoring Location OB02 - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/21/11	0.01 U	3.3	0.005 U	0.01 U	11.0	0.005 U	0.01 U	0.005 U
9/6/11	0.01 U	--	--	--	--	--	--	--
3/7/12	0.01 U	3.7	0.005 U	0.01 U	15.7	0.005 U	0.01 U	0.006
9/10/12	0.01	3.5	0.005 U	0.01 U	11.1	0.005 U	0.01 U	0.006
3/26/13	0.01 U	3.3	0.005 U	0.01 U	14.0	0.005 U	0.01 U	0.005 U
9/17/13	0.01 U	3.1	0.005 U	0.01 U	10.2	0.005 U	0.01 U	0.005
3/12/14	0.01 U	2.8	0.005 U	0.01 U	8.6	0.005 U	0.01 U	0.006
9/8/14	0.01 U	3.2	0.005 U	0.01 U	10.0	0.005 U	0.01 U	0.007
3/18/15	0.01 U	2.1	0.035 U	0.01 U	7.3	0.002 U	0.01 U	0.021
8/31/15	0.01	4.8	0.005 U	0.00 U	15.0	0.001 U	0.01 U	0.005 U
3/16/16	0.00 U	3.6	0.002 U	0.00 U	11.2	0.001 U	0.00 U	0.002 U
8/29/16	0.00	4.3	0.002 U	0.00 U	14.5	0.001 U	0.00 U	0.002 U
3/6/17	0.00 U	3.1	0.002 U	0.00 U	9.7	0.001 U	0.00 U	0.002 U
9/12/17	0.00 U	2.8	0.002 U	0.00 U	8.8	0.001 U	0.00 U	0.002 U
3/27/18	0.00 U	2.6	0.002 U	0.00 U	7.9	0.001 U	0.00 U	0.002 U
9/11/18	0.00	3.8	0.002 U	0.00 U	12.3	0.001 U	0.00 U	0.002 U

Gude Landfill
Monitoring Location OB02 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
MCL/ GWPS					0.2			10		1				
4/2/01	--	--	--	76.7940	0.005 U	--	--	--	--	--	--	--	--	--
9/5/01	--	--	--	77.0228	0.003	--	--	--	--	--	--	--	--	--
3/12/02	--	--	--	80.4001	0.004	--	--	--	--	--	--	--	--	--
9/16/02	--	--	--	77.8282	0.001	--	--	--	--	--	--	--	--	--
6/2/03	--	--	--	84.7667	0.002 U	--	--	--	--	--	--	--	--	0.015
10/8/03	--	--	--	--	0.006	--	--	--	--	--	--	--	--	0.046
3/23/04	--	--	--	--	0.006	--	--	--	--	--	--	--	--	0.010 U
9/20/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.024
4/5/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.010 U
9/21/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.012
4/4/06	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.014
9/25/06	--	--	--	--	0.001 U	--	--	--	--	--	--	--	--	0.021
4/17/07	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.016
10/4/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.023
3/26/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/23/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/22/09	67.0	0.20 U	10.0 U	212.0000	--	--	350.0	0.2000 U	--	--	--	--	--	--
7/28/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/14/10	72.0	0.20 U	10.0 U	90.0000	--	--	169.0	0.2000 U	0.20 U	0.05 U	--	--	--	--

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB02 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
4/21/11	70.0	0.20 U	10.0 U	47.3000	--	--	130.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/6/11	72.0	0.20 U	10.0 U	51.1000	--	--	125.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/7/12	68.0	0.20 U	10.0 U	49.9000	--	--	116.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/10/12	68.0	0.20 U	10.0 U	404.0000	--	--	500.0	0.5750	0.63	0.05 U	--	--	--	--
3/26/13	67.0	0.20 U	34.6	27.8000	--	0.05	86.0	0.2000 U	0.20 U	0.05 U	182.0	7.16	--	--
9/17/13	65.0	0.20 U	10.0 U	32.2000	--	0.04	98.0	0.2000 U	0.20 U	0.05 U	196.0	6.74	--	--
3/12/14	67.0	0.20 U	10.0 U	24.3000	--	0.07	106.0	0.2000 U	--	--	184.0	6.85	--	--
9/8/14	66.0	0.20 U	10.0 U	44.8000	--	1.67	118.0	0.2000 U	0.20 U	0.05 U	178.0	7.10	--	--
3/18/15	72.0	0.20 U	10.0 U	101.0000	--	0.00	170.0	0.2000 U	0.20 U	0.05 U	298.0	6.66	--	--
8/31/15	73.0	0.20 U	10.0 U	107.0000	--	3.05	202.0	0.2000 U	0.20 U	0.05 U	165.0	6.77	--	--
3/16/16	67.0	0.20 U	10.0 U	54.8000	--	0.00	120.0	0.2000 U	0.20 U	0.05 U	221.0	7.02	--	--
8/29/16	85.0	0.20 U	10.0 U	109.0000	--	--	196.0	0.2000 U	0.20 U	0.05 U	220.0	6.41	--	--
3/6/17	102.0	0.20 U	10.0 U	32.2000	--	4.11	112.0	0.2000 U	0.20 U	0.05 U	299.0	7.00	--	--
9/12/17	93.0	0.20 U	10.0 U	20.7000	--	12.40	170.0	0.2000 U	0.20 U	0.05 U	329.0	7.11	--	--
3/27/18	70.2	0.20 U	10.0 U	12.1000	--	--	82.0	0.2000 U	0.20 U	0.05 U	136.0	7.15	--	--
9/11/18	69.3	0.20 U	10.0 U	80.9000	--	--	156.0	0.2000 U	0.20 U	0.05 U	128.0	6.47	--	--
4/17/19	59.3	0.10 U	12.0	195.0000	--	0.29	260.0	0.2000 J	--	--	167.6	5.99	6.69	--
8/2/19	59.6	0.10 U	6.3	209.0000	--	0.29	287.0	0.2000 U	--	--	176.1	5.63	6.18	--
3/3/20	72.6	0.10 U	3.0 U	174.0000	--	0.42	252.0	0.2000 U	--	--	181.1	6.12	6.29	--
8/5/20	46.0	0.10 U	10.8	140.0000	--	1.10	225.0	0.2000 U	--	--	181.7	6.43	6.42	--
3/24/21	72.9	0.10 U	3.0 U	189.0000	--	0.41	249.0	0.0000	--	--	110.8	6.11	6.32	--
8/31/21	81.6	0.05 U	13.4	195.0000	--	0.91	285.0	0.0110 U	--	--	99.1	6.34	6.26	--

Gude Landfill
Monitoring Location OB02 - General Parameters

Printed 5/25/22

Date	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
4/5/22	89.3	0.03	3.0 U	143.0000	--	0.97	241.0	0.0110 U	--	--	79.7	6.26	6.45	--

Gude Landfill
Monitoring Location OB02 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS										
4/2/01	--	--	--	--	--	--	--	--	4.100	--
9/5/01	--	--	--	--	--	--	--	--	15.600	--
3/12/02	--	--	--	--	--	--	--	--	9.110	--
9/16/02	--	--	--	--	--	--	--	--	5.000	--
6/2/03	--	--	--	--	--	--	0 U	--	3.400	--
10/8/03	--	--	--	--	--	--	0 U	--	--	--
3/23/04	--	--	--	--	--	--	0 U	--	--	--
9/20/04	--	--	--	--	--	--	0 U	--	--	--
4/5/05	--	--	--	--	--	--	0 U	--	--	--
9/21/05	--	--	--	--	--	--	0	--	--	--
4/4/06	--	--	--	--	--	--	0	--	--	--
9/25/06	--	--	--	--	--	--	0	--	--	--
4/17/07	--	--	--	--	--	--	0 U	--	--	--
10/4/07	--	--	--	--	--	--	0 U	--	--	--
3/26/08	--	--	--	--	--	--	0 U	--	--	--
9/23/08	--	--	--	--	--	--	0 U	--	--	--
9/22/09	--	--	13.50	--	--	780.0	--	--	10.300	--
7/28/10	--	--	--	3.0 U	--	--	--	--	--	--
9/14/10	--	--	7.38	--	--	388.0	--	--	2.600	--

Gude Landfill

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Monitoring Location OB02 - General Parameters

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
4/21/11	--	--	4.24	--	--	336.0	--	--	33.300	--
9/6/11	--	--	5.87	--	--	1264.0	--	--	--	--
3/7/12	--	--	4.51	--	--	252.0	--	--	--	--
9/10/12	--	--	20.20	--	--	1124.0	--	--	--	--
3/26/13	252.9	--	5.14	--	14.0	152.0	--	--	--	7.50
9/17/13	229.3	--	4.79	--	15.5	174.0	--	--	--	35.30
3/12/14	199.0	--	4.96	--	14.7	178.0	--	--	--	83.20
9/8/14	268.0	--	5.54	--	15.3	166.0	--	--	--	10.50
3/18/15	388.5	--	7.29	--	11.5	286.0	--	--	--	23.90
8/31/15	508.5	--	6.27	--	19.4	320.0	--	--	--	14.90
3/16/16	301.1	--	6.19	--	18.3	263.0	--	--	--	3.00
8/29/16	484.7	--	8.24	--	17.4	382.0	--	--	--	16.40
3/6/17	222.8	--	5.25	--	10.8	115.0	--	--	--	7.70
9/12/17	193.5	--	5.33	--	14.4	150.0	--	--	--	--
3/27/18	159.0	--	5.25	--	11.9	133.0	--	--	--	5.90
9/11/18	402.5	--	6.49	--	14.9	262.0	--	--	--	8.60
4/17/19	889.0	719.0	15.80	--	13.9	642.0	--	10.6	8.470	6.40
8/2/19	0.8	826.0	20.00	--	16.1	616.0	--	4.2	3.910	0.44
3/3/20	687.0	717.0	14.40	--	15.8	494.0	--	12.0	11.300	7.30
8/5/20	594.0	636.0	11.40	--	20.5	374.0	--	12.3	10.700	14.50
3/24/21	674.0	784.0	14.90	--	14.2	464.0	--	8.9	4.180	0.30
8/31/21	835.0	791.0	14.20	--	23.2	333.0	--	6.1	5.070	7.00

Gude Landfill Monitoring Location OB02 - General Parameters

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
4/5/22	634.0	656.0	10.90	--	13.8	521.0	--	8.6	4.640	10.80

Gude Landfill
Monitoring Location OB02 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
4/2/01	0.0007 U	0.0005 U	0.0540	0.0005 U	--	0.0020 U	--	0.0020 U	0.0007 U	0.0100 U	--	0.00200 U
9/5/01	0.0020 U	0.0020 U	0.1256	0.0017 U	--	0.0020 U	--	0.0020 U	0.0020 U	0.0121	--	0.01670
3/12/02	0.0020 U	0.0007 U	0.0838	0.0017 U	--	0.0020 U	--	0.0035	0.0020 U	0.0132	--	0.00510
9/16/02	0.0007 U	0.0020 U	0.1125	0.0004 U	--	0.0020 U	--	0.0026	0.0020 U	0.0137	--	0.00340
6/2/03	0.0007 U	0.0020 U	0.0524	0.0004 U	--	0.0004 U	--	0.0020 U	0.0020 U	0.0090	--	0.00200 U
10/8/03	0.0009 U	0.0020 U	0.1579	0.0016 U	--	0.0020 U	--	0.0020 U	0.0030	0.0100 U	--	0.00200 U
3/23/04	0.0009 U	0.0020 U	0.1567	0.0016 U	--	0.0007 U	--	0.0020 U	0.0020 U	0.0106	--	0.00200
9/20/04	0.0028 U	0.0020 U	0.1684	0.0012 U	--	0.0020 U	--	0.0020 U	0.0034	0.0154	--	0.00200 U
4/5/05	0.0028 U	0.0006 U	0.1443	0.0012 U	--	0.0020 U	--	0.0020 U	0.0020 U	0.0176	--	0.00200 U
9/21/05	0.0028 U	0.0020 U	0.1971	0.0012 U	--	0.0020 U	--	0.0020 U	0.0055	0.0267	--	0.00490
4/4/06	0.0006 U	0.0006 U	0.1508	0.0007 U	--	0.0020 U	--	0.0020 U	0.0020 U	0.0101	--	0.00220
9/25/06	0.0007 U	0.0008 U	0.2539	0.0009 U	--	0.0006 U	--	0.0020 U	0.0049	0.0054	--	0.00070 U
4/17/07	0.0007 U	0.0020 U	0.2817	0.0009 U	0.020 U	--	--	0.0020 U	0.0065	0.0080	--	0.00200 U
10/4/07	0.0020 U	0.0020 U	0.2464	0.0009 U	0.020 U	--	--	0.0020 U	0.0020 U	0.0192	--	0.00200 U
3/26/08	0.0005 U	0.0006 U	0.1635	0.0010 U	0.020 U	--	--	0.0008 U	0.0020 U	0.0052	--	0.00100 U
9/23/08	0.0010 U	0.0012 U	0.1338	0.0020 U	0.040 U	--	--	0.0016 U	0.0024 U	0.0074	--	0.00200 U
3/5/09	0.0020	0.0006 U	0.1568	0.0010 U	0.020 U	--	--	0.0008 U	0.0012 U	0.0055	--	0.00100 U
9/22/09	0.0020 U	0.0020 U	0.2960	0.0020 U	--	0.0020 U	60.60	0.0020 U	0.0057	0.0060	2.6600	0.00200 U
7/28/10	0.0010 U	0.0024	0.1500	0.0010 U	--	0.0012	--	0.0100	0.0081	0.0290	--	0.00960
9/14/10	0.0050 U	0.0050 U	0.1260	0.0050 U	--	0.0050 U	39.10	0.0050 U	0.0050 U	0.0069	0.8180	0.00500 U
4/21/11	0.0050 U	0.0050 U	0.5310	0.0050 U	--	0.0050 U	72.20	0.0050 U	0.0587	0.0050 U	25.2000 J	0.00500 U
9/6/11	0.0050 U	0.0050 U	0.0771	0.0050 U	--	0.0050 U	28.20	0.0050 U	0.0050 U	0.0050 U	0.7680	0.00500 U
3/7/12	0.0050 U	0.0050 U	0.0702	0.0050 U	--	0.0050 U	28.37	0.0050 U	0.0050 U	0.0063	1.1800	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB02 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
9/10/12	0.0050 U	0.0050 U	0.4270	0.0050 U	--	0.0050 U	103.00	0.0050 U	0.0050 U	0.0050 U	0.5860	0.00500 U
3/26/13	0.0050 U	0.0050 U	0.0500	0.0050 U	--	0.0050 U	20.90	0.0050 U	0.0050 U	0.0106	0.7250	0.00500 U
9/17/13	0.0050 U	0.0050 U	0.0524	0.0050 U	--	0.0050 U	23.60	0.0050 U	0.0050 U	0.0050 U	1.0100	0.00500 U
3/12/14	0.0050 U	0.0050 U	0.0575	0.0050 U	--	0.0050 U	23.30	0.0050 U	0.0050 U	0.0086	3.2700	0.00500 U
9/8/14	0.0050 U	0.0050 U	0.0636	0.0050 U	--	0.0050 U	23.60	0.0050 U	0.0050 U	0.0050 U	0.9220	0.00500 U
3/18/15	0.0020 U	0.0020 U	0.1200	0.0020 U	--	0.0040 U	35.00	0.0072 J	0.0100 U	0.0044 J	1.4000	0.00200 U
8/31/15	0.0010 U	0.0010 U	0.1300	0.0010 U	--	0.0005 U	42.00	0.0190	0.0050 U	0.0050 U	1.1000	0.00100 U
3/16/16	0.0020 U	0.0020 U	0.0814	0.0020 U	--	0.0020 U	39.00	0.0020 U	0.0020 U	0.0020 U	0.6120	0.00200 U
8/29/16	0.0050 U	0.0050 U	0.1470	0.0050 U	--	0.0050 U	49.70	0.0050 U	0.0050 U	0.0050 U	1.3600	0.00500 U
3/6/17	0.0050 U	0.0050 U	0.0687	0.0050 U	--	0.0050 U	25.30	0.0050 U	0.0050 U	0.0055	1.3000	0.00500 U
9/12/17	0.0050 U	0.0050 U	0.0574	0.0050 U	--	0.0050 U	22.50	0.0050 U	0.0050 U	0.0095	1.2300	0.00500 U
3/27/18	0.0050 U	0.0050 U	0.0433	0.0050 U	--	0.0050 U	18.90	0.0050 U	0.0050 U	0.0050 U	0.7380	0.00500 U
9/11/18	0.0050 U	0.0050 U	0.1040	0.0050 U	--	0.0050 U	36.10	0.0050 U	0.0050 U	0.0050 U	0.4060	0.00500 U
4/17/19	0.0010 U	0.0010 U	0.2990	0.0010 U	--	0.0010 U	49.40	0.0029	0.0051	0.0033	0.6570	0.00100 U
8/2/19	0.0010 U	0.0010 U	0.3330	0.0010 U	--	0.0010 U	55.10	0.0031	0.0060	0.0018	0.4980	0.00100 U
3/3/20	0.0010 U	0.0010 U	0.2360	0.0010 U	--	0.0010 U	50.80	0.0020	0.0072	0.0014	1.0400	0.00100 U
8/5/20	0.0010 U	0.0010 U	0.2410	0.0010 U	--	0.0010 U	45.10	0.0023	0.0101	0.0031	0.9470	0.00100 U
3/24/21	0.0010 U	0.0010 U	0.2480	0.0010 U	--	0.0010 U	49.90	0.0015	0.0101	0.0031	0.7050	0.00100 U
8/31/21	0.0010 U	0.0010 U	0.2660	0.0010 U	--	0.0010 U	58.10	0.0017	0.0082	0.0025	1.1800	0.00100 U
4/5/22	0.0010 U	0.0010 U	0.1850	0.0010 U	--	0.0010 U	54.00	0.0011	0.0058	0.0039	0.9290	0.00100 U

Gude Landfill
Monitoring Location OB02 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002		
4/2/01	--	0.11600	0.000100 U	0.0020 U	--	0.00180 U	0.0052 U	--	0.0009 U	0.2000 U	0.00060 U
9/5/01	--	0.91240	0.000100 U	0.0100 U	--	0.00200 U	0.0044 U	--	0.0027	0.2000 U	0.00200 U
3/12/02	--	0.42590	0.000100 U	0.0100 U	--	0.00090 U	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U
9/16/02	--	0.43700	0.000100 U	0.0050	--	0.00120 U	0.0096 U	--	0.0010 U	0.0020	0.00030 U
6/2/03	--	0.12190	0.000200 U	0.0025	--	0.00120 U	0.0096 U	--	0.0010 U	0.0008 U	0.00030 U
10/8/03	--	1.42900	0.000200 U	0.0043	--	0.00070 U	0.0022 U	--	0.0004 U	0.0003 U	0.00200 U
3/23/04	--	0.55230	0.000200 U	0.0035	--	0.00070 U	0.0022 U	--	0.0004 U	0.0020 U	0.00200 U
9/20/04	--	1.25200	0.000100 U	0.0046	--	0.00100 U	0.0018 U	--	0.0006 U	0.0003 U	0.00200 U
4/5/05	--	0.23750	0.000100 U	0.0040	--	0.00100 U	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U
9/21/05	--	1.31880	0.000100 U	0.0074	--	0.00200 U	0.0018 U	--	0.0006 U	0.0050 U	0.00210
4/4/06	--	0.14660	0.000100 U	0.0022	--	0.00150 U	0.0004 U	--	0.0004 U	0.0050 U	0.00040 U
9/25/06	--	1.31400	0.000200 U	0.0047	--	0.00080 U	0.0005 U	--	0.0007 U	0.0050 U	0.00070 U
4/17/07	--	--	0.000200 U	0.0088	--	0.00080 U	0.0005 U	--	0.0007 U	0.0500 U	0.00070 U
10/4/07	--	--	0.000200 U	0.0062	--	0.00080 U	0.0005 U	--	0.0007 U	0.0020 U	0.00070 U
3/26/08	--	--	0.000200 U	0.0028	--	0.00090 U	0.0008 U	--	0.0006 U	0.0500 U	0.00060 U
9/23/08	--	--	0.000200 U	0.0040 U	--	0.00180 U	0.0016 U	--	0.0012 U	0.0011 U	0.00120 U
3/5/09	--	--	0.000200 U	0.0021	--	0.00090 U	0.0008 U	--	0.0006 U	0.0011 U	0.00060 U
9/22/09	32.200	1.21000	0.000200 U	0.0082	5.910	0.00200 U	0.0020 U	22.60	0.0020 U	--	0.00200 U
7/28/10	--	--	0.000200 U	0.0130	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.01500
9/14/10	17.700	1.24000	0.000200 U	0.0050 U	4.430	0.00500 U	0.0050 U	17.80	0.0050 U	--	0.00500 U
4/21/11	59.300	10.10000	0.000200 U	0.0168	13.700 J	0.00500 U	0.0050 U	111.00 J	0.0050 U	--	0.00500 U
9/6/11	12.100	0.87600	0.000200 U	--	3.990	0.00500 U	0.0050 U	11.00	0.0050 U	--	0.00500 U
3/7/12	11.970	0.91900	0.000200 U	0.0050 U	3.760	0.00500 U	0.0050 U	15.64	0.0050 U	--	0.00500 U

Gude Landfill
Monitoring Location OB02 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
9/10/12	59.000	0.05820	0.000200 U	0.0050 U	5.690	0.00500 U	0.0050 U	34.50	0.0050 U	--	0.00500 U
3/26/13	9.450	0.60000	0.000200 U	0.0050 U	3.330	0.00500 U	0.0050 U	14.80	0.0050 U	--	0.00500 U
9/17/13	9.940	0.62300	0.000200 U	0.0050 U	3.250	0.00500 U	0.0050 U	10.20	0.0050 U	--	0.00500 U
3/12/14	9.400	0.68600	0.000200 U	0.0056	3.480	0.00500 U	0.0050 U	10.00	0.0050 U	--	0.00500 U
9/8/14	10.600	0.69900	0.000200 U	0.0050 U	3.270	0.00500 U	0.0050 U	10.30	0.0050 U	--	0.00500 U
3/18/15	17.000	0.84000	0.000200 U	0.0110 U	4.100	0.03500 U	0.0100 U	13.00	0.0020 U	--	0.01000 U
8/31/15	20.000	1.30000	0.000200 U	0.0180	5.000	0.00500 U	0.0010 U	15.00	0.0010 U	--	0.00500 U
3/16/16	16.600	0.80000	0.000200 U	0.0020 U	3.410	0.00200 U	0.0020 U	15.60	0.0010 U	--	0.00200 U
8/29/16	20.100	1.27000	0.000200 U	0.0050 U	4.530	0.00500 U	0.0050 U	15.70	0.0050 U	--	0.00500 U
3/6/17	9.900	0.57300	0.000200 U	0.0050 U	3.330	0.00500 U	0.0050 U	10.40	0.0050 U	--	0.00500 U
9/12/17	8.710	0.59300	0.000200 U	0.0050 U	3.000	0.00500 U	0.0050 U	9.39	0.0050 U	--	0.00500 U
3/27/18	6.840	0.60800	0.000200 U	0.0050 U	2.820	0.00500 U	0.0050 U	8.50	0.0050 U	--	0.00500 U
9/11/18	16.100	0.87900	0.000200 U	0.0050 U	4.110	0.00500 U	0.0050 U	13.40	0.0050 U	--	0.00500 U
4/17/19	33.100	1.18000	0.000100 U	0.0137	6.300	0.00100 U	0.0010 U	25.90	0.0010 U	--	0.00100 U
8/2/19	36.300	1.48000	0.000100 U	0.0153	6.890	0.00100 U	0.0010 U	27.60	0.0010 U	--	0.00100 U
3/3/20	30.300	1.74000	0.000100 U	0.0086	6.340	0.00100 U	0.0010 U	22.90	0.0010 U	--	0.00100 U
8/5/20	27.200	1.56000	0.000100 U	0.0086	6.070	0.00100 U	0.0010 U	21.80	0.0010 U	--	0.00100 U
3/24/21	30.300	1.46000	0.000100 U	0.0075	5.940	0.00100 U	0.0010 U	23.10	0.0010 U	--	0.00100 U
8/31/21	33.900	1.52000	0.000100 U	0.0077	6.630	0.00100 U	0.0010 U	25.80	0.0010 U	--	0.00100 U
4/5/22	25.800	1.58000	0.000100 U	0.0047	5.850	0.00100 U	0.0010 U	20.90	0.0010 U	--	0.00100 U

Gude Landfill
Monitoring Location OB02 - Total Metals

Printed 5/25/22

	Zinc, total (mg/L)	
MCL/ GWPS		
4/2/01	0.01000	U
9/5/01	--	
3/12/02	--	
9/16/02	--	
6/2/03	--	
10/8/03	--	
3/23/04	--	
9/20/04	--	
4/5/05	--	
9/21/05	--	
4/4/06	--	
9/25/06	--	
4/17/07	0.01700	
10/4/07	0.01760	
3/26/08	0.01000	U
9/23/08	0.02000	U
3/5/09	0.01000	U
9/22/09	0.01000	U
7/28/10	0.04300	
9/14/10	0.00533	
4/21/11	0.00773	
9/6/11	0.00643	
3/7/12	0.00627	

Gude Landfill
Monitoring Location OB02 - Total Metals

Printed 5/25/22

Zinc, total (mg/L)

9/10/12	0.00860
3/26/13	0.00500 U
9/17/13	0.00616
3/12/14	0.01620
9/8/14	0.00818
3/18/15	0.01000 U
8/31/15	0.00500 U
3/16/16	0.00200 U
8/29/16	0.00587
3/6/17	0.00539
9/12/17	0.02660
3/27/18	0.03070
9/11/18	0.00500 U
4/17/19	0.02090
8/2/19	0.00400 U
3/3/20	0.00437
8/5/20	0.00456
3/24/21	0.00861 B
8/31/21	0.00608
4/5/22	0.00400 U

Gude Landfill

Printed 5/25/22

Monitoring Location OB02 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200		5		7				0.2	0.05	600	5	5		75
4/2/01	--	--	--	--	--	--	--	--	--	--	10.00 U	--	--	--	10.00 U
9/5/01	0.18 U	1.00 U	0.23 U	0.22 U	0.19 U	1.00 U	1.00 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
3/12/02	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/16/02	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
6/2/03	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
10/8/03	0.18 U	0.15 U	0.23 U	0.22 U	1.48	1.00 U	0.22 U	0.21 U	0.14 U	0.20 U	1.00 U	0.17 U	1.00 U	0.19 U	1.00 U
3/23/04	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	0.19 U	0.17 U	1.00 U	0.19 U	1.00 U
9/20/04	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/5/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	1.00 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/21/05	1.00 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	1.00 U	0.40 U	1.13	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/4/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/25/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/17/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
10/4/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	1.00 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
3/26/08	0.18 U	0.18 U	0.21 U	0.23 U	0.22 U	0.18 U	0.26 U	0.14 U	0.24 U	0.16 U	0.25 U	0.18 U	0.17 U	0.20 U	10.00 U
9/23/08	0.12 U	0.17 U	0.14 U	0.17 U	0.14 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	0.10 U	0.13 U	0.15 U	0.13 U	10.00 U
3/5/09	0.12 U	0.17 U	0.14 U	0.17 U	0.14 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	10.00 U	0.13 U	0.15 U	0.13 U	10.00 U
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.38 J
7/28/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/14/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill

Printed 5/25/22

Monitoring Location OB02 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
4/21/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/26/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/17/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/8/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/16/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/29/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/17/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/2/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB02 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
4/2/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/5/01	--	0.18 U	--	0.15 U	--	1.00 U	0.20 U	0.18 U	0.14 U	1.00 U	1.92	1.00 U	1.00 U	1.00 U	0.23 U
3/12/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	1.00 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
9/16/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
6/2/03	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
10/8/03	0.42	0.18 U	--	0.15 U	--	1.00 U	0.20 U	0.18 U	0.14 U	1.00 U	0.38 U	0.15 U	0.28 U	1.00 U	0.23 U
3/23/04	5.33	0.18 U	--	1.00 U	--	1.00 U	0.20 U	0.18 U	0.14 U	1.00 U	1.00 U	0.15 U	0.28 U	0.20 U	0.23 U
9/20/04	0.29 U	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/5/05	0.29 U	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/21/05	1.00 U	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	2.50 U	0.25 U	1.00 U	0.31 U	0.27 U
4/4/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/25/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/17/07	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
10/4/07	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
3/26/08	--	--	--	--	--	0.24 U	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	0.17 U	0.10 U	0.21 U
9/23/08	--	--	--	--	--	0.09 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.16 U	0.13 U	0.12 U
3/5/09	--	--	--	--	--	0.09 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.16 U	0.13 U	0.12 U
9/22/09	1.00 U	1.00 U	1.00 U	0.61 J	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	1.00 U	1.00 U	1.00 U
7/28/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/14/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Gude Landfill
Monitoring Location OB02 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
4/21/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/26/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/17/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/15	5.00 U	5.00 U	5.00 U	14.50	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/16/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/29/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/17/19	5.00 U	5.00 U	5.00 U	7.40 B	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/2/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/3/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB02 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS		70		80	700	10000				5	10000	100	5	1000	100
4/2/01	--	--	--	--	--	0.06	--	--	--	--	--	--	0.13	--	--
9/5/01	1.00 U	0.22 U	0.19 U	0.17 U	1.00 U	1.00 U	1.00 U	--	0.22 U	1.00 U	0.27 U	1.00 U	1.35	1.00 U	1.00 U
3/12/02	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
9/16/02	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	1.00 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
6/2/03	0.21 U	1.90	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.84	0.24 U	0.22 U
10/8/03	0.21 U	50.54	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	2.89	1.00 U	1.00 U
3/23/04	1.00 U	21.16	0.19 U	0.17 U	0.26 U	0.28 U	1.00 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	1.00 U
9/20/04	0.25 U	12.61	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
4/5/05	0.25 U	4.53	0.29 U	0.27 U	0.23 U	2.00 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
9/21/05	1.00 U	6.06	0.29 U	0.27 U	1.00 U	2.00 U	0.28 U	--	0.25 U	0.34 U	1.00 U	1.00 U	1.67	1.00 U	0.45 U
4/4/06	0.25 U	1.79	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
9/25/06	0.25 U	1.41	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/17/07	0.25 U	1.14	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
10/4/07	0.25 U	1.19	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
3/26/08	0.15 U	1.96	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.15 U	0.12 U	0.22 U	0.20 U	0.20 U	0.28 U	0.22 U
9/23/08	0.20 U	1.38	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.50 U	0.12 U	0.14 U
3/5/09	0.20 U	1.15	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.16 U	0.12 U	0.14 U
9/22/09	1.00 U	0.71 J	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.55 J	1.00 U	1.00 U
7/28/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/14/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB02 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
4/21/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
3/7/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/10/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/26/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/17/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/16/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/29/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/17/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/2/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill Monitoring Location OB02 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
4/2/01	--	--	--	--	--	--	--
9/5/01	0.13 U	1.00 U	1.00 U	1.12	--	--	--
3/12/02	0.13 U	0.14 U	0.19 U	0.18 U	--	--	--
9/16/02	0.13 U	0.14 U	0.19 U	0.18 U	--	--	--
6/2/03	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
10/8/03	0.13 U	1.00 U	8.04	0.18 U	--	1.87	--
3/23/04	0.13 U	0.14 U	4.92	0.18 U	--	0.19	--
9/20/04	0.24 U	0.30 U	2.99	0.36 U	--	1.00 U	--
4/5/05	0.24 U	1.00 U	1.36	0.36 U	--	0.32 U	--
9/21/05	0.24 U	0.30 U	2.04	0.36 U	--	0.32 U	--
4/4/06	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
9/25/06	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
4/17/07	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
10/4/07	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
3/26/08	0.08 U	--	0.50 U	0.07 U	--	0.22 U	--
9/23/08	0.13 U	--	0.50 U	0.10 U	--	0.18 U	--
3/5/09	0.13 U	--	0.13 U	0.10 U	--	0.18 U	--
9/22/09	1.00 U	1.00 U	0.32 U	1.00 U	--	1.00 U	--
7/28/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/14/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	--

Gude Landfill
Monitoring Location OB02 - Volatile Organic Compounds

Printed 5/25/22

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
4/21/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/26/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/17/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/12/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/8/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/18/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
8/31/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/16/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
8/29/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/6/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/12/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/27/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/17/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/2/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/24/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
4/5/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location OB03A - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/26/11	0.005 U	0.005 U	0.501	0.005 U	0.005 U	93.1	0.01 U	0.05	0.005 U	37.0	0.005 U	68.2	9.850	0.0002 U
9/19/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/12	0.005 U	0.005 U	0.512	0.005 U	0.005 U	76.5	0.01 U	0.06	0.006	29.8	0.005 U	53.5	13.200	0.0002 U
9/17/12	0.005 U	0.005 U	0.485	0.005 U	0.005 U	65.2	0.01 U	0.07	0.005 U	27.0	0.005 U	41.9	16.000	0.0002 U
3/28/13	0.005 U	0.005	0.450	0.005 U	0.005 U	69.0	0.01 U	0.05	0.011	28.7	0.005 U	49.1	10.400	0.0002 U
9/23/13	0.005 U	0.005 U	0.528	0.005 U	0.005 U	63.2	0.01 U	0.06	0.005	24.2	0.005 U	40.7	15.800	0.0002 U
3/12/14	0.005 U	0.005 U	0.356	0.005 U	0.005 U	66.3	0.01 U	0.05	0.005 U	21.9	0.005 U	47.5	8.450	0.0002 U
9/8/14	0.005 U	0.005 U	0.420	0.005 U	0.005 U	65.2	0.01 U	0.05	0.005 U	22.8	0.005 U	41.7	15.000	0.0002 U
3/18/15	0.002 U	0.002	0.250	0.002 U	0.004 U	77.0	0.01 U	0.04	0.001 J	12.0	0.002 U	45.0	6.600	0.0002 U
8/31/15	0.001 U	0.001	0.300	0.001 U	0.001 U	82.0	0.01 U	0.04	0.005 U	16.0	0.001 U	44.0	15.000	0.0002 U
3/23/16	0.002 U	0.004	0.211	0.002 U	0.002 U	69.5	0.00	0.03	0.002 U	19.3	0.002 U	49.4	6.800	0.0002 U
8/29/16	0.002 U	0.003	0.265	0.002 U	0.002 U	70.9	0.00 U	0.04	0.002 U	18.1	0.002 U	45.4	11.900	0.0002 U
3/6/17	0.002 U	0.005	0.380	0.002 U	0.002 U	71.1	0.01	0.05	0.011	26.0	0.002 U	43.8	16.900	0.0002 U
9/12/17	0.002 U	0.004	0.381	0.002 U	0.002 U	72.6	0.00	0.05	0.002 U	25.0	0.002 U	44.7	16.200	0.0002 U
3/27/18	0.002 U	0.007	0.218	0.002 U	0.002 U	75.5	0.01	0.03	0.002 U	24.8	0.002 U	51.6	8.170	0.0002 U
9/11/18	0.002 U	0.006	0.136	0.002 U	0.002 U	83.1	0.01	0.02	0.002 U	16.0	0.002 U	56.3	3.660	0.0002 U

Gude Landfill

Monitoring Location OB03A - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/26/11	0.02	17.5	0.005 U	0.01 U	126.0	0.005 U	0.01 U	0.007
9/19/11	0.02	--	--	--	--	--	--	--
3/8/12	0.02	12.2	0.005	0.01 U	92.7	0.005 U	0.01 U	0.009
9/17/12	0.02	9.3	0.006	0.01 U	53.4	0.005 U	0.01 U	0.012
3/28/13	0.01	16.6	0.005 U	0.01 U	93.4	0.005 U	0.01 U	0.006
9/23/13	0.02	8.2	0.005 U	0.01 U	52.6	0.005 U	0.01 U	0.012
3/12/14	0.02	13.8	0.005 U	0.01 U	88.6	0.005 U	0.01 U	0.007
9/8/14	0.01	9.9	0.005 U	0.01 U	67.8	0.005 U	0.01 U	0.013
3/18/15	0.02	15.0	0.035 U	0.01 U	96.0	0.001 J	0.01 U	0.006 J
8/31/15	0.01 U	12.0	0.005 U	0.00 U	69.0	0.001 U	0.01 U	0.009
3/23/16	0.01	12.4	0.003	0.00 U	89.0	0.001 U	0.00 U	0.003
8/29/16	0.01	10.5	0.003	0.00 U	66.4	0.001 U	0.00 U	0.006
3/6/17	0.02	8.4	0.004	0.00 U	54.5	0.001 U	0.00 U	0.009
9/12/17	0.01	7.0	0.002	0.00 U	50.1	0.001 U	0.00 U	0.007
3/27/18	0.01	13.6	0.004	0.00 U	86.9	0.001 U	0.00	0.005
9/11/18	0.01	16.0	0.003	0.00 U	96.4	0.001 U	0.00	0.003

Gude Landfill
Monitoring Location OB03A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
MCL/ GWPS					0.2			10		1				
4/27/01	--	--	--	93.6454	0.001	--	--	--	--	--	--	--	--	--
9/4/01	--	--	--	83.8251	0.003	--	--	--	--	--	--	--	--	--
3/12/02	--	--	--	72.7596	0.002	--	--	--	--	--	--	--	--	--
9/16/02	--	--	--	71.0865	0.005	--	--	--	--	--	--	--	--	--
6/2/03	--	--	--	290.5040	0.006	--	--	--	--	--	--	--	--	0.170
10/8/03	--	--	--	--	0.008	--	--	--	--	--	--	--	--	0.090
3/23/04	--	--	--	--	0.007	--	--	--	--	--	--	--	--	0.193
9/20/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.034
4/5/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.101
9/21/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.018
4/4/06	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.085
9/25/06	--	--	--	--	0.004	--	--	--	--	--	--	--	--	0.022
4/17/07	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.120
10/3/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	--
3/25/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/23/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/21/09	317.0	6.47	19.1	194.0000	--	--	700.0	0.2000 U	--	--	--	--	--	--
7/30/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/14/10	270.0	4.35	12.1	176.0000	--	--	360.0	0.2000 U	0.20 U	0.05 U	--	--	--	--

Gude Landfill
Monitoring Location OB03A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
4/26/11	340.0	7.91	35.0	239.0000	--	--	580.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/19/11	226.0	5.09	22.5	193.0000	--	--	375.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/8/12	266.0	6.15	31.1	245.0000	--	--	420.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/17/12	268.0	4.51	19.5	185.0000	--	--	350.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/28/13	338.0	6.67	52.1	229.0000	--	0.02	400.0	0.2000 U	0.20 U	0.05 U	166.0	6.29	--	--
9/23/13	260.0	4.18	17.5	177.0000	--	0.04	360.0	0.2000 U	0.20 U	0.05 U	209.0	5.34	--	--
3/12/14	278.0	6.76	19.0	217.0000	--	0.11	560.0	0.2000 U	--	--	170.0	6.03	--	--
9/8/14	257.0	4.96	21.1	213.0000	--	0.97	190.0	0.2000 U	0.20 U	0.05 U	142.0	6.16	--	--
3/18/15	292.0	4.64	18.4	180.0000	--	0.00	440.0	1.4900	1.54	0.05 U	206.0	7.10	--	--
8/31/15	286.0	3.65	24.4	182.0000	--	--	540.0	0.5590	0.61	0.05 U	116.0	6.18	--	--
3/23/16	299.0	5.97	23.4	200.0000	--	0.00	392.0	0.2000 U	0.20 U	0.05 U	115.0	6.29	--	--
8/29/16	293.0	3.95	18.0	186.0000	--	--	384.0	0.2000 U	0.20 U	0.05 U	147.0	6.19	--	--
3/6/17	33.0	0.31	17.7	539.0000	--	--	750.0	0.2000 U	0.20 U	0.05 U	189.0	5.93	--	--
9/12/17	270.0	2.70	12.1	178.0000	--	0.34	450.0	0.2000 U	0.20 U	0.05 U	186.0	5.98	--	--
3/27/18	339.0	5.62	27.9	193.0000	--	--	500.0	0.2000 U	0.20 U	0.05 U	-1.0	6.25	--	--
9/11/18	357.0	5.64	20.8	165.0000	--	--	434.0	0.2000 U	0.20 U	0.05 U	-29.0	6.30	--	--
4/16/19	357.0	3.47	31.0	166.0000	--	0.02	446.0	0.2000 U	--	--	-32.9	6.34	6.50	--
8/2/19	307.0	3.75	14.9	195.0000	--	0.09	387.0	0.2000 U	--	--	-27.8	5.80	6.38	--
3/11/20	435.0	2.41	16.8	109.0000	--	3.90	511.0	2.3100	--	--	0.5	6.78	6.60	--
8/5/20	260.0	2.30	29.1	171.0000	--	0.56	444.0	0.1200 J	--	--	17.4	6.31	6.19	--
3/22/21	637.0	1.01	15.7	68.1000	--	0.07	582.0	1.1300	--	--	28.9	6.81	6.87	--
8/31/21	342.0	2.60	36.2	226.0000	--	0.62	452.0	0.0110 U	--	--	24.3	6.08	6.07	--

Gude Landfill
Monitoring Location OB03A - General Parameters

Printed 5/25/22

Date	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
4/5/22	488.0	3.44	12.9	105.0000	--	1.14	547.0	0.0110 U	--	--	-56.4	6.46	6.58	--

Gude Landfill
Monitoring Location OB03A - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS										
4/27/01	--	--	--	--	--	--	--	--	98.000	--
9/4/01	--	--	--	--	--	--	--	--	245.000	--
3/12/02	--	--	--	--	--	--	--	--	66.000	--
9/16/02	--	--	--	--	--	--	--	--	9.300	--
6/2/03	--	--	--	--	--	--	0	--	463.000	--
10/8/03	--	--	--	--	--	--	0 U	--	--	--
3/23/04	--	--	--	--	--	--	0 U	--	--	--
9/20/04	--	--	--	--	--	--	0 U	--	--	--
4/5/05	--	--	--	--	--	--	0 U	--	--	--
9/21/05	--	--	--	--	--	--	0	--	--	--
4/4/06	--	--	--	--	--	--	0	--	--	--
9/25/06	--	--	--	--	--	--	0	--	--	--
4/17/07	--	--	--	--	--	--	0	--	--	--
10/3/07	--	--	--	--	--	--	0 U	--	--	--
3/25/08	--	--	--	--	--	--	0 U	--	--	--
9/23/08	--	--	--	--	--	--	0 U	--	--	--
9/21/09	--	--	33.50	--	--	780.0	--	--	39.400	--
7/30/10	--	--	--	3.0 U	--	--	--	--	--	--
9/14/10	--	--	26.90	--	--	704.0	--	--	13.300	--

Gude Landfill
Monitoring Location OB03A - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
4/26/11	--	--	58.40	--	--	980.0	--	--	13.600	--
9/19/11	--	--	31.50	--	--	888.0	--	--	--	--
3/8/12	--	--	41.80	--	--	952.0	--	--	--	--
9/17/12	--	--	21.20	--	--	632.0	--	--	--	--
3/28/13	1.5	--	36.00	--	15.8	796.0	--	--	--	1.80
9/23/13	998.1	--	29.70	--	17.4	578.0	--	--	--	3.80
3/12/14	1220.0	--	59.70	--	17.1	724.0	--	--	--	2.86
9/8/14	1117.0	--	34.30	--	18.0	560.0	--	--	--	6.20
3/18/15	1021.0	--	92.40	--	16.2	706.0	--	--	--	10.00
8/31/15	1112.0	--	29.70	--	23.7	590.0	--	--	--	62.70
3/23/16	1152.0	--	72.30	--	16.2	321.0	--	--	--	14.20
8/29/16	1184.0	--	45.20	--	30.2	650.0	--	--	--	98.50
3/6/17	1008.0	--	11.50	--	16.5	454.0	--	--	--	7.30
9/12/17	1124.0	--	23.70	--	17.6	621.0	--	--	--	5.00
3/27/18	1210.0	--	74.10	--	13.2	711.0	--	--	--	5.80
9/11/18	1327.0	--	117.00	--	17.9	785.0	--	--	--	65.10
4/16/19	1574.0	1240.0	121.00	--	16.5	794.0	--	8.8	31.500	8.10
8/2/19	1.2	1220.0	67.00	--	17.6	698.0	--	5.7	20.600	71.13
3/11/20	1255.0	1310.0	114.00	--	15.7	795.0	--	11.1	39.000	14.00
8/5/20	1189.0	1340.0	58.00	--	17.4	708.0	--	26.2	119.000	92.10
3/22/21	1554.0	1450.0	93.80	--	17.0	856.0	--	10.9	29.200	60.50
8/31/21	1286.0	1340.0	25.20	--	19.2	747.0	--	11.7	22.100	16.90

Gude Landfill
Monitoring Location OB03A - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
4/5/22	1139.0	1351.0	92.50	--	11.3	783.0	--	421.0	84.500	21.15

Gude Landfill
Monitoring Location OB03A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
4/27/01	0.0092	0.0020 U	0.6058	0.0005 U	--	0.0006 U	--	0.0170	0.0386	0.0100 U	--	0.00130 U
9/4/01	0.0027	0.0073	0.5934	0.0017 U	--	0.0046	--	0.0050	0.0790	0.0135	--	0.00590
3/12/02	0.0005 U	0.0035	0.4795	0.0017 U	--	0.0020 U	--	0.0012 U	0.0827	0.0099	--	0.00200 U
9/16/02	0.0007 U	0.0042	0.4366	0.0004 U	--	0.0020 U	--	0.0020 U	0.0673	0.0090	--	0.00200 U
6/2/03	0.0007 U	0.0046	0.6983	0.0004 U	--	0.0004 U	--	0.0020 U	0.0834	0.0186	--	0.00200 U
10/8/03	0.0009 U	0.0047	0.8541	0.0016 U	--	0.0007 U	--	0.0020 U	0.0665	0.0142	--	0.00200 U
3/23/04	0.0009 U	0.0040	0.6897	0.0016 U	--	0.0007 U	--	0.0020 U	0.0744	0.0100 U	--	0.00200 U
9/20/04	0.0028 U	0.0027	0.6416	0.0012 U	--	0.0020 U	--	0.0020 U	0.0612	0.0100 U	--	0.00200 U
4/5/05	0.0028 U	0.0036	0.4988	0.0012 U	--	0.0020 U	--	0.0020 U	0.0820	0.0100 U	--	0.00200 U
9/21/05	0.0028 U	0.0034	0.5700	0.0012 U	--	0.0031	--	0.0020 U	0.0654	0.0141	--	0.00200 U
4/4/06	0.0006 U	0.0021	0.4668	0.0007 U	--	0.0022	--	0.0020 U	0.0584	0.0089	--	0.00260
9/25/06	0.0007 U	0.0033	0.6407	0.0009 U	--	0.0006 U	--	0.0007 U	0.0658	0.0054	--	0.00070 U
4/17/07	0.0007 U	0.0046	0.9942	0.0009 U	0.428	--	--	0.0007 U	0.0840	0.0101	--	0.00070 U
10/3/07	0.0020 U	0.0080	0.6580	0.0020 U	0.043	--	--	0.0020 U	0.0608	0.0079	--	0.00200 U
3/25/08	0.0005 U	0.0032	0.5139	0.0010 U	0.033	--	--	0.0020 U	0.0609	0.0056	--	0.00100 U
9/23/08	0.0010 U	0.0106	0.5699	0.0020 U	0.074	--	--	0.0016 U	0.0617	0.0083	--	0.00400 U
3/9/09	0.0010 U	0.0100 U	0.5930	0.0012 U	0.111	--	--	0.0100 U	0.0630	0.0100 U	--	0.00070 U
9/21/09	0.0020 U	0.0036	0.5680	0.0020 U	--	0.0020 U	69.40	0.0020 U	0.0698	0.0064	39.4000	0.00200 U
7/30/10	0.0010 U	0.0048	0.5600	0.0010 U	--	0.0010 U	--	0.0010 U	0.0690	0.0010 U	--	0.00100 U
9/14/10	0.0050 U	0.0050 U	0.5810	0.0050 U	--	0.0050 U	66.00	0.0050 U	0.0684	0.0080	31.0000	0.00500 U
4/26/11	0.0050 U	0.0050 U	0.0796	0.0050 U	--	0.0050 U	24.80 J	0.0050 U	0.0050 U	0.0108	2.7100	0.00500 U
9/19/11	0.0050 U	0.0050 U	0.5290	0.0050 U	--	0.0050 U	68.50	0.0050 U	0.0563	0.0050 U	29.7100	0.00500 U
3/8/12	0.0050 U	0.0050 U	0.5100	0.0050 U	--	0.0050 U	76.00	0.0050 U	0.0570	0.0096	29.8500	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB03A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
9/17/12	0.0050 U	0.0050 U	0.4950	0.0050 U	--	0.0050 U	62.30	0.0050 U	0.0672	0.0050 U	26.5000	0.00500 U
3/28/13	0.0050 U	0.0050 U	0.4350	0.0050 U	--	0.0050 U	70.90	0.0050 U	0.0441	0.0110	29.6000	0.00500 U
9/23/13	0.0050 U	0.0050 U	0.5430	0.0050 U	--	0.0050 U	67.20	0.0050 U	0.0561	0.0050 U	25.6000	0.00500 U
3/12/14	0.0050 U	0.0050 U	0.3760	0.0050 U	--	0.0050 U	62.80	0.0050 U	0.0470	0.0050 U	20.7000	0.00500 U
9/8/14	0.0050 U	0.0050 U	0.4190	0.0050 U	--	0.0050 U	58.60	0.0050 U	0.0496	0.0050 U	20.6000	0.00500 U
3/18/15	0.0020 U	0.0035	0.2500	0.0020 U	--	0.0040 U	78.00	0.0100 U	0.0340	0.0013 J	13.0000	0.00200 U
8/31/15	0.0010 U	0.0026	0.3200	0.0011	--	0.0005 U	80.00	0.0050 U	0.0440	0.0050 U	23.0000	0.00100 U
3/23/16	0.0050 U	0.0050 U	0.2350	0.0050 U	--	0.0050 U	76.50	0.0050 U	0.0331	0.0050 U	21.4000	0.00500 U
8/29/16	0.0020 U	0.0065	0.3060	0.0020 U	--	0.0020 U	70.10	0.0020 U	0.0402	0.0027	35.6000	0.00200 U
3/6/17	0.0050 U	0.0055	0.3840	0.0050 U	--	0.0050 U	72.90	0.0050 U	0.0561	0.0125	28.0000	0.00500 U
9/12/17	0.0020 U	0.0041	0.3850	0.0020 U	--	0.0020 U	73.30	0.0049	0.0498	0.0020 U	25.7000	0.00200 U
3/27/18	0.0050 U	0.0055	0.2200	0.0050 U	--	0.0050 U	82.00	0.0050 U	0.0295	0.0050 U	23.3000	0.00500 U
9/11/18	0.0050 U	0.0058	0.1640	0.0050 U	--	0.0050 U	82.10	0.0050 U	0.0261	0.0050 U	20.8000	0.00500 U
4/16/19	0.0010 U	0.0033	0.1810	0.0010 U	--	0.0010 U	81.20	0.0010 U	0.0269	0.0010 U	18.1000	0.00100 U
8/2/19	0.0010 U	0.0034	0.2740	0.0010 U	--	0.0010 U	70.40	0.0013	0.0392	0.0010 U	22.1000	0.00100 U
3/11/20	0.0010 U	0.0023	0.1450	0.0010 U	--	0.0010 U	98.70	0.0012	0.0202	0.0012	10.5000	0.00100 U
8/5/20	0.0010 U	0.0041	0.2630	0.0010 U	--	0.0010 U	86.20	0.0032	0.0331	0.0012	19.7000	0.00100 U
3/22/21	0.0010 U	0.0013	0.0884	0.0010 U	--	0.0010 U	114.00	0.0010 U	0.0058	0.0010 B	3.0000	0.00100 U
8/31/21	0.0010 U	0.0028	0.3450	0.0010 U	--	0.0010 U	85.50	0.0024	0.0454	0.0035	22.7000	0.00100 U
4/5/22	0.0010 U	0.0054	0.1490	0.0010 U	--	0.0010 U	109.00	0.0016	0.0183	0.0013	16.4000	0.00100 U

Gude Landfill
Monitoring Location OB03A - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002		
4/27/01	--	12.15000	0.000100 U	0.0106	--	0.00180 U	0.0052 U	--	0.0020 U	0.2000 U	0.00060 U
9/4/01	--	15.84000	0.000100 U	0.0281	--	0.00200 U	0.0044 U	--	0.0021	0.2000 U	0.00390
3/12/02	--	16.80000	0.000100 U	0.0283	--	0.00090 U	0.0044 U	--	0.0043	0.2000 U	0.00070 U
9/16/02	--	18.79000	0.000100 U	0.0190	--	0.00200	0.0096 U	--	0.0019	0.0020 U	0.00200 U
6/2/03	--	3.10700	0.000200 U	0.0173	--	0.00400	0.0096 U	--	0.0010 U	0.0008 U	0.00200 U
10/8/03	--	5.82400	0.000200 U	0.0198	--	0.00210	0.0022 U	--	0.0010 U	0.0003 U	0.00510
3/23/04	--	2.81200	0.000200 U	0.0167	--	0.00200 U	0.0022 U	--	0.0004 U	0.0020 U	0.00330
9/20/04	--	17.89000	0.000100 U	0.0163	--	0.00200 U	0.0018 U	--	0.0013	0.0003 U	0.00200 U
4/5/05	--	2.92750	0.000100 U	0.0121	--	0.00290	0.0018 U	--	0.0010 U	0.0050 U	0.00210
9/21/05	--	17.88000	0.000100 U	0.0178	--	0.00200 U	0.0018 U	--	0.0012	0.0050 U	0.00220
4/4/06	--	14.27090	0.000100 U	0.0132	--	0.00150 U	0.0004 U	--	0.0004 U	0.0050 U	0.00200 U
9/25/06	--	15.08000	0.000200 U	0.0164	--	0.00080 U	0.0005 U	--	0.0020 U	0.0050 U	0.00070 U
4/17/07	--	--	0.000200 U	0.0219	--	0.00300	0.0005 U	--	0.0007 U	0.0500 U	0.00070 U
10/3/07	--	--	0.000200 U	0.0166	--	0.00200 U	0.0005 U	--	0.0020 U	0.0020 U	0.01130
3/25/08	--	--	0.000200 U	0.0164	--	0.00200 U	0.0008 U	--	0.0010	0.0500 U	0.00210
9/23/08	--	--	0.000200 U	0.0166	--	0.00180 U	0.0016 U	--	0.0012 U	0.0020 U	0.00400 U
3/9/09	--	--	0.000200 U	0.0160	--	0.01000 U	0.0043 U	--	0.0050 U	0.0011 U	0.00080 U
9/21/09	44.400	13.30000	0.000200 U	0.0200	12.400	0.00240	0.0020 U	70.30	0.0020 U	--	0.00040 J
7/30/10	--	--	0.000200 U	0.0200	--	0.00100 U	0.0010 U	--	0.0011	0.0050 U	0.00500 U
9/14/10	41.600	16.40000	0.000200 U	0.0194	9.180	0.00500 U	0.0050 U	58.50	0.0050 U	--	0.00500 U
4/26/11	15.800	0.98200	0.000200 U	0.0050 U	4.680	0.00500 U	0.0050 U	14.40	0.0050 U	--	0.00500 U
9/19/11	48.700	14.20000	0.000200 U	--	9.640	0.00500 U	0.0050 U	70.50	0.0050 U	--	0.00500 U
3/8/12	52.700	13.70000	0.000200 U	0.0177	13.100	0.00586	0.0050 U	91.00	0.0050 U	--	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB03A - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
9/17/12	39.300	15.40000	0.000200 U	0.0216	9.640	0.00500 U	0.0050 U	52.20	0.0050 U	--	0.00500 U
3/28/13	51.400	11.20000	0.000200 U	0.0145	16.600	0.00500 U	0.0050 U	97.80	0.0050 U	--	0.00500 U
9/23/13	43.000	16.00000	0.000200 U	0.0189	8.170	0.00500 U	0.0050 U	55.70	0.0050 U	--	0.00500 U
3/12/14	44.400	8.71000	0.000200 U	0.0162	15.000	0.00500 U	0.0050 U	83.70	0.0050 U	--	0.00500 U
9/8/14	37.600	15.00000	0.000200 U	0.0150	10.000	0.00500 U	0.0050 U	60.10	0.0050 U	--	0.00500 U
3/18/15	46.000	6.60000	0.000200 U	0.0110 U	15.000	0.03500 U	0.0100 U	96.00	0.0019 J	--	0.01000 U
8/31/15	44.000	14.00000	0.000200 U	0.0100 U	11.000	0.00500 U	0.0010 U	61.00	0.0010 U	--	0.00500 U
3/23/16	58.400	6.37000	0.000200 U	0.0107	12.100	0.00500 U	0.0050 U	109.00	0.0050 U	--	0.00500 U
8/29/16	43.600	12.30000	0.000200 U	0.0110	10.700	0.00241	0.0020 U	63.10	0.0010 U	--	0.00200 U
3/6/17	44.100	16.60000	0.000200 U	0.0175	8.340	0.00500 U	0.0050 U	53.40	0.0050 U	--	0.00500 U
9/12/17	44.700	16.90000	0.000200 U	0.0129	7.070	0.00241	0.0020 U	49.30	0.0010 U	--	0.00200 U
3/27/18	54.300	7.52000	0.000200 U	0.0117	12.800	0.00500 U	0.0050 U	92.10	0.0050 U	--	0.00500 U
9/11/18	55.600	4.44000	0.000200 U	0.0096	15.900	0.00500 U	0.0050 U	95.30	0.0050 U	--	0.00500 U
4/16/19	59.100	8.65000	0.000100 U	0.0091	13.500	0.00100 U	0.0027	76.80 B	0.0010 U	--	0.00100 U
8/2/19	51.200	14.10000	0.000100 U	0.0118	10.300	0.00100 U	0.0010 U	73.30	0.0010 U	--	0.00100 U
3/11/20	64.200	6.08000	0.000100 U	0.0066	16.900	0.00100 U	0.0010 U	71.00	0.0010 U	--	0.00100 U
8/5/20	55.600	13.80000	0.000100 U	0.0101	12.400	0.00100 U	0.0010 U	64.10	0.0010 U	--	0.00146
3/22/21	72.000	0.84000	0.000100 U	0.0031	18.500	0.00100 U	0.0010 U	53.80	0.0010 U	--	0.00100 U
8/31/21	58.000	21.00000	0.000100 U	0.0129	8.870	0.00100 U	0.0010 U	61.40	0.0010 U	--	0.00100 U
4/5/22	67.500	3.68000	0.000100 U	0.0070	14.200	0.00100 U	0.0010 U	78.80	0.0010 U	--	0.00100 U

Gude Landfill
Monitoring Location OB03A - Total Metals

Printed 5/25/22

	Zinc, total (mg/L)
MCL/ GWPS	
4/27/01	--
9/4/01	--
3/12/02	--
9/16/02	--
6/2/03	--
10/8/03	--
3/23/04	--
9/20/04	--
4/5/05	--
9/21/05	--
4/4/06	--
9/25/06	--
4/17/07	0.00640
10/3/07	0.01700
3/25/08	0.01340
9/23/08	0.02720
3/9/09	0.01820
9/21/09	0.01100
7/30/10	0.02300
9/14/10	0.01310
4/26/11	0.01470
9/19/11	0.00890
3/8/12	0.01420

**Gude Landfill
Monitoring Location OB03A - Total Metals**

Printed 5/25/22

Zinc, total (mg/L)

9/17/12	0.00986	
3/28/13	0.00638	
9/23/13	0.01170	
3/12/14	0.00736	
9/8/14	0.01290	
3/18/15	0.00530	J
8/31/15	0.01200	
3/23/16	0.00636	
8/29/16	0.00638	
3/6/17	0.01140	
9/12/17	0.00715	
3/27/18	0.02730	
9/11/18	0.00500	U
4/16/19	0.00400	U
8/2/19	0.00500	B
3/11/20	0.00400	U
8/5/20	0.00441	
3/22/21	0.00400	U
8/31/21	0.01190	
4/5/22	0.00400	U

Gude Landfill

Printed 5/25/22

Monitoring Location OB03A - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5	
4/27/01	0.18 U	0.15 U	0.23 U	0.22 U	37.69	1.00 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	2.11	7.53	0.19 U
9/4/01	0.18 U	0.15 U	0.23 U	4.20	53.49	1.00 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	2.93	10.02	0.19 U
3/12/02	0.18 U	0.15 U	0.23 U	4.38	74.57	1.22	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	4.55	16.50	0.19 U
9/16/02	0.18 U	0.15 U	0.23 U	0.22 U	93.16	1.11	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	4.87	15.18	0.19 U
6/2/03	0.18 U	0.15 U	0.23 U	0.22 U	1.67	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	1.00 U	1.00 U	0.19 U
10/8/03	0.18 U	0.15 U	0.23 U	0.22 U	4.44	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	0.19 U	1.00 U	1.27	0.19 U
3/23/04	0.18 U	0.15 U	0.23 U	0.22 U	2.25	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	1.00 U	1.00 U	0.19 U
9/20/04	0.13 U	0.24 U	0.44 U	0.25 U	38.51	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	2.00	2.77	12.68	0.33 U
4/5/05	0.13 U	0.24 U	0.44 U	0.25 U	2.73	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	42.13	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	3.30	12.09	0.33 U
4/4/06	0.13 U	0.24 U	0.44 U	0.25 U	18.85	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.82	7.02	0.33 U
9/25/06	0.13 U	0.24 U	0.44 U	0.25 U	23.61	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	3.59	12.72	0.33 U
4/17/07	0.13 U	0.24 U	0.44 U	0.25 U	15.56	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.33	4.05	0.33 U
10/3/07	0.13 U	0.24 U	0.44 U	0.25 U	44.14	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	5.52	14.78	0.33 U
3/25/08	0.18 U	0.18 U	0.21 U	0.23 U	50.90	0.61	0.26 U	0.14 U	0.24 U	0.16 U	2.00	5.07	14.83	0.20 U
9/23/08	0.12 U	0.17 U	0.14 U	0.17 U	41.01	0.50 U	0.13 U	0.17 U	0.20 U	0.08 U	1.65	4.40	13.07	0.13 U
3/9/09	0.12 U	0.17 U	0.14 U	0.17 U	46.99	0.66	0.13 U	0.17 U	0.20 U	0.08 U	10.00 U	4.10	13.54	0.13 U
9/21/09	1.00 U	1.00 U	1.00 U	1.00 U	25.30	0.53 J	1.00 U	1.00 U	1.00 U	1.00 U	1.29	1.00 U	9.10	1.00 U
7/30/10	1.00 U	1.00 U	1.00 U	1.00 U	38.00	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00	3.00	10.00	1.00 U
9/14/10	2.00 U	2.00 U	2.00 U	2.00 U	32.40	0.57 J	2.00 U	2.00 U	2.00 U	2.00 U	0.81 J	3.30	10.80	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill

Monitoring Location OB03A - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)
4/26/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/19/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	3.70	8.10	--
3/8/12	1.00 U	1.00 U	1.00 U	1.00 U	11.00	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.90	--
9/17/12	1.00 U	1.00 U	1.00 U	1.00 U	30.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.50	1.00 U
3/28/13	1.00 U	1.00 U	1.00 U	1.00 U	12.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.47	3.67	1.00 U
9/23/13	1.00 U	1.00 U	1.00 U	1.00 U	32.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.76	12.80	1.00 U
3/12/14	1.00 U	1.00 U	1.00 U	1.00 U	7.46	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.25	1.00 U
9/8/14	1.00 U	1.00 U	1.00 U	1.00 U	21.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.66	6.24	1.00 U
3/18/15	1.00 U	1.00 U	1.00 U	1.00 U	3.77	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/15	1.00 U	1.00 U	1.00 U	1.00 U	19.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.37	5.64	1.00 U
3/23/16	1.00 U	1.00 U	1.00 U	1.00 U	7.19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00	1.00 U
8/29/16	1.00 U	1.00 U	1.00 U	1.00 U	17.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.10	4.64	1.00 U
3/6/17	1.00 U	1.00 U	1.00 U	1.00 U	26.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.87	3.42	7.79	1.00 U
9/12/17	1.00 U	1.00 U	1.00 U	1.00 U	22.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.66	3.04	6.66	1.00 U
3/27/18	1.00 U	1.00 U	1.00 U	1.00 U	6.99	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.15	1.96	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.46	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/16/19	1.00 U	1.00 U	1.00 U	1.00 U	4.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U
8/2/19	1.00 U	1.00 U	1.00 U	1.00 U	12.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.80	3.20	1.00 U
3/11/20	1.00 U	1.00 U	1.00 U	1.00 U	2.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	11.70	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.60	2.80	1.00 U
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	13.40	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.10	1.70	3.30	1.00 U
4/5/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB03A - Volatile Organic Compounds

Printed 5/25/22

	1,4-Dichlorobenzene (ug/L)	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)
MCL/ GWPS	75						5		80	80			5	100
4/27/01	10.00 U	--	0.18 U	--	0.15 U	--	5.26	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	1.32
9/4/01	10.00 U	--	0.18 U	--	1.00 U	--	9.53	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	2.03
3/12/02	10.00 U	--	0.18 U	--	0.15 U	--	11.29	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	1.29
9/16/02	10.00 U	--	0.18 U	--	0.15 U	--	8.07	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	1.00 U
6/2/03	10.00 U	--	0.18 U	--	0.15 U	--	5.51	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	10.50
10/8/03	11.00	0.61	0.18 U	--	0.15 U	--	5.30	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	18.41
3/23/04	10.00 U	4.20	0.18 U	--	0.15 U	--	6.76	0.20 U	0.18 U	0.14 U	1.00 U	1.00 U	0.15 U	10.75
9/20/04	14.11	0.29 U	0.19 U	--	0.39 U	--	6.31	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	4.71
4/5/05	10.00 U	1.00 U	1.00 U	--	0.39 U	--	4.44	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	19.21
9/21/05	10.00 U	1.00 U	0.19 U	--	0.39 U	--	4.66	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	3.60
4/4/06	10.00 U	1.00 U	0.19 U	--	0.39 U	--	2.73	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	10.33
9/25/06	10.00 U	0.29 U	0.19 U	--	0.39 U	--	5.18	0.34 U	0.31 U	0.27 U	1.00 U	0.75 U	0.25 U	5.24
4/17/07	11.36	0.29 U	0.19 U	--	0.39 U	--	3.80	0.34 U	0.31 U	0.27 U	1.00 U	0.75 U	0.25 U	13.90
10/3/07	10.73	1.00 U	0.19 U	--	0.39 U	--	6.23	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	2.80
3/25/08	10.00 U	--	--	--	--	--	4.47	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	1.98
9/23/08	10.00 U	--	--	--	--	--	5.44	0.14 U	0.11 U	0.16 U	0.50 U	--	0.14 U	2.87
3/9/09	10.00 U	--	--	--	--	--	4.08	0.14 U	0.11 U	0.16 U	0.50 U	--	0.14 U	3.73
9/21/09	12.60	1.00 U	1.00 U	1.00 U	0.46 J	1.00 U	4.19	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	5.52
7/30/10	12.00	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	5.00	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	4.00
9/14/10	9.28	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	4.06	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.78

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB03A - Volatile Organic Compounds

Printed 5/25/22

	1,4-Dichlorobenzene (ug/L)	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)
4/26/11	1.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U
9/19/11	1.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.30
3/8/12	6.30	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.40
9/17/12	14.10	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U
3/28/13	5.64	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.51	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.46
9/23/13	16.00	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.53	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.78
3/12/14	3.82	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.83
9/8/14	9.01	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.33	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.10
3/18/15	2.09	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U
8/31/15	8.08	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.32	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.62
3/23/16	4.08	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.41
8/29/16	5.43	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.44	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U
3/6/17	18.10	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.63	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.16
9/12/17	16.90	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.11	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.02
3/27/18	4.97	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U
9/11/18	1.44	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U
4/16/19	2.90	5.00 U	5.00 U	5.00 U	7.80	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.50
8/2/19	8.20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.20
3/11/20	1.80	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20
8/5/20	9.50	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.10
3/22/21	1.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	14.30	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.40
4/5/22	1.50	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.50

Gude Landfill
Monitoring Location OB03A - Volatile Organic Compounds

Printed 5/25/22

	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)
MCL/ GWPS		80		70		80	700	10000				5	10000	100
4/27/01	1.93	0.23 U	0.21 U	56.08	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U
9/4/01	3.07	0.23 U	0.21 U	70.88	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	7.30	0.27 U	0.21 U
3/12/02	2.92	0.23 U	0.21 U	137.87	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	1.00 U	1.00 U	0.21 U
9/16/02	2.45	0.23 U	1.00 U	130.79	0.19 U	0.17 U	0.26 U	0.28 U	1.00 U	--	0.22 U	1.00 U	0.27 U	0.21 U
6/2/03	1.00 U	0.23 U	0.21 U	2.57	0.19 U	0.17 U	0.26 U	1.40	0.17 U	--	0.22 U	0.21 U	1.00 U	0.21 U
10/8/03	1.62	0.23 U	0.21 U	2.63	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U
3/23/04	1.01	0.23 U	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	1.00 U	--	0.22 U	0.21 U	0.27 U	0.21 U
9/20/04	1.26	0.27 U	0.25 U	79.29	0.29 U	0.27 U	0.23 U	2.00 U	0.28 U	--	0.25 U	0.34 U	1.00 U	0.25 U
4/5/05	1.02	0.27 U	0.25 U	3.01	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U
9/21/05	1.41	0.27 U	0.25 U	102.56	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	1.00 U	0.25 U
4/4/06	1.00 U	0.27 U	0.25 U	41.96	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U
9/25/06	1.53	0.27 U	0.25 U	117.86	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	1.00 U	0.25 U
4/17/07	1.42	0.27 U	0.25 U	29.76	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U
10/3/07	1.63	0.27 U	1.00 U	150.17	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	1.00 U	0.25 U
3/25/08	1.43	0.21 U	0.50 U	168.82	0.13 U	0.15 U	0.26 U	0.53	--	1.73 U	0.15 U	0.12 U	0.50 U	0.20 U
9/23/08	1.38	0.12 U	0.20 U	141.19	0.12 U	0.13 U	0.12 U	0.23 U	--	5.00 U	0.20 U	0.50 U	0.50 U	0.11 U
3/9/09	1.69	0.12 U	0.50 U	137.52	0.12 U	0.13 U	0.12 U	0.23 U	--	5.00 U	0.20 U	0.17 U	0.50 U	0.11 U
9/21/09	1.21	1.00 U	1.00 U	84.90	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.39	1.00 U	1.00 U	1.00 U	1.00 U
7/30/10	1.00 U	1.00 U	1.00 U	110.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/14/10	1.31 J	2.00 U	1.54 J	98.10	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB03A - Volatile Organic Compounds

Printed 5/25/22

	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)
4/26/11	1.00 U	1.00 U	4.10	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U
9/19/11	1.00 U	1.00 U	1.50	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U
3/8/12	1.00 U	1.00 U	1.00 U	33.00	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/17/12	1.00 U	1.00 U	1.00 U	94.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/13	1.00 U	1.00 U	1.00 U	34.10	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/13	1.43	1.00 U	1.00 U	94.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/14	1.00 U	1.00 U	1.00 U	22.90	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/14	1.00 U	1.00 U	1.00 U	56.20	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/15	1.00 U	1.00 U	1.00 U	11.20	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/15	1.00 U	1.00 U	1.00 U	53.20	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	1.00 U	1.00 U	1.00 U	21.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/29/16	1.00 U	1.00 U	1.00 U	49.90	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/17	1.64	1.00 U	1.00 U	86.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/17	1.38	1.00 U	1.00 U	69.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/18	1.00 U	1.00 U	1.00 U	22.30	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	4.23	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/16/19	1.00 U	1.00 U	1.00 U	15.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/2/19	1.00 U	1.00 U	1.00 U	36.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/11/20	1.00 U	1.00 U	1.00 U	6.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	1.00 U	1.00 U	1.00 U	35.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	1.70	1.00 U	1.00 U	38.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U	1.00 U	1.00 U
4/5/22	1.00 U	1.00 U	1.00 U	2.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill Monitoring Location OB03A - Volatile Organic Compounds

	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS	5	1000	100			5			2	10000
4/27/01	1.00 U	1.00 U	4.50	0.13 U	1.00 U	87.28	0.18 U	--	--	--
9/4/01	71.56	0.24 U	5.32	0.13 U	0.14 U	78.18	4.57	--	--	--
3/12/02	102.10	1.00 U	8.78	0.13 U	0.14 U	113.50	8.19	--	--	--
9/16/02	74.03	1.00 U	8.22	0.13 U	0.14 U	111.71	7.16	--	--	--
6/2/03	1.65	1.62	1.00 U	0.13 U	0.14 U	1.26	0.18 U	--	--	--
10/8/03	0.17 U	1.00 U	1.99	0.13 U	0.14 U	1.75	1.00 U	--	2.20	--
3/23/04	1.00 U	1.00 U	1.39	0.13 U	0.14 U	1.00 U	0.18 U	--	1.78	--
9/20/04	41.02	1.00 U	5.71	0.24 U	0.30 U	84.92	3.01	--	18.60	--
4/5/05	0.36 U	0.32 U	1.22	0.24 U	0.30 U	4.89	0.36 U	--	1.47	--
9/21/05	30.99	1.00 U	6.22	0.24 U	0.30 U	85.13	0.36 U	--	19.56	--
4/4/06	0.36 U	1.00 U	3.10	0.24 U	0.30 U	51.33	0.36 U	--	4.62	--
9/25/06	29.40	1.00 U	9.08	0.24 U	0.30 U	95.18	3.77	--	26.98	--
4/17/07	0.36 U	0.32 U	3.72	0.24 U	0.30 U	20.26	0.36 U	--	5.96	--
10/3/07	33.23	1.00 U	10.82	0.24 U	0.30 U	97.78	0.36 U	--	30.58	--
3/25/08	1.66	1.05	9.93	0.08 U	--	141.41	0.07 U	--	23.11	--
9/23/08	26.21	0.50 U	11.68	0.13 U	--	101.30	0.10 U	--	22.43	--
3/9/09	3.67	0.50 U	9.08	0.13 U	--	113.09	0.10 U	--	27.36	--
9/21/09	7.11	1.00 U	6.06	1.00 U	1.00 U	66.70	3.08	--	22.90	--
7/30/10	15.00	1.00 U	6.00	1.00 U	5.00 U	70.00	1.00 U	1.00 U	18.00	--
9/14/10	17.80	2.00 U	5.93	2.00 U	2.00 U	19.30	2.47	2.00 U	23.50	--

Gude Landfill
Monitoring Location OB03A - Volatile Organic Compounds

Printed 5/25/22

	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
4/26/11	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/19/11	1.00 U	1.00 U	9.00	1.00 U	5.00 U	56.00	6.50	1.00 U	31.00	1.00 U
3/8/12	1.00 U	1.00 U	2.30	1.00 U	5.00 U	18.00	1.00 U	1.00 U	1.00 U	1.00 U
9/17/12	1.00 U	1.00 U	6.13	1.00 U	5.00 U	64.80	1.00 U	5.00 U	15.80	--
3/28/13	1.00 U	1.00 U	2.69	1.00 U	5.00 U	18.00	1.00 U	5.00 U	7.33	--
9/23/13	1.00 U	1.00 U	5.83	1.00 U	5.00 U	64.00	1.00 U	5.00 U	12.50	--
3/12/14	1.00 U	1.00 U	1.46	1.00 U	5.00 U	4.70	1.00 U	5.00 U	4.26	--
9/8/14	1.18	1.00 U	4.06	1.00 U	5.00 U	27.20	1.00 U	5.00 U	11.70	--
3/18/15	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.87	1.00 U	5.00 U	2.07	--
8/31/15	1.00 U	1.00 U	3.83	1.00 U	5.00 U	20.70	1.00 U	5.00 U	8.16	--
3/23/16	1.00 U	1.00 U	1.46	1.00 U	5.00 U	3.36	1.00 U	5.00 U	3.62	--
8/29/16	1.00 U	1.00 U	3.01	1.00 U	5.00 U	7.06	1.33	5.00 U	7.12	--
3/6/17	1.00 U	1.00 U	5.89	1.00 U	5.00 U	5.01	1.93	5.00 U	11.20	--
9/12/17	1.00 U	1.00 U	4.97	1.00 U	5.00 U	3.58	1.00 U	5.00 U	8.50	--
3/27/18	1.00 U	1.00 U	1.50	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	3.15	--
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.09	--
4/16/19	1.00 U	1.00 U	1.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.10	--
8/2/19	1.00 U	1.00 U	2.90	1.00 U	1.00 U	2.60	1.00 U	1.00 U	6.90	--
3/11/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	--
8/5/20	1.00 U	1.00 U	2.80	1.00 U	1.00 U	1.50	1.00 U	1.00 U	6.40	--
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/31/21	1.00 U	1.00 U	3.00	1.00 U	1.00 U	1.80	1.00 U	1.00 U	6.80	--
4/5/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB03 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/25/11	0.005 U	0.005 U	0.710	0.005 U	0.005 U	74.8	0.01 U	0.06	0.005 U	28.8	0.005 U	45.4	18.100	0.0002 U
9/19/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/12	0.005 U	0.005 U	0.681	0.005 U	0.005 U	72.7	0.01 U	0.06	0.005	22.8	0.005 U	41.9	20.200	0.0002 U
9/17/12	0.005 U	0.005 U	0.589	0.005 U	0.005 U	65.0	0.01 U	0.07	0.005 U	21.3	0.005 U	38.4	18.300	0.0002 U
3/28/13	0.005 U	0.005 U	0.570	0.005 U	0.005 U	67.0	0.01 U	0.05	0.010	22.2	0.005 U	36.5	19.000	0.0002 U
9/23/13	0.005 U	0.005 U	0.581	0.005 U	0.005 U	69.5	0.01 U	0.06	0.005 U	22.3	0.005 U	41.4	19.500	0.0002 U
3/12/14	0.005 U	0.005 U	0.540	0.005 U	0.005 U	68.0	0.01 U	0.05	0.005 U	19.6	0.005 U	39.2	17.200	0.0002 U
9/8/14	0.005 U	0.005 U	0.548	0.005 U	0.005 U	65.2	0.01 U	0.05	0.005 U	18.9	0.005 U	38.4	20.100	0.0002 U
3/18/15	0.002 U	0.003	0.510	0.002 U	0.004 U	71.0	0.01 U	0.06	0.010 U	21.0	0.002 U	40.0	20.000	0.0002 U
8/31/15	0.001 U	0.003	0.490	0.001 U	0.001 U	74.0	0.03	0.06	0.054	21.0	0.001 U	41.0	19.000	0.0002 U
3/23/16	0.002 U	0.003	0.490	0.002 U	0.002 U	70.4	0.00	0.05	0.002 U	22.1	0.002 U	40.2	18.300	0.0002 U
8/29/16	0.002 U	0.003	0.487	0.002 U	0.002 U	70.3	0.00 U	0.05	0.002 U	21.3	0.002 U	42.2	18.000	0.0002 U
3/6/17	0.002 U	0.004	0.480	0.002 U	0.002 U	76.1	0.01	0.06	0.006	22.9	0.002 U	46.1	20.100	0.0002 U
9/12/17	0.002 U	0.003	0.447	0.002 U	0.002 U	76.4	0.00	0.05	0.002 U	23.7	0.002 U	46.9	19.900	0.0002 U
3/27/18	0.002 U	0.004	0.476	0.002 U	0.002 U	80.9	0.02	0.05	0.002 U	23.0	0.002 U	46.0	20.900	0.0002 U
9/11/18	0.002 U	0.004	0.430	0.002 U	0.002 U	75.0	0.01	0.05	0.002 U	22.1	0.002 U	41.5	18.300	0.0002 U

Gude Landfill

Monitoring Location OB03 - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/25/11	0.02	8.8	0.005 U	0.01 U	71.7	0.005 U	0.01 U	0.013
9/19/11	0.02	--	--	--	--	--	--	--
3/8/12	0.02	8.2	0.005	0.01 U	57.7	0.005 U	0.01 U	0.015
9/17/12	0.02	6.7	0.006	0.01 U	36.7	0.005 U	0.01 U	0.017
3/28/13	0.02	8.3	0.005 U	0.01 U	45.5	0.005 U	0.01 U	0.014
9/23/13	0.02	6.0	0.005 U	0.01 U	37.8	0.005 U	0.01 U	0.017
3/12/14	0.02	8.2	0.005 U	0.01 U	55.1	0.005 U	0.01 U	0.013
9/8/14	0.02	7.2	0.005 U	0.01 U	47.6	0.005 U	0.01 U	0.017
3/18/15	0.02	7.2	0.035 U	0.01 U	48.0	0.001 J	0.01 U	0.013
8/31/15	0.11	7.5	0.005 U	0.00 U	42.0	0.001	0.01 U	0.013
3/23/16	0.01	6.2	0.003	0.00 U	42.4	0.001	0.00 U	0.009
8/29/16	0.01	6.1	0.003	0.00 U	39.0	0.001 U	0.00 U	0.013
3/6/17	0.02	5.8	0.005	0.00 U	39.2	0.001 U	0.00 U	0.014
9/12/17	0.01	5.1	0.002	0.00 U	36.8	0.001 U	0.00 U	0.009
3/27/18	0.02	5.4	0.005	0.00 U	35.7	0.001 U	0.00	0.014
9/11/18	0.01	6.0	0.005	0.00 U	45.1	0.001 U	0.00	0.009

Gude Landfill
Monitoring Location OB03 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
MCL/ GWPS					0.2			10		1				
4/27/01	--	--	--	66.5626	0.002	--	--	--	--	--	--	--	--	--
9/4/01	--	--	--	89.5385	0.003	--	--	--	--	--	--	--	--	--
3/12/02	--	--	--	74.9460	0.006	--	--	--	--	--	--	--	--	--
6/2/03	--	--	--	174.2270	0.002 U	--	--	--	--	--	--	--	--	0.050
10/8/03	--	--	--	--	0.008	--	--	--	--	--	--	--	--	0.085
3/23/04	--	--	--	--	0.006	--	--	--	--	--	--	--	--	0.029
9/20/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.062
4/5/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.013
9/21/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.060
4/4/06	--	--	--	--	0.007	--	--	--	--	--	--	--	--	0.046
9/25/06	--	--	--	--	0.003	--	--	--	--	--	--	--	--	0.065
4/17/07	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.050
10/3/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	--
3/25/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/23/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/21/09	265.0	2.39	13.6	134.0000	--	--	690.0	0.2000 U	--	--	--	--	--	--
7/30/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/14/10	242.0	2.90	10.1	155.0000	--	--	400.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
4/25/11	267.0	4.97	28.8	220.0000	--	--	3600.0	0.2000 U	0.20 U	0.05 U	--	--	--	--

Gude Landfill
Monitoring Location OB03 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
9/19/11	216.0	2.56	16.8	163.0000	--	--	410.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/8/12	187.0	3.48	24.3	222.0000	--	--	400.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/17/12	241.0	2.43	18.0	169.0000	--	--	360.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/28/13	221.0	2.70	17.8	192.0000	--	0.03	348.0	0.2000 U	0.20 U	0.05 U	256.0	5.93	--	--
9/23/13	233.0	2.29	13.2	157.0000	--	0.04	330.0	0.2000 U	0.20 U	0.05 U	239.0	5.84	--	--
3/12/14	212.0	3.45	15.6	201.0000	--	0.03	420.0	0.2000 U	--	--	211.0	5.73	--	--
9/8/14	227.0	3.15	19.7	194.0000	--	2.08	370.0	0.2000 U	0.20 U	0.05 U	229.0	6.01	--	--
3/18/15	213.0	2.77	18.3	202.0000	--	0.00	404.0	0.2000 U	0.20 U	0.05 U	254.0	5.81	--	--
8/31/15	243.0	2.39	21.2	183.0000	--	1.44	620.0	0.2000 U	0.20 U	0.05 U	181.0	5.78	--	--
3/23/16	210.0	2.04	19.3	201.0000	--	0.00	396.0	0.2000 U	0.20 U	0.05 U	195.0	6.09	--	--
8/29/16	248.0	1.95	17.3	189.0000	--	--	376.0	0.2000 U	0.20 U	0.05 U	187.0	5.60	--	--
3/6/17	250.0	0.70	29.1	525.0000	--	4.23	850.0	0.2000 U	0.20 U	0.05 U	193.0	5.81	--	--
9/12/17	293.0	1.21	13.9	182.0000	--	--	450.0	0.2000 U	0.20 U	0.05 U	231.0	5.86	--	--
3/27/18	280.0	1.43	25.5	195.0000	--	--	400.0	0.2000 U	0.20 U	0.05 U	32.0	5.85	--	--
9/11/18	231.0	1.68	75.0	218.0000	--	--	362.0	0.2000 U	0.20 U	0.05 U	-1.0	5.76	--	--
4/16/19	231.0	2.45	27.0	203.0000	--	0.19	329.0	0.2000 U	--	--	12.8	6.01	6.23	--
8/2/19	238.0	2.62	15.1	218.0000	--	0.15	332.0	0.2000 U	--	--	37.5	5.57	6.23	--
3/10/20	238.0	1.96	19.5	210.0000	--	0.42	383.0	0.2000 U	--	--	39.1	5.87	6.03	--
8/5/20	184.0	2.24	26.1	206.0000	--	0.63	350.0	1.2500	--	--	36.1	5.85	5.93	--
3/22/21	260.0	2.27	12.8	209.0000	--	0.47	339.0	0.0000	--	--	-9.1	6.17	6.22	--
8/31/21	317.0	2.50	38.1	247.0000	--	0.65	432.0	0.0110 U	--	--	21.0	6.01	5.96	--
4/5/22	283.0	1.29	15.3	233.0000	--	0.98	441.0	0.0110 U	--	--	35.8	5.77	5.94	--

Gude Landfill
Monitoring Location OB03 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS										
4/27/01	--	--	--	--	--	--	--	--	4.200	--
9/4/01	--	--	--	--	--	--	--	--	50.500	--
3/12/02	--	--	--	--	--	--	--	--	136.000	--
6/2/03	--	--	--	--	--	--	0	--	248.000	--
10/8/03	--	--	--	--	--	--	0 U	--	--	--
3/23/04	--	--	--	--	--	--	0 U	--	--	--
9/20/04	--	--	--	--	--	--	0 U	--	--	--
4/5/05	--	--	--	--	--	--	0 U	--	--	--
9/21/05	--	--	--	--	--	--	0	--	--	--
4/4/06	--	--	--	--	--	--	0	--	--	--
9/25/06	--	--	--	--	--	--	0	--	--	--
4/17/07	--	--	--	--	--	--	0 U	--	--	--
10/3/07	--	--	--	--	--	--	0 U	--	--	--
3/25/08	--	--	--	--	--	--	0 U	--	--	--
9/23/08	--	--	--	--	--	--	0 U	--	--	--
9/21/09	--	--	8.84	--	--	564.0	--	--	11.000	--
7/30/10	--	--	--	3.4	--	--	--	--	--	--
9/14/10	--	--	16.70	--	--	676.0	--	--	22.900	--
4/25/11	--	--	41.40	--	--	784.0	--	--	2.810	--

Gude Landfill
Monitoring Location OB03 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
9/19/11	--	--	22.00	--	--	804.0	--	--	--	--
3/8/12	--	--	28.50	--	--	888.0	--	--	--	--
9/17/12	--	--	13.10	--	--	604.0	--	--	--	--
3/28/13	1.1	--	18.60	--	15.6	572.0	--	--	--	0.00
9/23/13	887.2	--	16.80	--	16.3	568.0	--	--	--	0.00
3/12/14	1025.0	--	36.20	--	15.9	602.0	--	--	--	1.18
9/8/14	980.6	--	23.40	--	16.6	540.0	--	--	--	0.00
3/18/15	824.4	--	32.20	--	14.2	584.0	--	--	--	0.00
8/31/15	952.0	--	12.60	--	18.0	516.0	--	--	--	9.80
3/23/16	970.2	--	21.50	--	14.8	574.0	--	--	--	0.00
8/29/16	978.0	--	14.30	--	16.8	562.0	--	--	--	0.00
3/6/17	986.0	--	17.50	--	15.5	1070.0	--	--	--	0.30
9/12/17	978.8	--	11.80	--	17.3	601.0	--	--	--	0.60
3/27/18	1010.0	--	14.00	--	12.0	643.0	--	--	--	4.00
9/11/18	1081.0	--	25.30	--	16.7	612.0	--	--	--	0.00
4/16/19	1326.0	1050.0	50.50	--	13.7	656.0	--	4.9	13.200	4.00
8/2/19	1.1	1120.0	32.20	--	16.4	636.0	--	3.4	7.380	0.00
3/10/20	1130.0	1150.0	27.20	--	17.0	621.0	--	5.1	18.300	3.50
8/5/20	1039.0	1210.0	25.40	--	17.0	652.0	--	3.7	44.900	1.40
3/22/21	1334.0	1230.0	35.90	--	17.0	725.0	--	16.2	31.100	11.20
8/31/21	1237.0	1330.0	19.20	--	17.9	773.0	--	9.8	4.030	5.20
4/5/22	1160.0	1286.0	20.20	--	14.1	736.0	--	8.2	6.190	6.00

Gude Landfill
Monitoring Location OB03 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
4/27/01	0.0007 U	0.0020 U	0.3766	0.0005 U	--	0.0006 U	--	0.0116	0.0444	0.0100 U	--	0.00130 U
9/4/01	0.0032	0.0054	0.8745	0.0017 U	--	0.0020 U	--	0.0020 U	0.0543	0.0108	--	0.00200 U
3/12/02	0.0020 U	0.0040	0.5552	0.0017 U	--	0.0020 U	--	0.0048	0.0545	0.0106	--	0.00210
6/2/03	0.0020 U	0.0087	1.2980	0.0004 U	--	0.0020 U	--	0.0020 U	0.0592	0.0120	--	0.00410
10/8/03	0.0009 U	0.0027	1.3910	0.0016 U	--	0.0020 U	--	0.0020	0.0318	0.0161	--	0.00290
3/23/04	0.0009 U	0.0085	1.3530	0.0016 U	--	0.0007 U	--	0.0024	0.0755	0.0100 U	--	0.00360
9/20/04	0.0028 U	0.0085	1.8960	0.0012 U	--	0.0020 U	--	0.0045	0.0614	0.0132	--	0.00200
4/5/05	0.0028 U	0.0232	1.6900	0.0012 U	--	0.0020 U	--	0.0044	0.0711	0.0145	--	0.00300
9/21/05	0.0028 U	0.0079	1.3490	0.0012 U	--	0.0020 U	--	0.0031	0.0655	0.0153	--	0.00270
4/4/06	0.0006 U	0.0066	1.1010	0.0007 U	--	0.0020 U	--	0.0020 U	0.0593	0.0093	--	0.00310
9/25/06	0.0007 U	0.0023	0.6512	0.0009 U	--	0.0020 U	--	0.0295	0.0555	0.0499	--	0.02000
4/17/07	0.0007 U	0.0023	0.7963	0.0009 U	0.080	--	--	0.0020 U	0.0674	0.0064	--	0.00070 U
10/3/07	0.0020 U	0.0046	0.9091	0.0009 U	0.053	--	--	0.0020 U	0.0581	0.0113	--	0.00200 U
3/25/08	0.0005 U	0.0040	0.7536	0.0010 U	0.036	--	--	0.0020 U	0.0556	0.0066	--	0.00200 U
9/23/08	0.0010 U	0.0040 U	0.5928	0.0020 U	0.054	--	--	0.0016 U	0.0530	0.0077	--	0.00400 U
3/9/09	0.0010 U	0.0100 U	0.5995	0.0012 U	0.065	--	--	0.0100 U	0.0569	0.0100 U	--	0.01000 U
9/21/09	0.0020 U	0.0024	0.5880	0.0020 U	--	0.0020 U	59.90	0.0020 U	0.0643	0.0063	28.8000	0.00200 U
7/30/10	0.0010 U	0.0034	0.5500	0.0010 U	--	0.0010 U	--	0.0021	0.0610	0.0040	--	0.00110
9/14/10	0.0050 U	0.0050 U	0.5920	0.0050 U	--	0.0050 U	62.30	0.0050 U	0.0659	0.0124	25.0000	0.00500 U
4/25/11	0.0050 U	0.0050 U	0.7360	0.0050 U	--	0.0050 U	69.00	0.0050 U	0.0629	0.0076	23.6000 J	0.00500 U
9/19/11	0.0050 U	0.0050 U	0.5800	0.0050 U	--	0.0050 U	65.30	0.0050 U	0.0554	0.0050 U	22.1900	0.00500 U
3/8/12	0.0050 U	0.0050 U	0.6970	0.0050 U	--	0.0050 U	74.40	0.0050 U	0.0634	0.0082	23.6800	0.00500 U
9/17/12	0.0050 U	0.0050 U	0.5710	0.0050 U	--	0.0050 U	64.30	0.0050 U	0.0670	0.0050 U	21.7000	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB03 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
3/28/13	0.0050 U	0.0050 U	0.5730	0.0050 U	--	0.0050 U	67.40	0.0050 U	0.0531	0.0113	21.8000	0.00500 U
9/23/13	0.0050 U	0.0050 U	0.5980	0.0050 U	--	0.0050 U	64.40	0.0050 U	0.0566	0.0050 U	20.6000	0.00500 U
3/12/14	0.0050 U	0.0050 U	0.5540	0.0050 U	--	0.0050 U	65.60	0.0050 U	0.0526	0.0050 U	19.0000	0.00500 U
9/8/14	0.0050 U	0.0050 U	0.5360	0.0050 U	--	0.0050 U	60.20	0.0050 U	0.0522	0.0050 U	17.6000	0.00500 U
3/18/15	0.0020 U	0.0031	0.5200	0.0020 U	--	0.0040 U	70.00	0.0100 U	0.0560	0.0019 J	21.0000	0.00200 U
8/31/15	0.0010 U	0.0028	0.4900	0.0010 U	--	0.0005 U	74.00	0.0350	0.0610	0.0050 U	21.0000	0.00100 U
3/23/16	0.0020 U	0.0026	0.5000	0.0020 U	--	0.0020 U	69.60	0.0025	0.0484	0.0020 U	20.9000	0.00200 U
8/29/16	0.0020 U	0.0025	0.4670	0.0020 U	--	0.0020 U	69.00	0.0020 U	0.0544	0.0020 U	22.4000	0.00200 U
3/6/17	0.0020 U	0.0065	0.3120	0.0020 U	--	0.0020 U	176.00	0.0059	0.0020 U	0.0363	0.9000	0.00200 U
9/12/17	0.0020 U	0.0027	0.4630	0.0020 U	--	0.0020 U	76.50	0.0033	0.0544	0.0020 U	23.7000	0.00200 U
3/27/18	0.0020 U	0.0037	0.4790	0.0020 U	--	0.0020 U	81.20	0.0094	0.0525	0.0020 U	23.1000	0.00200 U
9/11/18	0.0020 U	0.0045	0.4340	0.0020 U	--	0.0020 U	76.00	0.0116	0.0467	0.0020 U	22.2000	0.00200 U
4/16/19	0.0010 U	0.0025	0.3410	0.0010 U	--	0.0010 U	61.30	0.0026	0.0364	0.0054	17.2000	0.00100 U
8/2/19	0.0010 U	0.0022	0.4030	0.0010 U	--	0.0010 U	61.40	0.0019	0.0406	0.0010 U	18.0000	0.00100 U
3/10/20	0.0010 U	0.0022	0.4540	0.0010 U	--	0.0010 U	70.40	0.0014	0.0480	0.0016	21.8000	0.00100 U
8/5/20	0.0010 U	0.0024	0.4480	0.0010 U	--	0.0010 U	65.20	0.0019	0.0493	0.0010 U	22.2000	0.00100 U
3/22/21	0.0010 U	0.0016	0.4230	0.0010 U	--	0.0010 U	68.20	0.0010 U	0.0411	0.0013 B	13.7000	0.00100 U
8/31/21	0.0010 U	0.0023	0.4850	0.0010 U	--	0.0010 U	80.60	0.0035	0.0544	0.0031	23.9000	0.00100 U
4/5/22	0.0010 U	0.0021	0.4590	0.0010 U	--	0.0010 U	88.80	0.0032	0.0528	0.0032	24.2000	0.00100 U

Gude Landfill
Monitoring Location OB03 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002		
4/27/01	--	12.29000	0.000100 U	0.0099	--	0.00180 U	0.0052 U	--	0.0020 U	0.2000 U	0.00200 U
9/4/01	--	16.25000	0.000100 U	0.0133	--	0.00200 U	0.0044 U	--	0.0012	0.2000 U	0.00200 U
3/12/02	--	15.48000	0.000100 U	0.0151	--	0.00200 U	0.0044 U	--	0.0011	0.2000 U	0.00200 U
6/2/03	--	15.97000	0.000200 U	0.0166	--	0.00210	0.0096 U	--	0.0010 U	0.0008 U	0.00200 U
10/8/03	--	9.80100	0.000200 U	0.0114	--	0.00200 U	0.0022 U	--	0.0010 U	0.0003 U	0.00390
3/23/04	--	18.17000	0.000200 U	0.0183	--	0.00200 U	0.0022 U	--	0.0010 U	0.0020 U	0.00390
9/20/04	--	19.31000	0.000100 U	0.0180	--	0.00480	0.0018 U	--	0.0012	0.0020 U	0.00590
4/5/05	--	20.57750	0.000100 U	0.0194	--	0.00460	0.0018 U	--	0.0012	0.0050 U	0.00780
9/21/05	--	19.79000	0.000300	0.0172	--	0.00350	0.0018 U	--	0.0012	0.0050 U	0.00320
4/4/06	--	20.77430	0.000100 U	0.0171	--	0.00200 U	0.0004 U	--	0.0020 U	0.0050 U	0.00200 U
9/25/06	--	16.74000	0.000200 U	0.0408	--	0.00080 U	0.0005 U	--	0.0020 U	0.0050 U	0.02190
4/17/07	--	--	0.000200 U	0.0190	--	0.00200 U	0.0005 U	--	0.0020 U	0.0500 U	0.00070 U
10/3/07	--	--	0.000200 U	0.0175	--	0.00200 U	0.0005 U	--	0.0020 U	0.0020 U	0.00230
3/25/08	--	--	0.000200 U	0.0168	--	0.00200 U	0.0008 U	--	0.0015	0.0500 U	0.00200 U
9/23/08	--	--	0.000200 U	0.0142	--	0.00180 U	0.0016 U	--	0.0012 U	0.0011 U	0.00120 U
3/9/09	--	--	0.000200 U	0.0162	--	0.01000 U	0.0043 U	--	0.0050 U	0.0011 U	0.01000 U
9/21/09	33.200	18.50000	0.000200 U	0.0183	10.200	0.00200 U	0.0020 U	35.90	0.0020 U	--	0.00050 U
7/30/10	--	--	0.000200 U	0.0200	--	0.00100 U	0.0010 U	--	0.0016	0.0050 U	0.00500 U
9/14/10	35.600	21.30000	0.000200 U	0.0197	6.940	0.00500 U	0.0050 U	41.60	0.0050 U	--	0.00500 U
4/25/11	47.100 J	18.50000	0.000200 U	0.0176	10.100	0.00500 U	0.0050 U	74.20	0.0050 U	--	0.00500 U
9/19/11	41.100	19.00000	0.000200 U	--	7.000	0.00500 U	0.0050 U	44.20	0.0050 U	--	0.00500 U
3/8/12	42.700	19.60000	0.000250	0.0209	7.950	0.00545	0.0050 U	58.90	0.0050 U	--	0.00500 U
9/17/12	37.000	18.80000	0.000200 U	0.0229	6.770	0.00500 U	0.0050 U	35.70	0.0050 U	--	0.00500 U

Gude Landfill
Monitoring Location OB03 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
3/28/13	35.200	19.50000	0.000200 U	0.0170	9.310	0.00500 U	0.0050 U	43.80	0.0050 U	--	0.00500 U
9/23/13	38.600	19.40000	0.000470	0.0205	5.770	0.00500 U	0.0050 U	35.70	0.0050 U	--	0.00500 U
3/12/14	37.400	17.30000	0.000200 U	0.0176	8.520	0.00500 U	0.0050 U	53.80	0.0050 U	--	0.00500 U
9/8/14	35.300	20.60000	0.000200 U	0.0165	7.120	0.00500 U	0.0050 U	43.60	0.0050 U	--	0.00500 U
3/18/15	40.000	19.00000	0.000200 U	0.0110 U	7.000	0.03500 U	0.0100 U	47.00	0.0011 J	--	0.01000 U
8/31/15	41.000	19.00000	0.000200 U	0.0320	7.400	0.00500 U	0.0010 U	41.00	0.0013	--	0.00500 U
3/23/16	40.700	26.80000	0.000200 U	0.0126	5.720	0.00290	0.0020 U	42.90	0.0011	--	0.00200 U
8/29/16	40.600	18.80000	0.000200 U	0.0145	6.280	0.00267	0.0020 U	38.40	0.0011	--	0.00200 U
3/6/17	91.500	3.13000	0.000200 U	0.0177	6.970	0.03170	0.0020 U	69.40	0.0010 U	--	0.00446
9/12/17	46.900	19.10000	0.000200 U	0.0144	5.220	0.00249	0.0020 U	36.80	0.0010 U	--	0.00200 U
3/27/18	46.400	20.90000	0.000200 U	0.0166	5.330	0.00565	0.0020 U	36.20	0.0010 U	--	0.00284
9/11/18	41.900	18.30000	0.000200 U	0.0145	6.010	0.00492	0.0020 U	46.00	0.0010 U	--	0.00334
4/16/19	42.800	16.80000	0.000100 U	0.0124	7.070	0.00100 U	0.0010 U	62.00 B	0.0010 U	--	0.00100 U
8/2/19	43.300	19.80000	0.000100 U	0.0133	6.820	0.00100 U	0.0010 U	57.30	0.0010 U	--	0.00100 U
3/10/20	50.300	21.30000	0.000100 U	0.0147	8.730	0.00100 U	0.0010 U	56.30	0.0010 U	--	0.00100 U
8/5/20	45.500	21.90000	0.000100 U	0.0146	7.390	0.00100 U	0.0010 U	54.40	0.0010 U	--	0.00100 U
3/22/21	41.000	17.30000	0.000100 U	0.0115	22.000	0.00130	0.0010 U	59.00	0.0010 U	--	0.00100 U
8/31/21	56.000	24.40000	0.000100 U	0.0181	7.050	0.00100 U	0.0010 U	58.20	0.0010 U	--	0.00100 U
4/5/22	53.300	22.20000	0.000100 U	0.0166	6.860	0.00100 U	0.0010 U	53.80	0.0010 U	--	0.00100 U

Gude Landfill
Monitoring Location OB03 - Total Metals

Printed 5/25/22

	Zinc, total (mg/L)
MCL/ GWPS	
4/27/01	--
9/4/01	--
3/12/02	--
6/2/03	--
10/8/03	--
3/23/04	--
9/20/04	--
4/5/05	--
9/21/05	--
4/4/06	--
9/25/06	--
4/17/07	0.01260
10/3/07	0.02530
3/25/08	0.02080
9/23/08	0.02000 U
3/9/09	0.03360
9/21/09	0.01000 U
7/30/10	0.02500
9/14/10	0.01650
4/25/11	0.01480
9/19/11	0.01410
3/8/12	0.01750
9/17/12	0.01480

Gude Landfill
Monitoring Location OB03 - Total Metals

Printed 5/25/22

	Zinc, total (mg/L)
3/28/13	0.01420
9/23/13	0.01540
3/12/14	0.01370
9/8/14	0.01660
3/18/15	0.01300
8/31/15	0.01500
3/23/16	0.00931
8/29/16	0.01050
3/6/17	0.00709
9/12/17	0.00950
3/27/18	0.01350
9/11/18	0.00926
4/16/19	0.02300
8/2/19	0.00792 B
3/10/20	0.00906
8/5/20	0.00807
3/22/21	0.01760
8/31/21	0.00855
4/5/22	0.00400 U

Gude Landfill

Printed 5/25/22

Monitoring Location OB03 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5	
4/27/01	0.18 U	0.15 U	0.23 U	0.22 U	38.54	1.00 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	2.25	7.80	0.19 U
9/4/01	0.18 U	0.15 U	0.23 U	3.77	49.88	1.00 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	2.73	9.57	0.19 U
3/12/02	0.18 U	0.15 U	0.23 U	4.07	58.99	1.00 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	3.49	12.62	0.19 U
6/2/03	0.18 U	0.15 U	0.23 U	0.22 U	27.30	1.00 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	6.32	0.19 U
10/8/03	0.18 U	0.15 U	0.23 U	0.22 U	25.91	1.00 U	0.22 U	0.21 U	0.14 U	0.20 U	0.19 U	1.64	6.70	0.19 U
3/23/04	0.18 U	0.15 U	0.23 U	0.22 U	27.74	1.00 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	2.45	7.91	0.19 U
9/20/04	0.13 U	0.24 U	0.44 U	0.25 U	33.30	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	2.33	10.73	0.33 U
4/5/05	0.13 U	0.24 U	0.44 U	0.25 U	29.03	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.89	10.53	0.33 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	42.38	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	3.03	11.53	0.33 U
4/4/06	0.13 U	0.24 U	0.44 U	0.25 U	36.78	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	2.58	9.40	0.33 U
9/25/06	0.13 U	0.24 U	0.44 U	0.25 U	21.95	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	3.87	13.74	0.33 U
4/17/07	0.13 U	0.24 U	0.44 U	0.25 U	34.70	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	2.95	9.67	0.33 U
10/3/07	0.13 U	0.24 U	0.44 U	0.25 U	44.70	1.00 U	0.35 U	0.40 U	1.07	0.28 U	10.00 U	5.32	15.23	0.33 U
3/25/08	0.18 U	0.18 U	0.21 U	0.23 U	47.23	0.63	0.26 U	0.14 U	0.24 U	0.16 U	1.82	4.98	14.47	0.20 U
9/23/08	0.12 U	0.17 U	0.14 U	0.17 U	36.07	0.50 U	0.13 U	0.17 U	0.20 U	0.08 U	1.34	4.09	12.33	0.13 U
3/9/09	0.12 U	0.17 U	0.14 U	0.17 U	48.38	0.72	0.13 U	0.17 U	0.20 U	0.08 U	--	4.81	16.14	0.13 U
9/21/09	1.00 U	1.00 U	1.00 U	1.00 U	45.00	0.86 J	1.00 U	1.00 U	1.00 U	1.00 U	1.84	1.00 U	15.80	1.00 U
7/30/10	1.00 U	1.00 U	1.00 U	1.00 U	50.00	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	2.00	4.00	13.00	1.00 U
9/14/10	2.00 U	2.00 U	2.00 U	2.00 U	36.40	0.71 J	2.00 U	2.00 U	1.52 J	2.00 U	1.92 J	3.84	10.10	2.00 U
4/25/11	1.00 U	1.00 U	1.00 U	1.00 U	23.00	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.10	--

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill

Printed 5/25/22

Monitoring Location OB03 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)
9/19/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	6.00	11.00	--
3/8/12	1.00 U	1.00 U	1.00 U	1.00 U	23.00	1.00 U	--	1.00 U	1.00 U	1.00 U	1.20	1.00 U	6.80	--
9/17/12	1.00 U	1.00 U	1.00 U	1.00 U	34.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	12.80	1.00 U
3/28/13	1.00 U	1.00 U	1.00 U	1.00 U	34.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.47	3.68	10.50	1.00 U
9/23/13	1.00 U	1.00 U	1.00 U	1.00 U	37.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.57	2.61	15.30	1.00 U
3/12/14	1.00 U	1.00 U	1.00 U	1.00 U	18.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.87	5.49	1.00 U
9/8/14	1.00 U	1.00 U	1.00 U	1.00 U	29.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.29	3.74	8.57	1.00 U
3/18/15	1.00 U	1.00 U	1.00 U	1.00 U	24.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.06	2.69	6.90	1.00 U
8/31/15	1.00 U	1.00 U	1.00 U	1.00 U	31.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.51	4.29	9.63	1.00 U
3/23/16	1.00 U	1.00 U	1.00 U	1.00 U	29.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.54	3.54	8.41	1.00 U
8/29/16	1.00 U	1.00 U	1.00 U	1.00 U	28.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.69	3.82	8.28	1.00 U
3/6/17	1.00 U	1.00 U	1.00 U	1.00 U	24.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.97	3.67	7.23	1.00 U
9/12/17	1.00 U	1.00 U	1.00 U	1.00 U	22.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.01	3.50	7.06	1.00 U
3/27/18	1.00 U	1.00 U	1.00 U	1.00 U	21.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.47	3.38	6.16	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	16.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.06	2.17	4.52	1.00 U
4/16/19	1.00 U	1.00 U	1.00 U	1.00 U	9.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	2.70	1.00 U
8/2/19	1.00 U	1.00 U	1.00 U	1.00 U	15.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00	4.10	1.00 U
3/10/20	1.00 U	1.00 U	1.00 U	1.00 U	14.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.60	3.60	1.00 U
8/5/20	1.00 U	1.00 U	1.00 U	1.00 U	17.40	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.40	2.50	4.70	1.00 U
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	8.80	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	2.10	1.00 U
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	13.60	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.50	2.20	3.40	1.00 U
4/5/22	1.00 U	1.00 U	1.00 U	1.00 U	15.60	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.50	1.90	3.70	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB03 - Volatile Organic Compounds

Printed 5/25/22

	1,4-Dichlorobenzene (ug/L)	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)
MCL/ GWPS	75						5		80	80			5	100	
4/27/01	10.00 U	--	0.18 U	--	0.15 U	--	8.60	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	2.86	1.68
9/4/01	10.00 U	--	0.18 U	--	1.00 U	--	8.08	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	2.12	3.32
3/12/02	10.00 U	--	0.18 U	--	1.00 U	--	9.03	0.20 U	0.18 U	0.14 U	1.00 U	0.38 U	0.15 U	1.36	2.19
6/2/03	10.00 U	--	0.18 U	--	0.15 U	--	5.17	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	6.95	1.92
10/8/03	11.54	1.69	0.18 U	--	0.15 U	--	5.50	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	6.31	2.01
3/23/04	16.14	4.67	1.00 U	--	0.15 U	--	6.58	0.20 U	0.18 U	0.14 U	1.00 U	1.00 U	0.15 U	6.25	2.35
9/20/04	10.24	0.29 U	0.19 U	--	0.39 U	--	5.28	0.34 U	0.31 U	0.27 U	0.31 U	2.50 U	0.25 U	4.42	1.11
4/5/05	10.00 U	1.00 U	0.19 U	--	0.39 U	--	2.40	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	4.22	1.90
9/21/05	10.00 U	0.29 U	0.19 U	--	0.39 U	--	4.29	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	3.24	1.67
4/4/06	10.01	0.29 U	0.19 U	--	1.00 U	--	3.34	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	4.92	1.48
9/25/06	10.47	1.00 U	0.19 U	--	0.39 U	--	4.53	0.34 U	0.31 U	0.27 U	1.00 U	0.75 U	0.25 U	3.98	1.49
4/17/07	11.86	1.00 U	0.19 U	--	0.39 U	--	3.99	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	5.59	1.59
10/3/07	10.11	1.00 U	1.00 U	--	0.39 U	--	6.12	0.34 U	0.31 U	0.27 U	1.00 U	2.50 U	0.25 U	3.89	0.31 U
3/25/08	10.00 U	--	--	--	--	--	4.62	0.12 U	0.19 U	0.12 U	0.53	--	0.13 U	2.32	1.23
9/23/08	10.00 U	--	--	--	--	--	3.20	0.14 U	0.11 U	0.16 U	0.50 U	--	0.14 U	2.04	1.19
3/9/09	--	--	--	--	--	--	5.53	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	2.76	1.61
9/21/09	13.60	1.00 U	1.00 U	1.00 U	0.14 J	1.00 U	4.56	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	2.98	1.55
7/30/10	15.00	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	6.00	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	3.00	1.00
9/14/10	11.30	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	4.24	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.26	1.51 J
4/25/11	1.00 U	5.00 U	5.00 U	5.00 U	8.10	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.90	1.00 U	5.70	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB03 - Volatile Organic Compounds

Printed 5/25/22

	1,4-Dichlorobenzene (ug/L)	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)
9/19/11	1.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.40	1.00 U
3/8/12	9.70	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.10	1.00 U
9/17/12	16.60	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U
3/28/13	12.40	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.44	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.04	1.20
9/23/13	18.20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.38	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.43	1.00 U
3/12/14	8.08	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.32	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.80	1.00 U
9/8/14	12.20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.18	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.79	1.00 U
3/18/15	8.84	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.62	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.35	1.00 U
8/31/15	14.00	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.27	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.95	1.10
3/23/16	13.50	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.25	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.82	1.05
8/29/16	16.50	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.25	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.97	1.54
3/6/17	18.60	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.93	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.34	2.22
9/12/17	19.50	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.40	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.39	1.83
3/27/18	14.20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.31	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.86	2.40
9/11/18	10.00	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.63	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.48	1.25
4/16/19	5.10	5.00 U	5.00 U	5.00 U	5.90	5.00 U	1.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.50	1.00 U
8/2/19	9.40	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.80	1.00 U
3/10/20	11.20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.10	1.00 U
8/5/20	15.20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.50	1.00 U
3/22/21	6.30	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U
8/31/21	1.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.60	2.00
4/5/22	16.20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.40	1.30

Gude Landfill
Monitoring Location OB03 - Volatile Organic Compounds

Printed 5/25/22

	Chloroform (ug/L)	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)
MCL/ GWPS	80		70		80	700	10000				5	10000	100	5
4/27/01	0.23 U	0.21 U	53.86	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	27.78
9/4/01	0.23 U	0.21 U	66.93	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	3.22	0.27 U	0.21 U	61.57
3/12/02	0.23 U	0.21 U	88.85	0.19 U	1.00 U	0.26 U	0.28 U	0.17 U	--	0.22 U	1.00 U	0.27 U	0.21 U	90.52
6/2/03	0.23 U	0.21 U	48.32	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	0.22 U	0.21 U	1.00 U	0.21 U	6.99
10/8/03	0.23 U	0.21 U	46.23	0.19 U	0.17 U	1.00 U	1.00 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U
3/23/04	0.23 U	1.00 U	47.05	0.19 U	0.17 U	0.26 U	0.28 U	1.00 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.65
9/20/04	0.27 U	1.00 U	67.11	0.29 U	0.27 U	1.00 U	2.00 U	0.28 U	--	0.25 U	0.34 U	1.00 U	1.00 U	26.04
4/5/05	0.27 U	0.25 U	56.21	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	3.06
9/21/05	0.27 U	0.25 U	98.51	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	1.00 U	0.25 U	23.14
4/4/06	0.27 U	0.25 U	71.67	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.85
9/25/06	0.27 U	0.25 U	128.85	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	1.00 U	0.25 U	22.97
4/17/07	0.27 U	0.25 U	87.59	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U
10/3/07	0.27 U	1.00 U	148.91	0.29 U	0.27 U	1.00 U	2.00 U	0.28 U	--	0.25 U	0.34 U	1.00 U	1.00 U	27.73
3/25/08	0.21 U	0.50 U	161.47	0.13 U	0.15 U	0.50 U	1.33	--	5.00 U	0.15 U	0.12 U	0.79	0.20 U	0.20 U
9/23/08	0.12 U	0.20 U	120.90	0.12 U	0.13 U	0.12 U	0.23 U	--	5.57	0.20 U	0.17 U	0.11 U	0.11 U	0.16 U
3/9/09	0.12 U	0.50 U	164.77	0.12 U	0.13 U	0.12 U	0.23 U	--	5.00 U	0.20 U	0.17 U	0.50 U	0.11 U	4.49
9/21/09	1.00 U	1.00 U	156.00	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	2.05	1.00 U	1.00 U	1.00 U	1.00 U	0.61 U
7/30/10	1.00 U	1.00 U	160.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	28.00
9/14/10	2.00 U	2.00 U	117.00	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	1.71 J	2.00 U	2.00 U	2.00 U	2.00 U	11.00
4/25/11	1.00 U	5.30	38.00	1.00 U	1.00 U	1.00 U	--	1.00 U	2.60	1.00 U	1.00 U	--	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB03 - Volatile Organic Compounds

Printed 5/25/22

	Chloroform (ug/L)	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)
9/19/11	1.00 U	1.70	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	6.20
3/8/12	1.00 U	1.00 U	71.00	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U
9/17/12	1.00 U	1.00 U	94.90	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/13	1.00 U	1.00 U	97.10	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.39
9/23/13	1.00 U	1.00 U	126.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/14	1.00 U	1.00 U	54.70	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/14	1.00 U	1.00 U	86.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.19
3/18/15	1.00 U	1.00 U	74.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/15	1.00 U	1.00 U	88.50	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	1.00 U	1.00 U	87.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/29/16	1.00 U	1.00 U	81.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/17	1.00 U	1.00 U	77.20	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/17	1.00 U	1.00 U	68.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/18	1.00 U	1.00 U	67.30	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	50.20	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/16/19	1.00 U	1.00 U	30.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/2/19	1.00 U	1.00 U	47.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/10/20	1.00 U	1.00 U	49.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/20	1.00 U	1.00 U	54.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/21	1.00 U	1.00 U	28.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	1.00 U	1.00 U	38.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/5/22	1.00 U	1.00 U	47.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB03 - Volatile Organic Compounds

Printed 5/25/22

	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS	1000	100			5			2	10000
4/27/01	1.00 U	4.60	0.13 U	1.00 U	67.32	5.06	--	--	--
9/4/01	0.24 U	5.02	0.13 U	0.14 U	71.90	3.83	--	--	--
3/12/02	1.18	5.66	0.13 U	0.14 U	90.07	6.87	--	--	--
6/2/03	1.00 U	2.67	0.13 U	0.14 U	47.33	2.38	--	--	--
10/8/03	1.00 U	4.19	0.13 U	1.00 U	48.01	2.31	--	12.44	--
3/23/04	1.00 U	4.84	0.13 U	0.14 U	53.13	0.18 U	--	--	--
9/20/04	0.32 U	4.97	0.24 U	0.30 U	80.53	0.36 U	--	16.08	--
4/5/05	0.32 U	4.09	0.24 U	1.00 U	110.03	3.30	--	17.86	--
9/21/05	1.00 U	6.27	0.24 U	0.30 U	92.22	0.36 U	--	19.76	--
4/4/06	1.00 U	5.19	0.24 U	0.30 U	71.55	3.18	--	11.67	--
9/25/06	1.00 U	11.59	0.24 U	0.30 U	112.28	4.34	--	30.39	--
4/17/07	1.00 U	7.00	0.24 U	0.30 U	76.03	0.36 U	--	19.65	--
10/3/07	1.00 U	12.95	0.24 U	0.30 U	108.24	0.36 U	--	31.39	--
3/25/08	2.46	8.87	0.08 U	--	132.60	0.07 U	--	23.16	--
9/23/08	0.50 U	12.43	0.13 U	--	107.44	0.10 U	--	17.61	--
3/9/09	0.67	11.02	0.13 U	--	130.79	0.10 U	--	29.48	--
9/21/09	1.49	9.59	1.00 U	1.00 U	131.00	4.88	--	30.50	--
7/30/10	1.00 U	9.00	1.00 U	5.00 U	92.00	1.00 U	1.00 U	23.00	--
9/14/10	2.00 U	7.01	2.00 U	2.00 U	81.60	2.00 U	2.00 U	28.00	--
4/25/11	1.00 U	6.30	1.00 U	5.00 U	21.00	1.00 U	1.00 U	11.00	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB03 - Volatile Organic Compounds

Printed 5/25/22

	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
9/19/11	1.00 U	14.00	1.00 U	5.00 U	82.00	8.30	1.00 U	41.00	1.00 U
3/8/12	1.00 U	4.80	1.00 U	5.00 U	47.00	1.00 U	1.00 U	14.00	1.00 U
9/17/12	1.00 U	7.24	1.00 U	5.00 U	75.60	1.00 U	5.00 U	17.50	--
3/28/13	1.00 U	6.92	1.00 U	5.00 U	57.90	1.00 U	5.00 U	17.40	--
9/23/13	1.00 U	3.98	1.00 U	5.00 U	87.40	1.00 U	5.00 U	16.80	--
3/12/14	1.00 U	3.72	1.00 U	5.00 U	24.20	1.00 U	5.00 U	8.89	--
9/8/14	1.00 U	6.61	1.00 U	5.00 U	45.40	1.00 U	5.00 U	18.20	--
3/18/15	1.00 U	4.59	1.00 U	5.00 U	21.90	1.00 U	5.00 U	11.10	--
8/31/15	1.00 U	6.41	1.00 U	5.00 U	35.20	1.45	5.00 U	12.80	--
3/23/16	1.00 U	6.00	1.00 U	5.00 U	14.60	1.77	5.00 U	13.20	--
8/29/16	1.00 U	6.09	1.00 U	5.00 U	21.00	2.09	5.00 U	12.20	--
3/6/17	1.00 U	5.82	1.00 U	5.00 U	10.60	1.00 U	5.00 U	11.10	--
9/12/17	1.00 U	5.24	1.00 U	5.00 U	7.00	1.00 U	5.00 U	8.77	--
3/27/18	1.00 U	4.79	1.00 U	5.00 U	2.32	1.00 U	5.00 U	8.71	--
9/11/18	1.00 U	3.81	1.00 U	5.00 U	1.82	1.11	5.00 U	9.32	--
4/16/19	1.00 U	2.20	1.00 U	1.00 U	1.90	1.00 U	1.00 U	5.80	--
8/2/19	1.00 U	3.50	1.00 U	1.00 U	4.00	1.00 U	1.00 U	8.70	--
3/10/20	1.00 U	3.80	1.00 U	1.00 U	3.10	1.00 U	1.00 U	8.20	--
8/5/20	1.00 U	4.00	1.00 U	1.00 U	2.90	1.00 U	1.00 U	9.80	--
3/22/21	1.00 U	1.70	1.00 U	1.00 U	2.90	1.00 U	1.00 U	4.20	--
8/31/21	1.00 U	3.10	1.00 U	1.00 U	2.10	1.00 U	1.00 U	7.90	--
4/5/22	1.00 U	3.70	1.00 U	1.00 U	1.20	1.00 U	1.00 U	7.70	--

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB04A - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/25/11	0.005 U	0.005	0.054	0.005 U	0.005 U	118.0	0.01 U	0.01 U	0.022	1.0	0.005 U	83.9	1.100	0.0002 U
9/15/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/13/12	0.005 U	0.012	0.061	0.005 U	0.005 U	125.0	0.01 U	0.01 U	0.025	0.6	0.005 U	89.6	1.210	0.0002 U
9/17/12	0.005 U	0.011	0.059	0.005 U	0.005 U	119.0	0.01 U	0.01 U	0.029	0.5	0.005 U	81.8	1.160	0.0002 U
4/2/13	0.005 U	0.012	0.060	0.005 U	0.005 U	115.0	0.01 U	0.01 U	0.036	0.5	0.005 U	82.5	1.240	0.0002 U
9/16/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/18/13	0.005 U	0.005 U	0.060	0.005 U	0.005 U	122.0	0.01 U	0.01 U	0.024	0.5	0.005 U	84.4	1.330	0.0002 U
9/19/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/13/14	0.005 U	0.010	0.063	0.005 U	0.005 U	117.0	0.01 U	0.01 U	0.025	0.2 U	0.005 U	79.8	1.330	0.0002 U
9/8/14	0.005 U	0.005	0.068	0.005 U	0.005 U	116.0	0.01 U	0.01 U	0.027	0.7	0.005 U	81.5	1.570	0.0002 U
3/18/15	0.002 U	0.008	0.059	0.002 U	0.004 U	130.0	0.11	0.01 U	0.030	0.3	0.002 U	89.0	1.600	0.0002 U
9/1/15	0.001 U	0.008	0.060	0.001 U	0.001 U	130.0	0.01 U	0.01 U	0.026	0.0 U	0.001 U	87.0	1.700	0.0002 U
3/16/16	0.002 U	0.005	0.065	0.002 U	0.002 U	128.0	0.00 U	0.00 U	0.026	1.1	0.002 U	90.6	1.850	0.0002 U
8/30/16	0.002 U	0.006	0.069	0.002 U	0.002 U	130.0	0.00 U	0.00 U	0.026	0.7	0.002 U	93.0	1.810	0.0002 U
3/6/17	0.002 U	0.007	0.064	0.002 U	0.002 U	134.0	0.01	0.00 U	0.030	0.8	0.002 U	93.1	1.710	0.0002 U
9/12/17	0.002 U	0.004	0.066	0.002 U	0.002 U	135.0	0.00	0.00 U	0.023	0.7	0.002 U	92.8	1.720	0.0002 U
3/28/18	0.002 U	0.010	0.064	0.002 U	0.002 U	134.0	0.01	0.00 U	0.022	0.2 U	0.002 U	92.1	1.850	0.0002 U
9/6/18	0.002 U	0.007	0.068	0.002 U	0.002 U	140.0	0.01	0.00 U	0.028	0.1 U	0.002 U	94.3	1.950	0.0002 U

Gude Landfill

Monitoring Location OB04A - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/25/11	0.02	5.0	0.022	0.01 U	90.8	0.005 U	0.01 U	0.019
9/15/11	0.02	--	--	--	--	--	--	--
3/13/12	0.02	5.1	0.041	0.01 U	97.0	0.005 U	0.01 U	0.021
9/17/12	0.02	5.6	0.044	0.01 U	90.2	0.005 U	0.01 U	0.023
4/2/13	0.03	5.6	0.049	0.01 U	91.4	0.005 U	0.01 U	0.022
9/16/13	0.02	--	--	--	--	--	--	--
9/18/13	0.02	5.2	0.022	0.01 U	89.6	0.005 U	0.01 U	0.020
9/19/13	0.02	--	--	--	--	--	--	--
3/13/14	0.02	4.7	0.035	0.01 U	85.2	0.005 U	0.01 U	0.023
9/8/14	0.02	5.4	0.023	0.01 U	85.6	0.005 U	0.01 U	0.024
3/18/15	0.12	5.3	0.026 J	0.01 U	95.0	0.002 U	0.01 U	0.024
9/1/15	0.02	5.8	0.031	0.00 U	87.0	0.001 U	0.01 U	0.023
3/16/16	0.02	6.8	0.022	0.00 U	89.0	0.001 U	0.00 U	0.021
8/30/16	0.02	5.3	0.022	0.00 U	91.8	0.001 U	0.00 U	0.022
3/6/17	0.03	4.9	0.034	0.00 U	94.6	0.001 U	0.00	0.023
9/12/17	0.02	4.9	0.019	0.00 U	93.8	0.001 U	0.00 U	0.020
3/28/18	0.02	4.5	0.030	0.00 U	94.1	0.001 U	0.00	0.020
9/6/18	0.03	4.9	0.024	0.00 U	92.6	0.001 U	0.00	0.025

Gude Landfill
Monitoring Location OB04A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
MCL/ GWPS					0.2			10		1				
4/27/01	--	--	--	318.9060	0.001 U	--	--	--	--	--	--	--	--	--
9/4/01	--	--	--	334.6690	0.003	--	--	--	--	--	--	--	--	--
3/12/02	--	--	--	206.9520	0.001	--	--	--	--	--	--	--	--	--
9/16/02	--	--	--	372.9800	0.001 U	--	--	--	--	--	--	--	--	--
6/2/03	--	--	--	390.8830	0.002 U	--	--	--	--	--	--	--	--	0.064
10/8/03	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.075
3/23/04	--	--	--	--	0.005	--	--	--	--	--	--	--	--	0.049
9/20/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.061
4/5/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.044
9/21/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.018
4/4/06	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.049
9/25/06	--	--	--	--	0.001 U	--	--	--	--	--	--	--	--	0.053
4/17/07	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.059
10/3/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	--
3/25/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/23/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/21/09	125.0	0.30	31.3	438.0000	--	--	570.0	0.2000 U	--	--	--	--	--	--
7/29/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/15/10	135.0	0.28	29.5	468.0000	--	--	600.0	0.2000 U	0.20 U	0.05 U	--	--	--	--

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB04A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
4/25/11	133.0	0.38	39.3	473.0000	--	--	592.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/15/11	127.0	0.32	27.5	460.0000	--	--	602.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/13/12	129.0	0.22	33.0	531.0000	--	--	622.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/17/12	123.0	0.30	33.3	501.0000	--	--	598.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
4/2/13	129.0	0.29	28.8	498.0000	--	0.07	604.0	0.2000 U	0.20 U	0.05 U	385.0	5.85	--	--
9/16/13	--	--	--	--	--	0.13	590.0	--	--	--	179.9	5.62	--	--
9/18/13	127.0	0.23	65.6	501.0000	--	0.03	616.0	0.2000 U	0.20 U	0.05 U	406.0	5.69	--	--
9/19/13	--	--	--	--	--	0.74	640.0	--	--	--	223.0	5.65	--	--
3/13/14	133.0	0.31	27.6	512.0000	--	0.02	640.0	0.2000 U	--	--	419.0	5.77	--	--
9/8/14	144.0	0.48	34.6	530.0000	--	2.33	684.0	0.2000 U	0.20 U	0.05 U	353.0	5.92	--	--
3/18/15	1250.0	0.37	35.6	544.0000	--	0.00	694.0	0.2000 U	0.20 U	0.05 U	339.0	6.41	--	--
9/1/15	131.0	0.37	39.7	541.0000	--	0.91	680.0	0.2000 U	0.20 U	0.05 U	288.0	5.63	--	--
3/16/16	132.0	0.33	35.5	580.0000	--	0.00	690.0	0.2000 U	0.20 U	0.05 U	404.0	5.76	--	--
8/30/16	145.0	0.38	47.5	543.0000	--	--	700.0	0.2000 U	0.20 U	0.05 U	385.0	5.46	--	--
3/6/17	143.0	0.31	34.0	539.0000	--	--	720.0	0.2000 U	0.20 U	0.05 U	425.0	5.68	--	--
9/12/17	144.0	0.20 U	29.8	551.0000	--	--	700.0	0.2000 U	0.20 U	0.05 U	434.0	5.65	--	--
3/28/18	139.0	0.22	50.7	584.0000	--	--	770.0	0.2000 U	0.20 U	0.05 U	243.0	5.66	--	--
9/6/18	140.0	0.33	39.7	607.0000	--	--	741.0	0.2000 U	0.20 U	0.05 U	224.0	5.67	--	--
4/9/19	254.0	0.94	50.0	546.0000	--	0.02	720.0 B	1.4000	--	--	141.6	5.80	6.12	--
8/1/19	210.0	0.99	52.2	593.0000	--	0.13	896.0	1.6000	--	--	178.8	5.41	6.01	--
3/9/20	157.0	0.63	41.9	566.0000	--	0.53	835.0	1.2100	--	--	261.1	5.60	5.77	--
7/27/20	155.0	0.61	49.5	560.0000	--	0.48	771.0	0.9300	--	--	159.9	5.59	5.77	--

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB04A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
3/22/21	163.0	0.56	39.6	594.0000	--	0.09	695.0	0.0000	--	--	169.1	5.65	5.82	--
8/30/21	169.0	0.67	53.2	616.0000	--	0.67	832.0	0.0110 U	--	--	233.1	5.54	5.78	--
4/4/22	158.0	0.48	39.0	601.0000	--	0.98	837.0	0.0110 U	--	--	147.3	5.55	5.77	--

Gude Landfill
Monitoring Location OB04A - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS										
4/27/01	--	--	--	--	--	--	--	--	1.100	--
9/4/01	--	--	--	--	--	--	--	--	0.780	--
3/12/02	--	--	--	--	--	--	--	--	1.490	--
9/16/02	--	--	--	--	--	--	--	--	1.000	--
6/2/03	--	--	--	--	--	--	0	--	1.400	--
10/8/03	--	--	--	--	--	--	0 U	--	--	--
3/23/04	--	--	--	--	--	--	0 U	--	--	--
9/20/04	--	--	--	--	--	--	0 U	--	--	--
4/5/05	--	--	--	--	--	--	0 U	--	--	--
9/21/05	--	--	--	--	--	--	0	--	--	--
4/4/06	--	--	--	--	--	--	0	--	--	--
9/25/06	--	--	--	--	--	--	0	--	--	--
4/17/07	--	--	--	--	--	--	0 U	--	--	--
10/3/07	--	--	--	--	--	--	0 U	--	--	--
3/25/08	--	--	--	--	--	--	0 U	--	--	--
9/23/08	--	--	--	--	--	--	0 U	--	--	--
9/21/09	--	--	12.10	--	--	1200.0	--	--	10.300	--
7/29/10	--	--	--	3.0 U	--	--	--	--	--	--
9/15/10	--	--	12.80	--	--	1672.0	--	--	16.300	--

Gude Landfill
Monitoring Location OB04A - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
4/25/11	--	--	11.50 J	--	--	1356.0	--	--	5.830	--
9/15/11	--	--	11.00	--	--	1636.0	--	--	--	--
3/13/12	--	--	11.10	--	--	1508.0	--	--	--	--
9/17/12	--	--	11.50	--	--	1476.0	--	--	--	--
4/2/13	2.0	--	9.00	--	15.5	1596.0	--	--	--	12.30
9/16/13	1.2	--	--	--	16.2	--	--	--	4.300	1.32
9/18/13	1697.0	--	11.70	--	17.2	1262.0	--	--	--	18.20
9/19/13	1.7	--	--	--	13.7	--	--	--	0.410	10.30
3/13/14	1720.0	--	12.00	--	15.5	1242.0	--	--	--	14.10
9/8/14	1818.0	--	14.00	--	17.0	1138.0	--	--	--	7.20
3/18/15	1577.0	--	11.00	--	14.8	1088.0	--	--	--	0.00
9/1/15	1837.0	--	9.29	--	18.2	1169.0	--	--	--	0.81
3/16/16	1836.0	--	12.20	--	13.8	1070.0	--	--	--	0.00
8/30/16	1862.0	--	11.30	--	21.5	1200.0	--	--	--	0.00
3/6/17	1771.0	--	12.00	--	15.6	1030.0	--	--	--	2.50
9/12/17	1837.0	--	10.50	--	19.6	1210.0	--	--	--	1.50
3/28/18	1832.0	--	12.60	--	15.0	1350.0	--	--	--	0.00
9/6/18	1987.0	--	11.10	--	24.2	1100.0	--	--	--	3.70
4/9/19	2541.0	2120.0	18.80	--	15.8	1450.0	--	6.3	0.812	2.00
8/1/19	1.8	2090.0	15.50	--	17.2	1790.0	--	2.3 J	0.500 U	2.30
3/9/20	1992.0	2110.0	12.20	--	15.8	1390.0	--	6.7	1.270	0.40
7/27/20	2009.0	2170.0	11.30	--	18.9	1210.0	--	10.0	0.500 U	2.10

Gude Landfill
Monitoring Location OB04A - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
3/22/21	2198.0	2190.0	11.40	--	19.2	1520.0	--	9.9	0.500 U	0.05
8/30/21	2156.0	2170.0	10.40	--	20.7	1250.0	--	9.6	0.500 U	2.50
4/4/22	1919.0	2222.0	9.90	--	13.1	1190.0	--	27.7	1.450	2.61

Gude Landfill
Monitoring Location OB04A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
4/27/01	0.0007 U	0.0020 U	0.0898	0.0005 U	--	0.0020 U	--	0.0062	0.0007 U	0.0218	--	0.00130 U
9/4/01	0.0020 U	0.0020 U	0.0385	0.0017 U	--	0.0020 U	--	0.0012 U	0.0020 U	0.0263	--	0.00200 U
3/12/02	0.0005 U	0.0054	0.0385	0.0017 U	--	0.0020 U	--	0.0023	0.0020 U	0.0246	--	0.00200 U
9/16/02	0.0007 U	0.0192	0.0397	0.0004 U	--	0.0020 U	--	0.0032	0.0020 U	0.0124	--	0.00200 U
6/2/03	0.0007 U	0.0039	0.0444	0.0004 U	--	0.0020 U	--	0.0020 U	0.0020 U	0.0312	--	0.00200 U
10/8/03	0.0009 U	0.0020 U	0.0368	0.0016 U	--	0.0007 U	--	0.0005 U	0.0020 U	0.0185	--	0.00200 U
3/23/04	0.0009 U	0.0020 U	0.0406	0.0016 U	--	0.0007 U	--	0.0005 U	0.0005 U	0.0262	--	0.00200 U
9/20/04	0.0028 U	0.0020 U	0.0443	0.0012 U	--	0.0020 U	--	0.0007 U	0.0020 U	0.0348	--	0.00200 U
4/5/05	0.0028 U	0.0020 U	0.0447	0.0012 U	--	0.0020 U	--	0.0007 U	0.0020 U	0.0339	--	0.00200 U
9/21/05	0.0028 U	0.0020 U	0.1167	0.0012 U	--	0.0020	--	0.0007 U	0.0005 U	0.0218	--	0.00200
4/4/06	0.0006 U	0.0020 U	0.0408	0.0007 U	--	0.0020 U	--	0.0020 U	0.0005 U	0.0260	--	0.00200 U
9/25/06	0.0007 U	0.0020 U	0.0441	0.0009 U	--	0.0006 U	--	0.0022	0.0020 U	0.0248	--	0.00070 U
4/17/07	0.0007 U	0.0020 U	0.0432	0.0009 U	0.200 U	--	--	0.0007 U	0.0020 U	0.0227	--	0.00070 U
10/3/07	0.0020 U	0.0020 U	0.0445	0.0009 U	0.155	--	--	0.0026	0.0020 U	0.0261	--	0.00200 U
3/25/08	0.0005 U	0.0020	0.0453	0.0010 U	0.138	--	--	0.0020 U	0.0012 U	0.0300	--	0.00100 U
9/23/08	0.0010 U	0.0040 U	0.0490	0.0020 U	0.400 U	--	--	0.0040 U	0.0024 U	0.0270	--	0.00400 U
3/9/09	0.0010 U	0.0100 U	0.0512	0.0012 U	0.166	--	--	0.0100 U	0.0100 U	0.0288	--	0.01000 U
9/21/09	0.0020 U	0.0036	0.0542	0.0020 U	--	0.0020 U	109.00	0.0021	0.0012 J	0.0328	0.9980	0.00200 U
7/29/10	0.0010 U	0.0012	0.0510	0.0010 U	--	0.0010 U	--	0.0012	0.0011	0.0260	--	0.00100 U
9/15/10	0.0050 U	0.0061	0.0539	0.0050 U	--	0.0050 U	113.00	0.0050 U	0.0050 U	0.0324	1.2400	0.00500 U
4/25/11	0.0050 U	0.0053	0.0579	0.0050 U	--	0.0050 U	117.00 J	0.0050 U	0.0050 U	0.0283	0.6360	0.00500 U
9/15/11	0.0050 U	0.0050 U	0.0555	0.0050 U	--	0.0050 U	118.00	0.0050 U	0.0050 U	0.0236	0.7120	0.00500 U
3/13/12	0.0050 U	0.0105	0.0614	0.0050 U	--	0.0050 U	124.00	0.0050 U	0.0050 U	0.0295	1.1200	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB04A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
9/17/12	0.0050 U	0.0107	0.0553	0.0050 U	--	0.0050 U	118.00	0.0050 U	0.0050 U	0.0256	0.6150	0.00500 U
4/2/13	0.0050 U	0.0105	0.0622	0.0050 U	--	0.0050 U	126.00	0.0050 U	0.0050 U	0.0364	0.8060	0.00500 U
9/16/13	0.0050 U	0.0010 U	0.0580	0.0010 U	--	0.0010 U	110.00	0.0005 J	0.0010 J	0.0260	10.0000 U	0.00100 U
9/18/13	0.0050 U	0.0056	0.0612	0.0050 U	--	0.0050 U	123.00	0.0050 U	0.0050 U	0.0284	0.9320	0.00500 U
9/19/13	0.0050 U	0.0010 U	0.0510	0.0010 U	--	0.0010 U	120.00	0.0010 U	0.0012	0.0200	0.1000 U	0.00100 U
3/13/14	0.0050 U	0.0106	0.0681	0.0050 U	--	0.0050 U	142.00	0.0050 U	0.0050 U	0.0281	1.0500	0.00500 U
9/8/14	0.0050 U	0.0051	0.0681	0.0050 U	--	0.0050 U	121.00	0.0050 U	0.0050 U	0.0291	0.9980	0.00500 U
3/18/15	0.0020 U	0.0082	0.0590	0.0020 U	--	0.0040 U	130.00	0.1500	0.0100 U	0.0300	0.5000	0.00200 U
9/1/15	0.0010 U	0.0067	0.0610	0.0010 U	--	0.0005 U	130.00	0.0050 U	0.0050 U	0.0280	0.0050 U	0.00100 U
3/16/16	0.0020 U	0.0046	0.0686	0.0020 U	--	0.0020 U	129.00	0.0020 U	0.0020 U	0.0280	0.9410	0.00200 U
8/30/16	0.0020 U	0.0048	0.0654	0.0020 U	--	0.0020 U	122.00	0.0020 U	0.0020 U	0.0254	0.8420	0.00200 U
3/6/17	0.0020 U	0.0064	0.0650	0.0020 U	--	0.0020 U	135.00	0.0057	0.0020 U	0.0300	0.8160	0.00200 U
9/12/17	0.0050 U	0.0050 U	0.0722	0.0050 U	--	0.0050 U	139.00	0.0050 U	0.0050 U	0.0357	1.5700	0.00500 U
3/28/18	0.0020 U	0.0098	0.0633	0.0020 U	--	0.0020 U	129.00	0.0087	0.0020 U	0.0238	0.2000 U	0.00200 U
9/6/18	0.0020 U	0.0073	0.0678	0.0020 U	--	0.0020 U	141.00	0.0039	0.0020 U	0.0287	0.0500 U	0.00200 U
4/9/19	0.0010 U	0.0010 U	0.0666	0.0010 U	--	0.0010 U	128.00	0.0023	0.0011	0.0305	0.1430	0.00100 U
8/1/19	0.0010 U	0.0010 U	0.0687	0.0010 U	--	0.0010 U	149.00	0.0028	0.0010	0.0330	0.1000 U	0.00100 U
3/9/20	0.0010 U	0.0010 U	0.0770	0.0010 U	--	0.0010 U	135.00	0.0017	0.0012	0.0327	0.0634 J	0.00100 U
7/27/20	0.0010 U	0.0010 U	0.0749	0.0010 U	--	0.0010 U	127.00	0.0013	0.0011	0.0405	0.0322 J	0.00100 U
3/22/21	0.0010 U	0.0010 U	0.0653	0.0010 U	--	0.0010 U	117.00	0.0013	0.0011	0.0294 QB	0.1090	0.00100 U
8/30/21	0.0010 U	0.0010 U	0.0799	0.0010 U	--	0.0010 U	141.00	0.0011	0.0013	0.0364	0.0469 J	0.00100 U
4/4/22	0.0010 U	0.0010 U	0.0724	0.0010 U	--	0.0010 U	151.00	0.0010 U	0.0014	0.0309	0.0331 J	0.00100 U

Gude Landfill
Monitoring Location OB04A - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002		
4/27/01	--	0.30030	0.000100 U	0.0095	--	0.00500 U	0.0052 U	--	0.0009 U	0.2000 U	0.00060 U
9/4/01	--	0.43090	0.000200	0.0133	--	0.00600	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U
3/12/02	--	0.44300	0.000200 U	0.0137	--	0.01870	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U
9/16/02	--	0.46990	0.000200 U	0.0162	--	0.05310	0.0096 U	--	0.0010 U	0.0020 U	0.00030 U
6/2/03	--	0.54390	0.000200	0.0152	--	0.01460	0.0096 U	--	0.0010 U	0.0008 U	0.00200 U
10/8/03	--	0.49730	0.000200 U	0.0119	--	0.00380	0.0022 U	--	0.0004 U	0.0003 U	0.00040 U
3/23/04	--	0.64480	0.000200 U	0.0138	--	0.00350	0.0022 U	--	0.0004 U	0.0003 U	0.00040 U
9/20/04	--	0.69150	0.000200 U	0.0141	--	0.00700	0.0018 U	--	0.0006 U	0.0003 U	0.00200 U
4/5/05	--	0.69690	0.000200 U	0.0149	--	0.00270	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U
9/21/05	--	0.31690	0.000100 U	0.0103	--	0.00320	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U
4/4/06	--	0.66620	0.000200 U	0.0142	--	0.00530	0.0004 U	--	0.0004 U	0.0050 U	0.00040 U
9/25/06	--	0.65920	0.000200 U	0.0148	--	0.00320	0.0020 U	--	0.0007 U	0.0050 U	0.00070 U
4/17/07	--	--	0.000200 U	0.0152	--	0.00740	0.0005 U	--	0.0007 U	0.0500 U	0.00070 U
10/3/07	--	--	0.000200	0.0157	--	0.00850	0.0020 U	--	0.0007 U	0.0020 U	0.00200 U
3/25/08	--	--	0.000400	0.0164	--	0.00770	0.0026	--	0.0006 U	0.0500 U	0.00060 U
9/23/08	--	--	0.000200	0.0172	--	0.00640	0.0016 U	--	0.0012 U	0.0011 U	0.00120 U
3/9/09	--	--	0.000200	0.0159	--	0.01000 U	0.0043 U	--	0.0008 U	0.0011 U	0.01000 U
9/21/09	71.900	0.96900	0.000300	0.0210	4.930	0.01740	0.0020 U	89.10	0.0020 U	--	0.00070 J
7/29/10	--	--	0.000200	0.0180	--	0.00100 U	0.0009 J	--	0.0010 U	0.0050 U	0.00500 U
9/15/10	80.300	1.13000	0.000200 U	0.0207	4.920	0.02430	0.0050 U	91.90	0.0050 U	--	0.00500 U
4/25/11	94.800	1.12000	0.000200 U	0.0193	5.920	0.02230	0.0050 U	100.00 J	0.0050 U	--	0.00500 U
9/15/11	85.500	1.10000	0.000200 U	--	4.990	0.01610	0.0050 U	91.10	0.0050 U	--	0.00500 U
3/13/12	88.800	1.01000	0.000200 U	0.0217	5.730	0.03730	0.0050 U	95.00	0.0050 U	--	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB04A - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
9/17/12	81.000	1.12000	0.000200 U	0.0252	5.420	0.03910	0.0050 U	89.00	0.0050 U	--	0.00500 U
4/2/13	89.600	1.23000	0.000200 U	0.0256	5.960	0.04340	0.0050 U	100.00	0.0050 U	--	0.00500 U
9/16/13	77.000	1.40000	0.000130 J	--	4.700	0.00100 U	0.0006 J	81.00	0.0010 U	--	0.00500 U
9/18/13	85.500	1.48000	0.000200 U	0.0186	5.150	0.02390	0.0050 U	90.40	0.0050 U	--	0.00500 U
9/19/13	82.000	1.20000	0.000110 J	--	4.400	0.00100 U	0.0010 U	87.00	0.0010 U	--	0.00500 U
3/13/14	98.800	1.32000	0.000200 U	0.0238	5.380	0.03580	0.0050 U	106.00	0.0050 U	--	0.00500 U
9/8/14	85.200	1.58000	0.000200 U	0.0219	5.510	0.02330	0.0050 U	89.60	0.0050 U	--	0.00500 U
3/18/15	89.000	1.60000	0.000200 U	0.0110 U	5.300	0.02800 J	0.0100 U	94.00	0.0020 U	--	0.01000 U
9/1/15	89.000	1.70000	0.000200 U	0.0170	5.900	0.02600	0.0010 U	89.00	0.0010 U	--	0.00500 U
3/16/16	91.100	1.84000	0.000200 U	0.0225	5.740	0.02260	0.0020 U	90.30	0.0010 U	--	0.00200 U
8/30/16	85.100	1.76000	0.000200 U	0.0209	4.970	0.01970	0.0020 U	84.30	0.0010 U	--	0.00200 U
3/6/17	94.500	1.74000	0.000200 U	0.0253	4.960	0.03390	0.0020 U	96.30	0.0010 U	--	0.00425
9/12/17	96.600	1.80000	0.000200 U	0.0225	5.230	0.01570	0.0050 U	97.00	0.0050 U	--	0.00500 U
3/28/18	89.600	1.86000	0.000200 U	0.0220	4.960	0.03020	0.0020 U	92.10	0.0010 U	--	0.00275
9/6/18	94.500	1.96000	0.000200 U	0.0264	4.910	0.02580	0.0020 U	93.20	0.0010 U	--	0.00200 U
4/9/19	98.500	2.42000	0.000100 U	0.0237	6.320	0.00100 U	0.0010 U	108.00	0.0010 U	--	0.00100 U
8/1/19	127.000	3.20000	0.000100 U	0.0260	6.660	0.00100 U	0.0010 U	124.00	0.0010 U	--	0.00100 U
3/9/20	121.000	3.12000	0.000100 U	0.0262	6.420	0.00100 U	0.0010 U	114.00	0.0010 U	--	0.00100 U
7/27/20	110.000	2.84000	0.000100 U	0.0256	6.330	0.00100 U	0.0010 U	105.00	0.0010 U	--	0.00100 U
3/22/21	97.700	2.48000	0.000100 U	0.0237	5.370	0.00100 U	0.0010 U	90.40	0.0010 U	--	0.00100 U
8/30/21	117.000	3.38000	0.000100 U	0.0277	6.150	0.00100 U	0.0010 U	97.90	0.0010 U	--	0.00100 U
4/4/22	112.000	2.98000	0.000100 U	0.0268	5.830	0.00100 U	0.0010 U	98.30	0.0010 U	--	0.00100 U

Gude Landfill
Monitoring Location OB04A - Total Metals

Printed 5/25/22

	Zinc, total (mg/L)
MCL/ GWPS	
4/27/01	--
9/4/01	--
3/12/02	--
9/16/02	--
6/2/03	--
10/8/03	--
3/23/04	--
9/20/04	--
4/5/05	--
9/21/05	--
4/4/06	--
9/25/06	--
4/17/07	0.01660
10/3/07	0.01700
3/25/08	0.02010
9/23/08	0.02730
3/9/09	0.03210
9/21/09	0.02400
7/29/10	0.02800
9/15/10	0.02140
4/25/11	0.02100
9/15/11	0.02040
3/13/12	0.02270

Gude Landfill
Monitoring Location OB04A - Total Metals

Printed 5/25/22

	Zinc, total (mg/L)
9/17/12	0.02220
4/2/13	0.02280
9/16/13	2.00000 U
9/18/13	0.02270
9/19/13	0.02100
3/13/14	0.02390
9/8/14	0.02600
3/18/15	0.02400
9/1/15	0.02300
3/16/16	0.02200
8/30/16	0.01860
3/6/17	0.02180
9/12/17	0.04460
3/28/18	0.01920
9/6/18	0.02520
4/9/19	0.02050 B
8/1/19	0.02630 B
3/9/20	0.02780
7/27/20	0.02470
3/22/21	0.02720
8/30/21	0.02890
4/4/22	0.02710

Gude Landfill
Monitoring Location OB04A - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75
4/27/01	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	1.00 U	1.00 U	1.00 U	10.00 U	0.17 U	1.00 U	0.19 U	10.00 U
9/4/01	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	1.00 U	1.00 U	0.19 U	10.00 U
3/12/02	0.18 U	0.15 U	0.23 U	1.00 U	1.00 U	1.00 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	1.00 U	1.00 U	0.19 U	10.00 U
9/16/02	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	1.00 U	1.00 U	0.19 U	10.00 U
6/2/03	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	1.00 U	1.00 U	0.19 U	10.00 U
10/8/03	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	1.00 U	1.00 U	1.00 U	0.19 U	6.47
3/23/04	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	1.00 U	1.00 U	0.19 U	10.00 U
9/20/04	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	1.00 U	0.33 U	10.00 U
4/5/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/4/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	1.00 U	0.28 U	10.00 U	0.27 U	1.00 U	0.33 U	10.00 U
9/25/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	1.00 U	0.27 U	1.00 U	0.33 U	7.30
4/17/07	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.00 U	1.00 U	0.33 U	10.00 U
10/3/07	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	1.00 U	0.33 U	10.00 U
3/25/08	0.18 U	0.18 U	0.21 U	0.23 U	0.22 U	0.18 U	0.26 U	0.14 U	0.24 U	0.16 U	0.50 U	0.50 U	0.17 U	0.20 U	10.00 U
9/23/08	0.12 U	0.17 U	0.14 U	0.17 U	0.14 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	0.10 U	0.50 U	0.73	0.13 U	4.46
3/9/09	0.12 U	0.17 U	0.14 U	0.17 U	0.50 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	10.00 U	0.50 U	0.80	0.13 U	10.00 U
9/21/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.51 J	1.00 U	0.72 J	1.00 U	7.33
7/29/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	7.00
9/15/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.51 J	2.00 U	4.66

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB04A - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
4/25/11	1.00 U	1.00 U	1.00 U	1.00 U	22.00	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/15/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	0.60	1.00 U	1.00 U	--	7.60
9/17/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.94
4/2/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.06	1.00 U	1.33	1.00 U	15.90
9/18/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.23
3/13/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	7.07
9/8/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.83
3/18/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	7.95
9/1/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	7.66
3/16/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	9.95
8/30/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.69
3/6/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	8.79
9/12/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	8.35
3/28/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	8.89
9/6/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.99
4/9/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.20
8/1/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	8.10
3/9/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	8.40
7/27/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	9.60
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	9.00
8/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	8.00

Gude Landfill
Monitoring Location OB04A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
4/27/01	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
9/4/01	--	0.18 U	--	1.00 U	--	1.56	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	1.00 U	0.20 U	0.23 U
3/12/02	--	0.18 U	--	1.00 U	--	1.81	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	1.00 U	0.20 U	1.00 U
9/16/02	--	0.18 U	--	0.15 U	--	1.00 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	1.00 U	0.20 U	0.23 U
6/2/03	--	0.18 U	--	1.00 U	--	1.48	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	1.00 U	0.20 U	0.23 U
10/8/03	0.58	1.00 U	--	0.15 U	--	1.79	0.20 U	0.18 U	0.14 U	1.00 U	0.38 U	0.15 U	1.00 U	0.20 U	0.23 U
3/23/04	--	0.18 U	--	0.15 U	--	1.64	0.20 U	0.18 U	0.14 U	1.00 U	1.00 U	0.15 U	1.00 U	0.20 U	0.23 U
9/20/04	0.29 U	0.19 U	--	0.39 U	--	1.40	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.00 U	0.31 U	0.27 U
4/5/05	0.29 U	1.00 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/21/05	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/4/06	0.29 U	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.00 U	0.31 U	0.27 U
9/25/06	0.29 U	0.19 U	--	0.39 U	--	1.65	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.08	0.31 U	0.27 U
4/17/07	1.09	0.19 U	--	0.39 U	--	1.72	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.02	0.31 U	0.27 U
10/3/07	0.29 U	0.19 U	--	0.39 U	--	1.83	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.17	0.31 U	0.27 U
3/25/08	--	--	--	--	--	1.40	0.12 U	0.19 U	0.12 U	0.09 U	--	0.13 U	0.98	0.10 U	0.21 U
9/23/08	--	--	--	--	--	1.32	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.82	0.13 U	0.12 U
3/9/09	--	--	--	--	--	1.65	0.14 U	0.11 U	0.16 U	0.50 U	--	0.14 U	1.07	0.13 U	0.50 U
9/21/09	1.00 U	1.00 U	1.00 U	0.35 J	1.00 U	1.68	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	1.14	1.00 U	1.00 U
7/29/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	2.00	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00	1.00 U	1.00 U
9/15/10	0.78 J	2.00 U	2.00 U	18.60	2.00 U	2.45	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	0.87 J	2.00 U	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB04A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
4/25/11	5.00 U	5.00 U	5.00 U	6.60	5.00 U	2.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/15/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U
9/17/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.50	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.56	1.00 U	1.00 U
9/18/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.94	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.57	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.25	1.00 U	1.00 U
9/8/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.70	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.37	1.00 U	1.00 U
3/18/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.97	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.34	1.00 U	1.00 U
9/1/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.86	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.33	1.00 U	1.00 U
3/16/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.15	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.63	1.00 U	1.00 U
8/30/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.42	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.81	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.47	1.00 U	1.00 U
9/12/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.71	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.64	1.00 U	1.00 U
3/28/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.82	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.58	1.00 U	1.00 U
9/6/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.61	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.54	1.00 U	1.00 U
4/9/19	5.00 U	5.00 U	5.00 U	8.10	5.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U	1.00 U
8/1/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.70	1.00 U	1.00 U
3/9/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U
7/27/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.80	1.00 U	1.00 U
3/22/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.70	1.00 U	1.00 U
8/30/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U	1.00 U
4/4/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.90	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location OB04A - Volatile Organic Compounds

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000
4/27/01	0.21 U	4.45	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	0.24 U
9/4/01	0.21 U	23.24	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	8.87	0.27 U	0.21 U	2.06	0.24 U
3/12/02	0.21 U	26.49	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	4.09	0.27 U	0.21 U	3.55	0.24 U
9/16/02	0.21 U	18.02	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	2.30	0.27 U	0.21 U	1.44	1.00 U
6/2/03	0.21 U	19.38	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	0.22 U	1.97	0.27 U	0.21 U	2.37	0.24 U
10/8/03	0.21 U	22.97	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	0.22 U	1.24	0.27 U	0.21 U	0.17 U	1.00 U
3/23/04	1.00 U	18.94	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	2.49	0.27 U	0.21 U	1.01	0.24 U
9/20/04	0.25 U	15.36	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	2.19	0.18 U	0.25 U	1.39	1.00 U
4/5/05	0.25 U	11.88	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	1.84	0.18 U	0.25 U	0.36 U	0.32 U
9/21/05	0.25 U	5.65	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U
4/4/06	0.25 U	12.82	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	1.50	1.00 U	0.25 U	1.45	0.32 U
9/25/06	0.25 U	23.31	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	2.77	0.18 U	0.25 U	1.92	0.32 U
4/17/07	0.25 U	24.08	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	3.31	0.18 U	0.25 U	1.77	0.32 U
10/3/07	0.25 U	26.31	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	2.67	0.18 U	0.25 U	1.65	0.32 U
3/25/08	0.15 U	23.78	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.50 U	2.45	0.22 U	0.20 U	1.42	0.28 U
9/23/08	0.20 U	20.70	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	2.44	0.11 U	0.11 U	1.34	0.50 U
3/9/09	0.20 U	24.40	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	2.98	0.11 U	0.11 U	1.70	0.12 U
9/21/09	1.00 U	21.80	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	3.38	1.00 U	1.00 U	1.23	1.00 U
7/29/10	1.00 U	25.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	4.00	1.00 U	1.00 U	2.00	1.00 U
9/15/10	2.00 U	8.54	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	3.39	2.00 U	2.00 U	0.60 J	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill

Printed 5/25/22

Monitoring Location OB04A - Volatile Organic Compounds

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)
4/25/11	7.50	67.00	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	7.70	--	1.00 U	13.00	1.00 U
9/15/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	4.40	--	1.00 U	1.30	1.00 U
3/13/12	1.00 U	20.00	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.90	1.00 U
9/17/12	1.00 U	16.40	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/13	1.00 U	36.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	6.57	1.00 U	1.00 U	3.36	1.00 U
9/18/13	1.00 U	19.40	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	1.00 U	16.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	2.88	1.00 U	1.00 U	1.35	1.00 U
9/8/14	1.00 U	15.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	2.80	1.00 U	1.00 U	1.14	1.00 U
3/18/15	1.00 U	17.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	2.74	1.00 U	1.00 U	1.39	1.00 U
9/1/15	1.00 U	17.30	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	3.43	1.00 U	1.00 U	1.36	1.00 U
3/16/16	1.00 U	20.20	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	3.85	1.00 U	1.00 U	1.65	1.00 U
8/30/16	1.00 U	15.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	2.98	1.00 U	1.00 U	1.00 U	1.00 U
3/6/17	1.00 U	19.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	3.30	1.00 U	1.00 U	1.29	1.00 U
9/12/17	1.00 U	16.90	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	2.93	1.00 U	1.00 U	1.31	1.00 U
3/28/18	1.00 U	18.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	3.16	1.00 U	1.00 U	1.25	1.00 U
9/6/18	1.00 U	16.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	2.84	1.00 U	1.00 U	1.11	1.00 U
4/9/19	1.00 U	14.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.00	1.00 U	1.00 U	1.10	1.00 U
8/1/19	1.00 U	18.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.40	1.00 U	1.00 U	1.40	1.00 U
3/9/20	1.00 U	20.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00 B	1.00 U	1.00 U	1.40	1.00 U
7/27/20	1.00 U	21.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.90	1.00 U	1.00 U	1.60	2.30
3/22/21	1.00 U	17.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.90	1.00 U	1.00 U	1.30	1.00 U
8/30/21	1.00 U	20.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.40	1.00 U	1.00 U	1.30	1.00 U
4/4/22	1.00 U	16.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.10	1.00 U	1.00 U	1.50	3.70

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill

Printed 5/25/22

Monitoring Location OB04A - Volatile Organic Compounds

	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS	100			5			2	10000
4/27/01	0.22 U	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
9/4/01	1.00 U	0.13 U	0.14 U	2.05	0.18 U	--	--	--
3/12/02	1.00 U	0.13 U	0.14 U	2.97	0.18 U	--	--	--
9/16/02	1.00 U	0.13 U	0.14 U	1.54	0.18 U	--	--	--
6/2/03	1.00 U	0.13 U	0.14 U	1.70	0.18 U	--	--	--
10/8/03	1.00 U	0.13 U	1.00 U	2.19	0.18 U	--	1.68	--
3/23/04	1.00 U	0.13 U	1.00 U	1.94	0.18 U	--	1.29	--
9/20/04	0.45 U	0.24 U	0.30 U	2.02	0.36 U	--	1.49	--
4/5/05	0.45 U	0.24 U	1.00 U	1.53	0.36 U	--	1.43	--
9/21/05	0.45 U	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
4/4/06	0.45 U	0.24 U	0.30 U	1.87	0.36 U	--	1.00 U	--
9/25/06	1.00 U	0.24 U	0.30 U	2.24	0.36 U	--	1.15	--
4/17/07	1.00 U	0.24 U	0.30 U	1.93	0.36 U	--	1.06	--
10/3/07	1.00 U	0.24 U	0.30 U	2.08	0.36 U	--	2.02	--
3/25/08	0.50 U	0.08 U	--	1.96	0.07 U	--	1.37	--
9/23/08	0.50 U	0.13 U	--	1.45	0.10 U	--	1.39	--
3/9/09	0.58	0.13 U	--	1.87	0.10 U	--	1.65	--
9/21/09	0.58 U	1.00 U	1.00 U	1.83	1.00 U	--	2.12	--
7/29/10	1.00 U	1.00 U	5.00 U	2.00	1.00 U	1.00 U	2.00	--
9/15/10	2.00 U	2.00 U	2.00 U	1.07 U	2.00 U	2.00 U	2.78	--

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill

Monitoring Location OB04A - Volatile Organic Compounds

	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
4/25/11	5.40	1.00 U	5.00 U	17.00	3.80	1.00 U	1.00 U	1.00 U
9/15/11	2.20	1.00 U	5.00 U	1.30	1.00 U	1.00 U	1.00 U	1.00 U
3/13/12	1.00 U	1.00 U	5.00 U	1.90	1.00 U	1.00 U	1.00 U	1.00 U
9/17/12	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/2/13	1.22	1.00 U	5.00 U	3.39	1.00 U	5.00 U	4.37	--
9/18/13	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	2.26	--
3/13/14	1.00 U	1.00 U	5.00 U	1.47	1.00 U	5.00 U	1.78	--
9/8/14	1.00 U	1.00 U	5.00 U	1.27	1.00 U	5.00 U	2.35	--
3/18/15	1.00 U	1.00 U	5.00 U	1.47	1.00 U	5.00 U	2.06	--
9/1/15	1.00 U	1.00 U	5.00 U	1.63	1.00 U	5.00 U	1.98	--
3/16/16	1.00 U	1.00 U	5.00 U	1.66	1.00 U	5.00 U	2.40	--
8/30/16	1.00 U	1.00 U	5.00 U	1.37	1.00 U	5.00 U	1.68	--
3/6/17	1.00 U	1.00 U	5.00 U	1.44	1.00 U	5.00 U	2.20	--
9/12/17	1.00 U	1.00 U	5.00 U	1.44	1.00 U	5.00 U	1.91	--
3/28/18	1.00 U	1.00 U	5.00 U	1.49	1.00 U	5.00 U	1.93	--
9/6/18	1.00 U	1.00 U	5.00 U	1.49	1.00 U	5.00 U	1.96	--
4/9/19	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U	1.80	--
8/1/19	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U	2.10	--
3/9/20	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U	2.20	--
7/27/20	1.00 U	1.00 U	1.00 U	1.70	1.00 U	1.00 U	2.50	--
3/22/21	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U	2.50	--
8/30/21	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U	2.30	--
4/4/22	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U	1.70	--

Gude Landfill
Monitoring Location OB04 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/25/11	0.005 U	0.005 U	0.261	0.005 U	0.005 U	160.0	0.01 U	0.01 U	0.036	1.3	0.005 U	80.2	1.950	0.0002 U
9/15/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/13/12	0.005 U	0.010	0.283	0.005 U	0.005 U	169.0	0.01 U	0.01 U	0.036	0.8	0.005 U	94.3	2.220	0.0002 U
9/17/12	0.005 U	0.010	0.271	0.005 U	0.005 U	165.0	0.01 U	0.01 U	0.038	0.6	0.005 U	81.7	2.320	0.0002 U
4/2/13	0.005 U	0.011	0.282	0.005 U	0.005 U	162.0	0.01 U	0.01 U	0.046	0.7	0.005 U	80.0	2.530	0.0002 U
9/18/13	0.005 U	0.005 U	0.260	0.005 U	0.005 U	169.0	0.01 U	0.01 U	0.034	0.7	0.005 U	83.2	2.730	0.0002 U
3/13/14	0.005 U	0.010	0.297	0.005 U	0.005 U	160.0	0.01 U	0.01 U	0.037	0.2 U	0.005 U	78.6	2.750	0.0002 U
9/8/14	0.005 U	0.005 U	0.284	0.005 U	0.005 U	160.0	0.01 U	0.01 U	0.038	1.0	0.005 U	81.7	2.970	0.0002 U
3/18/15	0.002 U	0.006	0.280	0.002 U	0.004 U	180.0	0.01 U	0.01 U	0.034	0.0 U	0.002 U	88.0	2.500	0.0002 U
9/1/15	0.001 U	0.006	0.270	0.001 U	0.001 U	170.0	0.01 U	0.01 U	0.038	0.0 U	0.001 U	84.0	3.200	0.0002 U
3/16/16	0.002 U	0.004	0.304	0.002 U	0.002 U	167.0	0.00 U	0.00 U	0.035	1.0	0.002 U	87.0	3.440	0.0002 U
8/30/16	0.002 U	0.006	0.310	0.002 U	0.002 U	166.0	0.00 U	0.00 U	0.032	0.9	0.002 U	90.6	2.910	0.0002 U
3/6/17	0.002 U	0.006	0.321	0.002 U	0.002 U	176.0	0.01	0.00 U	0.038	0.9	0.002 U	90.7	3.210	0.0002 U
9/12/17	0.002 U	0.004	0.311	0.002 U	0.002 U	169.0	0.00	0.00 U	0.027	0.9	0.002 U	90.0	2.650	0.0002 U
3/28/18	0.002 U	0.009	0.305	0.002 U	0.002 U	165.0	0.01	0.00 U	0.032	0.2 U	0.002 U	85.8	3.120	0.0002 U
9/6/18	0.002 U	0.006	0.305	0.002 U	0.002 U	180.0	0.01	0.00 U	0.037	0.1 U	0.002 U	90.8	3.070	0.0002 U

Gude Landfill

Monitoring Location OB04 - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/25/11	0.01	6.6	0.021	0.01 U	68.8	0.005 U	0.01 U	0.012
9/15/11	0.01	--	--	--	--	--	--	--
3/13/12	0.02	7.4	0.035	0.01 U	79.3	0.005 U	0.01 U	0.009
9/17/12	0.02	7.8	0.039	0.01 U	66.8	0.005 U	0.01 U	0.008
4/2/13	0.02	8.2	0.044	0.01 U	67.3	0.005 U	0.01 U	0.008
9/18/13	0.01	7.4	0.020	0.01 U	65.7	0.005 U	0.01 U	0.008
3/13/14	0.02	6.6	0.035	0.01 U	62.7	0.005 U	0.01 U	0.009
9/8/14	0.01	7.5	0.021	0.01 U	69.4	0.005 U	0.01 U	0.012
3/18/15	0.02	7.3	0.022 J	0.01 U	64.0	0.002 U	0.01 U	0.006 J
9/1/15	0.01 U	8.2	0.026	0.00 U	70.0	0.001 U	0.01 U	0.005
3/16/16	0.01	7.0	0.018	0.00 U	68.3	0.001 U	0.00 U	0.006
8/30/16	0.01	7.4	0.020	0.00 U	69.6	0.001 U	0.00 U	0.006
3/6/17	0.02	7.0	0.030	0.00 U	69.2	0.001 U	0.00	0.008
9/12/17	0.01	6.4	0.017	0.00 U	68.8	0.001 U	0.00 U	0.006
3/28/18	0.02	6.8	0.028	0.00 U	64.8	0.001 U	0.00	0.007
9/6/18	0.02	6.6	0.022	0.00 U	68.1	0.001 U	0.00	0.008

Gude Landfill
Monitoring Location OB04 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
MCL/ GWPS					0.2			10		1				
4/27/01	--	--	--	352.8940	0.001 U	--	--	--	--	--	--	--	--	--
9/4/01	--	--	--	304.6010	0.004	--	--	--	--	--	--	--	--	--
3/12/02	--	--	--	98.9558	0.005	--	--	--	--	--	--	--	--	--
9/16/02	--	--	--	320.1710	0.001 U	--	--	--	--	--	--	--	--	--
6/2/03	--	--	--	337.7240	0.002 U	--	--	--	--	--	--	--	--	0.028
10/8/03	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.029
3/23/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.018
9/20/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.031
4/5/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.019
9/21/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.052
4/4/06	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.026
9/25/06	--	--	--	--	0.002	--	--	--	--	--	--	--	--	0.029
4/17/07	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.034
10/3/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	--
3/25/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/23/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/21/09	221.0	0.33	26.3	412.0000	--	--	670.0	0.2000 U	--	--	--	--	--	--
7/29/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/15/10	255.0	0.51	29.8	424.0000	--	--	680.0	0.2000 U	0.20 U	0.05 U	--	--	--	--

Gude Landfill
Monitoring Location OB04 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
4/25/11	238.0	0.70	30.7	433.0000	--	--	717.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/15/11	242.0	0.67	29.2	416.0000	--	--	705.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/13/12	261.0	0.67	34.1	473.0000	--	--	714.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/17/12	248.0	0.77	26.7	448.0000	--	--	712.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
4/2/13	244.0	0.73	31.3	449.0000	--	0.02	730.0	0.2000 U	0.20 U	0.05 U	380.0	6.22	--	--
9/18/13	249.0	0.67	23.7	455.0000	--	0.03	740.0	0.2000 U	0.20 U	0.05 U	416.0	6.12	--	--
3/13/14	248.0	0.78	34.8	453.0000	--	6.03	742.0	0.2000 U	--	--	419.0	6.17	--	--
9/8/14	265.0	0.94	38.0	462.0000	--	1.75	762.0	0.2000 U	0.20 U	0.05 U	339.0	6.32	--	--
3/18/15	250.0	0.83	33.1	503.0000	--	0.00	764.0	0.2000 U	0.20 U	0.05 U	313.0	6.07	--	--
9/1/15	270.0	1.04	35.0	482.0000	--	1.17	760.0	0.2000 U	0.20 U	0.05 U	254.0	5.99	--	--
3/16/16	249.0	0.79	32.0	496.0000	--	0.00	780.0	0.2000 U	0.20 U	0.05 U	385.0	6.21	--	--
8/30/16	245.0	0.72	39.4	492.0000	--	1.86	760.0	0.2000 U	0.20 U	0.05 U	371.0	5.87	--	--
3/6/17	295.0	1.65	16.6	187.0000	--	--	640.0	0.2000 U	0.20 U	0.05 U	369.0	6.10	--	--
9/12/17	237.0	0.38	34.4	497.0000	--	--	760.0	0.2000 U	0.20 U	0.05 U	398.0	6.04	--	--
3/28/18	229.0	0.52	45.4	527.0000	--	--	930.0	0.2000 U	0.20 U	0.05 U	220.0	6.09	--	--
9/6/18	243.0	0.60	36.4	529.0000	--	--	814.0	0.2000 U	0.20 U	0.05 U	191.0	5.80	--	--
4/9/19	264.0	0.80	47.0	530.0000	--	0.07	745.0 B	1.3000	--	--	137.9	5.89	6.21	--
8/1/19	286.0	0.83	35.3	514.0000	--	0.11	931.0	1.5000	--	--	93.0	5.73	6.19	--
3/9/20	275.0	0.81	36.5	103.0000	--	0.41	875.0	1.1500	--	--	175.2	5.94	6.12	--
7/27/20	277.0	0.88	45.1	497.0000	--	0.53	821.0	0.2000 U	--	--	-60.0	5.93	6.07	--
3/22/21	268.0	0.72	35.7	524.0000	--	0.13	748.0	0.0000	--	--	-92.5	6.21	6.13	--
8/30/21	288.0	0.97	49.4	539.0000	--	0.75	886.0	0.0110 U	--	--	50.4	6.06	6.08	--

Gude Landfill
Monitoring Location OB04 - General Parameters

Printed 5/25/22

Date	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
4/4/22	269.0	0.80	32.2	538.0000	--	1.06	894.0	0.0110 U	--	--	157.5	5.89	6.08	--

Gude Landfill Monitoring Location OB04 - General Parameters

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS										
4/27/01	--	--	--	--	--	--	--	--	0.100	--
9/4/01	--	--	--	--	--	--	--	--	1.200	--
3/12/02	--	--	--	--	--	--	--	--	0.640	--
9/16/02	--	--	--	--	--	--	--	--	4.600	--
6/2/03	--	--	--	--	--	--	0 U	--	2.600	--
10/8/03	--	--	--	--	--	--	0 U	--	--	--
3/23/04	--	--	--	--	--	--	0 U	--	--	--
9/20/04	--	--	--	--	--	--	0 U	--	--	--
4/5/05	--	--	--	--	--	--	0 U	--	--	--
9/21/05	--	--	--	--	--	--	0	--	--	--
4/4/06	--	--	--	--	--	--	0	--	--	--
9/25/06	--	--	--	--	--	--	0	--	--	--
4/17/07	--	--	--	--	--	--	0 U	--	--	--
10/3/07	--	--	--	--	--	--	0 U	--	--	--
3/25/08	--	--	--	--	--	--	0 U	--	--	--
9/23/08	--	--	--	--	--	--	0 U	--	--	--
9/21/09	--	--	18.80	--	--	1348.0	--	--	1.070	--
7/29/10	--	--	--	3.0 U	--	--	--	--	--	--
9/15/10	--	--	28.40	--	--	1760.0	--	--	0.632	--

Gude Landfill

Printed 5/25/22

Monitoring Location OB04 - General Parameters

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
4/25/11	--	--	19.60 J	--	--	1428.0	--	--	0.421	--
9/15/11	--	--	22.30	--	--	1736.0	--	--	--	--
3/13/12	--	--	19.50	--	--	1632.0	--	--	--	--
9/17/12	--	--	18.30	--	--	1432.0	--	--	--	--
4/2/13	2.0	--	16.10	--	15.1	1600.0	--	--	--	0.00
9/18/13	1737.0	--	21.00	--	16.1	1304.0	--	--	--	0.00
3/13/14	1742.0	--	22.80	--	15.0	1256.0	--	--	--	1.02
9/8/14	1840.0	--	27.90	--	15.8	1168.0	--	--	--	0.00
3/18/15	1685.0	--	20.20	--	15.1	1112.0	--	--	--	0.60
9/1/15	1881.0	--	17.90	--	16.4	1142.0	--	--	--	0.00
3/16/16	1835.0	--	21.60	--	14.8	1150.0	--	--	--	0.00
8/30/16	1857.0	--	19.00	--	17.0	1360.0	--	--	--	0.00
3/6/17	1823.0	--	9.87	--	17.9	524.0	--	--	--	0.00
9/12/17	1824.0	--	14.60	--	16.9	1210.0	--	--	--	0.00
3/28/18	1781.0	--	18.10	--	14.1	1320.0	--	--	--	0.00
9/6/18	1992.0	--	18.30	--	19.0	1100.0	--	--	--	6.40
4/9/19	2474.0	2070.0	25.00	--	15.3	1470.0	--	2.6 U	0.500 U	2.00
8/1/19	2.0	2080.0	21.90	--	16.8	1670.0	--	6.0 U	0.500 U	1.60
3/9/20	1989.0	2000.0	19.40	--	16.1	1390.0	--	2.3 U	0.500 U	1.00
7/27/20	2028.0	2160.0	17.70	--	19.6	1220.0	--	2.3 U	0.500 U	1.40
3/22/21	2199.0	2150.0	15.70	--	15.5	1460.0	--	5.7	3.160	1.99
8/30/21	2289.0	2160.0	16.90	--	23.9	1400.0	--	2.3 U	0.572	1.20

Gude Landfill Monitoring Location OB04 - General Parameters

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
4/4/22	1948.0	2213.0	15.80	--	13.9	1280.0	--	5.7	2.670	4.26

Gude Landfill
Monitoring Location OB04 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
4/27/01	0.0007 U	0.0020 U	0.0315	0.0005 U	--	0.0020 U	--	0.0103	0.0007 U	0.0262	--	0.00130 U
9/4/01	0.0020 U	0.0020 U	0.1173	0.0017 U	--	0.0020 U	--	0.0012 U	0.0020 U	0.0114	--	0.00280
3/12/02	0.0005 U	0.0041	0.1226	0.0017 U	--	0.0020 U	--	0.0020 U	0.0020 U	0.0069	--	0.00200 U
9/16/02	0.0007 U	0.0138	0.1375	0.0004 U	--	0.0020 U	--	0.0028	0.0020	0.0096	--	0.00390
6/2/03	0.0007 U	0.0020 U	0.1795	0.0004 U	--	0.0020 U	--	0.0005 U	0.0020 U	0.0108	--	0.00200 U
10/8/03	0.0009 U	0.0008 U	0.1584	0.0016 U	--	0.0007 U	--	0.0005 U	0.0020 U	0.0100 U	--	0.00200 U
3/23/04	0.0009 U	0.0008 U	0.1513	0.0016 U	--	0.0007 U	--	0.0020 U	0.0005 U	0.0100 U	--	0.00200 U
9/20/04	0.0028 U	0.0020 U	0.1513	0.0012 U	--	0.0020 U	--	0.0007 U	0.0020 U	0.0121	--	0.00200 U
4/5/05	0.0028 U	0.0020 U	0.0797	0.0012 U	--	0.0020 U	--	0.0007 U	0.0005 U	0.0157	--	0.00060 U
9/21/05	0.0028 U	0.0020 U	0.0430	0.0012 U	--	0.0020 U	--	0.0007 U	0.0005 U	0.0254	--	0.00200 U
4/4/06	0.0006 U	0.0006 U	0.1065	0.0007 U	--	0.0020 U	--	0.0020 U	0.0005 U	0.0123	--	0.00270
9/25/06	0.0007 U	0.0020 U	0.2328	0.0009 U	--	0.0006 U	--	0.0020 U	0.0020 U	0.0316	--	0.00070 U
4/17/07	0.0007 U	0.0020 U	0.2276	0.0009 U	0.247	--	--	0.0007 U	0.0020 U	0.0323	--	0.00070 U
10/3/07	0.0007 U	0.0020 U	0.2220	0.0009 U	0.206	--	--	0.0020 U	0.0020 U	0.0290	--	0.00070 U
3/25/08	0.0005 U	0.0020 U	0.1991	0.0010 U	0.159	--	--	0.0008 U	0.0012 U	0.0088	--	0.00100 U
9/23/08	0.0010 U	0.0040 U	0.2255	0.0020 U	0.400 U	--	--	0.0016 U	0.0024 U	0.0087	--	0.00400 U
3/9/09	0.0010 U	0.0100 U	0.2468	0.0012 U	0.187	--	--	0.0007 U	0.0007 U	0.0311	--	0.01000 U
9/21/09	0.0020 U	0.0034	0.2610	0.0020 U	--	0.0020 U	154.00	0.0020 U	0.0004 J	0.0344	0.3430	0.00200 U
7/29/10	0.0010 U	0.0014	0.2500	0.0010 U	--	0.0010 U	--	0.0005 J	0.0007 J	0.0400	--	0.00100 U
9/15/10	0.0050 U	0.0055	0.2550	0.0050 U	--	0.0050 U	159.00	0.0050 U	0.0050 U	0.0418	1.2000	0.00500 U
4/25/11	0.0050 U	0.0050 U	0.2640	0.0050 U	--	0.0050 U	154.00 J	0.0050 U	0.0050 U	0.0367	0.5000 U	0.00500 U
9/15/11	0.0050 U	0.0050 U	0.2550	0.0050 U	--	0.0050 U	157.00	0.0050 U	0.0050 U	0.0314	0.9200	0.00500 U
3/13/12	0.0050 U	0.0091	0.2810	0.0050 U	--	0.0050 U	173.00	0.0050 U	0.0050 U	0.0377	0.8040	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB04 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
9/17/12	0.0050 U	0.0086	0.2470	0.0050 U	--	0.0050 U	157.00	0.0050 U	0.0050 U	0.0353	0.8240	0.00500 U
4/2/13	0.0050 U	0.0093	0.2740	0.0050 U	--	0.0050 U	151.00	0.0050 U	0.0050 U	0.0475	0.7510	0.00500 U
9/18/13	0.0050 U	0.0050 U	0.2650	0.0050 U	--	0.0050 U	164.00	0.0050 U	0.0050 U	0.0354	0.7290	0.00500 U
3/13/14	0.0050 U	0.0088	0.2940	0.0050 U	--	0.0050 U	175.00	0.0050 U	0.0050 U	0.0382	0.9210	0.00500 U
9/8/14	0.0050 U	0.0050 U	0.2910	0.0050 U	--	0.0050 U	169.00	0.0050 U	0.0050 U	0.0393	0.9930	0.00500 U
3/18/15	0.0020 U	0.0079	0.2800	0.0020 U	--	0.0040 U	180.00	0.0100 U	0.0100 U	0.0360	0.0050 U	0.00200 U
9/1/15	0.0010 U	0.0054	0.2800	0.0010 U	--	0.0005 U	170.00	0.0050 U	0.0050 U	0.0390	0.0050 U	0.00100 U
3/16/16	0.0020 U	0.0041	0.3090	0.0020 U	--	0.0020 U	170.00	0.0020 U	0.0020 U	0.0360	1.0000	0.00200 U
8/30/16	0.0020 U	0.0042	0.2940	0.0020 U	--	0.0020 U	165.00	0.0020 U	0.0020 U	0.0321	1.0700	0.00200 U
3/6/17	0.0020 U	0.0038	0.4780	0.0020 U	--	0.0020 U	77.20	0.0060	0.0575	0.0057	23.3000	0.00200 U
9/12/17	0.0020 U	0.0037	0.3150	0.0020 U	--	0.0020 U	170.00	0.0032	0.0020 U	0.0278	1.0300	0.00200 U
3/28/18	0.0020 U	0.0094	0.3050	0.0020 U	--	0.0020 U	167.00	0.0074	0.0020 U	0.0312	0.2000 U	0.00200 U
9/6/18	0.0020 U	0.0069	0.3070	0.0020 U	--	0.0020 U	178.00	0.0036	0.0020 U	0.0488	0.0500 U	0.00200 U
4/9/19	0.0010 U	0.0010 U	0.2890	0.0010 U	--	0.0010 U	171.00	0.0010 U	0.0010 U	0.0400	0.1000 U	0.00100 U
8/1/19	0.0010 U	0.0010 U	0.2720	0.0010 U	--	0.0010 U	179.00	0.0044	0.0010 U	0.0391	0.1000 U	0.00100 U
3/9/20	0.0010 U	0.0010 U	0.3090	0.0010 U	--	0.0010 U	163.00	0.0013	0.0010 U	0.0411	0.0279 J	0.00100 U
7/27/20	0.0010 U	0.0010 U	0.2860	0.0010 U	--	0.0010 U	157.00	0.0010 U	0.0010 U	0.0381	0.0165 J	0.00100 U
3/22/21	0.0010 U	0.0010 U	0.2940	0.0010 U	--	0.0010 U	148.00	0.0011	0.0010 U	0.0281 QB	0.1210	0.00100 U
8/30/21	0.0010 U	0.0010 U	0.3050	0.0010 U	--	0.0010 U	173.00	0.0010 U	0.0011	0.0216	0.0569 J	0.00100 U
4/4/22	0.0010 U	0.0010 U	0.3050	0.0010 U	--	0.0010 U	183.00	0.0018	0.0015	0.0522	0.0925 J	0.00100 U

Gude Landfill
Monitoring Location OB04 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002		
4/27/01	--	0.36180	0.000200 U	0.0113	--	0.00500 U	0.0052 U	--	0.0009 U	0.2000 U	0.00060 U
9/4/01	--	0.46530	0.000200	0.0110	--	0.00460	0.0044 U	--	0.0009 U	0.2000 U	0.00200 U
3/12/02	--	0.34140	0.000100 U	0.0112	--	0.01480	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U
9/16/02	--	0.36600	0.000100 U	0.0123	--	0.03840	0.0096 U	--	0.0010 U	0.0020 U	0.00200 U
6/2/03	--	0.24370	0.000200 U	0.0114	--	0.00450	0.0096 U	--	0.0010 U	0.0008 U	0.00200 U
10/8/03	--	0.44490	0.000200 U	0.0090	--	0.00330	0.0022 U	--	0.0004 U	0.0003 U	0.00200 U
3/23/04	--	0.21500	0.000200 U	0.0093	--	0.00300	0.0022 U	--	0.0004 U	0.0003 U	0.00200 U
9/20/04	--	0.64620	0.000100 U	0.0112	--	0.00560	0.0018 U	--	0.0006 U	0.0003 U	0.00200 U
4/5/05	--	0.03060	0.000100 U	0.0064	--	0.00240	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U
9/21/05	--	0.70210	0.000200	0.0146	--	0.00320	0.0018 U	--	0.0006 U	0.0050 U	0.00040 U
4/4/06	--	0.10730	0.000100 U	0.0095	--	0.00470	0.0004 U	--	0.0004 U	0.0050 U	0.00040 U
9/25/06	--	1.20000	0.000200 U	0.0091	--	0.00330	0.0005 U	--	0.0020 U	0.0050 U	0.00070 U
4/17/07	--	--	0.000200 U	0.0105	--	0.00720	0.0005 U	--	0.0007 U	0.0500 U	0.00200 U
10/3/07	--	--	0.000200 U	0.0102	--	0.00700	0.0005 U	--	0.0007 U	0.0020 U	0.00070 U
3/25/08	--	--	0.000200 U	0.0106	--	0.00500	0.0008 U	--	0.0006 U	0.0500 U	0.00060 U
9/23/08	--	--	0.000200 U	0.0118	--	0.00580	0.0016 U	--	0.0012 U	0.0011 U	0.00120 U
3/9/09	--	--	0.000200 U	0.0100 U	--	0.01000 U	0.0043 U	--	0.0008 U	0.0011 U	0.01000 U
9/21/09	75.100	1.32000	0.000200 U	0.0137	6.320	0.01670	0.0020 U	71.00	0.0020 U	--	0.00050 J
7/29/10	--	--	0.000300	0.0110	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00260 J
9/15/10	81.000	1.84000	0.000200 U	0.0145	6.450	0.02190	0.0050 U	73.80	0.0050 U	--	0.00500 U
4/25/11	88.100	1.94000	0.000200 U	0.0132	7.290	0.01930	0.0050 U	74.40	0.0050 U	--	0.00500 U
9/15/11	89.100	2.03000	0.000200 U	--	7.180	0.01440	0.0050 U	74.30	0.0050 U	--	0.00500 U
3/13/12	88.900	2.07000	0.000200 U	0.0168	7.030	0.03200	0.0050 U	73.30	0.0050 U	--	0.00500 U

Gude Landfill
Monitoring Location OB04 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
9/17/12	76.600	2.28000	0.000200 U	0.0188	7.720	0.03210	0.0050 U	63.20	0.0050 U	--	0.00500 U
4/2/13	78.100	2.55000	0.000200 U	0.0203	8.210	0.03700	0.0050 U	66.60	0.0050 U	--	0.00500 U
9/18/13	82.000	2.59000	0.000200 U	0.0128	7.210	0.02120	0.0050 U	64.80	0.0050 U	--	0.00500 U
3/13/14	88.300	2.63000	0.000200 U	0.0174	7.740	0.03030	0.0050 U	71.40	0.0050 U	--	0.00500 U
9/8/14	86.100	2.95000	0.000200 U	0.0149	7.710	0.02080	0.0050 U	73.10	0.0050 U	--	0.00500 U
3/18/15	89.000	2.60000	0.000200 U	0.0110 U	7.400	0.02700 J	0.0100 U	65.00	0.0020 U	--	0.01000 U
9/1/15	86.000	3.10000	0.000200 U	0.0110	8.400	0.02200	0.0010 U	71.00	0.0010 U	--	0.00500 U
3/16/16	87.400	5.14000	0.000200 U	0.0136	6.850	0.01950	0.0020 U	69.30	0.0010 U	--	0.00200 U
8/30/16	86.100	2.85000	0.000200 U	0.0125	6.720	0.01740	0.0020 U	68.10	0.0010 U	--	0.00200 U
3/6/17	47.600	20.90000	0.000200 U	0.0179	5.900	0.00491	0.0020 U	40.60	0.0010 U	--	0.00200 U
9/12/17	91.000	2.62000	0.000200 U	0.0124	6.490	0.01630	0.0020 U	70.00	0.0010 U	--	0.00200 U
3/28/18	86.900	2.94000	0.000200 U	0.0154	6.070	0.02910	0.0020 U	66.40	0.0010 U	--	0.00276
9/6/18	89.800	3.03000	0.000200 U	0.0167	6.620	0.02420	0.0020 U	66.50	0.0010 U	--	0.00200 U
4/9/19	91.300	3.80000	0.000100 U	0.0148	6.860	0.00100 U	0.0010 U	77.10	0.0010 U	--	0.00100 U
8/1/19	118.000	4.14000	0.000100 U	0.0164	6.590	0.00100 U	0.0010 U	76.20	0.0010 U	--	0.00100 U
3/9/20	114.000	4.01000	0.000119	0.0151	7.410	0.00100 U	0.0010 U	83.80	0.0010 U	--	0.00100 U
7/27/20	104.000	4.15000	0.000100 U	0.0140	7.510	0.00100 U	0.0010 U	76.20	0.0010 U	--	0.00100 U
3/22/21	92.100	3.58000	0.000100 U	0.0107	6.720	0.00100 U	0.0010 U	68.60	0.0010 U	--	0.00100 U
8/30/21	110.000	4.42000	0.000100 U	0.0151	7.520	0.00100 U	0.0010 U	77.90	0.0010 U	--	0.00110
4/4/22	106.000	3.96000	0.000303	0.0169	7.240	0.00100 U	0.0010 U	75.20	0.0010 U	--	0.00100 U

Gude Landfill
Monitoring Location OB04 - Total Metals

Printed 5/25/22

	Zinc, total (mg/L)
MCL/ GWPS	
4/27/01	--
9/4/01	--
3/12/02	--
9/16/02	--
6/2/03	--
10/8/03	--
3/23/04	--
9/20/04	--
4/5/05	--
9/21/05	--
4/4/06	--
9/25/06	--
4/17/07	0.00700
10/3/07	0.00580
3/25/08	0.01670
9/23/08	0.02000 U
3/9/09	0.01380
9/21/09	0.01000 U
7/29/10	0.01600
9/15/10	0.00779
4/25/11	0.00828
9/15/11	0.00744
3/13/12	0.00692

Gude Landfill
Monitoring Location OB04 - Total Metals

Printed 5/25/22

	Zinc, total (mg/L)
9/17/12	0.00885
4/2/13	0.00793
9/18/13	0.00797
3/13/14	0.00999
9/8/14	0.01090
3/18/15	0.00640 J
9/1/15	0.00600
3/16/16	0.00558
8/30/16	0.00505
3/6/17	0.01330
9/12/17	0.00597
3/28/18	0.00596
9/6/18	0.00957
4/9/19	0.00796 B
8/1/19	0.00755 B
3/9/20	0.00777
7/27/20	0.00406
3/22/21	0.00665
8/30/21	0.00400 U
4/4/22	0.01190

Gude Landfill

Printed 5/25/22

Monitoring Location OB04 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200		5		7				0.2	0.05	600	5	5		75
4/27/01	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	1.00 U	1.00 U	0.19 U	10.00 U
9/4/01	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	1.00 U	0.19 U	10.00 U
3/12/02	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	0.14 U	1.00 U	10.00 U	0.17 U	1.00 U	0.19 U	10.00 U
9/16/02	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	1.00 U	0.19 U	10.00 U
6/2/03	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	1.00 U	0.19 U	10.00 U
10/8/03	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	1.00 U	1.00 U	1.00 U	0.19 U	1.98
3/23/04	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/20/04	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	1.00 U	0.33 U	10.00 U
4/5/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	1.00 U	0.33 U	10.00 U
4/4/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	--	0.27 U	0.34 U	0.33 U	--
9/25/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	1.00 U	0.33 U	10.00 U
4/17/07	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.00 U	1.00 U	0.33 U	10.00 U
10/3/07	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.00 U	1.00 U	0.33 U	10.00 U
3/25/08	0.18 U	0.18 U	0.21 U	0.23 U	0.22 U	0.18 U	0.26 U	0.14 U	0.24 U	0.16 U	0.25 U	0.18 U	0.17 U	0.20 U	10.00 U
9/23/08	0.12 U	0.17 U	0.14 U	0.17 U	0.14 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	0.50 U	0.13 U	0.55	0.13 U	10.00 U
3/9/09	0.12 U	0.17 U	0.14 U	0.17 U	0.50 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	10.00 U	0.50 U	0.66	0.13 U	10.00 U
9/21/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.40 J	1.00 U	1.00 U	1.00 U	6.06
7/29/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.00
9/15/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.91

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill

Printed 5/25/22

Monitoring Location OB04 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)	
4/25/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/15/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/13/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	0.37	1.00 U	1.00 U	--	5.90	
9/17/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.70
4/2/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.01	1.00 U	1.15	1.00 U	14.70	
9/18/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.20
3/13/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	5.82
9/8/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.31
3/18/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.97
9/1/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.85
3/16/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	7.55
8/30/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.38
3/6/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.46
3/28/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.90
9/6/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.26
4/9/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.40
8/1/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.10
3/9/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.00
7/27/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.90
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.30
8/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.40
4/4/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.60

Gude Landfill
Monitoring Location OB04 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
4/27/01	--	0.18 U	--	0.15 U	--	1.39	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	1.00 U	0.20 U	0.23 U
9/4/01	--	0.18 U	--	0.15 U	--	1.00 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
3/12/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
9/16/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
6/2/03	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	1.19	0.15 U	0.28 U	0.20 U	0.23 U
10/8/03	0.72	1.00 U	--	0.15 U	--	1.00 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	1.00 U	0.20 U	0.23 U
3/23/04	3.92	1.00 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	1.00 U	1.00 U	0.15 U	0.28 U	0.20 U	0.23 U
9/20/04	0.29 U	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/5/05	11.51	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/21/05	1.00 U	0.19 U	--	0.39 U	--	1.33	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.00 U	0.31 U	0.27 U
4/4/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/25/06	1.00 U	0.19 U	--	0.39 U	--	1.65	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.11	0.31 U	0.27 U
4/17/07	0.29 U	0.19 U	--	0.39 U	--	1.70	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.05	0.31 U	0.27 U
10/3/07	1.00 U	0.19 U	--	0.39 U	--	1.85	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.19	0.31 U	0.27 U
3/25/08	--	--	--	--	--	0.50 U	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	0.50 U	0.10 U	0.21 U
9/23/08	--	--	--	--	--	1.21	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.58	0.13 U	0.12 U
3/9/09	--	--	--	--	--	1.68	0.14 U	0.11 U	0.16 U	0.50 U	--	0.14 U	0.92	0.13 U	0.50 U
9/21/09	1.00 U	1.00 U	1.00 U	0.18 J	1.00 U	1.62	1.00 U	1.00 U	1.00 U	0.22 J	2.50 U	1.00 U	1.09	1.00 U	1.00 U
7/29/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	2.00	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00	1.00 U	1.00 U
9/15/10	0.65 J	2.00 U	2.00 U	11.90	2.00 U	2.04	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	0.90 J	2.00 U	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB04 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
4/25/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/15/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U
9/17/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.73	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.85	1.00 U	1.00 U
9/18/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.54	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.61	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.38	1.00 U	1.00 U
9/8/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.73	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.39	1.00 U	1.00 U
3/18/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.98	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.56	1.00 U	1.00 U
9/1/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.86	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.53	1.00 U	1.00 U
3/16/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.12	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.70	1.00 U	1.00 U
8/30/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.70	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.30	1.00 U	1.00 U
3/6/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.77	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.33	1.00 U	1.00 U
9/12/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.68	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.66	1.00 U	1.00 U
3/28/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.80	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.66	1.00 U	1.00 U
9/6/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.61	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.44	1.00 U	1.00 U
4/9/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U	1.00 U
8/1/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.90	1.00 U	1.00 U
3/9/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.70	1.00 U	1.00 U
7/27/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.90	1.00 U	1.00 U
3/22/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U	1.00 U
8/30/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.70	1.00 U	1.00 U
4/4/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.90	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB04 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
4/27/01	0.21 U	18.27	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	2.26	0.27 U	0.21 U	1.22	0.24 U	1.00 U
9/4/01	0.21 U	9.92	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	2.00	0.27 U	0.21 U	1.91	0.24 U	1.00 U
3/12/02	0.21 U	5.41	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	1.00 U	0.27 U	0.21 U	4.08	0.24 U	1.00 U
9/16/02	0.21 U	4.87	0.19 U	0.17 U	0.26 U	0.28 U	1.00 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.33	0.24 U	0.22 U
6/2/03	0.21 U	4.85	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.96	0.24 U	0.22 U
10/8/03	0.21 U	11.27	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	3.16	1.00 U	1.00 U
3/23/04	1.00 U	3.94	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
9/20/04	0.25 U	9.25	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.52	0.32 U	0.45 U
4/5/05	0.25 U	1.38	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
9/21/05	0.25 U	18.27	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	2.53	0.18 U	0.25 U	1.15	1.00 U	0.45 U
4/4/06	0.25 U	2.59	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
9/25/06	0.25 U	18.58	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	1.48	0.18 U	0.25 U	2.23	0.32 U	1.00 U
4/17/07	0.25 U	18.76	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	1.60	0.18 U	0.25 U	1.93	0.32 U	1.00 U
10/3/07	0.25 U	20.95	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	1.42	0.18 U	0.25 U	2.07	0.32 U	1.00 U
3/25/08	0.15 U	6.45	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.15 U	0.12 U	0.22 U	0.20 U	0.65	0.28 U	0.22 U
9/23/08	0.20 U	15.43	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	1.34	0.92	0.50 U
3/9/09	0.20 U	18.92	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	1.42	0.11 U	0.11 U	1.99	0.12 U	0.50 U
9/21/09	1.00 U	17.00	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	1.93	1.00 U	1.00 U	1.25	1.00 U	0.47 J
7/29/10	1.00 U	20.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	2.00	1.00 U	1.00 U	2.00	1.00 U	1.00 U
9/15/10	2.00 U	8.32	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	1.03 J	2.00 U	2.00 U	0.70 J	2.00 U	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB04 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
4/25/11	1.00 U	11.00	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	2.00	--	1.00 U	1.00 U	1.00 U	1.00 U
9/15/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
3/13/12	1.00 U	14.00	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00	1.00 U	1.00 U
9/17/12	1.00 U	12.40	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/13	1.00 U	27.70	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	3.48	1.00 U	1.00 U	3.93	1.00 U	1.00 U
9/18/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.73	1.00 U	1.00 U	1.24	1.00 U	1.00 U
3/13/14	1.00 U	12.40	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.65	1.00 U	1.00 U	1.63	1.00 U	1.00 U
9/8/14	1.00 U	12.40	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.66	1.00 U	1.00 U	1.39	1.00 U	1.00 U
3/18/15	1.00 U	13.20	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	2.06	1.00 U	1.00 U	1.59	1.00 U	1.00 U
9/1/15	1.00 U	13.30	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.80	1.00 U	1.00 U	1.45	1.00 U	1.00 U
3/16/16	1.00 U	15.30	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	2.13	1.00 U	1.00 U	1.83	1.00 U	1.00 U
8/30/16	1.00 U	13.40	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.80	1.00 U	1.00 U	1.27	1.00 U	1.00 U
3/6/17	1.00 U	14.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.96	1.00 U	1.00 U	1.36	1.00 U	1.00 U
9/12/17	1.00 U	13.70	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	2.03	1.00 U	1.00 U	1.35	1.00 U	1.00 U
3/28/18	1.00 U	14.70	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	2.05	1.00 U	1.00 U	1.53	1.00 U	1.00 U
9/6/18	1.00 U	12.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.76	1.00 U	1.00 U	1.38	1.00 U	1.00 U
4/9/19	1.00 U	11.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.10	1.00 U	1.00 U	1.30	1.00 U	1.00 U
8/1/19	1.00 U	13.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00	1.00 U	1.00 U	1.30	1.00 U	1.00 U
3/9/20	1.00 U	14.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.30 B	1.00 U	1.00 U	1.40	1.00 U	1.00 U
7/27/20	1.00 U	16.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.20	1.00 U	1.00 U	1.70	1.00 U	1.00 U
3/22/21	1.00 U	12.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U
8/30/21	1.00 U	13.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U
4/4/22	1.00 U	22.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.50	1.00 U	1.00 U	1.40	1.00 U	1.00 U

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Gude Landfill
Monitoring Location OB04 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
4/27/01	0.13 U	0.14 U	1.89	0.18 U	--	--	--
9/4/01	0.13 U	0.14 U	1.59	0.18 U	--	--	--
3/12/02	0.13 U	0.14 U	2.70	0.18 U	--	--	--
9/16/02	0.13 U	0.14 U	1.15	0.18 U	--	--	--
6/2/03	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
10/8/03	0.13 U	0.14 U	1.55	0.18 U	--	0.66	--
3/23/04	0.13 U	0.14 U	1.00 U	0.18 U	--	0.05	--
9/20/04	0.24 U	0.30 U	1.88	0.36 U	--	1.00 U	--
4/5/05	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
9/21/05	0.24 U	0.30 U	1.71	0.36 U	--	1.57	--
4/4/06	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
9/25/06	0.24 U	0.30 U	2.19	0.36 U	--	1.33	--
4/17/07	0.24 U	0.30 U	1.82	0.36 U	--	1.23	--
10/3/07	0.24 U	0.30 U	2.12	0.36 U	--	1.70	--
3/25/08	0.08 U	--	0.92	0.07 U	--	0.22 U	--
9/23/08	0.13 U	--	1.40	0.10 U	--	0.81	--
3/9/09	0.13 U	--	1.82	0.10 U	--	1.47	--
9/21/09	1.00 U	1.00 U	1.66	1.00 U	--	1.53	--
7/29/10	1.00 U	5.00 U	2.00	1.00 U	1.00 U	2.00	--
9/15/10	2.00 U	2.00 U	1.08 J	2.00 U	2.00 U	2.16	--

Gude Landfill
Monitoring Location OB04 - Volatile Organic Compounds

Printed 5/25/22

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
4/25/11	1.00 U	5.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U
9/15/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/12	1.00 U	5.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U
9/17/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/2/13	1.00 U	5.00 U	3.42	1.00 U	5.00 U	3.03	--
9/18/13	1.00 U	5.00 U	1.76	1.00 U	5.00 U	1.71	--
3/13/14	1.00 U	5.00 U	1.38	1.00 U	5.00 U	1.40	--
9/8/14	1.00 U	5.00 U	1.35	1.00 U	5.00 U	1.49	--
3/18/15	1.00 U	5.00 U	1.36	1.00 U	5.00 U	1.57	--
9/1/15	1.00 U	5.00 U	1.49	1.00 U	5.00 U	1.41	--
3/16/16	1.00 U	5.00 U	1.57	1.00 U	5.00 U	1.68	--
8/30/16	1.00 U	5.00 U	1.30	1.00 U	5.00 U	1.35	--
3/6/17	1.00 U	5.00 U	1.54	1.00 U	5.00 U	1.46	--
9/12/17	1.00 U	5.00 U	1.19	1.00 U	5.00 U	1.36	--
3/28/18	1.00 U	5.00 U	1.35	1.00 U	5.00 U	1.39	--
9/6/18	1.00 U	5.00 U	1.30	1.00 U	5.00 U	1.41	--
4/9/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30	--
8/1/19	1.00 U	1.00 U	1.30	1.00 U	1.00 U	1.40	--
3/9/20	1.00 U	1.00 U	1.30	1.00 U	1.00 U	1.50	--
7/27/20	1.00 U	1.00 U	1.30	1.00 U	1.00 U	1.70	--
3/22/21	1.00 U	1.00 U	1.50	1.00 U	1.00 U	1.40	--
8/30/21	1.00 U	1.00 U	1.20	1.00 U	1.00 U	1.40	--
4/4/22	1.00 U	1.00 U	1.50	1.00 U	1.00 U	2.70	--

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB06 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/19/11	0.005 U	0.005 U	0.180	0.005 U	0.005 U	122.0	0.01 U	0.01	0.008	0.7	0.005 U	49.1	0.462	0.0002 U
9/7/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/6/12	0.005 U	0.005 U	0.184	0.005 U	0.005 U	145.0	0.01 U	0.01	0.009	0.7	0.005 U	60.4	0.517	0.0002 U
9/11/12	0.005 U	0.005 U	0.181	0.005 U	0.005 U	148.0	0.01 U	0.01 U	0.006	0.6	0.005 U	64.9	0.469	0.0002 U
3/27/13	0.005 U	0.005 U	0.188	0.005 U	0.005 U	139.0	0.01 U	0.01 U	0.016	0.9	0.005 U	56.3	0.474	0.0002 U
9/12/13	0.005 U	0.005 U	0.180	0.005 U	0.005 U	144.0	0.01 U	0.01 U	0.007	0.6	0.005 U	57.8	0.489	0.0002 U
9/16/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/19/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/24/14	0.005 U	0.005 U	0.190	0.005 U	0.005 U	144.0	0.01 U	0.01 U	0.007	0.9	0.005 U	60.2	0.522	0.0002 U
9/2/14	0.005 U	0.005 U	0.194	0.005 U	0.005 U	137.0	0.01 U	0.01 U	0.008	0.8	0.005 U	57.0	0.504	0.0002 U
3/17/15	0.002 U	0.005	0.170	0.002 U	0.004 U	150.0	0.01 U	0.01 U	0.004 J	0.0 U	0.002 U	57.0	0.470	0.0002 U
9/9/15	0.001 U	0.005	0.170	0.001 U	0.001 U	140.0	0.01 U	0.01 U	0.005 U	0.0 U	0.001 U	59.0	0.570	0.0002 U
3/17/16	0.002 U	0.003	0.192	0.002 U	0.002 U	140.0	0.00 U	0.00	0.005	0.9	0.002 U	58.4	0.560	0.0002 U
8/31/16	0.002 U	0.004	0.204	0.002 U	0.002 U	140.0	0.00 U	0.00	0.005	0.8	0.002 U	59.4	0.576	0.0002 U
3/7/17	0.002 U	0.005	0.180	0.002 U	0.002 U	149.0	0.01	0.00	0.013	0.9	0.002 U	61.8	0.575	0.0002 U
9/11/17	0.002 U	0.002	0.194	0.002 U	0.002 U	147.0	0.00	0.00	0.004	0.7	0.002 U	61.5	0.566	0.0002 U
4/4/18	0.002 U	0.005	0.185	0.002 U	0.002 U	145.0	0.01	0.00	0.004	0.1 U	0.002 U	58.6	0.510	0.0002 U
9/4/18	0.002 U	0.004	0.176	0.002 U	0.002 U	150.0	0.01	0.00	0.004	0.1 U	0.002 U	58.8	0.481	0.0002 U

Gude Landfill
Monitoring Location OB06 - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/19/11	0.01	4.6	0.015	0.01 U	70.3	0.005 U	0.01 U	0.024
9/7/11	0.01	--	--	--	--	--	--	--
3/6/12	0.02	4.6	0.012	0.01 U	78.7	0.005 U	0.01 U	0.022
9/11/12	0.02	4.8	0.016	0.01 U	95.8	0.005 U	0.01 U	0.018
3/27/13	0.01	6.3	0.016	0.01 U	92.5	0.005 U	0.01 U	0.020
9/12/13	0.01	4.7	0.013	0.01 U	93.4	0.005 U	0.01 U	0.018
9/16/13	0.01	--	--	--	--	--	--	--
9/19/13	0.01	--	--	--	--	--	--	--
3/24/14	0.01	4.8	0.012	0.01 U	104.0	0.005 U	0.01 U	0.019
9/2/14	0.01	4.4	0.015	0.01 U	93.5	0.005 U	0.01 U	0.026
3/17/15	0.01	4.3	0.015 J	0.01 U	100.0	0.002 U	0.01 U	0.016
9/9/15	0.01 U	4.9	0.016	0.00 U	110.0	0.001 U	0.01 U	0.015
3/17/16	0.01	4.2	0.012	0.00 U	114.0	0.001 U	0.00 U	0.013
8/31/16	0.01	4.5	0.015	0.00 U	113.0	0.001 U	0.00 U	0.012
3/7/17	0.02	4.2	0.020	0.00 U	126.0	0.001 U	0.00	0.015
9/11/17	0.01	4.3	0.010	0.00 U	127.0	0.001 U	0.00 U	0.012
4/4/18	0.01	4.4	0.015	0.00 U	131.0	0.001 U	0.00	0.011
9/4/18	0.01	4.8	0.016	0.00 U	129.0	0.001 U	0.00 U	0.013

Gude Landfill
Monitoring Location OB06 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
MCL/ GWPS					0.2			10		1				
4/27/01	--	--	--	348.9380	0.001 U	--	--	--	--	--	--	--	--	--
9/4/01	--	--	--	301.1230	0.003	--	--	--	--	--	--	--	--	--
3/12/02	--	--	--	307.3560	0.001 U	--	--	--	--	--	--	--	--	--
9/16/02	--	--	--	312.7100	0.001 U	--	--	--	--	--	--	--	--	--
6/2/03	--	--	--	--	0.012	--	--	--	--	--	--	--	--	0.028
10/8/03	--	--	--	--	0.012	--	--	--	--	--	--	--	--	0.023
3/24/04	--	--	--	--	0.009	--	--	--	--	--	--	--	--	0.025
9/21/04	--	--	--	--	0.007	--	--	--	--	--	--	--	--	0.028
4/6/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.017
9/21/05	--	--	--	--	0.009	--	--	--	--	--	--	--	--	0.027
4/5/06	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.026
9/26/06	--	--	--	--	0.001	--	--	--	--	--	--	--	--	0.028
4/18/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.030
10/2/07	--	--	--	--	0.010 U	--	--	--	--	--	--	--	--	0.055
3/25/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/23/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/21/09	150.0	0.20 U	68.0	356.0000	--	--	580.0	0.6869	--	--	--	--	--	--
7/26/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/20/10	220.0	0.20 U	31.5	360.0000	--	--	550.0	0.8700	1.06	0.19	--	--	--	--

Gude Landfill
Monitoring Location OB06 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
4/19/11	145.0	0.39	38.9	356.0000	--	--	553.0	0.7580	0.93	0.17	--	--	--	--
9/7/11	156.0	0.20 U	32.9	350.0000	--	--	552.0	0.7860	0.99	0.20	--	--	--	--
3/6/12	175.0	0.20 U	44.0	383.0000	--	--	582.0	0.7080	0.91	0.20	--	--	--	--
9/11/12	161.0	0.20 U	38.1	374.0000	--	--	566.0	0.6740	0.86	0.19	--	--	--	--
3/27/13	178.0	0.20 U	43.0	382.0000	--	0.06	582.0	0.5540	0.75	0.20	450.0	6.03	--	--
9/12/13	188.0	0.20 U	36.2	376.0000	--	0.04	584.0	0.5590	0.75	0.19	386.0	5.70	--	--
9/16/13	--	--	--	--	--	0.59	580.0	--	--	--	122.1	5.75	--	--
9/19/13	--	--	--	--	--	0.34	580.0	--	--	--	222.8	5.65	--	--
3/24/14	203.0	0.20 U	44.6	373.0000	--	0.04	632.0	0.4860	--	--	402.0	5.96	--	--
9/2/14	182.0	0.20 U	41.5	365.0000	--	1.21	584.0	0.6090	0.80	0.19	356.0	5.94	--	--
3/17/15	197.0	0.20 U	43.2	372.0000	--	0.00	586.0	0.5900	0.78	0.19	350.0	6.31	--	--
9/9/15	220.0	0.20 U	48.4	365.0000	--	--	572.0	0.5350	0.71	0.18	292.0	5.87	--	--
3/17/16	231.0	0.20 U	29.5	382.0000	--	0.00	576.0	0.4100	0.59	0.18	381.0	6.24	--	--
8/31/16	244.0	0.20 U	43.3	384.0000	--	--	560.0	0.3640	0.51	0.15	373.0	6.07	--	--
3/7/17	296.0	0.20 U	42.2	376.0000	--	--	592.0	0.2880	0.41	0.13	383.0	6.00	--	--
9/11/17	275.0	0.20 U	48.2	352.0000	--	0.98	670.0	0.2600	0.37	0.11	408.0	6.12	--	--
4/4/18	283.0	0.20 U	58.0	381.0000	--	--	588.0	0.2000 U	0.26	0.08	211.0	6.00	--	--
9/4/18	294.0	0.20 U	49.2	379.0000	--	--	307.0	0.2000 U	0.24	0.06	213.0	5.94	--	--
4/8/19	289.0	0.10 U	51.9	358.0000	--	0.77	600.0 B	0.2000 U	--	--	132.8	6.01	6.14	--
7/30/19	213.0	0.10 U	55.0	344.0000	--	0.73	586.0 B	0.2000 U	--	--	199.9	5.91	6.14	--
3/2/20	308.0	0.10 U	44.4	383.0000	--	0.47	554.0	0.3300	--	--	178.5	5.97	6.23	--
7/29/20	298.0	0.10 U	53.5	345.0000	--	1.16	584.0	0.2200	--	--	171.9	5.85	6.11	--

Gude Landfill
Monitoring Location OB06 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
3/29/21	317.0	0.10 U	42.7	359.0000	--	0.46	544.0	0.2030	--	--	201.2	6.01	6.24	--
9/7/21	332.0	0.05 U	57.7	350.0000	--	0.78	573.0	0.1680	--	--	185.9	6.15	6.14	--
3/29/22	334.0	0.04	42.5	337.0000	--	1.32	632.0	0.1310	--	--	145.6	5.98	6.20	--

Gude Landfill
Monitoring Location OB06 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS										
4/27/01	--	--	--	--	--	--	--	--	1.600	--
9/4/01	--	--	--	--	--	--	--	--	3.400	--
3/12/02	--	--	--	--	--	--	--	--	2.430	--
9/16/02	--	--	--	--	--	--	--	--	3.100	--
6/2/03	--	--	--	--	--	--	0 U	--	1.700	--
10/8/03	--	--	--	--	--	--	0 U	--	--	--
3/24/04	--	--	--	--	--	--	0 U	--	--	--
9/21/04	--	--	--	--	--	--	0 U	--	--	--
4/6/05	--	--	--	--	--	--	0 U	--	--	--
9/21/05	--	--	--	--	--	--	0	--	--	--
4/5/06	--	--	--	--	--	--	0 U	--	--	--
9/26/06	--	--	--	--	--	--	0	--	--	--
4/18/07	--	--	--	--	--	--	0	--	--	--
10/2/07	--	--	--	--	--	--	0 U	--	--	--
3/25/08	--	--	--	--	--	--	0 U	--	--	--
9/23/08	--	--	--	--	--	--	0 U	--	--	--
9/21/09	--	--	82.90	--	--	1116.0	--	--	21.700	--
7/26/10	--	--	--	3.0 U	--	--	--	--	--	--
9/20/10	--	--	81.70	--	--	1784.0	--	--	3329.000	--

Gude Landfill

Printed 5/25/22

Monitoring Location OB06 - General Parameters

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
4/19/11	--	--	85.70	--	--	1192.0	--	--	3800.000	--
9/7/11	--	--	93.70	--	--	960.0	--	--	--	--
3/6/12	--	--	76.80	--	--	1156.0	--	--	--	--
9/11/12	--	--	89.60	--	--	1224.0	--	--	--	--
3/27/13	1.2	--	86.50	--	12.5	1124.0	--	--	--	44.60
9/12/13	1537.0	--	101.00	--	13.5	1150.0	--	--	--	38.50
9/16/13	1.0	--	--	--	12.9	--	--	--	4.300	7.93
9/19/13	1.4	--	--	--	10.4	--	--	--	1.400	11.70
3/24/14	1567.0	--	89.80	--	12.9	982.0	--	--	--	206.00
9/2/14	1490.0	--	92.60	--	14.2	1034.0	--	--	--	58.90
3/17/15	313.4	--	89.90	--	12.6	970.0	--	--	--	35.50
9/9/15	1618.0	--	102.00	--	15.7	913.0	--	--	--	36.40
3/17/16	1625.0	--	99.30	--	14.1	979.0	--	--	--	20.10
8/31/16	1670.0	--	102.00	--	18.3	1080.0	--	--	--	66.90
3/7/17	1615.0	--	91.50	--	13.6	919.0	--	--	--	40.10
9/11/17	1803.0	--	99.40	--	13.8	1020.0	--	--	--	29.60
4/4/18	1668.0	--	74.20	--	12.3	1010.0	--	--	--	38.90
9/4/18	1832.0	--	82.70	--	24.4	1110.0	--	--	--	149.80
4/8/19	2099.0	1760.0	99.60	--	14.0	1140.0	--	22.3	9.110	29.90
7/30/19	1479.0	1720.0	124.00	--	14.6	1150.0	--	16.3	8.590	9.70
3/2/20	1618.0	1770.0	114.00	--	14.3	1040.0	--	21.2	11.400	11.40
7/29/20	1531.0	1840.0	96.20	--	16.4	1060.0	--	105.0	21.100	58.10

Gude Landfill
Monitoring Location OB06 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
3/29/21	1581.0	1860.0	106.00	--	13.9	1020.0	--	33.9	6.750	31.70
9/7/21	1589.0	1820.0	102.00	--	15.3	1040.0	--	250.0	38.900	64.20
3/29/22	1500.0	1825.0	99.60	--	11.4	1020.0	--	138.0	73.500	75.13

Gude Landfill
Monitoring Location OB06 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
4/27/01	0.0005 U	0.0020 U	0.1469	0.0017 U	--	0.0020 U	--	0.0037	0.0026	0.0085	--	0.00200 U
9/4/01	0.0020 U	0.0020	0.1568	0.0017 U	--	0.0020 U	--	0.0012 U	0.0030	0.0089	--	0.00200 U
3/12/02	0.0005 U	0.0038	0.1545	0.0017 U	--	0.0020 U	--	0.0020 U	0.0029	0.0082	--	0.00200 U
9/16/02	0.0007 U	0.0125	0.1651	0.0004 U	--	0.0020	--	0.0043	0.0032	0.0098	--	0.00230
6/2/03	0.0014 U	0.0040 U	0.2120	0.0008 U	--	0.0040 U	--	0.0010 U	0.0045	0.0094	--	0.00400 U
10/8/03	0.0009 U	0.0020 U	0.1657	0.0016 U	--	0.0007 U	--	0.0005 U	0.0032	0.0100 U	--	0.00200 U
3/24/04	0.0009 U	0.0020 U	0.1792	0.0016 U	--	0.0007 U	--	0.0005 U	0.0043	0.0100 U	--	0.00200 U
9/21/04	0.0028 U	0.0020 U	0.1979	0.0012 U	--	0.0020 U	--	0.0020 U	0.0043	0.0125	--	0.00200 U
4/6/05	0.0028 U	0.0020 U	0.2335	0.0012 U	--	0.0020 U	--	0.0020 U	0.0039	0.0138	--	0.00060 U
9/21/05	0.0033	0.0020 U	0.1901	0.0012 U	--	0.0020 U	--	0.0020 U	0.0050	0.0204	--	0.00280
4/5/06	0.0012 U	0.0040 U	0.2245	0.0014 U	--	0.0040 U	--	0.0040 U	0.0047	0.0082	--	0.00200
9/26/06	0.0007 U	0.0030	0.2017	0.0009 U	--	0.0020 U	--	0.0104	0.0063	0.0192	--	0.00480
4/18/07	0.0034	0.0027	0.1950	0.0009 U	0.027	--	--	0.0020 U	0.0049	0.0083	--	0.00200 U
10/2/07	0.0070 U	0.0080 U	0.4262	0.0090 U	0.200 U	--	--	0.0768	0.0251	0.1077	--	0.04910
3/25/08	0.0005 U	0.0027	0.1607	0.0010 U	0.067	--	--	0.0020 U	0.0052	0.0096	--	0.00200 U
9/23/08	0.0010 U	0.0040 U	0.1700	0.0020 U	0.078	--	--	0.0016 U	0.0052	0.0101	--	0.00400 U
3/10/09	0.0010 U	0.0100 U	0.1941	0.0012 U	0.133	--	--	0.0127	0.0100 U	0.0117	--	0.01000 U
9/21/09	0.0020 U	0.0032	0.1960	0.0020 U	--	0.0020 U	148.00	0.0021	0.0059	0.0116	1.7000	0.00200 U
7/26/10	0.0010 U	0.0037	0.2200	0.0008 J	--	0.0010 U	--	0.0250	0.0094	0.0430	--	0.01500
9/20/10	0.0050 U	0.0067	0.5070	0.0050 U	--	0.0050 U	126.00	0.1270	0.0326	0.2070	111.0000	0.05030
4/19/11	0.0050 U	0.0050 U	0.5360	0.0050 U	--	0.0050 U	145.00 J	0.0199	0.0101	0.0444	15.5000	0.04740
9/7/11	0.0050 U	0.0050 U	0.1950	0.0050 U	--	0.0050 U	137.50	0.0050 U	0.0050 U	0.0068	1.0500	0.00500 U
3/6/12	0.0050 U	0.0050 U	0.2210	0.0050 U	--	0.0050 U	142.00	0.0133	0.0069	0.0309	12.2000	0.00810

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB06 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
9/11/12	0.0050 U	0.0050 U	0.1900	0.0050 U	--	0.0050 U	148.00	0.0063	0.0066	0.0150	5.0700	0.00500 U
3/27/13	0.0050 U	0.0050 U	0.1960	0.0050 U	--	0.0050 U	135.00	0.0050 U	0.0050 U	0.0158	1.1700	0.00500 U
9/12/13	0.0050 U	0.0050 U	0.1800	0.0050 U	--	0.0050 U	136.00	0.0050 U	0.0050 U	0.0091	1.4000	0.00500 U
9/16/13	0.0050 U	0.0006 J	0.1800	0.0010 U	--	0.0010 U	140.00	0.0010 U	0.0051	0.0036	10.0000 U	0.00100 U
9/19/13	0.0050 U	0.0010 U	0.1700	0.0010 U	--	0.0010 U	140.00	0.0010 U	0.0052	0.0033	0.1300	0.00100 U
3/24/14	0.0050 U	0.0050 U	0.2050	0.0050 U	--	0.0050 U	146.00	0.0073	0.0057	0.0164	7.3000	0.00500 U
9/2/14	0.0050 U	0.0050 U	0.1930	0.0050 U	--	0.0050 U	130.00	0.0050 U	0.0050 U	0.0106	2.6900	0.00500 U
3/17/15	0.0020 U	0.0047	0.1700	0.0020 U	--	0.0040 U	140.00	0.0100 U	0.0100 U	0.0051 J	0.6400	0.00200 U
9/9/15	0.0010 U	0.0059	0.1700	0.0010 U	--	0.0005 U	140.00	0.0050 U	0.0050 J	0.0050 U	1.5000	0.00100 U
3/17/16	0.0020 U	0.0027	0.1930	0.0020 U	--	0.0020 U	90.80	0.0027	0.0046	0.0050	1.0400	0.00200 U
8/31/16	0.0050 U	0.0050 U	0.1990	0.0050 U	--	0.0050 U	136.00	0.0050 U	0.0050 U	0.0075	1.7500	0.00500 U
3/7/17	0.0050 U	0.0050 U	0.1950	0.0050 U	--	0.0050 U	148.00	0.0050 U	0.0053	0.0138	1.8700	0.00500 U
9/11/17	0.0050 U	0.0050 U	0.2010	0.0050 U	--	0.0050 U	144.00	0.0050 U	0.0051	0.0111	3.8100	0.00500 U
4/4/18	0.0050 U	0.0050	0.1930	0.0050 U	--	0.0050 U	141.00	0.0050 U	0.0050 U	0.0061	1.0700	0.00500 U
9/4/18	0.0050 U	0.0056	0.2020	0.0050 U	--	0.0050 U	73.20	0.0065	0.0057	0.0253	3.6300	0.00500 U
4/8/19	0.0010 U	0.0010 U	0.1710	0.0010 U	--	0.0010 U	127.00	0.0053	0.0048	0.0067	0.8360	0.00100 U
7/30/19	0.0010 U	0.0010 U	0.1720	0.0010 U	--	0.0010 U	132.00 B	0.0043	0.0047	0.0147	0.7410	0.00100 U
3/2/20	0.0010 U	0.0010 U	0.1760	0.0010 U	--	0.0010 U	136.00	0.0028	0.0048	0.0070	1.4000	0.00100 U
7/29/20	0.0010 U	0.0010 U	0.1810	0.0010 U	--	0.0010 U	127.00	0.0069	0.0052	0.0074	1.6300	0.00105
3/29/21	0.0010 U	0.0010 U	0.1640	0.0010 U	--	0.0010 U	120.00	0.0021	0.0044	0.0073	1.2700	0.00100 U
9/7/21	0.0010 U	0.0010 U	0.1860	0.0010 U	--	0.0010 U	127.00	0.0122	0.0053	0.0096	3.9800	0.00221
3/29/22	0.0010 U	0.0010 U	0.1790	0.0010 U	--	0.0010 U	149.00	0.0029	0.0047	0.0073	0.6740	0.00215

Gude Landfill
Monitoring Location OB06 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002		
4/27/01	--	0.18430	0.000200 U	0.0100 U	--	0.00350	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U
9/4/01	--	0.21010	0.000200 U	0.0100	--	0.00700	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U
3/12/02	--	0.19740	0.000200	0.0102	--	0.01230	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U
9/16/02	--	0.18850	0.000200	0.0117	--	0.03670	0.0096 U	--	0.0010 U	0.0008 U	0.00200 U
6/2/03	--	0.35200	0.000200	0.0141	--	0.00870	0.0192 U	--	0.0020 U	0.0008 U	0.00060 U
10/8/03	--	0.25440	0.000200 U	0.0086	--	0.00410	0.0022 U	--	0.0004 U	0.0003 U	0.00040 U
3/24/04	--	0.29950	0.000200	0.0111	--	0.00500	0.0022 U	--	0.0004 U	0.0003 U	0.00040 U
9/21/04	--	0.38570	0.000200	0.0118	--	0.00610	0.0018 U	--	0.0006 U	0.0003 U	0.00200 U
4/6/05	--	0.38130	0.000200	0.0106	--	0.00600	0.0018 U	--	0.0006 U	0.0050 U	0.00040 U
9/21/05	--	0.41550	0.000200	0.0126	--	0.00490	0.0200 U	--	0.0006 U	0.0050 U	0.00200 U
4/5/06	--	0.41810	0.000200	0.0138	--	0.01180	0.0008 U	--	0.0008 U	0.0050 U	0.00080 U
9/26/06	--	0.49540	0.000200	0.0204	--	0.00880	--	--	0.0007 U	0.0050 U	0.00690
4/18/07	--	--	0.000200	0.0139	--	0.00940	0.0005 U	--	0.0007 U	0.0500 U	0.00070 U
10/2/07	--	--	0.000500	0.0805	--	0.02000 U	0.0050 U	--	0.0070 U	0.0020 U	0.07240
3/25/08	--	--	0.000300	0.0129	--	0.00950	0.0020 U	--	0.0006 U	0.0500 U	0.00060 U
9/23/08	--	--	0.000200	0.0129	--	0.00880	0.0016 U	--	0.0012 U	0.0011 U	0.00120 U
3/10/09	--	--	0.000200	0.0200	--	0.01000 U	0.0043 U	--	0.0008 U	0.0011 U	0.01000 U
9/21/09	56.600	0.48200	0.000200	0.0166	4.820	0.01470	0.0020 U	83.30	0.0020 U	--	0.00100 U
7/26/10	--	--	0.001900	0.0290	--	0.00100 U	0.0027	--	0.0010 U	0.0050 U	0.02500
9/20/10	78.800	1.57000	0.001490	0.1310	28.800	0.02300	0.0050 U	70.40	0.0050 U	--	0.13300
4/19/11	63.000	0.86200	0.008520	0.0245	6.200	0.02010	0.0050 U	80.30	0.0050 U	--	0.02130
9/7/11	55.900	0.48700	0.000870	--	4.720	0.01220	0.0050 U	81.00	0.0050 U	--	0.00500 U
3/6/12	61.300	0.59200	0.000540	0.0128	7.390	0.01210	0.0050 U	94.30	0.0050 U	--	0.01480

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB06 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
9/11/12	61.100	0.58900	0.000407	0.0126	5.520	0.01510	0.0050 U	88.70	0.0050 U	--	0.00500 U
3/27/13	55.300	0.49600	0.000200 U	0.0121	6.200	0.01690	0.0050 U	92.20	0.0050 U	--	0.00500 U
9/12/13	54.700	0.48100	0.000200 U	0.0112	4.750	0.01240	0.0050 U	87.30	0.0050 U	--	0.00500 U
9/16/13	55.000	0.56000	0.000120 J	--	4.300	0.00100 U	0.0010 U	95.00	0.0010 U	--	0.00500 U
9/19/13	57.000	0.52000	0.000150 J	--	3.900	0.00100 U	0.0010 U	98.00	0.0010 U	--	0.00500 U
3/24/14	61.900	0.55700	0.000510	0.0151	5.570	0.01170	0.0050 U	105.00	0.0050 U	--	0.00736
9/2/14	55.500	0.49400	0.000200 U	0.0129	4.680	0.01340	0.0050 U	91.00	0.0050 U	--	0.00500 U
3/17/15	55.000	0.47000	0.000200 U	0.0140	4.400	0.01400 J	0.0100 U	100.00	0.0020 U	--	0.01000 U
9/9/15	58.000	0.58000	0.000230	0.0100 U	5.100	0.01700	0.0010 U	110.00	0.0010 U	--	0.00500 U
3/17/16	56.200	0.56800	0.000200 U	0.0104	4.130	0.01210	0.0002	125.00	0.0010 U	--	0.00200 U
8/31/16	56.700	0.55800	0.000200 U	0.0112	4.350	0.01070	0.0050 U	108.00	0.0050 U	--	0.00500 U
3/7/17	60.500	0.58200	0.000200 U	0.0163	4.390	0.02110	0.0050 U	124.00	0.0050 U	--	0.00501
9/11/17	59.000	0.67700	0.000200 U	0.0130	4.890	0.00848	0.0050 U	120.00	0.0050 U	--	0.00500 U
4/4/18	57.100	0.49700	0.000200 U	0.0122	4.690	0.01310	0.0050 U	124.00	0.0050 U	--	0.00500 U
9/4/18	30.200	0.62700	0.000224	0.0202	4.830	0.02310	0.0050 U	66.80	0.0050 U	--	0.00500 U
4/8/19	68.600	0.60800	0.000252	0.0125	4.500	0.00100 U	0.0010 U	155.00	0.0010 U	--	0.00105
7/30/19	62.400	0.62600	0.000148	0.0112	4.200	0.00100 U	0.0010 U	139.00 B	0.0010 U	--	0.00100 U
3/2/20	60.400	0.63300	0.000227	0.0110	4.520	0.00100 U	0.0010 U	158.00	0.0010 U	--	0.00141
7/29/20	65.100	0.67200	0.000379	0.0130	4.830	0.00100 U	0.0010 U	145.00	0.0010 U	--	0.00169
3/29/21	59.100	0.58800	0.000326	0.0091	4.430	0.00100 U	0.0010 U	132.00	0.0010 U	--	0.00157
9/7/21	61.800	0.67300	0.000594	0.0171	5.140	0.00100 U	0.0016	138.00	0.0010 U	--	0.00384
3/29/22	63.100	0.65000	0.000612	0.0098	5.440	0.00126	0.0010 U	146.00	0.0010 U	--	0.00114

Gude Landfill
Monitoring Location OB06 - Total Metals

Printed 5/25/22

	Zinc, total (mg/L)
MCL/ GWPS	
4/27/01	--
9/4/01	--
3/12/02	--
9/16/02	--
6/2/03	--
10/8/03	--
3/24/04	--
9/21/04	--
4/6/05	--
9/21/05	--
4/5/06	--
9/26/06	--
4/18/07	0.03600
10/2/07	0.27890
3/25/08	0.03100
9/23/08	0.03210
3/10/09	0.04140
9/21/09	0.03210
7/26/10	0.08900
9/20/10	0.37200
4/19/11	0.09970
9/7/11	0.02130
3/6/12	0.05450

Gude Landfill
Monitoring Location OB06 - Total Metals

Printed 5/25/22

Zinc, total (mg/L)

9/11/12	0.03850
3/27/13	0.02100
9/12/13	0.02080
9/16/13	2.00000 U
9/19/13	0.01900 J
3/24/14	0.03570
9/2/14	0.02830
3/17/15	0.01900
9/9/15	0.02200
3/17/16	0.01280
8/31/16	0.01620
3/7/17	0.01940
9/11/17	0.06550
4/4/18	0.02700
9/4/18	0.04110
4/8/19	0.02050
7/30/19	0.01560
3/2/20	0.01820
7/29/20	0.01920
3/29/21	0.02580
9/7/21	0.03100
3/29/22	0.01490

Gude Landfill

Printed 5/25/22

Monitoring Location OB06 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200		5		7				0.2	0.05	600	5	5		75
4/27/01	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/4/01	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
3/12/02	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	1.00 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/16/02	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
6/2/03	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
10/8/03	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	1.00 U	0.17 U	0.21 U	0.19 U	1.46
3/24/04	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/21/04	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/6/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	1.00 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/5/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	1.00 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/26/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	11.00 U	0.27 U	0.34 U	0.33 U	11.00 U
4/18/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
10/2/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
3/25/08	0.18 U	0.18 U	0.21 U	0.23 U	0.22 U	0.18 U	0.26 U	0.14 U	0.24 U	0.16 U	10.00 U	0.18 U	0.17 U	0.20 U	1.03
9/23/08	0.12 U	0.17 U	0.14 U	0.17 U	0.14 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	0.50 U	0.13 U	0.15 U	0.13 U	10.00 U
3/10/09	0.12 U	0.17 U	0.14 U	0.17 U	0.50 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	10.00 U	0.13 U	0.15 U	0.13 U	10.00 U
9/21/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.43
7/26/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.93 J

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill

Printed 5/25/22

Monitoring Location OB06 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)	
4/19/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/7/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/6/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/11/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.66
9/12/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.21
3/24/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.42
9/2/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.26
3/17/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.35
9/9/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.12
3/17/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.33
8/31/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.29
3/7/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.32
9/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/2/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10
7/29/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB06 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
4/27/01	--	0.18 U	--	0.15 U	--	1.00 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	1.00 U	0.20 U	0.23 U
9/4/01	--	0.18 U	--	0.15 U	--	1.00 U	0.20 U	0.18 U	0.14 U	1.00 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
3/12/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
9/16/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
6/2/03	--	0.18 U	--	0.15 U	--	1.00 U	0.20 U	0.18 U	0.14 U	0.15 U	1.22	0.15 U	1.00 U	0.20 U	0.23 U
10/8/03	0.69	0.18 U	--	0.15 U	--	1.00 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	1.00 U	0.20 U	0.23 U
3/24/04	0.19	1.00 U	--	0.15 U	--	1.00 U	0.20 U	0.18 U	0.14 U	0.15 U	1.00 U	0.15 U	0.28 U	0.20 U	0.23 U
9/21/04	0.29 U	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/6/05	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/21/05	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/5/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/26/06	1.37	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.00 U	0.31 U	0.27 U
4/18/07	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	1.00 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
10/2/07	1.00 U	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.00 U	0.31 U	0.27 U
3/25/08	--	--	--	--	--	0.24 U	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	0.50 U	0.10 U	0.21 U
9/23/08	--	--	--	--	--	0.50 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.52	0.13 U	0.12 U
3/10/09	--	--	--	--	--	0.50 U	0.14 U	0.11 U	0.16 U	0.50 U	--	0.14 U	0.72	0.13 U	0.12 U
9/21/09	1.00 U	1.00 U	1.00 U	0.30 J	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	0.75 J	1.00 U	1.00 U
7/26/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	0.56 J	2.00 U	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB06 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
4/19/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.40	1.00 U	1.00 U
9/12/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.21	1.00 U	1.00 U
3/24/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.41	1.00 U	1.00 U
9/2/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.05	1.00 U	1.00 U
3/17/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.30	1.00 U	1.00 U
9/9/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.30	1.00 U	1.00 U
3/17/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.61	1.00 U	1.00 U
8/31/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.48	1.00 U	1.00 U
3/7/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.77	1.00 U	1.00 U
9/11/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.55	1.00 U	1.00 U
4/4/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.78	1.00 U	1.00 U
9/4/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.11	1.00 U	1.00 U
4/8/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	1.00 U
7/30/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U
3/2/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U
7/29/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U
3/29/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.50	1.00 U	1.00 U
9/7/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.50	1.00 U	1.00 U
3/29/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB06 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
4/27/01	0.21 U	3.45	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	1.00 U	1.00 U	0.27 U	0.21 U	1.00	0.24 U	0.22 U
9/4/01	0.21 U	3.21	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	1.00 U	2.91	0.27 U	0.21 U	1.23	0.24 U	0.22 U
3/12/02	0.21 U	2.78	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	1.00 U	1.00 U	0.27 U	0.21 U	1.52	0.24 U	0.22 U
9/16/02	0.21 U	1.33	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	1.00 U	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
6/2/03	0.21 U	2.87	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	1.00 U	1.00 U	0.27 U	0.21 U	1.81	0.24 U	0.22 U
10/8/03	0.21 U	3.03	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	1.00 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
3/24/04	0.21 U	2.59	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	1.00 U	1.00 U	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
9/21/04	0.25 U	2.01	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	1.00 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/6/05	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
9/21/05	0.25 U	2.17	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
4/5/06	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
9/26/06	0.25 U	2.77	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	1.00 U	1.00 U	0.18 U	0.25 U	1.11	0.32 U	0.45 U
4/18/07	0.25 U	1.65	0.29 U	0.27 U	1.00 U	2.00 U	1.00 U	--	0.25 U	1.00 U	1.00 U	0.25 U	1.15	0.32 U	0.45 U
10/2/07	0.25 U	2.92	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	1.00 U	1.00 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
3/25/08	0.15 U	2.31	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.15 U	0.50 U	0.22 U	0.20 U	0.20 U	0.28 U	0.22 U
9/23/08	0.20 U	2.39	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.50 U	0.11 U	0.11 U	0.70	0.12 U	0.14 U
3/10/09	0.20 U	2.55	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.50 U	0.11 U	0.11 U	0.90	0.12 U	0.14 U
9/21/09	1.00 U	2.12	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	0.40 J	1.00 U	1.00 U	0.60 J	1.00 U	1.00 U
7/26/10	1.00 U	2.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	0.60 J	1.00 U	1.00 U
9/20/10	0.91 J	1.64 J	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB06 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
4/19/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/7/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
3/6/12	1.00 U	1.60	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/11/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/13	1.00 U	1.65	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.16	1.00 U	1.00 U
9/12/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/14	1.00 U	1.39	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/14	1.00 U	1.28	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/15	1.00 U	1.21	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/15	1.00 U	1.21	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/16	1.00 U	1.34	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/16	1.00 U	1.12	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/17	1.00 U	1.26	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	1.00 U	1.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/2/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB06 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
4/27/01	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
9/4/01	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
3/12/02	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
9/16/02	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
6/2/03	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
10/8/03	0.13 U	0.14 U	1.00 U	0.18 U	--	0.17	--
3/24/04	0.13 U	0.14 U	0.19 U	0.18 U	--	0.09	--
9/21/04	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
4/6/05	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/21/05	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
4/5/06	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/26/06	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
4/18/07	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
10/2/07	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
3/25/08	0.08 U	--	0.50 U	0.07 U	--	0.22 U	--
9/23/08	0.13 U	--	0.50 U	0.10 U	--	0.18 U	--
3/10/09	0.13 U	--	0.53	0.10 U	--	0.18 U	--
9/21/09	1.00 U	1.00 U	0.46 J	1.00 U	--	1.00 U	--
7/26/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	--

Gude Landfill
Monitoring Location OB06 - Volatile Organic Compounds

Printed 5/25/22

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
4/19/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/27/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/12/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/24/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/2/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/17/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/9/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/17/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
8/31/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/7/17	1.37	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/4/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/4/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/30/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/2/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/29/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location OB07A - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/19/11	0.005 U	0.005 U	0.039	0.005 U	0.005 U	73.1	0.01 U	0.01 U	0.005 U	0.5 U	0.005 U	40.7	0.051	0.0002
9/7/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/6/12	0.005 U	0.005 U	0.041	0.005 U	0.005 U	88.8	0.01 U	0.01 U	0.006	0.4	0.005 U	52.0	0.049	0.0004
9/11/12	0.005 U	0.005 U	0.048	0.010 U	0.005 U	94.5	0.01 U	0.01 U	0.005 U	0.5	0.005 U	53.3	0.069	0.0008
3/27/13	0.005 U	0.005 U	0.045	0.005 U	0.005 U	92.6	0.01 U	0.01 U	0.011	0.6	0.005 U	50.2	0.061	0.0005
9/11/13	0.005 U	0.005 U	0.045	0.005 U	0.005 U	93.0	0.01 U	0.01 U	0.005 U	0.4	0.005 U	53.2	0.059	0.0006
3/24/14	0.005 U	0.005 U	0.047	0.005 U	0.005 U	105.0	0.01 U	0.01 U	0.005 U	0.5	0.005 U	59.3	0.055	0.0006
9/2/14	0.005 U	0.005 U	0.046	0.005 U	0.005 U	83.0	0.01 U	0.01 U	0.005 U	0.5	0.005 U	47.7	0.055	0.0005
3/17/15	0.002 U	0.003	0.039	0.002 U	0.004 U	86.0	0.01 U	0.01 U	0.001 J	0.0 U	0.002 U	51.0	0.031	0.0007
9/9/15	0.001 U	0.001 U	0.040	0.001 U	0.001 U	94.0	0.01 U	0.01 U	0.005 U	0.0 U	0.001 U	55.0	0.054	0.0008
3/17/16	0.002 U	0.002 U	0.040	0.002 U	0.002 U	56.6	0.00 U	0.00 U	0.002 U	0.3	0.002 U	26.9	0.119	0.0002 U
8/31/16	0.002 U	0.002 U	0.043	0.002 U	0.002 U	49.8	0.00 U	0.00 U	0.002 U	0.3	0.002 U	21.8	0.153	0.0002 U
3/7/17	0.002 U	0.003	0.052	0.002 U	0.002 U	113.0	0.00	0.00 U	0.003	0.6	0.002 U	63.8	0.067	0.0002 U
9/11/17	0.002 U	0.002 U	0.052	0.002 U	0.002 U	113.0	0.00	0.00 U	0.002 U	0.6	0.002 U	63.1	0.069	0.0002 U
4/4/18	0.002 U	0.005	0.054	0.002 U	0.002 U	111.0	0.01	0.00 U	0.003	0.1 U	0.002 U	59.3	0.096	0.0002 U
9/4/18	0.002 U	0.002	0.043	0.002 U	0.002 U	60.3	0.00	0.00 U	0.002 U	0.1 U	0.002 U	24.6	0.176	0.0002 U

Gude Landfill

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Monitoring Location OB07A - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/19/11	0.01 U	2.4	0.009	0.01 U	21.9	0.005 U	0.01 U	0.005 U
9/7/11	0.01 U	--	--	--	--	--	--	--
3/6/12	0.01 U	2.4	0.007	0.01 U	31.4	0.005 U	0.01 U	0.005 U
9/11/12	0.01	2.7	0.011	0.01 U	25.9	0.005 U	0.01 U	0.005 U
3/27/13	0.01 U	3.3	0.010	0.01 U	28.1	0.005 U	0.01 U	0.005 U
9/11/13	0.01	2.4	0.010	0.01 U	25.2	0.005 U	0.01 U	0.005 U
3/24/14	0.01 U	2.5	0.008	0.01 U	29.1	0.005 U	0.01 U	0.005 U
9/2/14	0.01 U	2.2	0.010	0.01 U	25.3	0.005 U	0.01 U	0.008
3/17/15	0.01 J	2.3	0.011 J	0.01 U	24.0	0.002 U	0.01 U	0.010 U
9/9/15	0.00 J	2.5	0.009	0.00 U	27.0	0.001 U	0.01 U	--
3/17/16	0.01	2.7	0.005	0.00 U	17.3	0.001 U	0.00 U	0.004
8/31/16	0.01	3.0	0.006	0.00 U	16.3	0.001 U	0.00 U	0.005
3/7/17	0.01	2.4	0.017	0.00 U	30.4	0.001 U	0.00	0.003
9/11/17	0.00	2.5	0.008	0.00 U	29.6	0.001 U	0.00 U	0.002 U
4/4/18	0.01	2.6	0.014	0.00 U	26.9	0.001 U	0.00 U	0.009
9/4/18	0.01	3.0	0.009	0.00 U	17.1	0.001 U	0.00 U	0.006

Gude Landfill
Monitoring Location OB07A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
MCL/ GWPS					0.2			10		1				
4/27/01	--	--	--	94.1521	0.001 U	--	--	--	--	--	--	--	--	--
9/4/01	--	--	--	87.0069	0.003	--	--	--	--	--	--	--	--	--
3/12/02	--	--	--	96.7173	0.002	--	--	--	--	--	--	--	--	--
9/16/02	--	--	--	89.1421	0.001 U	--	--	--	--	--	--	--	--	--
6/2/03	--	--	--	102.9520	0.002 U	--	--	--	--	--	--	--	--	0.016
10/8/03	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.013
3/24/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.030
9/21/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.043
4/6/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.003 U
9/21/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.041
4/5/06	--	--	--	--	0.006	--	--	--	--	--	--	--	--	0.024
9/26/06	--	--	--	--	0.001 U	--	--	--	--	--	--	--	--	0.038
4/18/07	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.048
10/2/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.049
3/25/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/23/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/21/09	124.0	0.20 U	17.8	235.0000	--	--	420.0	0.8907	--	--	--	--	--	--
7/26/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/20/10	115.0	0.20 U	9.7 J	205.0000	--	--	350.0	0.9000	0.90	0.05 U	--	--	--	--

Gude Landfill
Monitoring Location OB07A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
4/19/11	112.0	0.20 U	16.5	216.0000	--	--	390.0	0.9020	0.95	0.05 U	--	--	--	--
9/7/11	115.0	0.20 U	10.0	246.0000	--	--	424.0	0.8910	0.94	0.05 U	--	--	--	--
3/6/12	122.0	0.20 U	16.9	244.0000	--	--	408.0	0.9700	1.02	0.05 U	--	--	--	--
9/11/12	119.0	0.20 U	15.0	265.0000	--	--	436.0	0.9700	1.02	0.05 U	--	--	--	--
3/27/13	112.0	0.20 U	17.3	255.0000	--	0.05	420.0	1.0000	1.05	0.05 U	418.0	6.05	--	--
9/11/13	120.0	0.20 U	12.8	268.0000	--	0.05	448.0	1.0000	1.05	0.05 U	352.0	5.70	--	--
3/24/14	118.0	0.20 U	18.2	260.0000	--	0.06	450.0	0.9700	--	--	439.0	5.94	--	--
9/2/14	114.0	0.20 U	21.3	240.0000	--	1.82	416.0	0.9420	0.99	0.05 U	355.0	6.05	--	--
3/17/15	119.0	0.20 U	16.6	254.0000	--	0.00	434.0	1.0100	1.06	0.05 U	361.0	6.34	--	--
9/9/15	120.0	0.20 U	20.2	272.0000	--	0.61	436.0	1.0300	1.08	0.05 U	315.0	5.77	--	--
3/17/16	70.0	0.20 U	10.0 U	136.0000	--	2.55	252.0	0.3640	0.37	0.05 U	363.0	6.04	--	--
8/31/16	77.0	0.20 U	10.0 U	132.0000	--	1.66	226.0	0.3430	0.35	0.05 U	377.0	5.95	--	--
3/7/17	153.0	0.20 U	20.3	298.0000	--	--	240.0	0.9337	0.99	0.06	412.0	5.81	--	--
9/11/17	139.0	0.20 U	17.8	282.0000	--	0.43	532.0	0.9620	1.02	0.06	423.0	5.95	--	--
4/4/18	101.0	0.20 U	14.7	205.0000	--	--	350.0	0.5700	0.62	0.05 U	227.0	5.88	--	--
9/4/18	74.5	0.20 U	10.5	151.0000	--	--	253.0	0.4350	0.45	0.05 U	224.0	5.77	--	--
4/8/19	122.0	0.10 U	25.2	239.0000	--	1.67	411.0 B	0.2000 U	--	--	180.4	5.69	5.98	--
7/30/19	110.0	0.10 U	20.6	210.0000	--	1.33	318.0 B	1.5000	--	--	199.9	5.71	5.99	--
3/2/20	98.2	0.10 U	18.3	189.0000	--	2.60	407.0	1.4700	--	--	223.0	5.85	6.15	--
7/29/20	68.0	0.10 U	15.5	142.0000	--	1.56	226.0	0.5300	--	--	216.4	5.75	5.90	--
3/29/21	83.0	0.10 U	6.2	150.0000	--	1.90	229.0	0.5580	--	--	229.1	5.88	6.11	--
9/7/21	150.0	0.05 U	25.8	266.0000	--	0.90	478.0	1.0000	--	--	146.6	6.07	6.03	--

Gude Landfill
Monitoring Location OB07A - General Parameters

Printed 5/25/22

Parameter	Value	Unit
Alkalinity	151.0	mg/L
Ammonia Nitrogen	0.02 J	mg/L
Chemical Oxygen Demand	17.7	mg/L
Chloride	270.0000	mg/L
Cyanide, Total	--	mg/L
Dissolved Oxygen, Field	1.90	mg/L
Hardness	519.0	mg/L
Nitrate	0.9720	mg/L
Nitrate+Nitrite	--	mg/L
Nitrite	--	mg/L
ORP, Field	155.2	mV
pH, Field	5.87	SU
pH, Lab	6.04	SU
Phosphate	--	mg/L

Gude Landfill
Monitoring Location OB07A - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS										
4/27/01	--	--	--	--	--	--	--	--	0.300	--
9/4/01	--	--	--	--	--	--	--	--	0.950	--
3/12/02	--	--	--	--	--	--	--	--	1.280	--
9/16/02	--	--	--	--	--	--	--	--	2.400	--
6/2/03	--	--	--	--	--	--	0	--	5.200	--
10/8/03	--	--	--	--	--	--	0 U	--	--	--
3/24/04	--	--	--	--	--	--	0 U	--	--	--
9/21/04	--	--	--	--	--	--	0 U	--	--	--
4/6/05	--	--	--	--	--	--	0 U	--	--	--
9/21/05	--	--	--	--	--	--	0	--	--	--
4/5/06	--	--	--	--	--	--	0	--	--	--
9/26/06	--	--	--	--	--	--	0	--	--	--
4/18/07	--	--	--	--	--	--	0 U	--	--	--
10/2/07	--	--	--	--	--	--	0 U	--	--	--
3/25/08	--	--	--	--	--	--	0 U	--	--	--
9/23/08	--	--	--	--	--	--	0 U	--	--	--
9/21/09	--	--	22.40	--	--	784.0	--	--	0.317	--
7/26/10	--	--	--	3.0 U	--	--	--	--	--	--
9/20/10	--	--	21.60	--	--	1176.0	--	--	1.550	--

Gude Landfill

Monitoring Location OB07A - General Parameters

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
4/19/11	--	--	22.60 J	--	--	796.0	--	--	0.579	--
9/7/11	--	--	28.00	--	--	872.0	--	--	--	--
3/6/12	--	--	24.30	--	--	748.0	--	--	--	--
9/11/12	--	--	24.60	--	--	856.0	--	--	--	--
3/27/13	1.2	--	27.50	--	12.3	718.0	--	--	--	0.00
9/11/13	1016.0	--	31.00	--	14.4	774.0	--	--	--	0.75
3/24/14	996.9	--	30.60	--	12.1	590.0	--	--	--	0.99
9/2/14	909.0	--	28.40	--	14.2	752.0	--	--	--	0.00
3/17/15	856.8	--	29.70	--	15.2	606.0	--	--	--	0.00
9/9/15	1014.0	--	35.50	--	13.6	583.0	--	--	--	0.00
3/17/16	515.1	--	5.65	--	10.4	422.0	--	--	--	2.50
8/31/16	546.0	--	5.18	--	21.8	428.0	--	--	--	0.00
3/7/17	1129.0	--	42.40	--	12.8	624.0	--	--	--	0.00
9/11/17	1255.0	--	48.00	--	13.6	837.0	--	--	--	0.90
4/4/18	626.2	--	20.70	--	12.6	464.0	--	--	--	2.10
9/4/18	625.0	--	5.90	--	20.9	377.0	--	--	--	0.00
4/8/19	542.0	1050.0	40.70	--	12.8	771.0	--	2.6 U	1.090	2.30
7/30/19	526.0	938.0	31.50	--	13.5	775.0	--	2.3 U	0.645	0.00
3/2/20	557.0	817.0	20.90	--	12.6	539.0	--	2.5 U	0.500 U	0.00
7/29/20	574.0	643.0	7.13	--	18.5	407.0	--	6.9	2.010	2.70
3/29/21	564.0	675.0	8.20	--	12.7	356.0	--	2.2 J	0.607	0.76
9/7/21	1008.0	1200.0	46.60	--	14.0	664.0	--	3.8	0.500 U	1.80

Gude Landfill
Monitoring Location OB07A - General Parameters

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	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
3/29/22	914.0	1255.0	48.20	--	8.2	698.0	--	33.6	4.740	4.97

Gude Landfill
Monitoring Location OB07A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
4/27/01	0.0007 U	0.0020 U	0.0340	0.0005 U	--	0.0020 U	--	0.0020 U	0.0020 U	0.0183	--	0.00200 U
9/4/01	0.0020 U	0.0007 U	0.0482	0.0017 U	--	0.0020 U	--	0.0020 U	0.0029	0.0149	--	0.00240
3/12/02	0.0005 U	0.0020 U	0.0415	0.0017 U	--	0.0020 U	--	0.0020 U	0.0020 U	0.0099	--	0.00200 U
9/16/02	0.0007 U	0.0036	0.0377	0.0004 U	--	0.0020 U	--	0.0074	0.0041	0.0152	--	0.00200 U
6/2/03	0.0007 U	0.0020 U	0.0438	0.0004 U	--	0.0020 U	--	0.0020 U	0.0020 U	0.0086	--	0.00200 U
10/8/03	0.0009 U	0.0008 U	0.0469	0.0016 U	--	0.0020 U	--	0.0020 U	0.0020 U	0.0100 U	--	0.00200 U
3/24/04	0.0009 U	0.0008 U	0.0439	0.0016 U	--	0.0020 U	--	0.0020 U	0.0020 U	0.0100 U	--	0.00200 U
9/21/04	0.0028 U	0.0006 U	0.0248	0.0012 U	--	0.0020 U	--	0.0007 U	0.0005 U	0.0153	--	0.00200 U
4/6/05	0.0028 U	0.0006 U	0.0529	0.0012 U	--	0.0003 U	--	0.0020 U	0.0005 U	0.0138	--	0.00060 U
9/21/05	0.0028 U	0.0006 U	0.0270	0.0012 U	--	0.0020 U	--	0.0007 U	0.0020 U	0.0129	--	0.00200 U
4/5/06	0.0006 U	0.0020 U	0.0616	0.0007 U	--	0.0020 U	--	0.0020 U	0.0005 U	0.0114	--	0.00270
9/26/06	0.0007 U	0.0008 U	0.0265	0.0009 U	--	0.0006 U	--	0.0007 U	0.0005 U	0.0051	--	0.00070 U
4/18/07	0.0007 U	0.0008 U	0.0313	0.0009 U	0.020 U	--	--	0.0007 U	0.0005 U	0.0055	--	0.00070 U
10/2/07	0.0020 U	0.0020 U	0.0506	0.0009 U	0.020 U	--	--	0.0020 U	0.0025	0.0113	--	0.00200 U
3/25/08	0.0005 U	0.0020 U	0.0643	0.0010 U	0.020 U	--	--	0.0020 U	0.0027	0.0092	--	0.00100 U
9/23/08	0.0010 U	0.0012 U	0.0864	0.0020 U	0.040 U	--	--	0.0016 U	0.0024 U	0.0116	--	0.00400 U
3/10/09	0.0010 U	0.0010 U	0.0419	0.0024 U	0.050 U	--	--	0.0013 U	0.0014 U	0.0200 U	--	0.00070 U
9/21/09	0.0020 U	0.0020 U	0.0431	0.0020 U	--	0.0020 U	91.80	0.0020 U	0.0005 J	0.0058	0.2390	0.00200 U
7/26/10	0.0010 U	0.0010 U	0.0310	0.0010 U	--	0.0010 U	--	0.0010	0.0015	0.0029	--	0.00100 U
9/20/10	0.0050 U	0.0050 U	0.0370	0.0050 U	--	0.0050 U	72.00	0.0050 U	0.0050 U	0.0078	0.5000	0.00500 U
4/19/11	0.0050 U	0.0050 U	0.0401	0.0050 U	--	0.0050 U	86.50	0.0050 U	0.0050 U	0.0050 U	0.8190	0.00500 U
9/7/11	0.0050 U	0.0050 U	0.0432	0.0050 U	--	0.0050 U	90.00	0.0050 U	0.0050 U	0.0050 U	0.5380	0.00500 U
3/6/12	0.0050 U	0.0050 U	0.0405	0.0050 U	--	0.0050 U	82.90	0.0050 U	0.0050 U	0.0059	0.4580	0.00500 U

Gude Landfill
Monitoring Location OB07A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
9/11/12	0.0050 U	0.0050 U	0.0485	0.0050 U	--	0.0050 U	94.30	0.0050 U	0.0050 U	0.0050 U	0.5760	0.00500 U
3/27/13	0.0050 U	0.0050 U	0.0450	0.0050 U	--	0.0050 U	87.30	0.0050 U	0.0050 U	0.0116	0.6150	0.00500 U
9/11/13	0.0050 U	0.0050 U	0.0455	0.0050 U	--	0.0050 U	93.60	0.0050 U	0.0050 U	0.0055	0.4300	0.00500 U
3/24/14	0.0050 U	0.0050 U	0.0458	0.0050 U	--	0.0050 U	93.50	0.0050 U	0.0050 U	0.0050 U	0.5330	0.00500 U
9/2/14	0.0050 U	0.0050 U	0.0463	0.0050 U	--	0.0050 U	80.20	0.0050 U	0.0050 U	0.0050 U	0.5200	0.00500 U
3/17/15	0.0020 U	0.0028	0.0430	0.0020 U	--	0.0040 U	87.00	0.0033 J	0.0100 U	0.0020 J	0.0050 U	0.00200 U
9/9/15	0.0010 U	0.0036	0.0390	0.0010 U	--	0.0005 U	92.00	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.00100 U
3/17/16	0.0020 U	0.0020 U	0.0401	0.0020 U	--	0.0020 U	50.10	0.0020 U	0.0020 U	0.0020 U	0.2840	0.00200 U
8/31/16	0.0020 U	0.0020 U	0.0410	0.0020 U	--	0.0020 U	49.00	0.0020 U	0.0020 U	0.0020 U	0.4090	0.00200 U
3/7/17	0.0020 U	0.0028	0.0523	0.0020 U	--	0.0020 U	109.00	0.0028	0.0020 U	0.0028	0.6310	0.00200 U
9/11/17	0.0020 U	0.0020 U	0.0535	0.0020 U	--	0.0020 U	114.00	0.0020 U	0.0020 U	0.0020 J	0.5900	0.00200 U
4/4/18	0.0020 U	0.0034	0.0543	0.0020 U	--	0.0020 U	77.50	0.0046	0.0020 U	0.0093	0.1410	0.00200 U
9/4/18	0.0020 U	0.0020 U	0.0460	0.0020 U	--	0.0020 U	60.30	0.0021	0.0020 U	0.0020 U	0.0645	0.00200 U
4/8/19	0.0010 U	0.0010 U	0.0438	0.0010 U	--	0.0010 U	73.20	0.0010 U	0.0010 U	0.0026	0.1000 U	0.00100 U
7/30/19	0.0010 U	0.0010 U	0.0410	0.0010 U	--	0.0010 U	63.70 B	0.0015	0.0011	0.0037	0.1000 U	0.00100 U
3/2/20	0.0010 U	0.0010 U	0.0464	0.0010 U	--	0.0010 U	78.60	0.0010 U	0.0011	0.0010 U	0.0274 J	0.00100 U
7/29/20	0.0010 U	0.0010 U	0.0445	0.0010 U	--	0.0010 U	47.90	0.0021	0.0091	0.0065	0.1140	0.00100 U
3/29/21	0.0010 U	0.0010 U	0.0462	0.0010 U	--	0.0010 U	50.60	0.0010 U	0.0029	0.0041	0.0234 J	0.00100 U
9/7/21	0.0010 U	0.0010 U	0.0485	0.0010 U	--	0.0010 U	92.70	0.0010	0.0010	0.0018	0.1020	0.00100 U
3/29/22	0.0010 U	0.0010 U	0.0555	0.0010 U	--	0.0010 U	109.00	0.0017	0.0078	0.0061	0.2780	0.00130

Gude Landfill
Monitoring Location OB07A - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002			
4/27/01	--	0.31700	0.001700	0.0056	--	0.00180 U	0.0052 U	--	0.0009 U	0.2000 U	0.00060 U	--
9/4/01	--	0.81540	0.002300	0.0116	--	0.00220	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U	--
3/12/02	--	0.27520	0.001100	0.0100 U	--	0.00340	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U	--
9/16/02	--	1.07600	0.002500	0.0136	--	0.01030	0.0096 U	--	0.0010 U	0.0020 U	0.00030 U	--
6/2/03	--	0.16990	0.000600	0.0068	--	0.00240	0.0096 U	--	0.0010 U	0.0008 U	0.00200 U	--
10/8/03	--	0.09040	0.000300	0.0043	--	0.00200 U	0.0022 U	--	0.0004 U	0.0003 U	0.00040 U	--
3/24/04	--	0.30460	0.000400	0.0047	--	0.00200 U	0.0022 U	--	0.0004 U	0.0020 U	0.00200 U	--
9/21/04	--	0.04370	0.000300	0.0024	--	0.00220	0.0018 U	--	0.0006 U	0.0003 U	0.00040 U	--
4/6/05	--	0.02370	0.000300	0.0025	--	0.00200 U	0.0018 U	--	0.0006 U	0.0050 U	0.00040 U	--
9/21/05	--	0.20410	0.000500	0.0037	--	0.00200 U	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U	--
4/5/06	--	0.11680	0.000200	0.0044	--	0.00420	0.0004 U	--	0.0004 U	0.0050 U	0.00040 U	--
9/26/06	--	0.06920	0.000900	0.0023	--	0.00200	0.0005 U	--	0.0007 U	0.0050 U	0.00070 U	--
4/18/07	--	--	0.000700	0.0039	--	0.00340	0.0005 U	--	0.0007 U	0.0500 U	0.00070 U	0.00650
10/2/07	--	--	0.000500	0.0059	--	0.00440	0.0005 U	--	0.0007 U	0.0020 U	0.00070 U	0.00860
3/25/08	--	--	0.000500	0.0043	--	0.00320	0.0008 U	--	0.0006 U	0.0500 U	0.00060 U	0.01000 U
9/23/08	--	--	0.000400	0.0041	--	0.00400 U	0.0016 U	--	0.0012 U	0.0011 U	0.00120 U	0.02000 U
3/10/09	--	--	0.000900	0.0200 U	--	0.01000 U	0.0043 U	--	0.0008 U	0.0011 U	0.00150 U	0.01000 U
9/21/09	51.200	0.05920	0.001000	0.0060	2.660	0.00830	0.0020 U	30.20	0.0020 U	--	0.00200 U	0.01000 U
7/26/10	--	--	0.001200	0.0036	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U	0.01100
9/20/10	41.600	0.09540	0.000470	0.0050 U	2.560	0.00640	0.0050 U	26.10	0.0050 U	--	0.00500 U	0.00790
4/19/11	49.300 J	0.07000	0.000750	0.0050 U	2.300	0.00950	0.0050 U	25.60 J	0.0050 U	--	0.00500 U	0.00516
9/7/11	52.500	0.07160	0.000560	--	2.440	0.00935	0.0050 U	26.30	0.0050 U	--	0.00500 U	0.00500 U
3/6/12	48.300	0.06760	0.001070	0.0050 U	2.450	0.00589	0.0050 U	28.60	0.0050 U	--	0.00500 U	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB07A - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
9/11/12	50.200	0.08910	0.001160	0.0050 U	2.800	0.00838	0.0050 U	24.80	0.0050 U	--	0.00500 U	0.00570
3/27/13	48.900	0.07530	0.000684	0.0050 U	3.120	0.00869	0.0050 U	27.10	0.0050 U	--	0.00500 U	0.00500 U
9/11/13	51.900	0.07040	0.000707	0.0102	2.550	0.00894	0.0050 U	24.90	0.0050 U	--	0.00500 U	0.00660
3/24/14	52.900	0.06650	0.000847	0.0050 U	2.450	0.00692	0.0050 U	26.10	0.0050 U	--	0.00500 U	0.00500 U
9/2/14	46.000	0.07620	0.000724	0.0050 U	2.250	0.00927	0.0050 U	24.20	0.0050 U	--	0.00500 U	0.00834
3/17/15	50.000	0.09400	0.001000	0.0090 J	2.400	0.01100 J	0.0100 U	24.00	0.0020 U	--	0.01000 U	0.01000 U
9/9/15	53.000	0.05200	0.000780	0.0100 U	2.500	0.01300	0.0010 U	27.00	0.0010 U	--	0.00500 U	0.00500 U
3/17/16	21.900	0.15300	0.000200 U	0.0054	2.760	0.00449	0.0001 U	16.00	0.0010 U	--	0.00200 U	0.00522
8/31/16	22.200	0.20200	0.000200 U	0.0053	3.000	0.00458	0.0020 U	16.40	0.0010 U	--	0.00200 U	0.00522
3/7/17	60.000	0.08620	0.000429	0.0072	2.400	0.01400	0.0020 U	28.90	0.0010 U	--	0.00244	0.00248
9/11/17	63.500	0.09710	0.000530	0.0042	2.470	0.00820	0.0020 U	29.80	0.0010 U	--	0.00200 U	0.00227
4/4/18	37.900	0.23600	0.000233	0.0080	3.320	0.00957	0.0020 U	22.70	0.0010 U	--	0.00200 U	0.01740
9/4/18	24.900	0.22400	0.000200 U	0.0063	3.110	0.00610	0.0020 U	17.30	0.0010 U	--	0.00200 U	0.00823
4/8/19	55.500	0.07170	0.000886	0.0031	2.320	0.00100 U	0.0010 U	28.50	0.0010 U	--	0.00100 U	0.00400 U
7/30/19	38.700	0.12800	0.000413	0.0042	2.460	0.00100 U	0.0010 U	22.20 B	0.0010 U	--	0.00100 U	0.00788
3/2/20	51.300	0.14200	0.000702	0.0040	2.690	0.00100 U	0.0010 U	26.90	0.0010 U	--	0.00100 U	0.00400 U
7/29/20	25.900	0.51100	0.000119	0.0065	3.010	0.00100 U	0.0010 U	18.80	0.0010 U	--	0.00100 U	0.00699
3/29/21	24.900	0.24500	0.000136	0.0046	3.080	0.00100 U	0.0010 U	18.60	0.0010 U	--	0.00100 U	0.00987
9/7/21	59.800	0.12500	0.000748	0.0040	2.580	0.00100 U	0.0010 U	30.00	0.0010 U	--	0.00100 U	0.00400 U
3/29/22	60.100	0.32400	0.000746	0.0042	3.250 B	0.00100 U	0.0010 U	29.70	0.0010 U	--	0.00100 U	0.00749

Gude Landfill

Printed 5/25/22

Monitoring Location OB07A - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200		5		7				0.2	0.05	600	5	5		75
4/27/01	0.18 U	0.15 U	0.23 U	1.00 U	0.19 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/4/01	0.18 U	0.15 U	0.23 U	1.00 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
3/12/02	0.18 U	0.15 U	0.23 U	1.00 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/16/02	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
6/2/03	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
10/8/03	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	1.00 U	0.17 U	0.21 U	0.19 U	1.00 U
3/24/04	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/21/04	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/6/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/5/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/26/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	11.00 U	0.27 U	0.34 U	0.33 U	11.00 U
4/18/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
10/2/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
3/25/08	0.18 U	0.18 U	0.21 U	0.23 U	0.22 U	0.18 U	0.26 U	0.14 U	0.24 U	0.16 U	10.00 U	0.18 U	0.17 U	0.20 U	0.23 U
9/23/08	0.12 U	0.17 U	0.14 U	0.17 U	0.14 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	0.10 U	0.13 U	0.15 U	0.13 U	10.00 U
3/10/09	0.12 U	0.17 U	0.14 U	0.17 U	0.14 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	0.50 U	0.13 U	0.15 U	0.13 U	0.82
9/21/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.78 J
7/26/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Printed 5/25/22

Monitoring Location OB07A - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
4/19/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/7/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/6/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/11/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/2/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.23
9/11/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/2/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB07A - Volatile Organic Compounds

Printed 5/25/22

MCL/ GWPS	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
						5		80	80			5	100		80
4/27/01	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
9/4/01	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
3/12/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
9/16/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
6/2/03	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
10/8/03	0.27	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
3/24/04	0.22	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	1.00 U	1.06	0.15 U	0.28 U	0.20 U	0.23 U
9/21/04	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	8.93	0.25 U	0.40 U	0.31 U	0.27 U
4/6/05	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/21/05	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/5/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/26/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/18/07	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
10/2/07	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
3/25/08	--	--	--	--	--	0.24 U	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	0.17 U	0.10 U	0.21 U
9/23/08	--	--	--	--	--	0.09 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.16 U	0.13 U	0.12 U
3/10/09	--	--	--	--	--	0.50 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.50 U	0.13 U	0.12 U
9/21/09	0.32 J	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	1.00 U	1.00 U	1.00 U
7/26/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB07A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
4/19/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.02	1.00 U	1.00 U
9/11/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	5.00 U	5.00 U	5.00 U	5.40	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/2/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB07A - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
4/27/01	0.21 U	2.46	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	2.28	0.24 U	0.22 U
9/4/01	0.21 U	2.50	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	3.89	0.27 U	0.21 U	3.36	0.24 U	0.22 U
3/12/02	0.21 U	3.43	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	1.00 U	0.27 U	0.21 U	4.64	0.24 U	0.22 U
9/16/02	0.21 U	2.06	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.95	0.24 U	0.22 U
6/2/03	0.21 U	2.56	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	3.49	0.24 U	0.22 U
10/8/03	0.21 U	2.66	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
3/24/04	1.00 U	1.67	0.19 U	0.17 U	0.26 U	0.28 U	1.00 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.23	0.24 U	0.22 U
9/21/04	0.25 U	1.25	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.41	0.32 U	0.45 U
4/6/05	0.25 U	1.01	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.75	0.32 U	0.45 U
9/21/05	0.25 U	1.45	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.15	0.32 U	0.45 U
4/5/06	0.25 U	1.05	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.41	0.32 U	0.45 U
9/26/06	0.25 U	2.60	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	1.00 U	0.34 U	0.18 U	0.25 U	2.56	0.32 U	0.45 U
4/18/07	0.25 U	2.02	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.59	0.32 U	0.45 U
10/2/07	0.25 U	2.02	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.46	0.32 U	0.45 U
3/25/08	0.15 U	2.09	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.15 U	0.12 U	0.22 U	0.20 U	1.91	0.28 U	0.22 U
9/23/08	0.20 U	1.85	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	2.12	0.12 U	0.14 U
3/10/09	0.20 U	3.51	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.69	0.50 U	0.11 U	0.11 U	2.66	0.12 U	0.14 U
9/21/09	1.00 U	3.00	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	0.52 J	0.42 J	1.00 U	1.00 U	1.81	1.00 U	1.00 U
7/26/10	1.00 U	3.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	2.00	1.00 U	1.00 U
9/20/10	1.20 J	1.80 J	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.82 J	2.00 U	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB07A - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
4/19/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	2.00	1.00 U	1.00 U
9/7/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	5.80	--	1.00 U	23.00	1.00 U	1.00 U
3/6/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00	1.00 U	1.00 U
9/11/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/13	1.00 U	2.18	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.06	1.00 U	1.00 U
9/11/13	1.00 U	1.58	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.99	1.00 U	1.00 U
3/24/14	1.00 U	2.17	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.83	1.00 U	1.00 U
9/2/14	1.00 U	1.55	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U
3/17/15	1.00 U	1.74	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U
9/9/15	1.00 U	1.73	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.43	1.00 U	1.00 U
3/17/16	1.00 U	1.37	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.34	1.00 U	1.00 U
8/31/16	1.00 U	1.26	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.45	1.00 U	1.00 U
3/7/17	1.00 U	2.28	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.32	1.00 U	1.00 U
9/11/17	1.00 U	1.89	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.08	1.00 U	1.00 U
4/4/18	1.00 U	1.50	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.26	1.00 U	1.00 U
9/4/18	1.00 U	1.29	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.05	1.00 U	1.00 U
4/8/19	1.00 U	1.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	1.00 U	1.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	1.00 U	1.00 U
3/2/20	1.00 U	1.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U
7/29/20	1.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U
3/29/21	1.00 U	1.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	1.00 U
9/7/21	1.00 U	1.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	1.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB07A - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
4/27/01	0.13 U	0.14 U	1.02	0.18 U	--	--	--
9/4/01	0.13 U	0.14 U	1.24	1.00 U	--	--	--
3/12/02	0.13 U	0.14 U	1.61	1.00 U	--	--	--
9/16/02	0.13 U	0.14 U	1.00 U	1.00 U	--	--	--
6/2/03	0.13 U	0.14 U	1.09	1.00 U	--	--	--
10/8/03	0.13 U	1.00 U	1.22	1.00 U	--	0.07	--
3/24/04	0.13 U	1.00 U	1.00 U	1.00 U	--	0.11	--
9/21/04	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
4/6/05	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
9/21/05	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
4/5/06	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
9/26/06	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
4/18/07	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
10/2/07	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
3/25/08	0.08 U	--	0.59	0.50 U	--	0.22 U	--
9/23/08	0.13 U	--	0.63	0.10 U	--	0.18 U	--
3/10/09	0.13 U	--	0.93	0.50 U	--	0.18 U	--
9/21/09	1.00 U	1.00 U	0.87 J	1.00 U	--	1.00 U	--
7/26/10	1.00 U	5.00 U	0.80 J	1.00 U	1.00 U	1.00 U	--
9/20/10	2.00 U	2.00 U	0.88 J	2.00 U	2.00 U	2.00 U	--

Gude Landfill
Monitoring Location OB07A - Volatile Organic Compounds

Printed 5/25/22

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
4/19/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/11	1.00 U	5.00 U	21.00	1.00 U	1.00 U	1.00 U	1.00 U
3/6/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/27/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/24/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/2/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/17/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/9/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/17/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
8/31/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/7/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/4/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/4/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/30/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/2/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/29/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location OB07 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/19/11	0.005 U	0.005 U	0.026	0.005 U	0.005 U	101.0	0.01 U	0.01 U	0.005 U	0.5 U	0.005 U	30.6	0.040	0.0002 U
9/7/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/6/12	0.005 U	0.005 U	0.024	0.005 U	0.005 U	114.0	0.01 U	0.01 U	0.005	0.5	0.005 U	36.6	0.034	0.0002 U
9/11/12	0.005 U	0.005 U	0.027	0.010 U	0.005 U	113.0	0.01 U	0.01 U	0.005 U	0.6	0.005 U	34.8	0.040	0.0004
3/27/13	0.005 U	0.005 U	0.029	0.005 U	0.005 U	114.0	0.01 U	0.01 U	0.013	0.7	0.005 U	34.0	0.041	0.0003
9/11/13	0.005 U	0.005 U	0.029	0.005 U	0.005 U	120.0	0.01 U	0.01 U	0.005 U	0.5	0.005 U	37.5	0.039	0.0004
3/24/14	0.005 U	0.005 U	0.029	0.005 U	0.005 U	128.0	0.01 U	0.01 U	0.005 U	0.7	0.005 U	40.7	0.039	0.0003
9/2/14	0.005 U	0.005 U	0.034	0.005 U	0.005 U	126.0	0.01 U	0.01 U	0.005 U	0.7	0.005 U	40.7	0.040	0.0004
3/17/15	0.002 U	0.003	0.035	0.002 U	0.004 U	130.0	0.01 U	0.01 U	0.003 J	0.0 U	0.002 U	36.0	0.110	0.0002 U
9/9/15	0.001 U	0.001 U	0.026	0.001 U	0.001 U	140.0	0.01 U	0.01 U	0.005 U	0.0 U	0.001 U	39.0	0.062	0.0003
3/17/16	0.002 U	0.002 U	0.028	0.002 U	0.002 U	127.0	0.00 U	0.00 U	0.002	0.8	0.002 U	38.9	0.076	0.0002 U
8/31/16	0.002 U	0.003	0.030	0.002 U	0.002 U	127.0	0.00 U	0.00 U	0.002	0.7	0.002 U	38.6	0.093	0.0002 U
3/7/17	0.002 U	0.002	0.034	0.002 U	0.002 U	127.0	0.00	0.00 U	0.003	0.7	0.002 U	39.8	0.113	0.0002 U
9/11/17	0.002 U	0.002 U	0.030	0.002 U	0.002 U	127.0	0.00 U	0.00 U	0.002 U	0.6	0.002 U	38.7	0.110	0.0002 U
4/4/18	0.002 U	0.003	0.034	0.002 U	0.002 U	126.0	0.00	0.00 U	0.002 U	0.1 U	0.002 U	37.9	0.102	0.0002 U
9/4/18	0.002 U	0.003	0.026	0.002 U	0.002 U	147.0	0.00	0.00 U	0.003	0.1 U	0.002 U	42.9	0.056	0.0002 U

Gude Landfill

Printed 5/25/22

Monitoring Location OB07 - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/19/11	0.01 U	3.3	0.008	0.01 U	19.4	0.005 U	0.01 U	0.005 U
9/7/11	0.01 U	--	--	--	--	--	--	--
3/6/12	0.01 U	3.1	0.006	0.01 U	26.1	0.005 U	0.01 U	0.005 U
9/11/12	0.01 U	3.5	0.008	0.01 U	20.7	0.005 U	0.01 U	0.005 U
3/27/13	0.01 U	4.5	0.008	0.01 U	22.7	0.005 U	0.01 U	0.005 U
9/11/13	0.01	3.2	0.008	0.01 U	20.6	0.005 U	0.01 U	0.005 U
3/24/14	0.01 U	3.4	0.007	0.01 U	22.3	0.005 U	0.01 U	0.005 U
9/2/14	0.01 U	3.5	0.010	0.01 U	22.8	0.005 U	0.01 U	0.008
3/17/15	0.01 U	3.5	0.010 J	0.01 U	21.0	0.002 U	0.01 U	0.010 U
9/9/15	0.01 U	3.8	0.008	0.00 U	22.0	0.001 U	0.01 U	0.005 U
3/17/16	0.00	3.2	0.007	0.00 U	21.7	0.001 U	0.00 U	0.002 U
8/31/16	0.00	3.4	0.009	0.00 U	23.0	0.001 U	0.00 U	0.002 U
3/7/17	0.00	3.2	0.012	0.00 U	22.7	0.001 U	0.00	0.003
9/11/17	0.00 U	3.3	0.006	0.00 U	21.9	0.001 U	0.00 U	0.002
4/4/18	0.00	3.2	0.009	0.00 U	21.7	0.001 U	0.00 U	0.002
9/4/18	0.00	3.4	0.012	0.00 U	22.3	0.001 U	0.00 U	0.002 U

Gude Landfill
Monitoring Location OB07 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
MCL/ GWPS					0.2			10		1				
4/27/01	--	--	--	76.9260	0.001 U	--	--	--	--	--	--	--	--	--
9/4/01	--	--	--	75.2252	0.005	--	--	--	--	--	--	--	--	--
3/12/02	--	--	--	84.9507	0.002	--	--	--	--	--	--	--	--	--
9/16/02	--	--	--	79.5643	0.001 U	--	--	--	--	--	--	--	--	--
6/2/03	--	--	--	102.3990	0.002 U	--	--	--	--	--	--	--	--	0.010 U
10/8/03	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.010 U
3/24/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.010 U
9/21/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.001 U
4/6/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.003 U
9/21/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.010 U
4/5/06	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.010
9/26/06	--	--	--	--	0.001 U	--	--	--	--	--	--	--	--	0.027
4/18/07	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.011
10/2/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.069
3/25/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/23/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/21/09	163.0	0.20 U	7.0 J	150.0000	--	--	331.0	0.5482	--	--	--	--	--	--
7/26/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/20/10	184.0	0.20 U	10.0 U	171.0000	--	--	360.0	0.6580	0.71	0.05 U	--	--	--	--

Gude Landfill
Monitoring Location OB07 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
4/19/11	175.0	0.20 U	14.0	193.0000 J	--	--	407.0	0.8610	0.91	0.05 U	--	--	--	--
9/7/11	169.0	0.20 U	5.2	194.0000	--	--	409.0	0.8190	0.87	0.05 U	--	--	--	--
3/6/12	176.0	0.20 U	11.7	199.0000	--	--	412.0	0.8232	0.88	0.05	--	--	--	--
9/11/12	172.0	0.20 U	10.0 U	202.0000	--	--	410.0	0.8309	0.89	0.06	--	--	--	--
3/27/13	178.0	0.20 U	11.2	222.0000	--	0.02	434.0	0.8996	0.96	0.06	379.0	6.74	--	--
9/11/13	181.0	0.20 U	10.0 U	223.0000	--	0.03	452.0	0.9600	1.01	0.05 U	353.0	6.41	--	--
3/24/14	191.0	0.20 U	14.3	226.0000	--	0.62	494.0	0.9667	--	--	461.0	6.58	--	--
9/2/14	196.0	0.20 U	15.9	243.0000	--	1.34	508.0	1.0000	1.05	0.05 U	356.0	6.65	--	--
3/17/15	184.0	0.20 U	11.3	206.0000	--	0.00	450.0	0.8460	0.90	0.05 U	374.0	6.63	--	--
9/9/15	200.0	0.20 U	13.8	235.0000	--	--	488.0	0.9093	0.97	0.06	287.0	6.64	--	--
3/17/16	198.0	0.20 U	10.0 U	236.0000	--	0.00	464.0	0.8753	0.95	0.07	339.0	6.86	--	--
8/31/16	204.0	0.20 U	12.0	224.0000	--	--	476.0	0.7904	0.84	0.05	403.0	6.47	--	--
3/7/17	187.0	0.20 U	12.9	214.0000	--	--	440.0	0.7320	0.78	0.05 U	354.0	6.59	--	--
9/11/17	200.0	0.20 U	13.8	209.0000	--	--	492.0	0.7540	0.81	0.05	450.0	6.62	--	--
4/4/18	188.0	0.20 U	19.6	213.0000	--	--	464.0	0.7530	0.80	0.05 U	264.0	6.65	--	--
9/4/18	212.0	0.20 U	17.7	250.0000	--	--	361.0	0.8500	0.91	0.06	195.0	6.67	--	--
4/8/19	221.0	0.10 U	21.1	230.0000	--	0.05	527.0 B	0.2000 U	--	--	145.0	6.62	6.73	--
7/30/19	214.0	0.10 U	31.8	229.0000	--	0.25	525.0 B	1.4000	--	--	199.9	6.44	6.59	--
3/2/20	220.0	0.12	3.0 U	242.0000	--	0.90	491.0	1.6100	--	--	180.7	6.42	6.68	--
7/29/20	195.0	0.10 U	23.5	232.0000	--	1.10	492.0	0.6100	--	--	126.8	6.86	6.64	--
3/29/21	226.0	0.10 U	11.1	238.0000	--	0.07	475.0	0.7410	--	--	176.4	6.52	6.67	--
9/7/21	228.0	0.05 U	33.1	238.0000	--	0.77	545.0	0.7720	--	--	233.9	6.49	6.53	--

Gude Landfill
Monitoring Location OB07 - General Parameters

Printed 5/25/22

Date	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
3/29/22	223.0	0.03	9.8	244.0000	--	1.06	579.0	0.7780	--	--	118.9	6.37	6.57	--

Gude Landfill
Monitoring Location OB07 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS										
4/27/01	--	--	--	--	--	--	--	--	0.900	--
9/4/01	--	--	--	--	--	--	--	--	1.100	--
3/12/02	--	--	--	--	--	--	--	--	0.400	--
9/16/02	--	--	--	--	--	--	--	--	3.400	--
6/2/03	--	--	--	--	--	--	0 U	--	3.500	--
10/8/03	--	--	--	--	--	--	0 U	--	--	--
3/24/04	--	--	--	--	--	--	0 U	--	--	--
9/21/04	--	--	--	--	--	--	0 U	--	--	--
4/6/05	--	--	--	--	--	--	0 U	--	--	--
9/21/05	--	--	--	--	--	--	0	--	--	--
4/5/06	--	--	--	--	--	--	0	--	--	--
9/26/06	--	--	--	--	--	--	0	--	--	--
4/18/07	--	--	--	--	--	--	0 U	--	--	--
10/2/07	--	--	--	--	--	--	0	--	--	--
3/25/08	--	--	--	--	--	--	0 U	--	--	--
9/23/08	--	--	--	--	--	--	0 U	--	--	--
9/21/09	--	--	13.40	--	--	644.0	--	--	0.283	--
7/26/10	--	--	--	3.0 U	--	--	--	--	--	--
9/20/10	--	--	19.20	--	--	1068.0	--	--	40.700	--

Gude Landfill
Monitoring Location OB07 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
4/19/11	--	--	20.40 J	--	--	800.0	--	--	0.939	--
9/7/11	--	--	21.00	--	--	984.0	--	--	--	--
3/6/12	--	--	20.20	--	--	708.0	--	--	--	--
9/11/12	--	--	23.00	--	--	828.0	--	--	--	--
3/27/13	1.1	--	24.10	--	12.4	666.0	--	--	--	42.50
9/11/13	992.5	--	24.60	--	13.8	724.0	--	--	--	0.00
3/24/14	1025.0	--	27.90	--	12.4	624.0	--	--	--	1.23
9/2/14	1057.0	--	32.50	--	13.6	824.0	--	--	--	0.30
3/17/15	874.0	--	26.90	--	14.4	636.0	--	--	--	24.10
9/9/15	1048.0	--	29.50	--	13.8	625.0	--	--	--	5.00
3/17/16	1018.0	--	28.80	--	12.6	791.0	--	--	--	14.10
8/31/16	1031.0	--	30.20	--	16.0	807.0	--	--	--	19.80
3/7/17	950.0	--	29.10	--	14.3	527.0	--	--	--	27.10
9/11/17	981.6	--	32.80	--	13.2	742.0	--	--	--	15.70
4/4/18	923.0	--	29.20	--	13.3	605.0	--	--	--	20.30
9/4/18	1135.0	--	31.70	--	14.2	728.0	--	--	--	10.90
4/8/19	1420.0	1190.0	41.40	--	13.1	923.0	--	2.6 U	1.420	2.30
7/30/19	1009.0	1200.0	47.00	--	13.6	1020.0	--	5.7	1.140	0.00
3/2/20	1036.0	1180.0	46.20	--	12.7	849.0	--	6.2	5.140	0.90
7/29/20	994.0	1220.0	38.70	--	15.9	709.0	--	11.6	5.090	6.90
3/29/21	997.0	1260.0	45.70	--	12.1	678.0	--	26.7	7.570	3.10
9/7/21	1100.0	1230.0	47.80	--	15.8	692.0	--	12.2	13.900	14.00

Gude Landfill
Monitoring Location OB07 - General Parameters

Printed 5/25/22

Date	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
3/29/22	1022.0	1291.0	48.80	--	10.6	740.0	--	120.0	117.000	180.23

Gude Landfill
Monitoring Location OB07 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
4/27/01	0.0020 U	0.0005 U	0.0404	0.0005 U	--	0.0037	--	0.0039	0.0007 U	0.0100 U	--	0.00130 U
9/4/01	0.0020 U	0.0007 U	0.0485	0.0017 U	--	0.0020 U	--	0.0020 U	0.0004 U	0.0086	--	0.00200 U
3/12/02	0.0005 U	0.0020 U	0.0471	0.0017 U	--	0.0006 U	--	0.0039	0.0004 U	0.0067	--	0.00200 U
9/16/02	0.0007 U	0.0024	0.0588	0.0004 U	--	0.0020 U	--	0.0049	0.0020 U	0.0073	--	0.00200 U
6/2/03	0.0020 U	0.0020 U	0.0561	0.0004 U	--	0.0020 U	--	0.0020 U	0.0004 U	0.0087	--	0.00200 U
10/8/03	0.0009 U	0.0008 U	0.0507	0.0016 U	--	0.0007 U	--	0.0020 U	0.0005 U	0.0100 U	--	0.00040 U
3/24/04	0.0009 U	0.0008 U	0.0598	0.0016 U	--	0.0007 U	--	0.0020 U	0.0005 U	0.0100 U	--	0.00200 U
9/21/04	0.0028 U	0.0006 U	0.0815	0.0012 U	--	0.0020 U	--	0.0020 U	0.0005 U	0.0108	--	0.00200 U
4/6/05	0.0028 U	0.0006 U	0.0658	0.0012 U	--	0.0020 U	--	0.0020 U	0.0005 U	0.0100 U	--	0.00060 U
9/21/05	0.0028 U	0.0006 U	0.0831	0.0012 U	--	0.0020 U	--	0.0020 U	0.0005 U	0.0129	--	0.00200 U
4/5/06	0.0006 U	0.0020 U	0.0938	0.0007 U	--	0.0020 U	--	0.0020 U	0.0005 U	0.0050	--	0.00200 U
9/26/06	0.0007 U	0.0008 U	0.0172	0.0009 U	--	0.0006 U	--	0.0007 U	0.0005 U	0.0057	--	0.00200 U
4/18/07	0.0007 U	0.0020 U	0.0928	0.0009 U	0.020 U	--	--	0.0007 U	0.0005 U	0.0053	--	0.00070 U
10/2/07	0.0020 U	0.0020 U	0.0903	0.0009 U	0.020 U	--	--	0.0034	0.0020 U	0.0137	--	0.00310
3/25/08	0.0005 U	0.0006 U	0.0511	0.0010 U	0.020 U	--	--	0.0008 U	0.0012 U	0.0033	--	0.00100 U
9/23/08	0.0010 U	0.0012 U	0.0406	0.0020 U	0.040 U	--	--	0.0016 U	0.0024 U	0.0080	--	0.00400 U
3/10/09	0.0010 U	0.0010 U	0.0252	0.0012 U	0.050 U	--	--	0.0007 U	0.0007 U	0.0100 U	--	0.00070 U
9/21/09	0.0020 U	0.0020 U	0.0250	0.0020 U	--	0.0020 U	99.50	0.0020 U	0.0020 U	0.0062	0.2620	0.00200 U
7/26/10	0.0010 U	0.0005 J	0.0190	0.0010 U	--	0.0010 U	--	0.0010	0.0010 U	0.0024	--	0.00100 U
9/20/10	0.0050 U	0.0050 U	0.0333	0.0050 U	--	0.0050 U	102.00	0.0050 U	0.0050 U	0.0132	2.1400	0.00500 U
4/19/11	0.0050 U	0.0050 U	0.0256	0.0050 U	--	0.0050 U	114.00 J	0.0050 U	0.0050 U	0.0050 U	1.0800	0.00500 U
9/7/11	0.0050 U	0.0050 U	0.0257	0.0050 U	--	0.0050 U	112.50	0.0050 U	0.0050 U	0.0050 U	0.6590	0.00500 U
3/6/12	0.0050 U	0.0050 U	0.0261	0.0050 U	--	0.0050 U	108.00	0.0050 U	0.0050 U	0.0091	0.9570	0.00500 U

Gude Landfill
Monitoring Location OB07 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
9/11/12	0.0050 U	0.0050 U	0.0265	0.0050 U	--	0.0050 U	113.00	0.0050 U	0.0050 U	0.0056	0.8370	0.00500 U
3/27/13	0.0050 U	0.0050 U	0.0338	0.0050 U	--	0.0050 U	115.00	0.0050 U	0.0050 U	0.0135	1.7800	0.00500 U
9/11/13	0.0050 U	0.0050 U	0.0287	0.0050 U	--	0.0050 U	123.00	0.0050 U	0.0050 U	0.0050 U	0.5640	0.00500 U
3/24/14	0.0050 U	0.0050 U	0.0290	0.0050 U	--	0.0050 U	127.00	0.0050 U	0.0050 U	0.0050 U	0.6990	0.00500 U
9/2/14	0.0050 U	0.0050 U	0.0325	0.0050 U	--	0.0050 U	124.00	0.0050 U	0.0050 U	0.0050 U	0.7420	0.00500 U
3/17/15	0.0020 U	0.0021	0.0380	0.0020 U	--	0.0040 U	130.00	0.0100 U	0.0100 U	0.0052 J	0.7800	0.00130 J
9/9/15	0.0010 U	0.0029	0.0240	0.0010 U	--	0.0005 U	130.00	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.00100 U
3/17/16	0.0020 U	0.0020 U	0.0285	0.0020 U	--	0.0020 U	131.00	0.0020 U	0.0020 U	0.0025	0.9240	0.00200 U
8/31/16	0.0020 U	0.0020 U	0.0288	0.0020 U	--	0.0020 U	128.00	0.0020 U	0.0020 U	0.0028	1.0900	0.00200 U
3/7/17	0.0050 U	0.0050 U	0.0427	0.0050 U	--	0.0050 U	125.00	0.0050 U	0.0050 U	0.0050 U	1.2500	0.00500 U
9/11/17	0.0050 U	0.0050 U	0.0360	0.0050 U	--	0.0050 U	131.00	0.0050 U	0.0050 U	0.0059	0.9400	0.00500 U
4/4/18	0.0050 U	0.0050 U	0.0404	0.0050 U	--	0.0050 U	126.00	0.0050 U	0.0050 U	0.0050 U	0.6660	0.00500 U
9/4/18	0.0050 U	0.0050 U	0.0306	0.0050 U	--	0.0050 U	73.40	0.0050 U	0.0050 U	0.0050 U	0.3060	0.00500 U
4/8/19	0.0010 U	0.0010 U	0.0366	0.0010 U	--	0.0010 U	127.00	0.0010 U	0.0010 U	0.0023	0.1000 U	0.00100 U
7/30/19	0.0010 U	0.0010 U	0.0472	0.0010 U	--	0.0010 U	133.00 B	0.0020	0.0010 U	0.0066	0.1000 U	0.00100 U
3/2/20	0.0010 U	0.0010 U	0.0382	0.0010 U	--	0.0010 U	130.00	0.0018	0.0010 U	0.0018	0.2460	0.00100 U
7/29/20	0.0010 U	0.0010 U	0.0898	0.0010 U	--	0.0010 U	124.00	0.0043	0.0010 U	0.0109	0.3000	0.00100 U
3/29/21	0.0010 U	0.0010 U	0.0448	0.0010 U	--	0.0010 U	118.00	0.0014	0.0010 U	0.0054	0.4440	0.00100 U
9/7/21	0.0010 U	0.0010 U	0.0391	0.0010 U	--	0.0010 U	134.00	0.0016	0.0010 U	0.0046	0.8250	0.00138
3/29/22	0.0010 U	0.0010 U	0.0425	0.0010 U	--	0.0010 U	148.00	0.0038	0.0020	0.0123	2.2300	0.00764

Gude Landfill
Monitoring Location OB07 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002			
4/27/01	--	0.01700	0.000200 U	0.0020 U	--	0.00180 U	0.0052 U	--	0.0009 U	0.2000 U	0.00200 U	--
9/4/01	--	0.00660	0.000100 U	0.0030 U	--	0.00200 U	0.0044 U	--	0.0009 U	0.2000 U	0.00200 U	--
3/12/02	--	0.00460	0.000100 U	0.0030 U	--	0.00320	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U	--
9/16/02	--	0.03440	0.000100 U	0.0031	--	0.00890	0.0096 U	--	0.0010 U	0.0020 U	0.00030 U	--
6/2/03	--	0.00850	0.000200 U	0.0020 U	--	0.00250	0.0096 U	--	0.0010 U	0.0008 U	0.00200 U	--
10/8/03	--	0.01000 U	0.000200 U	0.0020 U	--	0.00200 U	0.0022 U	--	0.0004 U	0.0003 U	0.00200 U	--
3/24/04	--	0.01000 U	0.000200 U	0.0020 U	--	0.00070 U	0.0022 U	--	0.0004 U	0.0020 U	0.00200 U	--
9/21/04	--	0.00430	0.000100 U	0.0020 U	--	0.00200 U	0.0018 U	--	0.0006 U	0.0003 U	0.00200 U	--
4/6/05	--	0.00380	0.000100 U	0.0009 U	--	0.00200 U	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U	--
9/21/05	--	0.02320	0.000100 U	0.0020 U	--	0.00200 U	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U	--
4/5/06	--	0.07720	0.000100 U	0.0022	--	0.00420	0.0004 U	--	0.0004 U	0.0050 U	0.00040 U	--
9/26/06	--	0.04790	0.000300	0.0020 U	--	0.00200 U	0.0005 U	--	0.0007 U	0.0050 U	0.00070 U	--
4/18/07	--	--	0.000200 U	0.0024	--	0.00290	0.0005 U	--	0.0007 U	0.0500 U	0.00070 U	0.00750
10/2/07	--	--	0.000200 U	0.0056	--	0.00540	0.0005 U	--	0.0007 U	0.0020 U	0.00200 U	0.02300
3/25/08	--	--	0.000200 U	0.0022	--	0.00280	0.0008 U	--	0.0006 U	0.0500 U	0.00060 U	0.01000 U
9/23/08	--	--	0.000200 U	0.0040 U	--	0.00400 U	0.0016 U	--	0.0012 U	0.0011 U	0.00120 U	0.02000 U
3/10/09	--	--	0.000200 U	0.0100 U	--	0.01000 U	0.0043 U	--	0.0008 U	0.0011 U	0.00080 U	0.01000 U
9/21/09	26.100	0.03170	0.000200 U	0.0047	3.070	0.00440	0.0020 U	21.40	0.0020 U	--	0.00050 J	0.01000 U
7/26/10	--	--	0.000700	0.0008 J	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U	0.01300
9/20/10	28.500	0.22100	0.000280	0.0050 U	3.130	0.00580	0.0050 U	21.90	0.0050 U	--	0.00500 U	0.01120
4/19/11	35.200 J	0.03380	0.000490	0.0050 U	3.240	0.00710	0.0050 U	21.30 J	0.0050 U	--	0.00500 U	0.00500 U
9/7/11	34.800	0.03690	0.000310	--	3.420	0.00658	0.0050 U	20.80	0.0050 U	--	0.00500 U	0.00576
3/6/12	33.600	0.11300	0.000290	0.0050 U	3.400	0.00506	0.0050 U	24.50	0.0050 U	--	0.00500 U	0.00575

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB07 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
9/11/12	33.300	0.07240	0.000534	0.0050 U	3.540	0.00714	0.0050 U	19.50	0.0050 U	--	0.00500 U	0.00624
3/27/13	33.900	0.08270	0.000382	0.0050 U	4.660	0.00865	0.0050 U	22.90	0.0050 U	--	0.00500 U	0.00752
9/11/13	37.700	0.04150	0.000387	0.0069	3.470	0.00640	0.0050 U	20.80	0.0050 U	--	0.00500 U	0.00539
3/24/14	40.300	0.03940	0.000510	0.0050 U	3.300	0.00629	0.0050 U	22.10	0.0050 U	--	0.00500 U	0.00500 U
9/2/14	39.900	0.03900	0.000480	0.0050 U	3.450	0.00837	0.0050 U	22.60	0.0050 U	--	0.00500 U	0.00858
3/17/15	36.000	0.15000	0.000290	0.0054 J	3.700	0.00850 J	0.0100 U	21.00	0.0020 U	--	0.01000 U	0.00870 J
9/9/15	38.000	0.05700	0.000360	0.0100 U	3.800	0.01200	0.0010 U	22.00	0.0010 U	--	0.00500 U	0.00500 U
3/17/16	39.600	0.07700	0.000219	0.0020	3.240	0.00744	0.0001 U	22.20	0.0010 U	--	0.00200 U	0.00200 U
8/31/16	38.800	0.10100	0.000233	0.0023	3.270	0.00761	0.0020 U	21.90	0.0010 U	--	0.00200 U	0.00224
3/7/17	38.700	0.12600	0.000200 U	0.0059	3.220	0.01310	0.0050 U	22.00	0.0050 U	--	0.00500 U	0.00503
9/11/17	39.500	0.12700	0.000200 U	0.0050 U	3.330	0.00511	0.0050 U	22.40	0.0050 U	--	0.00500 U	0.03240
4/4/18	36.200	0.11400	0.000240	0.0050 U	3.390	0.00802	0.0050 U	20.70	0.0050 U	--	0.00500 U	0.01880
9/4/18	43.300	0.07220	0.000262	0.0067	3.530	0.01770	0.0050 U	22.90	0.0050 U	--	0.00500 U	0.00500 U
4/8/19	50.800	0.15400	0.000100 U	0.0012	4.770	0.00100 U	0.0010 U	26.50	0.0010 U	--	0.00100 U	0.00400 U
7/30/19	47.000	0.13500	0.000111	0.0017	4.620	0.00100 U	0.0010 U	25.70 B	0.0010 U	--	0.00100 U	0.00437
3/2/20	46.800	0.10100	0.000239	0.0018	3.670	0.00100 U	0.0010 U	24.80	0.0010 U	--	0.00104	0.00400 U
7/29/20	44.000	0.18300	0.000157	0.0043	6.060	0.00100 U	0.0010 U	28.00	0.0010 U	--	0.00100 U	0.00937
3/29/21	43.700	0.13400	0.000426	0.0010	5.740	0.00100 U	0.0010 U	26.40	0.0010 U	--	0.00153	0.01050
9/7/21	51.000	0.09680	0.000673	0.0019	3.710	0.00100 U	0.0010 U	24.80	0.0010 U	--	0.00201	0.00400 U
3/29/22	50.500	0.15100	0.003970	0.0033	4.940 B	0.00100 U	0.0010 U	24.40	0.0010 U	--	0.00426	0.01040

Gude Landfill
Monitoring Location OB07 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75
4/27/01	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/4/01	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
3/12/02	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/16/02	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
6/2/03	1.00 U	1.00 U	1.00 U	0.22 U	0.19 U	1.00 U	1.00 U	1.00 U	3.05	1.00 U	10.00 U	0.17 U	0.21 U	1.00 U	10.00 U
10/8/03	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	1.00 U	0.17 U	0.21 U	0.19 U	1.00 U
3/24/04	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	1.00 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/21/04	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/6/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	1.00 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/5/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/26/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/18/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
10/2/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
3/25/08	0.18 U	0.18 U	0.21 U	0.23 U	0.22 U	0.18 U	0.26 U	0.14 U	0.50 U	0.16 U	10.00 U	0.18 U	0.17 U	0.20 U	0.23 U
9/23/08	0.12 U	0.17 U	0.14 U	0.17 U	0.14 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	0.10 U	0.13 U	0.15 U	0.13 U	10.00 U
3/10/09	0.12 U	0.17 U	0.14 U	0.17 U	0.14 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	10.00 U	0.13 U	0.15 U	0.13 U	10.00 U
9/21/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.51 J
7/26/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB07 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
4/19/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/7/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	19.00	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.30	--	1.00 U
3/6/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/11/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/2/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/2/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB07 - Volatile Organic Compounds

Printed 5/25/22

MCL/ GWPS	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
						5		80	80			5	100		80
4/27/01	--	0.18 U	--	1.00 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
9/4/01	--	0.18 U	--	1.00 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
3/12/02	--	0.18 U	--	1.00 U	--	0.21 U	0.20 U	0.18 U	0.14 U	1.00 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
9/16/02	--	0.18 U	--	1.00 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
6/2/03	--	1.00 U	--	1.00 U	--	1.00 U	0.20 U	0.18 U	1.00 U	1.00 U	0.38 U	1.00 U	1.00 U	0.20 U	0.23 U
10/8/03	0.09	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
3/24/04	4.21	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	1.00 U	2.13	0.15 U	0.28 U	0.20 U	0.23 U
9/21/04	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	4.62	0.25 U	0.40 U	0.31 U	0.27 U
4/6/05	3.62	1.00 U	--	1.00 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	2.50 U	0.25 U	0.40 U	0.31 U	0.27 U
9/21/05	2.33	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/5/06	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/26/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/18/07	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
10/2/07	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
3/25/08	--	--	--	--	--	0.24 U	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	0.17 U	0.10 U	0.21 U
9/23/08	--	--	--	--	--	0.09 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.16 U	0.13 U	0.12 U
3/10/09	--	--	--	--	--	0.09 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.16 U	0.13 U	0.12 U
9/21/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	1.00 U	1.00 U	1.00 U
7/26/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB07 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
4/19/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	7.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	5.00 U	5.00 U	5.00 U	7.60	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/2/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

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Monitoring Location OB07 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
4/27/01	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	1.67	0.22 U
9/4/01	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	1.52	0.27 U	0.21 U	1.00 U	1.42	0.22 U
3/12/02	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	1.00 U	0.27 U	0.21 U	1.54	2.09	0.22 U
9/16/02	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	1.11	0.22 U
6/2/03	0.21 U	1.00 U	0.19 U	1.00 U	0.26 U	1.74	0.17 U	--	0.22 U	0.21 U	1.00 U	1.00 U	2.28	2.62	0.22 U
10/8/03	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	1.00 U	0.22 U
3/24/04	1.00 U	1.00 U	0.19 U	0.17 U	0.26 U	1.00 U	1.00 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	1.43	1.00 U
9/21/04	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	1.88	0.45 U
4/6/05	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	1.14	0.45 U
9/21/05	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
4/5/06	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
9/26/06	0.25 U	1.81	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.68	0.32 U	0.45 U
4/18/07	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
10/2/07	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
3/25/08	0.15 U	0.81	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.15 U	0.12 U	0.22 U	0.20 U	0.60	0.28 U	0.22 U
9/23/08	0.20 U	1.35	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	1.01	0.12 U	0.14 U
3/10/09	0.20 U	1.45	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	1.30	0.12 U	0.14 U
9/21/09	1.00 U	1.63	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.99 J	1.00 U	1.00 U
7/26/10	1.00 U	2.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00	1.00 U	1.00 U
9/20/10	1.38 J	1.48 J	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.61 J	2.00 U	2.00 U

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Monitoring Location OB07 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
4/19/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/7/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	23.00	1.00 U	1.00 U
3/6/12	1.00 U	1.70	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/11/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/13	1.00 U	1.70	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.52	1.00 U	1.00 U
9/11/13	1.00 U	1.66	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/14	1.00 U	1.70	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.19	1.00 U	1.00 U
9/2/14	1.00 U	1.67	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U
3/17/15	1.00 U	1.53	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/15	1.00 U	1.64	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.14	1.00 U	1.00 U
3/17/16	1.00 U	1.83	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.07	1.00 U	1.00 U
8/31/16	1.00 U	1.50	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/17	1.00 U	1.59	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/17	1.00 U	1.34	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/18	1.00 U	1.28	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/18	1.00 U	1.57	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	1.00 U	1.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	1.00 U	2.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	1.00 U
3/2/20	1.00 U	1.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/20	1.00 U	1.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	1.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	1.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	1.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill Monitoring Location OB07 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
4/27/01	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
9/4/01	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
3/12/02	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
9/16/02	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
6/2/03	0.13 U	0.14 U	1.00 U	1.00 U	--	--	--
10/8/03	0.13 U	0.14 U	1.00 U	0.18 U	--	0.06	--
3/24/04	0.13 U	1.00 U	1.00 U	1.00 U	--	0.22	--
9/21/04	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
4/6/05	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/21/05	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
4/5/06	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/26/06	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
4/18/07	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
10/2/07	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
3/25/08	0.08 U	--	0.23 U	0.07 U	--	0.22 U	--
9/23/08	0.13 U	--	0.50 U	0.10 U	--	0.18 U	--
3/10/09	0.13 U	--	0.50 U	0.10 U	--	0.18 U	--
9/21/09	1.00 U	1.00 U	0.53 J	1.00 U	--	1.00 U	--
7/26/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/20/10	2.00 U	2.00 U	0.72 J	2.00 U	2.00 U	2.00 U	--

Gude Landfill
Monitoring Location OB07 - Volatile Organic Compounds

Printed 5/25/22

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
4/19/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/11	1.00 U	5.00 U	23.00	1.00 U	1.00 U	1.00 U	1.00 U
3/6/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/27/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/24/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/2/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/17/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/9/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/17/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
8/31/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/7/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/4/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/4/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/30/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/2/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/29/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location OB08A - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/20/11	0.005 U	0.005 U	0.097	0.005 U	0.005 U	46.6	0.01 U	0.01	0.005 U	3.0	0.005 U	17.7	7.850	0.0002 U
9/6/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/12/12	0.005 U	0.005 U	0.071	0.005 U	0.005 U	53.6	0.01 U	0.02	0.005 U	3.5	0.005 U	22.3	6.970	0.0002 U
9/10/12	0.005 U	0.005 U	0.070	0.010 U	0.005 U	55.6	0.01 U	0.02	0.005 U	3.6	0.005 U	21.5	7.550	0.0002 U
3/21/13	0.005 U	0.005 U	0.074	0.005 U	0.005 U	56.7	0.01 U	0.02	0.005 U	3.5	0.005 U	22.2	8.270	0.0002 U
9/16/13	0.005 U	0.005 U	0.065	0.005 U	0.005 U	57.6	0.01 U	0.02	0.005 U	3.5	0.005 U	24.0	7.200	0.0002 U
3/11/14	0.005 U	0.005 U	0.126	0.005 U	0.005 U	57.7	0.01 U	0.01	0.005 U	0.7	0.005 U	17.1	5.590	0.0002 U
9/3/14	0.005 U	0.005 U	0.075	0.005 U	0.005 U	49.0	0.01 U	0.01	0.005 U	3.3	0.005 U	19.1	7.690	0.0002 U
3/23/15	0.002 U	0.003	0.059	0.002 U	0.004 U	53.0	0.01 U	0.02	0.010 U	3.8	0.002 U	21.0	7.200	0.0002 U
9/2/15	0.001 U	0.003	0.043	0.001 U	0.001 U	55.0	0.01 U	0.02	0.005 U	4.5	0.001 U	23.0	7.100	0.0002 U
3/22/16	0.002 U	0.003	0.068	0.002 U	0.002 U	54.7	0.00 U	0.02	0.002 U	3.7	0.002 U	21.4	7.570	0.0002 U
9/1/16	0.002 U	0.003	0.067	0.002 U	0.002 U	57.2	0.00	0.02	0.002 U	3.8	0.002 U	22.8	7.620	0.0002 U
3/9/17	0.002 U	0.003	0.056	0.002 U	0.002 U	56.8	0.00 U	0.02	0.003	4.0	0.002 U	24.3	7.300	0.0002 U
9/14/17	0.002 U	0.003	0.060	0.002 U	0.002 U	58.0	0.00	0.02	0.002 U	3.9	0.002 U	24.1	7.400	0.0002 U
4/2/18	0.002 U	0.003	0.058	0.002 U	0.002 U	63.2	0.01	0.02	0.002 U	3.4	0.002 U	25.4	7.670	0.0002 U
9/5/18	0.002 U	0.003	0.045	0.002 U	0.002 U	67.5	0.01	0.02	0.002 U	3.1	0.002 U	27.4	7.540	0.0002 U

Gude Landfill

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Monitoring Location OB08A - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/20/11	0.01	2.5	0.005 U	0.01 U	27.3	0.005 U	0.01 U	0.006
9/6/11	0.01	--	--	--	--	--	--	--
3/12/12	0.01	2.8	0.005 U	0.01 U	33.7	0.005 U	0.01 U	0.006
9/10/12	0.01	3.1	0.005 U	0.01 U	31.1	0.005 U	0.01 U	0.005
3/21/13	0.01	3.0	0.005 U	0.01 U	31.8	0.005 U	0.01 U	0.006
9/16/13	0.01	2.8	0.005 U	0.01 U	33.0	0.005 U	0.01 U	0.005
3/11/14	0.01	2.8	0.005 U	0.01 U	22.5	0.005 U	0.01 U	0.005
9/3/14	0.01	2.7	0.005 U	0.01 U	30.3	0.005 U	0.01 U	0.008
3/23/15	0.01 J	2.9	0.035 U	0.01 U	33.0	0.002 U	0.01 U	0.010 U
9/2/15	0.01 U	3.0	0.005 U	0.00 U	34.0	0.001 U	0.01 U	0.005 U
3/22/16	0.01	2.5	0.002 U	0.00 U	29.6	0.001 U	0.00 U	0.002 U
9/1/16	0.01	2.7	0.002	0.00 U	31.6	0.001 U	0.00 U	0.003
3/9/17	0.01	2.7	0.003	0.00 U	32.4	0.001 U	0.00 U	0.003
9/14/17	0.01	2.6	0.002 U	0.00 U	30.9	0.001 U	0.00 U	0.002
4/2/18	0.01	2.9	0.003	0.00 U	32.7	0.001 U	0.00 U	0.004
9/5/18	0.01	2.8	0.003	0.00 U	32.9	0.001 U	0.00	0.004

Gude Landfill
Monitoring Location OB08A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
MCL/ GWPS					0.2			10		1				
4/27/01	--	--	--	80.9066	0.001 U	--	--	--	--	--	--	--	--	--
9/4/01	--	--	--	76.2039	0.005	--	--	--	--	--	--	--	--	--
3/13/02	--	--	--	82.0530	0.002	--	--	--	--	--	--	--	--	--
9/16/02	--	--	--	245.1770	0.001	--	--	--	--	--	--	--	--	--
6/3/03	--	--	--	87.5454	0.002 U	--	--	--	--	--	--	--	--	0.010 U
3/25/04	--	--	--	--	0.005	--	--	--	--	--	--	--	--	0.010 U
9/20/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.014
4/6/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.010 U
9/21/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.010 U
4/4/06	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.012
9/25/06	--	--	--	--	0.004	--	--	--	--	--	--	--	--	0.013
4/17/07	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.019
10/2/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.023
3/26/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/24/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/21/09	228.0	0.20 U	7.9 J	67.4000	--	--	570.0	0.2000 U	--	--	--	--	--	--
7/27/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/20/10	226.0	0.20 U	5.3 J	58.2000	--	--	300.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
4/20/11	220.0	0.20 U	10.2	45.4000	--	--	370.0	0.2000 U	0.20 U	0.05 U	--	--	--	--

Gude Landfill
Monitoring Location OB08A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
9/6/11	218.0	0.20 U	10.0 U	63.3000	--	--	190.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/12/12	221.0	0.20 U	8.6	55.5000	--	--	252.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/10/12	216.0	0.20 U	10.0 U	65.4000	--	--	240.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/21/13	219.0	0.20 U	10.0 U	63.8000	--	0.02	230.0	0.2000 U	0.20 U	0.05 U	232.0	6.39	--	--
9/16/13	214.0	0.20 U	10.0 U	68.0000	--	0.03	240.0	0.2000 U	0.20 U	0.05 U	235.0	6.01	--	--
3/11/14	218.0	0.22	10.0 U	59.9000	--	0.02	236.0	0.2000 U	--	--	221.0	6.11	--	--
9/3/14	219.0	0.25	10.0 U	50.4000	--	1.39	218.0	0.2000 U	0.20 U	0.05 U	220.0	6.47	--	--
3/23/15	221.0	0.20 U	10.0 U	60.8000	--	0.00	264.0	0.2000 U	0.20 U	0.05 U	239.0	6.61	--	--
9/2/15	221.0	0.44	10.0 U	70.0000	--	--	250.0	0.2000 U	0.20 U	0.05 U	120.0	6.07	--	--
3/22/16	210.0	0.23	10.0 U	67.6000	--	0.00	230.0	0.2000 U	0.20 U	0.05 U	179.0	6.25	--	--
9/1/16	226.0	0.26	10.0 U	72.5000	--	--	256.0	0.2000 U	0.20 U	0.05 U	169.0	6.02	--	--
3/9/17	206.0	0.24	10.0 U	83.6000	--	--	180.0	0.2000 U	0.20 U	0.05 U	196.0	6.20	--	--
9/14/17	205.0	0.20 U	10.0 U	87.5000	--	0.02	130.0	0.2000 U	0.20 U	0.05 U	222.0	6.28	--	--
4/2/18	207.0	0.20 U	15.2	91.1000	--	--	102.0	0.2000 U	0.20 U	0.05 U	56.0	6.18	--	--
9/5/18	204.0	0.20	10.0 U	105.0000	--	--	278.0	0.2000 U	0.20 U	0.05 U	42.0	6.19	--	--
4/11/19	220.0	0.31	9.0	32.6000	--	0.09	184.0 B	0.2000 U	--	--	5.9	6.29	6.44	--
7/31/19	218.0	0.34	11.8	50.8000	--	0.25	183.0	0.4000	--	--	199.9	6.18	6.40	--
3/4/20	232.0	0.30	10.4	72.3000	--	0.41	226.0	0.5500	--	--	54.5	6.10	6.30	--
7/28/20	223.0	0.10 U	16.0	51.0000	--	0.64	221.0	0.2000 U	--	--	55.3	6.45	6.60	--
3/25/21	201.0	0.10 U	3.0 U	46.8000	--	0.32	190.0	0.2480	--	--	82.1	7.19	6.94	--
9/2/21	241.0	0.04 J	18.1	56.3000	--	0.72	237.0	0.0110 U	--	--	96.1	6.38	6.51	--
3/30/22	229.0	0.36	6.2	75.6000	--	0.88	243.0	0.0110 U	--	--	27.7	6.08	6.27	--

Gude Landfill
Monitoring Location OB08A - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS										
4/27/01	--	--	--	--	--	--	--	--	1.100	--
9/4/01	--	--	--	--	--	--	--	--	6.300	--
3/13/02	--	--	--	--	--	--	--	--	5.420	--
9/16/02	--	--	--	--	--	--	--	--	8.500	--
6/3/03	--	--	--	--	--	--	0	--	26.100	--
3/25/04	--	--	--	--	--	--	0 U	--	--	--
9/20/04	--	--	--	--	--	--	0 U	--	--	--
4/6/05	--	--	--	--	--	--	0 U	--	--	--
9/21/05	--	--	--	--	--	--	0	--	--	--
4/4/06	--	--	--	--	--	--	0	--	--	--
9/25/06	--	--	--	--	--	--	0	--	--	--
4/17/07	--	--	--	--	--	--	0 U	--	--	--
10/2/07	--	--	--	--	--	--	0 U	--	--	--
3/26/08	--	--	--	--	--	--	0 U	--	--	--
9/24/08	--	--	--	--	--	--	0 U	--	--	--
9/21/09	--	--	3.85	--	--	352.0	--	--	1.690	--
7/27/10	--	--	--	3.0 U	--	--	--	--	--	--
9/20/10	--	--	5.74	--	--	384.0	--	--	0.528	--
4/20/11	--	--	4.00 U	--	--	340.0	--	--	1.360	--

Gude Landfill
Monitoring Location OB08A - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
9/6/11	--	--	4.00 U	--	--	1240.0	--	--	--	--
3/12/12	--	--	4.00 U	--	--	364.0	--	--	--	--
9/10/12	--	--	4.00 U	--	--	364.0	--	--	--	--
3/21/13	649.1	--	4.00 U	--	13.4	288.0	--	--	--	0.00
9/16/13	547.9	--	4.39	--	15.0	388.0	--	--	--	0.00
3/11/14	536.7	--	5.07	--	14.4	316.0	--	--	--	1.39
9/3/14	503.4	--	4.00 U	--	16.4	306.0	--	--	--	0.90
3/23/15	468.1	--	4.00 U	--	9.3	326.0	--	--	--	1.50
9/2/15	616.8	--	4.00 U	--	28.5	291.0	--	--	--	0.00
3/22/16	545.4	--	4.00 U	--	13.6	317.0	--	--	--	0.30
9/1/16	580.6	--	4.00 U	--	16.5	290.0	--	--	--	0.00
3/9/17	583.1	--	4.00 U	--	14.4	370.0	--	--	--	0.00
9/14/17	662.1	--	4.26	--	14.6	371.0	--	--	--	1.60
4/2/18	603.1	--	5.64	--	13.3	365.0	--	--	--	0.30
9/5/18	666.3	--	5.00	--	21.3	383.0	--	--	--	5.30
4/11/19	609.0	503.0	2.30	--	13.7	303.0	--	57.4	5.080	6.80
7/31/19	490.5	548.0	2.40	--	15.5	343.0	--	13.5	10.700	1.80
3/4/20	590.0	643.0	2.75	--	14.4	363.0	--	10.6	4.030	3.40
7/28/20	550.0	612.0	5.82	--	18.3	362.0	--	2.4 U	0.500 U	1.40
3/25/21	463.3	547.0	9.50	--	13.8	377.0	--	3.3	0.500 U	4.65
9/2/21	518.0	614.0	5.80	--	15.9	351.0 B	--	2.3 U	0.500 U	0.30
3/30/22	599.0	675.6	2.00	--	13.7	368.0	--	59.0	20.500	12.63

Gude Landfill
Monitoring Location OB08A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
4/27/01	0.0020 U	0.0005 U	0.0043	0.0005 U	--	0.0020 U	--	0.0020 U	0.0022	0.0100 U	--	0.00130 U
9/4/01	0.0020 U	0.0020 U	0.0115	0.0017 U	--	0.0020 U	--	0.0020 U	0.0054	0.0085	--	0.00200 U
3/13/02	0.0020 U	0.0020 U	0.0107	0.0017 U	--	0.0020 U	--	0.0020 U	0.0035	0.0165	--	0.00200 U
9/16/02	0.0007 U	0.0191	0.1822	0.0004 U	--	0.0052	--	0.0037	0.0664	0.0141	--	0.00270
6/3/03	0.0007 U	0.0020 U	0.0098	0.0004 U	--	0.0020 U	--	0.0020 U	0.0020 U	0.0200	--	0.00200 U
3/25/04	0.0009 U	0.0008 U	0.0049	0.0016 U	--	0.0007 U	--	0.0005 U	0.0020 U	0.0100 U	--	0.00200 U
9/20/04	0.0028 U	0.0006 U	0.0059	0.0012 U	--	0.0020 U	--	0.0007 U	0.0005 U	0.0102	--	0.00060 U
4/6/05	0.0028 U	0.0006 U	0.0057	0.0012 U	--	0.0003 U	--	0.0007 U	0.0005 U	0.0127	--	0.00060 U
9/21/05	0.0028 U	0.0006 U	0.0101	0.0012 U	--	0.0020 U	--	0.0007 U	0.0005 U	0.0104	--	0.00200 U
4/4/06	0.0006 U	0.0006 U	0.0087	0.0007 U	--	0.0020 U	--	0.0020 U	0.0020 U	0.0078	--	0.00200
9/25/06	0.0007 U	0.0026	0.0974	0.0009 U	--	0.0006 U	--	0.0020 U	0.0184	0.0083	--	0.00200 U
4/17/07	0.0007 U	0.0030	0.1007	0.0009 U	0.020 U	--	--	0.0020 U	0.0171	0.0059	--	0.00070 U
10/2/07	0.0020 U	0.0022	0.0820	0.0009 U	0.020 U	--	--	0.0007 U	0.0177	0.0058	--	0.00070 U
3/26/08	0.0005 U	0.0020 U	0.0894	0.0010 U	0.020 U	--	--	0.0020 U	0.0094	0.0041	--	0.00200 U
9/24/08	0.0010 U	0.0012 U	0.0200 U	0.0020 U	0.040 U	--	--	0.0016 U	0.0040 U	0.0061	--	0.00200 U
3/9/09	0.0010 U	0.0100 U	0.0669	0.0012 U	0.050 U	--	--	0.0007 U	0.0167	0.0100 U	--	0.00070 U
9/21/09	0.0020 U	0.0023	0.0815	0.0020 U	--	0.0020 U	59.40	0.0020 U	0.0186	0.0051	3.8500	0.00200 U
7/27/10	0.0010 U	0.0032	0.0760	0.0010 U	--	0.0010 U	--	0.0006 J	0.0170	0.0005 J	--	0.00100 U
9/20/10	0.0050 U	0.0050 U	0.0779	0.0050 U	--	0.0050 U	52.90	0.0050 U	0.0175	0.0061	3.3500	0.00500 U
4/20/11	0.0050 U	0.0050 U	0.0990	0.0050 U	--	0.0050 U	58.10	0.0050 U	0.0146	0.0060	3.6900	0.00500 U
9/6/11	0.0050 U	0.0050 U	0.0689	0.0050 U	--	0.0050 U	54.40	0.0050 U	0.0173	0.0050 U	3.0500	0.00500 U
3/12/12	0.0050 U	0.0050 U	0.0735	0.0050 U	--	0.0050 U	53.30	0.0050 U	0.0171	0.0080	3.4400	0.00500 U
9/10/12	0.0050 U	0.0050 U	0.0680	0.0050 U	--	0.0050 U	54.70	0.0050 U	0.0189	0.0050 U	3.9300	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB08A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
3/21/13	0.0050 U	0.0050 U	0.0674	0.0050 U	--	0.0050 U	54.90	0.0050 U	0.0189	0.0050 U	3.3800	0.00500 U
9/16/13	0.0050 U	0.0050 U	0.0648	0.0050 U	--	0.0050 U	52.40	0.0050 U	0.0161	0.0050 U	3.9400	0.00500 U
3/11/14	0.0050 U	0.0050 U	0.0677	0.0050 U	--	0.0050 U	47.10	0.0050 U	0.0153	0.0050 U	3.0600	0.00500 U
9/3/14	0.0050 U	0.0050 U	0.0770	0.0050 U	--	0.0050 U	47.60	0.0050 U	0.0149	0.0050 U	3.3100	0.00500 U
3/23/15	0.0020 U	0.0029	0.0470	0.0020 U	--	0.0040 U	49.00	0.0047 J	0.0170	0.0017 J	4.4000	0.00200 U
9/2/15	0.0010 U	0.0026	0.0410	0.0010 U	--	0.0005 U	53.00	0.0050 U	0.0190	0.0050 U	5.0000	0.00100 U
3/22/16	0.0020 U	0.0026	0.0697	0.0020 U	--	0.0020 U	54.50	0.0020	0.0157	0.0020 U	3.8700	0.00200 U
9/1/16	0.0020 U	0.0030	0.0698	0.0020 U	--	0.0020 U	56.10	0.0027	0.0192	0.0020	3.8200	0.00200 U
3/9/17	0.0020 U	0.0030	0.0571	0.0020 U	--	0.0020 U	55.80	0.0031	0.0200	0.0050	4.2300	0.00200 U
9/14/17	0.0050 U	0.0050 U	0.0675	0.0050 U	--	0.0050 U	60.40	0.0050 U	0.0168	0.0050 U	4.4300	0.00500 U
4/2/18	0.0020 U	0.0029	0.0615	0.0020 U	--	0.0020 U	62.30	0.0052	0.0171	0.0020 U	3.3300	0.00200 U
9/5/18	0.0020 U	0.0025	0.0452	0.0020 U	--	0.0020 U	66.20	0.0041	0.0197	0.0020 U	3.3300	0.00200 U
4/11/19	0.0010 U	0.0030	0.1100	0.0010 U	--	0.0015	44.20 B	0.0057	0.0122	0.0043	4.0000	0.00225
7/31/19	0.0010 U	0.0027	0.0717	0.0010 U	--	0.0010 U	42.10	0.0021	0.0136	0.0021	3.7900	0.00100 U
3/4/20	0.0010 U	0.0027	0.0765	0.0010 U	--	0.0010 U	53.00	0.0010	0.0163	0.0012	4.0300	0.00100 U
7/28/20	0.0010 U	0.0010 U	0.1520	0.0010 U	--	0.0010 U	59.70	0.0010 U	0.0055	0.0010 U	0.1060	0.00100 U
3/25/21	0.0010 U	0.0010 U	0.0550	0.0010 U	--	0.0010 U	52.70	0.0015	0.0010 U	0.0021	0.0672 J	0.00100 U
9/2/21	0.0010 U	0.0010 U	0.1640	0.0010 U	--	0.0010 U	64.80	0.0010 U	0.0056	0.0010 U	0.1030	0.00100 U
3/30/22	0.0010 U	0.0029	0.0606	0.0010 U	--	0.0035	56.20	0.0018	0.0174	0.0075	5.1500	0.00475

Gude Landfill
Monitoring Location OB08A - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002			
4/27/01	--	5.54000	0.000100 U	0.0062	--	0.00180 U	0.0052 U	--	0.0009 U	0.2000 U	0.00060 U	--
9/4/01	--	7.17000	0.000100 U	0.0121	--	0.00200 U	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U	--
3/13/02	--	2.60000	0.000100 U	0.0100 U	--	0.00200 U	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U	--
9/16/02	--	6.84000	0.000300	0.0481	--	0.02650	0.0096 U	--	0.0010 U	0.0020 U	0.00200 U	--
6/3/03	--	0.73390	0.000200 U	0.0032	--	0.00120 U	0.0096 U	--	0.0010 U	0.0008 U	0.00030 U	--
3/25/04	--	0.21680	0.000200 U	0.0020 U	--	0.00070 U	0.0022 U	--	0.0004 U	0.0020 U	0.00040 U	--
9/20/04	--	0.02060	0.000100 U	0.0020 U	--	0.00200 U	0.0018 U	--	0.0006 U	0.0003 U	0.00040 U	--
4/6/05	--	0.02180	0.000100 U	0.0020 U	--	0.00200 U	0.0018 U	--	0.0006 U	0.0050 U	0.00040 U	--
9/21/05	--	0.13020	0.000100 U	0.0021	--	0.00100 U	0.0018 U	--	0.0006 U	0.0050 U	0.00040 U	--
4/4/06	--	0.22020	0.000100 U	0.0026	--	0.00150 U	0.0004 U	--	0.0004 U	0.0050 U	0.00040 U	--
9/25/06	--	9.78700	0.000200 U	0.0106	--	0.00080 U	0.0005 U	--	0.0007 U	0.0050 U	0.00070 U	--
4/17/07	--	--	0.000200 U	0.0088	--	0.00200 U	0.0005 U	--	0.0007 U	0.0500 U	0.00070 U	0.00830
10/2/07	--	--	0.000200 U	0.0083	--	0.00200 U	0.0005 U	--	0.0007 U	0.0020 U	0.00070 U	0.00510
3/26/08	--	--	0.000200 U	0.0054	--	0.00200 U	0.0001 U	--	0.0010 U	0.0500 U	0.00010 U	0.00450
9/24/08	--	--	0.000200 U	0.0095	--	0.00180 U	0.0016 U	--	0.0012 U	0.0011 U	0.00120 U	0.02000 U
3/9/09	--	--	0.000200 U	0.0100 U	--	0.00120 U	0.0043 U	--	0.0008 U	0.0011 U	0.00080 U	0.01000 U
9/21/09	23.200	8.16000	0.000200 U	0.0095	2.820	0.00200 U	0.0020 U	37.00	0.0020 U	--	0.00200 U	0.01000 U
7/27/10	--	--	0.000200 U	0.0067	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U	0.01100
9/20/10	19.300	8.23000	0.000200 U	0.0079	2.520	0.00500 U	0.0050 U	31.70	0.0050 U	--	0.00500 U	0.00500 U
4/20/11	20.300	8.57000	0.000200 U	0.0071	2.770	0.00500 U	0.0050 U	30.80 J	0.0050 U	--	0.00500 U	0.00780
9/6/11	22.000	7.48400	0.000200 U	--	2.800	0.00500 U	0.0050 U	31.80	0.0050 U	--	0.00500 U	0.00676
3/12/12	21.800	7.53000	0.000200 U	0.0067	2.790	0.00500 U	0.0050 U	32.90	0.0050 U	--	0.00500 U	0.01010
9/10/12	21.800	8.27000	0.000200 U	0.0077	2.990	0.00500 U	0.0050 U	30.70	0.0050 U	--	0.00500 U	0.00749

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB08A - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
3/21/13	21.800	8.12000	0.000200 U	0.0095	2.850	0.00500 U	0.0050 U	30.70	0.0050 U	--	0.00500 U	0.00596
9/16/13	21.600	7.16000	0.000200 U	0.0071	2.910	0.00500 U	0.0050 U	30.10	0.0050 U	--	0.00500 U	0.00704
3/11/14	17.900	6.94000	0.000200 U	0.0066	2.720	0.00500 U	0.0050 U	24.70	0.0050 U	--	0.00500 U	0.00625
9/3/14	18.700	7.33000	0.000200 U	0.0074	2.600	0.00500 U	0.0050 U	29.40	0.0050 U	--	0.00500 U	0.00911
3/23/15	21.000	6.80000	0.000200 U	0.0110	2.800	0.03500 U	0.0100 U	32.00	0.0020 U	--	0.01000 U	0.00840 J
9/2/15	23.000	7.40000	0.000200 U	0.0100 U	3.000	0.00500 U	0.0010 U	33.00	0.0010 U	--	0.00500 U	0.00770
3/22/16	21.200	7.77000	0.000200 U	0.0056	2.540	0.00200 U	0.0020 U	29.20	0.0010 U	--	0.00200 U	0.00282
9/1/16	22.500	7.77000	0.000200 U	0.0084	2.690	0.00274	0.0020 U	31.10	0.0010 U	--	0.00200 U	0.00437
3/9/17	24.000	7.88000	0.000200 U	0.0081	2.660	0.00321	0.0020 U	32.20	0.0010 U	--	0.00200 U	0.00367
9/14/17	25.900	7.67000	0.000200 U	0.0068	2.760	0.00500 U	0.0050 U	33.20	0.0050 U	--	0.00500 U	0.02130
4/2/18	24.800	12.30000	0.000200 U	0.0088	2.830	0.00350	0.0020 U	31.50	0.0010 U	--	0.00200 U	0.00430
9/5/18	27.400	7.65000	0.000200 U	0.0080	2.800	0.00331	0.0020 U	33.10	0.0010 U	--	0.00200 U	0.00531
4/11/19	18.000	7.75000	0.000100 U	0.0106	2.920	0.00100 U	0.0010 U	27.20	0.0010 U	--	0.00195	0.02500
7/31/19	18.900	8.85000	0.000100 U	0.0066	2.520	0.00100 U	0.0010 U	28.30	0.0010 U	--	0.00100 U	0.00507 B
3/4/20	23.700	8.61000	0.000100 U	0.0067	2.850	0.00100 U	0.0010 U	31.70	0.0010 U	--	0.00100 U	0.00719
7/28/20	17.500	5.80000	0.000100 U	0.0063	2.780	0.00100 U	0.0010 U	26.70	0.0010 U	--	0.00100 U	0.00400 U
3/25/21	14.300	1.71000	0.000100 U	0.0033	3.610	0.00100 U	0.0010 U	25.00	0.0010 U	--	0.00100 U	0.00600
9/2/21	18.300	5.82000	0.000100 U	0.0065	2.920	0.00100 U	0.0010 U	25.80	0.0010 U	--	0.00101	0.00400 U
3/30/22	25.000	8.37000	0.000107	0.0052	2.900	0.00100 U	0.0010 U	34.00	0.0010 U	--	0.00100 U	0.02730

Gude Landfill
Monitoring Location OB08A - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200		5		7			0.2	0.05	600	5	5			75
4/27/01	0.18 U	0.15 U	0.23 U	0.22 U	1.13	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	1.00 U	1.00 U	0.19 U	10.00 U
9/4/01	0.18 U	0.15 U	0.23 U	0.22 U	2.73	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	1.00 U	2.20	0.19 U	10.00 U
3/13/02	0.18 U	0.15 U	0.23 U	0.22 U	1.48	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	1.00 U	1.39	0.19 U	10.00 U
9/16/02	0.18 U	0.15 U	0.23 U	0.22 U	34.39	1.00 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	3.05	6.61	0.19 U	10.00 U
6/3/03	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	1.00 U	1.00 U	0.19 U	10.00 U
3/25/04	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	0.17 U	1.00 U	0.19 U	10.00 U
9/20/04	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	0.43 U	0.27 U	1.00 U	0.33 U	0.44 U
4/6/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	1.00 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/4/06	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/25/06	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.00 U	2.53	0.33 U	10.00 U
4/17/07	0.13 U	0.24 U	0.44 U	0.25 U	1.43	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.00 U	2.17	0.33 U	10.00 U
10/2/07	0.13 U	0.24 U	0.44 U	0.25 U	1.05	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	2.33	0.33 U	10.00 U
3/26/08	0.18 U	0.18 U	0.21 U	0.23 U	0.50 U	0.18 U	0.26 U	0.14 U	0.24 U	0.16 U	0.25 U	0.18 U	1.22	0.20 U	10.00 U
9/24/08	0.12 U	0.17 U	0.14 U	0.17 U	0.50 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	0.10 U	0.50 U	0.94	0.13 U	0.14 U
3/9/09	0.12 U	0.17 U	0.14 U	0.17 U	1.07	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	--	0.53	2.11	0.13 U	--
9/21/09	1.00 U	1.00 U	1.00 U	1.00 U	1.47	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.52 J	2.02	1.00 U	3.97
7/27/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	0.97 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.10 J	2.00 U	2.83
4/20/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB08A - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)	
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00	--	4.70
9/10/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.19
3/21/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.08	1.00 U	1.14
9/16/13	1.00 U	1.00 U	1.00 U	1.00 U	1.54	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.09	1.00 U	1.91
3/11/14	1.00 U	1.00 U	1.00 U	1.00 U	1.15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	2.11	1.00 U	4.78
9/3/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.80	1.00 U	4.48
3/23/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.86	1.00 U	4.19
9/2/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.06	1.00 U	3.92
3/22/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.14	1.00 U	5.87
9/1/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.95	1.00 U	5.64
3/9/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.11	1.00 U	1.00 U
9/14/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.38
4/2/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.95	1.00 U	5.14
9/5/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.81	1.00 U	4.28
4/11/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	3.20
7/31/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	3.90
3/4/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	5.60
7/28/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.10	1.00 U	3.60	
3/25/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.30
3/30/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.70

Gude Landfill
Monitoring Location OB08A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
4/27/01	--	1.00 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	1.00 U	0.23 U
9/4/01	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	1.00 U	0.38 U	0.15 U	0.28 U	1.00 U	0.23 U
3/13/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	1.00 U	0.23 U
9/16/02	--	0.18 U	--	0.15 U	--	10.31	1.00 U	0.18 U	0.14 U	0.15 U	1.00 U	0.15 U	63.67	1.00 U	1.00 U
6/3/03	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	1.00 U	0.23 U
3/25/04	0.21	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	1.00 U	1.00 U	0.15 U	0.28 U	0.20 U	0.23 U
9/20/04	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/6/05	1.37	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/21/05	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/4/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/25/06	1.00 U	1.00 U	--	0.39 U	--	1.39	0.34 U	0.31 U	0.27 U	1.00 U	0.75 U	0.25 U	5.54	1.00 U	0.27 U
4/17/07	0.29 U	0.19 U	--	0.39 U	--	1.23	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	4.84	1.00 U	0.27 U
10/2/07	0.29 U	0.19 U	--	0.39 U	--	1.26	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	4.64	1.00 U	0.27 U
3/26/08	--	--	--	--	--	0.52	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	2.27	0.50 U	0.21 U
9/24/08	--	--	--	--	--	0.09 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.16 U	0.13 U	0.12 U
3/9/09	--	--	--	--	--	1.09	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	3.43	0.62	0.12 U
9/21/09	0.46 J	1.00 U	1.00 U	0.28 J	1.00 U	1.03	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	3.38	0.73 J	1.00 U
7/27/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	0.90 J	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	5.00	1.00 U	1.00 U
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.99 J	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	4.22	0.62 J	2.00 U
4/20/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	7.30	1.00	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB08A - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
9/6/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.60	1.00 U	1.00 U
9/10/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	5.04	1.00 U	1.00 U
3/21/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.54	1.00 U	1.00 U
9/16/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	5.30	1.00 U	1.00 U
3/11/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	5.81	1.00 U	1.00 U
9/3/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.07	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	7.75	1.00 U	1.00 U
3/23/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.06	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	7.48	1.00 U	1.00 U
9/2/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.03	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	7.05	1.00 U	1.00 U
3/22/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.08	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	8.56	1.00 U	1.00 U
9/1/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	8.05	1.00 U	1.00 U
3/9/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	7.41	1.00 U	1.00 U
9/14/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	6.29	1.00 U	1.00 U
4/2/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	5.86	1.00 U	1.00 U
9/5/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	4.74	1.00 U	1.00 U
4/11/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	7.80	1.00 U	1.00 U
7/31/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.30	1.00 U	1.00 U
3/4/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	11.90	1.00 U	1.00 U
7/28/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.80	1.00 U	1.00 U
3/25/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	7.30	1.00 U	1.00 U
3/30/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.10	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location OB08A - Volatile Organic Compounds

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000
4/27/01	0.21 U	11.56	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U
9/4/01	0.21 U	23.94	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	3.47	0.27 U	0.21 U	1.00 U	0.24 U
3/13/02	0.21 U	13.90	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	0.24 U
9/16/02	1.00 U	72.56	0.19 U	0.17 U	0.26 U	1.00 U	1.00 U	--	0.22 U	27.89	0.27 U	0.21 U	58.78	1.00 U
6/3/03	0.21 U	8.90	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.12	0.24 U
3/25/04	0.21 U	2.46	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U
9/20/04	0.25 U	2.79	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U
4/6/05	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U
9/21/05	0.25 U	3.73	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U
4/4/06	0.25 U	4.33	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U
9/25/06	0.25 U	18.21	0.29 U	0.27 U	0.23 U	2.00 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U
4/17/07	0.25 U	14.02	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U
10/2/07	0.25 U	21.08	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U
3/26/08	0.15 U	10.07	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.15 U	0.12 U	0.22 U	0.20 U	0.20 U	0.28 U
9/24/08	0.20 U	8.42	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.16 U	0.12 U
3/9/09	0.20 U	22.57	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.16 U	0.12 U
9/21/09	1.00 U	21.20	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/27/10	1.00 U	16.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/10	0.89 J	14.10	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/20/11	4.00	12.00	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB08A - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U
3/12/12	1.00 U	21.00	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U
9/10/12	1.00 U	19.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/13	1.00 U	9.61	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/16/13	1.00 U	26.20	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/11/14	1.00 U	20.70	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/14	1.00 U	12.10	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/15	1.00 U	11.10	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/15	1.00 U	11.90	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/16	1.00 U	15.10	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/16	1.00 U	15.10	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/17	1.00 U	19.70	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/14/17	1.00 U	20.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/18	1.00 U	23.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/5/18	1.00 U	19.50	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/11/19	1.00 U	8.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/31/19	1.00 U	7.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/4/20	1.00 U	8.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/28/20	1.00 U	12.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/25/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/21	1.00 U	8.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/22	1.00 U	9.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill

Monitoring Location OB08A - Volatile Organic Compounds

	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS	100			5			2	10000
4/27/01	1.00 U	0.13 U	0.14 U	5.12	0.18 U	--	--	--
9/4/01	1.00 U	0.13 U	0.14 U	12.98	0.18 U	--	--	--
3/13/02	1.00 U	0.13 U	0.14 U	8.20	0.18 U	--	--	--
9/16/02	4.05	0.13 U	0.14 U	61.10	7.61	--	--	--
6/3/03	1.00 U	0.13 U	0.14 U	4.88	0.18 U	--	--	--
3/25/04	0.22 U	0.13 U	0.14 U	1.32	0.18 U	--	0.06	--
9/20/04	0.45 U	0.24 U	0.30 U	2.34	0.36 U	--	0.32 U	--
4/6/05	0.45 U	0.24 U	1.00 U	0.31 U	0.36 U	--	0.32 U	--
9/21/05	0.45 U	0.24 U	0.30 U	2.44	0.36 U	--	0.32 U	--
4/4/06	0.45 U	0.24 U	0.30 U	2.26	0.36 U	--	0.32 U	--
9/25/06	1.79	0.24 U	0.30 U	3.72	0.36 U	--	4.03	--
4/17/07	1.45	0.24 U	0.30 U	1.51	0.36 U	--	3.44	--
10/2/07	1.89	0.24 U	0.30 U	2.30	0.36 U	--	4.80	--
3/26/08	0.74	0.08 U	--	0.84	0.07 U	--	1.60	--
9/24/08	0.50 U	0.13 U	--	0.98	0.10 U	--	0.18 U	--
3/9/09	1.48	0.13 U	--	1.52	0.10 U	--	5.16	--
9/21/09	1.37	1.00 U	1.00 U	1.29	1.00 U	--	6.50	--
7/27/10	0.90 J	1.00 U	5.00 U	0.80 J	1.00 U	1.00 U	3.00	--
9/20/10	0.89 J	2.00 U	2.00 U	0.51 J	2.00 U	2.00 U	4.76	--
4/20/11	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	4.00	1.00 U	1.00 U

Gude Landfill

Monitoring Location OB08A - Volatile Organic Compounds

	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
9/6/11	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	5.40	1.00 U
9/10/12	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	4.99	--
3/21/13	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	2.31	--
9/16/13	1.98	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	6.38	--
3/11/14	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	4.86	--
9/3/14	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	4.99	--
3/23/15	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	3.39	--
9/2/15	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	2.60	--
3/22/16	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	2.89	--
9/1/16	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	2.56	--
3/9/17	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	2.89	--
9/14/17	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	2.82	--
4/2/18	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	3.04	--
9/5/18	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	2.89	--
4/11/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60	--
7/31/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/4/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	--
7/28/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/25/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/30/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.50	--

Gude Landfill
Monitoring Location OB08 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/21/11	0.005 U	0.005 U	0.119	0.005 U	0.005 U	63.1	0.01 U	0.01	0.005 U	0.7	0.005 U	15.4	6.750	0.0002 U
9/6/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/12/12	0.005 U	0.005 U	0.127	0.005 U	0.005 U	65.0	0.01 U	0.01	0.005 U	0.7	0.005 U	16.8	7.290	0.0002 U
9/10/12	0.005 U	0.005 U	0.128	0.010 U	0.005 U	66.1	0.01 U	0.01	0.005 U	0.7	0.005 U	18.0	6.820	0.0002 U
3/21/13	0.005 U	0.005 U	0.134	0.005 U	0.005 U	66.2	0.01 U	0.01	0.005 U	0.7	0.005 U	16.1	6.600	0.0002 U
9/16/13	0.005 U	0.005 U	0.124	0.005 U	0.005 U	66.7	0.01 U	0.01	0.005 U	0.7	0.005 U	16.9	6.110	0.0002 U
3/11/14	0.005 U	0.005 U	0.068	0.005 U	0.005 U	49.3	0.01 U	0.02	0.005 U	3.3	0.005 U	18.9	6.890	0.0002 U
9/3/14	0.005 U	0.005 U	0.127	0.005 U	0.005 U	58.7	0.01 U	0.01	0.005 U	0.7	0.005 U	15.6	6.500	0.0002 U
3/23/15	0.002 U	0.002 U	0.140	0.002 U	0.004 U	64.0	0.01 U	0.01 U	0.010 U	0.0 U	0.002 U	14.0	5.200	0.0002 U
9/2/15	0.001 U	0.001 U	0.140	0.001 U	0.001 U	64.0	0.01 U	0.01 U	0.005 U	0.0	0.001 U	13.0	4.900	0.0002 U
3/22/16	0.002 U	0.002 U	0.139	0.002 U	0.002 U	57.9	0.00 U	0.00	0.002 U	0.4	0.002 U	12.9	4.840	0.0002 U
9/1/16	0.002 U	0.002 U	0.149	0.002 U	0.002 U	66.5	0.00	0.01	0.002 U	0.5	0.002 U	14.6	5.390	0.0002 U
3/9/17	0.002 U	0.002 U	0.138	0.002 U	0.002 U	63.5	0.00 U	0.01	0.002 U	0.4	0.002 U	14.6	4.740	0.0002 U
9/14/17	0.002 U	0.002 U	0.143	0.002 U	0.002 U	62.6	0.00	0.00	0.002 U	0.4	0.002 U	14.2	4.840	0.0002 U
4/2/18	0.002 U	0.002 U	0.134	0.002 U	0.002 U	70.2	0.01	0.00	0.002 U	0.1	0.002 U	14.3	5.010	0.0002 U
9/5/18	0.002 U	0.002 U	0.131	0.002 U	0.002 U	71.4	0.00	0.00	0.002 U	0.1	0.002 U	15.0	4.930	0.0002 U

Gude Landfill
Monitoring Location OB08 - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/21/11	0.01	2.4	0.005 U	0.01 U	26.7	0.005 U	0.01 U	0.007
9/6/11	0.01	--	--	--	--	--	--	--
3/12/12	0.01	2.8	0.005 U	0.01 U	27.0	0.005 U	0.01 U	0.005 U
9/10/12	0.01	3.0	0.005 U	0.01 U	27.2	0.005 U	0.01 U	0.005
3/21/13	0.01	3.0	0.005 U	0.01 U	26.3	0.005 U	0.01 U	0.006
9/16/13	0.01	2.8	0.005 U	0.01 U	27.2	0.005 U	0.01 U	0.005 U
3/11/14	0.01	2.8	0.005 U	0.01 U	26.6	0.005 U	0.01 U	0.006
9/3/14	0.01	2.7	0.005 U	0.01 U	25.0	0.005 U	0.01 U	0.008
3/23/15	0.01 J	2.8	0.035 U	0.01 U	25.0	0.002 U	0.01 U	0.005 J
9/2/15	0.01 U	2.7	0.005 U	0.00 U	24.0	0.001 U	0.01 U	0.005 U
3/22/16	0.01	2.3	0.002 U	0.00 U	22.3	0.001 U	0.00 U	0.002 U
9/1/16	0.01	2.5	0.002 U	0.00 U	23.8	0.001 U	0.00 U	0.002 U
3/9/17	0.01	2.5	0.002 U	0.00 U	23.9	0.001 U	0.00 U	0.002 U
9/14/17	0.01	2.4	0.002 U	0.00 U	23.0	0.001 U	0.00 U	0.002
4/2/18	0.01	2.6	0.002	0.00 U	23.6	0.001 U	0.00 U	0.002
9/5/18	0.01	2.6	0.002 U	0.00 U	23.9	0.001 U	0.00 U	0.003

Gude Landfill
Monitoring Location OB08 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
MCL/ GWPS					0.2			10		1				
4/27/01	--	--	--	39.2477	0.001 U	--	--	--	--	--	--	--	--	--
9/4/01	--	--	--	36.3369	0.003	--	--	--	--	--	--	--	--	--
3/13/02	--	--	--	38.7967	0.004	--	--	--	--	--	--	--	--	--
9/16/02	--	--	--	133.3280	0.001 U	--	--	--	--	--	--	--	--	--
6/3/03	--	--	--	39.7258	0.002 U	--	--	--	--	--	--	--	--	0.012
3/25/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.010 U
9/20/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.015
4/6/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.003 U
9/21/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.010 U
4/4/06	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.012
9/25/06	--	--	--	--	0.002	--	--	--	--	--	--	--	--	0.010
4/17/07	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.012
10/2/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.020
3/26/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/24/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/21/09	229.0	0.20 U	10.0 U	34.7000	--	--	228.0	0.2000 U	--	--	--	--	--	--
7/27/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/20/10	248.0	0.20 U	10.0 U	32.8000	--	--	300.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
4/21/11	230.0	0.20 U	10.0 U	34.2000	--	--	265.0	0.2000 U	0.20 U	0.05 U	--	--	--	--

Gude Landfill
Monitoring Location OB08 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
9/6/11	230.0	0.20 U	10.0 U	46.1000	--	--	144.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/12/12	239.0	0.20 U	9.9	42.8000	--	--	236.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/10/12	223.0	0.20 U	10.0 U	47.4000	--	--	234.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/21/13	224.0	0.20 U	10.0 U	45.5000	--	0.03	232.0	0.2000 U	0.20 U	0.05 U	268.0	6.54	--	--
9/16/13	219.0	0.20 U	10.0 U	47.7000	--	0.02	230.0	0.2000 U	0.20 U	0.05 U	272.0	6.18	--	--
3/11/14	219.0	0.20 U	10.0 U	44.7000	--	0.02	232.0	0.2000 U	--	--	264.0	6.18	--	--
9/3/14	227.0	0.20 U	10.0 U	39.5000	--	1.60	236.0	0.2000 U	0.20 U	0.05 U	248.0	6.62	--	--
3/23/15	215.0	0.20 U	10.0 U	37.5000	--	0.00	220.0	0.2000 U	0.20 U	0.05 U	89.0	7.07	--	--
9/2/15	213.0	0.39	10.0 U	39.7000	--	--	222.0	0.2000 U	0.20 U	0.05 U	68.0	6.49	--	--
3/22/16	196.0	0.20 U	10.0 U	42.4000	--	0.00	206.0	0.2000 U	0.20 U	0.05 U	230.0	6.56	--	--
9/1/16	218.0	0.20 U	10.0 U	48.5000	--	--	240.0	0.2000 U	0.20 U	0.05 U	204.0	6.29	--	--
3/9/17	205.0	0.20 U	10.0 U	52.2000	--	--	140.0	0.2000 U	0.20 U	0.05 U	245.0	6.47	--	--
9/14/17	197.0	0.20 U	10.0 U	55.5000	--	0.00	236.0	0.2000 U	0.20 U	0.05 U	285.0	6.57	--	--
4/2/18	193.0	0.20 U	10.0 U	62.7000	--	--	61.2	0.2000 U	0.20 U	0.05 U	75.0	6.50	--	--
9/5/18	193.0	0.20 U	10.0 U	60.6000	--	--	242.0	0.2000 U	0.20 U	0.05 U	106.0	6.48	--	--
4/11/19	225.0	0.10 U	4.0	41.5000	--	0.09	211.0 B	0.2000 U	--	--	68.4	6.46	6.53	--
7/31/19	223.0	0.10 U	7.6	44.3000	--	0.35	203.0	0.2000 U	--	--	199.9	6.33	6.57	--
3/4/20	224.0	0.10 U	4.9	54.0000	--	0.40	216.0	0.3600	--	--	22.5	6.36	6.49	--
7/28/20	226.0	0.35	19.1	73.7000	--	0.59	229.0	0.2000 U	--	--	55.7	6.04	6.32	--
3/25/21	232.0	0.35	6.5	77.0000	--	0.11	234.0	0.1400	--	--	35.9	6.08	6.26	--
9/2/21	248.0	0.43	21.5	78.2000	--	0.62	244.0	0.0110 U	--	--	35.8	6.13	6.26	--
3/30/22	217.0	0.05	3.0 U	51.7000	--	1.09	224.0	0.0110 U	--	--	93.3	6.41	6.55	--

Gude Landfill
Monitoring Location OB08 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS										
4/27/01	--	--	--	--	--	--	--	--	0.200	--
9/4/01	--	--	--	--	--	--	--	--	1.450	--
3/13/02	--	--	--	--	--	--	--	--	1.360	--
9/16/02	--	--	--	--	--	--	--	--	8.100	--
6/3/03	--	--	--	--	--	--	0 U	--	22.300	--
3/25/04	--	--	--	--	--	--	0 U	--	--	--
9/20/04	--	--	--	--	--	--	0 U	--	--	--
4/6/05	--	--	--	--	--	--	0 U	--	--	--
9/21/05	--	--	--	--	--	--	0	--	--	--
4/4/06	--	--	--	--	--	--	0	--	--	--
9/25/06	--	--	--	--	--	--	0	--	--	--
4/17/07	--	--	--	--	--	--	0 U	--	--	--
10/2/07	--	--	--	--	--	--	0 U	--	--	--
3/26/08	--	--	--	--	--	--	0 U	--	--	--
9/24/08	--	--	--	--	--	--	0 U	--	--	--
9/21/09	--	--	7.54	--	--	284.0	--	--	0.266	--
7/27/10	--	--	--	3.0 U	--	--	--	--	--	--
9/20/10	--	--	4.83	--	--	384.0	--	--	0.485	--
4/21/11	--	--	4.00 U	--	--	280.0	--	--	0.735	--

Gude Landfill

Printed 5/25/22

Monitoring Location OB08 - General Parameters

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
9/6/11	--	--	4.00 U	--	--	344.0	--	--	--	--
3/12/12	--	--	4.76	--	--	348.0	--	--	--	--
9/10/12	--	--	4.11	--	--	352.0	--	--	--	--
3/21/13	603.6	--	5.27	--	13.7	270.0	--	--	--	0.00
9/16/13	516.5	--	5.68	--	14.6	392.0	--	--	--	0.00
3/11/14	499.8	--	5.80	--	14.2	322.0	--	--	--	1.08
9/3/14	491.3	--	4.32	--	15.0	322.0	--	--	--	2.10
3/23/15	406.8	--	7.65	--	9.9	352.0	--	--	--	0.00
9/2/15	506.9	--	6.70	--	19.3	209.0	--	--	--	0.10
3/22/16	450.1	--	9.50	--	14.1	264.0	--	--	--	0.00
9/1/16	505.2	--	7.20	--	15.2	308.0	--	--	--	0.00
3/9/17	478.5	--	7.83	--	14.0	224.0	--	--	--	0.00
9/14/17	482.5	--	8.79	--	16.5	320.0	--	--	--	0.10
4/2/18	501.7	--	10.80	--	13.4	343.0	--	--	--	0.30
9/5/18	531.7	--	10.00	--	15.5	324.0	--	--	--	0.90
4/11/19	662.0	549.0	6.10	--	13.7	328.0	--	2.6 U	0.500 U	1.10
7/31/19	487.7	544.0	5.80	--	15.8	326.0	--	2.3 U	0.500 U	0.00
3/4/20	520.0	572.0	5.92	--	14.4	332.0	--	4.3	0.709	0.00
7/28/20	623.0	688.0	2.49	--	17.2	398.0	--	25.4	4.970	7.70
3/25/21	598.0	694.0	3.40	--	14.6	309.0	--	6.8	3.150	2.14
9/2/21	612.0	681.0	0.30 U	--	16.3	391.0 B	--	15.4	3.050	1.90
3/30/22	489.8	592.5	7.50	--	11.8	338.0	--	6.8	2.290	6.39

Gude Landfill
Monitoring Location OB08 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
4/27/01	0.0020 U	0.0020 U	0.0361	0.0005 U	--	0.0020 U	--	0.0020 U	0.0020 U	0.0176	--	0.00200 U
9/4/01	0.0020 U	0.0007 U	0.0287	0.0017 U	--	0.0020 U	--	0.0012 U	0.0020 U	0.0102	--	0.00220
3/13/02	0.0005 U	0.0020 U	0.0192	0.0017 U	--	0.0020 U	--	0.0012 U	0.0004 U	0.0089	--	0.00200 U
9/16/02	0.0007 U	0.0027	0.0211	0.0004 U	--	0.0041	--	0.0040	0.0029	0.0099	--	0.00320
6/3/03	0.0007 U	0.0020 U	0.0327	0.0004 U	--	0.0020 U	--	0.0020 U	0.0020 U	0.0204	--	0.00200 U
3/25/04	0.0009 U	0.0008 U	0.0158	0.0016 U	--	0.0007 U	--	0.0005 U	0.0005 U	0.0100 U	--	0.00200 U
9/20/04	0.0028 U	0.0006 U	0.0137	0.0012 U	--	0.0020 U	--	0.0007 U	0.0005 U	0.0126	--	0.00200 U
4/6/05	0.0028 U	0.0020 U	0.0102	0.0012 U	--	0.0020 U	--	0.0020 U	0.0005 U	0.0107	--	0.00200 U
9/21/05	0.0028 U	0.0006 U	0.0159	0.0012 U	--	0.0020 U	--	0.0007 U	0.0005 U	0.0172	--	0.00210
4/4/06	0.0006 U	0.0006 U	0.0114	0.0007 U	--	0.0020 U	--	0.0020 U	0.0005 U	0.0073	--	0.00200 U
9/25/06	0.0007 U	0.0020 U	0.1281	0.0009 U	--	0.0006 U	--	0.0007 U	0.0084	0.0062	--	0.00070 U
4/17/07	0.0007 U	0.0020 U	0.1163	0.0009 U	0.020 U	--	--	0.0007 U	0.0078	0.0060	--	0.00070 U
10/2/07	0.0007 U	0.0020 U	0.1146	0.0009 U	0.020 U	--	--	0.0007 U	0.0069	0.0061	--	0.00070 U
3/26/08	0.0005 U	0.0006 U	0.0822	0.0010 U	0.020 U	--	--	0.0020 U	0.0034	0.0045	--	0.00200 U
9/24/08	0.0010 U	0.0012 U	0.0288	0.0020 U	0.040 U	--	--	0.0016 U	0.0024 U	0.0080	--	0.00200 U
3/9/09	0.0010 U	0.0010 U	0.1309	0.0012 U	0.050 U	--	--	0.0007 U	0.0100 U	0.0100 U	--	0.00070 U
9/21/09	0.0020 U	0.0020 U	0.1370	0.0020 U	--	0.0020 U	63.50	0.0020 U	0.0052	0.0043	0.3010	0.00200 U
7/27/10	0.0010 U	0.0019	0.1200	0.0010 U	--	0.0010 U	--	0.0006 J	0.0081	0.0017	--	0.00100 U
9/20/10	0.0050 U	0.0050 U	0.1180	0.0050 U	--	0.0050 U	65.90	0.0050 U	0.0064	0.0060	0.6470	0.00500 U
4/21/11	0.0050 U	0.0050 U	0.1160	0.0050 U	--	0.0050 U	62.70	0.0050 U	0.0070	0.0060	0.7180	0.00500 U
9/6/11	0.0050 U	0.0050 U	0.1280	0.0050 U	--	0.0050 U	67.10	0.0050 U	0.0080	0.0050 U	0.7970	0.00500 U
3/12/12	0.0050 U	0.0050 U	0.1290	0.0050 U	--	0.0050 U	70.80	0.0050 U	0.0079	0.0050 U	0.7400	0.00500 U
9/10/12	0.0050 U	0.0050 U	0.1290	0.0100 U	--	0.0050 U	68.20	0.0050 U	0.0084	0.0050 U	0.7740	0.00500 U

Gude Landfill
Monitoring Location OB08 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
3/21/13	0.0050 U	0.0050 U	0.1320	0.0050 U	--	0.0050 U	66.60	0.0050 U	0.0080	0.0050 U	0.5750	0.00500 U
9/16/13	0.0050 U	0.0050 U	0.1260	0.0050 U	--	0.0050 U	65.30	0.0050 U	0.0065	0.0050 U	0.6760	0.00500 U
3/11/14	0.0050 U	0.0050 U	0.1250	0.0050 U	--	0.0050 U	54.30	0.0050 U	0.0065	0.0050 U	0.6920	0.00500 U
9/3/14	0.0050 U	0.0050 U	0.1320	0.0050 U	--	0.0050 U	57.10	0.0050 U	0.0069	0.0050 U	0.7390	0.00500 U
3/23/15	0.0020 U	0.0020 U	0.1300	0.0020 U	--	0.0040 U	64.00	0.0100 U	0.0100 U	0.0100 U	0.0310	0.00200 U
9/2/15	0.0010 U	0.0010 U	0.1300	0.0010 U	--	0.0005 U	64.00	0.0050 U	0.0050 U	0.0050 U	0.0270	0.00100 U
3/22/16	0.0020 U	0.0020 U	0.1380	0.0020 U	--	0.0020 U	58.40	0.0020 U	0.0041	0.0020 U	0.4500	0.00200 U
9/1/16	0.0020 U	0.0020 U	0.1460	0.0020 U	--	0.0020 U	64.60	0.0020 U	0.0057	0.0020 U	0.4670	0.00200 U
3/9/17	0.0020 U	0.0020 U	0.1350	0.0020 U	--	0.0020 U	61.90	0.0023	0.0054	0.0030	0.4290	0.00200 U
9/14/17	0.0020 U	0.0020 U	0.1450	0.0020 U	--	0.0020 U	62.80	0.0022	0.0040	0.0020 U	0.4350	0.00200 U
4/2/18	0.0020 U	0.0020 U	0.1380	0.0020 U	--	0.0020 U	68.10	0.0032	0.0047	0.0020 U	0.1020	0.00200 U
9/5/18	0.0020 U	0.0020 U	0.1300	0.0020 U	--	0.0020 U	72.50	0.0026	0.0048	0.0020 U	0.0779	0.00200 U
4/11/19	0.0010 U	0.0010 U	0.1510	0.0010 U	--	0.0010 U	56.50 B	0.0010 U	0.0053	0.0010 U	0.1000 U	0.00100 U
7/31/19	0.0010 U	0.0010 U	0.1520	0.0010 U	--	0.0010 U	55.30	0.0027	0.0057	0.0024	0.1390	0.00100 U
3/4/20	0.0010 U	0.0010 U	0.1470	0.0010 U	--	0.0010 U	61.70	0.0010 U	0.0051	0.0010 U	0.1150	0.00100 U
7/28/20	0.0010 U	0.0027	0.0656	0.0010 U	--	0.0010 U	49.30	0.0027	0.0186	0.0029	5.1100	0.00100 U
3/25/21	0.0010 U	0.0023	0.0574	0.0010 U	--	0.0010 U	51.10	0.0010 U	0.0179	0.0022	4.1900	0.00100 U
9/2/21	0.0010 U	0.0028	0.0546	0.0010 U	--	0.0010 U	51.90	0.0010 U	0.0194	0.0015	5.8900	0.00100 U
3/30/22	0.0010 U	0.0010 U	0.1380	0.0010 U	--	0.0010 U	65.20	0.0015	0.0051	0.0047	0.2100	0.00100 U

Gude Landfill
Monitoring Location OB08 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002			
4/27/01	--	5.08000	0.000100 U	0.0052	--	0.00180 U	0.0052 U	--	0.0009 U	0.2000 U	0.00060 U	--
9/4/01	--	2.50000	0.000100 U	0.0100 U	--	0.00200 U	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U	--
3/13/02	--	0.38270	0.000100 U	0.0030 U	--	0.00200 U	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U	--
9/16/02	--	0.55440	0.000200	0.0149	--	0.00570	0.0096 U	--	0.0010 U	0.0008 U	0.00030 U	--
6/3/03	--	0.74190	0.000200 U	0.0028	--	0.00120 U	0.0096 U	--	0.0010 U	0.0008 U	0.00030 U	--
3/25/04	--	0.23640	0.000200 U	0.0020 U	--	0.00070 U	0.0022 U	--	0.0004 U	0.0020 U	0.00040 U	--
9/20/04	--	0.09760	0.000100 U	0.0020 U	--	0.00200 U	0.0018 U	--	0.0006 U	0.0003 U	0.00040 U	--
4/6/05	--	0.07160	0.000100 U	0.0020 U	--	0.00200 U	0.0018 U	--	0.0006 U	0.0050 U	0.00040 U	--
9/21/05	--	0.41950	0.000100 U	0.0028	--	0.00100 U	0.0018 U	--	0.0006 U	0.0050 U	0.00040 U	--
4/4/06	--	0.24170	0.000100 U	0.0021	--	0.00150 U	0.0004 U	--	0.0004 U	0.0050 U	0.00040 U	--
9/25/06	--	8.92400	0.000200 U	0.0081	--	0.00200 U	0.0005 U	--	0.0007 U	0.0050 U	0.00070 U	--
4/17/07	--	--	0.000200 U	0.0089	--	0.00200 U	0.0005 U	--	0.0007 U	0.0500 U	0.00070 U	0.00570
10/2/07	--	--	0.000200 U	0.0082	--	0.00200 U	0.0005 U	--	0.0007 U	0.0020 U	0.00070 U	0.00390
3/26/08	--	--	0.000200 U	0.0039	--	0.00200 U	0.0001 U	--	0.0010 U	0.0500 U	0.00200 U	0.00480
9/24/08	--	--	0.000200 U	0.0040 U	--	0.00180 U	0.0016 U	--	0.0012 U	0.0011 U	0.00120 U	0.02000 U
3/9/09	--	--	0.000200 U	0.0100 U	--	0.00120 U	0.0043 U	--	0.0008 U	0.0011 U	0.00080 U	0.01000 U
9/21/09	12.900	6.29000	0.000200 U	0.0083	2.810	0.00200 U	0.0020 U	27.20	0.0020 U	--	0.00200 U	0.01000 U
7/27/10	--	--	0.000200 U	0.0071	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U	0.01400
9/20/10	14.900	7.18000	0.000200 U	0.0083	2.630	0.00500 U	0.0050 U	28.00	0.0050 U	--	0.00500 U	0.00500 U
4/21/11	17.000 J	6.56000	0.000200 U	0.0077	2.910	0.00500 U	0.0050 U	28.70 J	0.0050 U	--	0.00500 U	0.00765
9/6/11	16.800	7.22800	0.000200 U	--	2.860	0.00500 U	0.0050 U	27.40	0.0050 U	--	0.00500 U	0.00658
3/12/12	17.700	6.84000	0.000200 U	0.0082	2.850	0.00500 U	0.0050 U	28.00	0.0050 U	--	0.00500 U	0.00607
9/10/12	17.000	7.26000	0.000200 U	0.0090	2.950	0.00500 U	0.0050 U	25.40	0.0050 U	--	0.00500 U	0.00624

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB08 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
3/21/13	15.900	6.89000	0.000200 U	0.0102	2.480	0.00500 U	0.0050 U	26.30	0.0050 U	--	0.00500 U	0.00571
9/16/13	16.500	6.00000	0.000200 U	0.0077	2.710	0.00500 U	0.0050 U	26.40	0.0050 U	--	0.00500 U	0.00571
3/11/14	17.600	5.84000	0.000200 U	0.0070	2.610	0.00500 U	0.0050 U	20.10	0.0050 U	--	0.00500 U	0.00666
9/3/14	15.100	6.26000	0.000200 U	0.0089	2.700	0.00500 U	0.0050 U	24.00	0.0050 U	--	0.00500 U	0.01060
3/23/15	14.000	5.20000	0.000200 U	0.0075 J	2.800	0.03500 U	0.0100 U	25.00	0.0020 U	--	0.01000 U	0.00590 J
9/2/15	13.000	5.00000	0.000200 U	0.0100 U	2.700	0.00500 U	0.0010 U	24.00	0.0010 U	--	0.00500 U	0.00500 U
3/22/16	12.900	4.89000	0.000200 U	0.0054	2.330	0.00200 U	0.0020 U	22.20	0.0010 U	--	0.00200 U	0.00200 U
9/1/16	14.700	5.21000	0.000200 U	0.0084	2.550	0.00200 U	0.0020 U	23.70	0.0010 U	--	0.00200 U	0.00209
3/9/17	14.200	5.15000	0.000200 U	0.0078	2.620	0.00200 U	0.0020 U	23.50	0.0010 U	--	0.00200 U	0.00206
9/14/17	13.900	4.71000	0.000200 U	0.0054	2.350	0.00200 U	0.0020 U	23.20	0.0010 U	--	0.00200 U	0.00242
4/2/18	14.900	5.05000	0.000200 U	0.0067	2.640	0.00220	0.0020 U	24.10	0.0010 U	--	0.00200 U	0.00224
9/5/18	14.800	4.75000	0.000200 U	0.0066	2.520	0.00200 U	0.0020 U	23.70	0.0010 U	--	0.00200 U	0.00249
4/11/19	17.000	7.65000	0.000100 U	0.0067	2.720	0.00100 U	0.0010 U	25.40	0.0010 U	--	0.00100 U	0.00400 U
7/31/19	15.700	6.68000	0.000100 U	0.0076	2.620	0.00100 U	0.0010 U	24.10	0.0010 U	--	0.00100 U	0.00400 U
3/4/20	17.300	6.05000	0.000100 U	0.0064	2.730	0.00100 U	0.0010 U	23.50	0.0010 U	--	0.00100 U	0.00400 U
7/28/20	25.700	8.71000	0.000100 U	0.0079	2.940	0.00100 U	0.0010 U	35.20	0.0010 U	--	0.00100 U	0.00802
3/25/21	25.900	8.28000	0.000100 U	0.0063	2.890	0.00100 U	0.0010 U	34.90	0.0010 U	--	0.00100 U	0.01120
9/2/21	27.900	8.78000	0.000100 U	0.0065	3.090	0.00100 U	0.0010 U	37.90	0.0010 U	--	0.00100 U	0.00632
3/30/22	15.000	5.20000	0.000100 U	0.0038	2.610	0.00100 U	0.0010 U	24.40	0.0010 U	--	0.00100 U	0.00568

Gude Landfill
Monitoring Location OB08 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5		75
4/27/01	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	0.17 U	1.00 U	0.19 U	10.00 U
9/4/01	0.18 U	0.15 U	0.23 U	0.22 U	1.12	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	1.00 U	0.19 U	10.00 U
3/13/02	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	1.00 U	0.19 U	10.00 U
9/16/02	0.18 U	1.00 U	1.00 U	0.22 U	16.91	1.00 U	1.00 U	0.21 U	1.00 U	0.20 U	10.00 U	1.00 U	2.50	0.19 U	10.00 U
6/3/03	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
3/25/04	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/20/04	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/6/05	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/4/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	--	0.27 U	0.34 U	0.33 U	--
9/25/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.00 U	1.78	0.33 U	10.00 U
4/17/07	0.13 U	0.24 U	0.44 U	0.25 U	1.23	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	1.59	0.33 U	10.00 U
10/2/07	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	1.67	0.33 U	10.00 U
3/26/08	0.18 U	0.18 U	0.21 U	0.23 U	0.22 U	0.18 U	0.26 U	0.14 U	0.24 U	0.16 U	0.25 U	0.18 U	0.17 U	0.20 U	0.67
9/24/08	0.12 U	0.17 U	0.14 U	0.17 U	0.50 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	0.10 U	0.13 U	0.15 U	0.13 U	0.14 U
3/9/09	0.12 U	0.17 U	0.14 U	0.17 U	0.85	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	10.00 U	0.13 U	1.24	0.13 U	10.00 U
9/21/09	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.16	1.00 U	2.15
7/27/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.00
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	0.87 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.78 J	2.00 U	1.84 J
4/21/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	--	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB08 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)	
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
3/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60	--	4.00
9/10/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.01
9/16/13	1.00 U	1.00 U	1.00 U	1.00 U	1.38	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.54	1.00 U	1.59
3/11/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.65	1.00 U	3.66	
9/3/14	1.00 U	1.00 U	1.00 U	1.00 U	1.49	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U	3.52	
3/23/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	2.40	
9/2/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.02	1.00 U	2.39	
3/22/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.24	1.00 U	2.70	
9/1/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.26	1.00 U	3.40	
3/9/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.39	1.00 U	1.00 U	
9/14/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	2.62	
4/2/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.19	1.00 U	1.00 U	
9/5/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.16	1.00 U	2.59	
4/11/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30	1.00 U	2.70	
7/31/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	2.90	
3/4/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.70	
7/28/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.20	1.00 U	5.90	
3/25/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	6.90	
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	7.20	
3/30/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	3.20	

Gude Landfill
Monitoring Location OB08 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
4/27/01	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	1.00 U	0.23 U
9/4/01	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	1.00 U	0.23 U
3/13/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	1.00 U	0.23 U
9/16/02	--	0.18 U	--	0.15 U	--	1.21	0.20 U	0.18 U	0.14 U	0.15 U	1.25	1.00 U	5.15	1.00 U	1.00 U
6/3/03	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
3/25/04	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	1.00 U	1.00 U	0.15 U	0.28 U	0.20 U	0.23 U
9/20/04	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/6/05	1.00 U	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/21/05	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/4/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/25/06	0.29 U	0.19 U	--	0.39 U	--	1.09	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	4.81	1.00 U	0.27 U
4/17/07	1.00 U	0.19 U	--	0.39 U	--	1.00	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	4.14	1.00 U	0.27 U
10/2/07	1.00 U	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	4.04	1.00 U	0.27 U
3/26/08	--	--	--	--	--	0.24 U	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	0.68	0.10 U	0.21 U
9/24/08	--	--	--	--	--	0.09 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.16 U	0.13 U	0.12 U
3/9/09	--	--	--	--	--	0.71	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	2.02	0.13 U	0.12 U
9/21/09	0.71 J	1.00 U	1.00 U	2.70	1.00 U	0.71 J	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	1.95	0.44 J	1.00 U
7/27/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	0.80 J	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	4.00	1.00 U	1.00 U
9/20/10	2.00 U	2.00 U	2.00 U	0.50 U	2.00 U	0.66 J	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	3.31	0.55 J	2.00 U
4/21/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.10	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB08 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromochloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
9/6/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.70	1.00 U	1.00 U
9/10/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	4.41	1.00 U	1.00 U
3/21/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.52	1.00 U	1.00 U
9/16/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	4.26	1.00 U	1.00 U
3/11/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	4.87	1.00 U	1.00 U
9/3/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	6.88	1.00 U	1.00 U
3/23/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.75	1.00 U	1.00 U
9/2/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	4.01	1.00 U	1.00 U
3/22/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.97	1.00 U	1.00 U
9/1/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	4.91	1.00 U	1.00 U
3/9/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	4.77	1.00 U	1.00 U
9/14/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.15	1.00 U	1.00 U
4/2/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.20	1.00 U	1.00 U
9/5/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.77	1.00 U	1.00 U
4/11/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.50	1.00 U	1.00 U
7/31/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.50	1.00 U	1.00 U
3/4/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.70	1.00 U	1.00 U
7/28/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	12.00	1.00 U	1.00 U
3/25/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	12.20	1.00 U	1.00 U
9/2/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	11.80	1.00 U	1.00 U
3/30/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.30	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location OB08 - Volatile Organic Compounds

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)
MCL/ GWPS		70		80	700	10000				5	10000	100	5	1000
4/27/01	0.21 U	1.46	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U
9/4/01	0.21 U	2.26	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	2.60	0.27 U	0.21 U	1.00 U	0.24 U
3/13/02	0.21 U	2.52	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	1.00 U	0.27 U	0.21 U	1.00 U	0.24 U
9/16/02	1.00 U	29.93	0.19 U	0.17 U	0.26 U	1.00 U	2.63	--	0.22 U	1.00 U	0.27 U	0.21 U	28.07	1.00 U
6/3/03	0.21 U	2.08	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U
3/25/04	0.21 U	1.85	0.19 U	0.17 U	0.26 U	0.28 U	1.00 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U
9/20/04	0.25 U	1.76	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U
4/6/05	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U
9/21/05	0.25 U	1.34	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U
4/4/06	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U
9/25/06	0.25 U	9.92	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U
4/17/07	0.25 U	8.88	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U
10/2/07	0.25 U	11.07	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U
3/26/08	0.15 U	3.92	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.15 U	0.12 U	0.22 U	0.20 U	0.20 U	0.28 U
9/24/08	0.20 U	3.10	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.16 U	0.12 U
3/9/09	0.20 U	10.93	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.16 U	0.12 U
9/21/09	1.00 U	10.40	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/27/10	1.00 U	11.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/10	2.00 U	8.39	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/21/11	2.60	8.90	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB08 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U
3/12/12	1.00 U	17.00	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U
9/10/12	1.00 U	14.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/13	1.00 U	8.33	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/16/13	1.00 U	18.40	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/11/14	1.00 U	15.90	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/14	1.00 U	20.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/15	1.00 U	10.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/15	1.00 U	10.40	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/16	1.00 U	10.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/16	1.00 U	11.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/17	1.00 U	12.10	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/14/17	1.00 U	13.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.64
4/2/18	1.00 U	15.70	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/5/18	1.00 U	14.50	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/11/19	1.00 U	13.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/31/19	1.00 U	13.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/4/20	1.00 U	10.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/28/20	1.00 U	8.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/25/21	1.00 U	8.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/21	1.00 U	7.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/22	1.00 U	9.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Monitoring Location OB08 - Volatile Organic Compounds

	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS	100			5			2	10000
4/27/01	0.22 U	0.13 U	0.14 U	0.19 U	0.18 U	--	--	--
9/4/01	1.00 U	0.13 U	1.00 U	1.00 U	0.18 U	--	--	--
3/13/02	1.00 U	0.13 U	0.14 U	1.00 U	1.00 U	--	--	--
9/16/02	1.00 U	0.13 U	0.14 U	21.35	3.01	--	--	--
6/3/03	1.00 U	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
3/25/04	0.22 U	0.13 U	0.14 U	0.19 U	0.18 U	--	0.04	--
9/20/04	0.45 U	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
4/6/05	0.45 U	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/21/05	0.45 U	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
4/4/06	0.45 U	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/25/06	1.22	0.24 U	0.30 U	1.00 U	0.36 U	--	2.67	--
4/17/07	1.11	0.24 U	0.30 U	1.00 U	0.36 U	--	2.47	--
10/2/07	1.26	0.24 U	0.30 U	1.00 U	0.36 U	--	2.98	--
3/26/08	0.50 U	0.08 U	--	0.23 U	0.07 U	--	0.52	--
9/24/08	0.50 U	0.13 U	--	0.13 U	0.10 U	--	0.18 U	--
3/9/09	0.83	0.13 U	--	0.75	0.10 U	--	2.04	--
9/21/09	0.76 J	1.00 U	1.00 U	0.44 J	1.00 U	--	2.35	--
7/27/10	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	3.00	--
9/20/10	0.66 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	3.18	--
4/21/11	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	3.20	1.00 U	1.00 U

Gude Landfill

Monitoring Location OB08 - Volatile Organic Compounds

	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
9/6/11	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	4.00	1.00 U
9/10/12	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	3.68	--
3/21/13	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.78	--
9/16/13	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	4.41	--
3/11/14	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	3.53	--
9/3/14	1.20	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	3.83	--
3/23/15	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.80	--
9/2/15	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.55	--
3/22/16	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/1/16	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.05	--
3/9/17	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.06	--
9/14/17	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/2/18	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/5/18	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.07	--
4/11/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	--
7/31/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	--
3/4/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/28/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	--
3/25/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	--
9/2/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	--
3/30/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location OB10 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/26/11	0.005 U	0.005 U	0.060	0.005 U	0.005 U	17.5	0.01 U	0.01 U	0.005 U	0.1 J	0.005 U	8.0	0.012	0.0002 U
9/15/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/12	0.005 U	0.005 U	0.054	0.005 U	0.005 U	46.7	0.01 U	0.01	0.005 U	1.0	0.005 U	25.7	3.100	0.0002 U
9/18/12	0.005 U	0.005 U	0.065	0.005 U	0.005 U	58.2	0.01 U	0.01	0.005 U	1.6	0.005 U	33.6	4.270	0.0002 U
4/1/13	0.005 U	0.005 U	0.062	0.005 U	0.005 U	50.6	0.01 U	0.01	0.011	1.2	0.005 U	29.6	3.760	0.0002 U
9/23/13	0.005 U	0.005 U	0.075	0.005 U	0.005 U	54.7	0.01 U	0.01	0.005 U	1.8	0.005 U	33.7	4.760	0.0002 U
3/6/14	0.005 U	0.005 U	0.062	0.005 U	0.005 U	50.4	0.01 U	0.01	0.005 U	1.1	0.005 U	28.6	4.160	0.0002 U
9/4/14	0.005 U	0.005 U	0.070	0.005 U	0.005 U	53.2	0.01 U	0.01	0.005 U	1.6	0.005 U	30.7	--	0.0002 U
3/19/15	0.002 U	0.002 U	0.049	0.002 U	0.004 U	60.0	0.01 U	0.01 U	0.010 U	0.4	0.002 U	33.0	3.800	0.0002 U
9/3/15	0.001 U	0.001 U	0.069	0.001 U	0.001 U	67.0	0.01 U	0.01	0.005 U	1.3	0.001 U	40.0	5.800	0.0002 U
3/22/16	0.002 U	0.002 U	0.059	0.002 U	0.002 U	61.0	0.00 U	0.01	0.002 U	0.9	0.002 U	34.1	4.730	0.0002 U
8/30/16	0.002 U	0.002 U	0.084	0.002 U	0.002 U	64.7	0.00 U	0.01	0.002 U	1.5	0.002 U	39.0	6.640	0.0002 U
3/8/17	0.002 U	0.002 U	0.099	0.002 U	0.002 U	64.6	0.00 U	0.01	0.003	1.4	0.002 U	36.0	6.950	0.0002 U
9/13/17	0.002 U	0.002 U	0.099	0.002 U	0.002 U	68.6	0.00	0.01	0.002 U	1.3	0.002 U	36.6	6.780	0.0002 U
4/3/18	0.002 U	0.003	0.064	0.002 U	0.002 U	72.0	0.01	0.01	0.002 U	0.5	0.002 U	36.7	3.840	0.0002 U
9/11/18	0.002 U	0.002	0.083	0.002 U	0.002 U	66.1	0.00	0.01	0.002 U	0.6	0.002 U	35.7	5.520	0.0002 U

Gude Landfill
Monitoring Location OB10 - Dissolved Metals

Printed 5/25/22

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/26/11	0.01 U	1.2	0.005 U	0.01 U	9.3	0.005 U	0.01 U	0.091
9/15/11	0.01	--	--	--	--	--	--	--
3/8/12	0.01	3.1	0.005 U	0.01 U	18.8	0.005 U	0.01 U	0.008
9/18/12	0.01	3.5	0.006	0.01 U	21.3	0.005 U	0.01 U	0.008
4/1/13	0.01	3.4	0.005 U	0.01 U	22.7	0.005 U	0.01 U	0.007
9/23/13	0.01	3.1	0.005 U	0.01 U	20.1	0.005 U	0.01 U	0.008
3/6/14	0.01	3.0	0.005 U	0.01 U	18.4	0.005 U	0.01 U	0.006
9/4/14	0.01	3.2	0.005 U	0.01 U	19.8	0.005 U	0.01 U	0.009
3/19/15	0.01 J	3.5	0.035 U	0.01 U	21.0	0.002 U	0.01 U	0.010 U
9/3/15	0.01	3.6	0.005 J	0.00 U	23.0	0.001 U	0.01 U	0.003 J
3/22/16	0.01	3.1	0.004	0.00 U	20.7	0.001 U	0.00 U	0.002 J
8/30/16	0.01	3.4	0.005	0.00 U	23.0	0.001 U	0.00 U	0.003
3/8/17	0.01	3.3	0.005	0.00 U	22.1	0.001 U	0.00 U	0.004
9/13/17	0.01	3.2	0.004	0.00 U	22.2	0.001 U	0.00 U	0.004
4/3/18	0.01	3.4	0.006	0.00 U	22.4	0.001 U	0.00 U	0.007
9/11/18	0.01	3.5	0.005	0.00 U	20.8	0.001 U	0.00 U	0.005

Gude Landfill
Monitoring Location OB10 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
MCL/ GWPS					0.2			10		1				
9/5/01	--	--	--	29.5158	0.005	--	--	--	--	--	--	--	--	--
3/13/02	--	--	--	34.7181	0.003	--	--	--	--	--	--	--	--	--
6/3/03	--	--	--	57.2618	0.002 U	--	--	--	--	--	--	--	--	0.019
10/9/03	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.058
3/29/04	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.010 U
9/21/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.070
4/6/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.010 U
9/21/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.013
4/5/06	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.018
9/26/06	--	--	--	--	0.001	--	--	--	--	--	--	--	--	0.013
4/18/07	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.023
10/4/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	--
3/27/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/22/09	110.0	0.20 U	6.0 J	82.4000	--	--	160.0	0.2000 U	--	--	--	--	--	--
7/29/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/21/10	134.0	0.20 U	10.3	83.6000	--	--	230.0	0.0080 U	0.20 U	0.05 U	--	--	--	--
4/26/11	116.0	0.20 U	10.0 U	89.0000	--	--	230.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/15/11	122.0	0.20 U	10.0 U	94.1000	--	--	226.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/8/12	119.0	0.20 U	7.5	100.0000	--	--	210.0	0.2000 U	0.20 U	0.05 U	--	--	--	--

Gude Landfill
Monitoring Location OB10 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
9/18/12	133.0	0.20 U	10.0 U	121.0000	--	--	244.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
4/1/13	116.0	0.20 U	10.0 U	120.0000	--	0.02	234.0	0.2000 U	0.20 U	0.05 U	253.0	6.20	--	--
9/23/13	139.0	0.20 U	10.0 U	136.0000	--	0.03	278.0	0.2000 U	0.20 U	0.05 U	197.0	6.12	--	--
3/6/14	116.0	0.20 U	10.0 U	144.0000	--	0.02	256.0	0.2000 U	--	--	208.0	6.03	--	--
9/4/14	132.0	0.20 U	10.7	159.0000	--	1.23	292.0	0.2000 U	0.20 U	0.05 U	144.0	6.32	--	--
3/19/15	116.0	0.20 U	10.0 U	147.0000	--	0.00	276.0	0.2000 U	0.20 U	0.05 U	188.0	6.09	--	--
9/3/15	136.0	0.20 U	12.2	185.0000	--	0.75	332.0	0.2000 U	0.20 U	0.05 U	94.0	5.85	--	--
3/22/16	114.0	0.20 U	10.0 U	179.0000	--	0.00	294.0	0.2000 U	0.20 U	0.05 U	237.0	5.97	--	--
8/30/16	132.0	0.20 U	12.0	187.0000	--	1.72	368.0	0.2000 U	0.20 U	0.05 U	134.0	5.76	--	--
3/8/17	131.0	0.20 U	10.0 U	183.0000	--	--	344.0	0.2000 U	0.20 U	0.05 U	155.0	5.99	--	--
9/13/17	126.0	0.20 U	10.0 U	183.0000	--	--	292.0	0.2000 U	0.20 U	0.05 U	210.0	6.10	--	--
4/3/18	137.0	0.20 U	10.6	202.0000	--	--	353.0	0.2000 U	0.20 U	0.05 U	62.0	6.00	--	--
9/11/18	121.0	0.20 U	10.8	186.0000	--	0.85	318.0	0.2000 U	0.20 U	0.05 U	32.0	5.97	--	--
4/8/19	150.0	0.10 U	18.3	228.0000	--	0.02	361.0 B	0.2000 U	--	--	51.3	5.95	6.08	--
7/30/19	167.0	0.10 U	24.7	244.0000	--	0.23	377.0 B	0.2000 U	--	--	199.9	5.89	2.88	--
3/16/20	152.0	0.10 U	15.7	238.0000	--	0.62	410.0	0.2000 U	--	--	-1.0	5.80	6.27	--
8/3/20	161.0	0.10 U	19.4	269.0000	--	0.76	428.0	0.2000 U	--	--	33.3	6.08	6.03	--
3/29/21	172.0	0.10 U	12.1	268.0000	--	0.09	401.0	0.0000	--	--	22.3	5.96	6.19	--
9/7/21	160.0	0.05 U	46.6	278.0000	--	0.22	426.0	0.0110 U	--	--	171.0	5.80	6.01	--
3/29/22	167.0	0.04	14.5	287.0000	--	1.06	494.0	0.0110 U	--	--	0.2	5.90	6.14	--

Gude Landfill
Monitoring Location OB10 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS										
9/5/01	--	--	--	--	--	--	--	--	2.600	--
3/13/02	--	--	--	--	--	--	--	--	7.600	--
6/3/03	--	--	--	--	--	--	0 U	--	26.300	--
10/9/03	--	--	--	--	--	--	0 U	--	--	--
3/29/04	--	--	--	--	--	--	0 U	--	--	--
9/21/04	--	--	--	--	--	--	0 U	--	--	--
4/6/05	--	--	--	--	--	--	0 U	--	--	--
9/21/05	--	--	--	--	--	--	0	--	--	--
4/5/06	--	--	--	--	--	--	0	--	--	--
9/26/06	--	--	--	--	--	--	0	--	--	--
4/18/07	--	--	--	--	--	--	0 U	--	--	--
10/4/07	--	--	--	--	--	--	0 U	--	--	--
3/27/08	--	--	--	--	--	--	0 U	--	--	--
9/22/09	--	--	1.70	--	--	368.0	--	--	2.090	--
7/29/10	--	--	--	3.0 U	--	--	--	--	--	--
9/21/10	--	--	4.00 U	--	--	552.0	--	--	1.160	--
4/26/11	--	--	4.00 U	--	--	456.0	--	--	0.443	--
9/15/11	--	--	4.00 U	--	--	492.0	--	--	--	--
3/8/12	--	--	4.00 U	--	--	480.0	--	--	--	--

Gude Landfill Monitoring Location OB10 - General Parameters

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
9/18/12	--	--	4.00 U	--	--	396.0	--	--	--	--
4/1/13	654.0	--	4.00 U	--	13.9	440.0	--	--	--	0.00
9/23/13	636.8	--	4.00 U	--	13.9	434.0	--	--	--	0.00
3/6/14	596.2	--	4.00 U	--	13.1	340.0	--	--	--	0.00
9/4/14	663.6	--	4.00 U	--	13.9	466.0	--	--	--	0.30
3/19/15	589.7	--	4.00 U	--	13.2	424.0	--	--	--	0.00
9/3/15	787.5	--	4.00 U	--	15.3	523.0	--	--	--	0.00
3/22/16	671.0	--	4.00 U	--	12.8	399.0	--	--	--	0.00
8/30/16	765.7	--	4.00 U	--	14.6	579.0	--	--	--	0.00
3/8/17	717.8	--	4.00 U	--	13.5	371.0	--	--	--	0.00
9/13/17	766.2	--	4.00 U	--	14.8	600.0	--	--	--	0.60
4/3/18	841.7	--	4.00 U	--	10.3	374.0	--	--	--	0.00
9/11/18	805.2	--	4.00 U	--	17.4	481.0	--	--	--	0.00
4/8/19	1183.0	990.0	1.70	--	14.7	710.0	--	2.6 U	0.788	2.20
7/30/19	941.0	1090.0	2.60	--	14.7	952.0	--	2.3 U	0.500 U	0.00
3/16/20	1246.0	1060.0	1.63	--	12.3	782.0	--	6.0	1.820	0.30
8/3/20	1064.0	1180.0	1.52	--	19.4	659.0	--	18.5	1.530	4.80
3/29/21	1013.0	1180.0	0.30 U	--	14.1	615.0	--	11.3	0.972	2.24
9/7/21	1129.0	1170.0	1.10	--	19.8	619.0	--	31.8	0.500 U	3.70
3/29/22	1068.0	1239.0	1.80	--	12.1	676.0	--	11.6	2.630	2.77

Gude Landfill
Monitoring Location OB10 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
9/5/01	0.0020 U	0.0020 U	0.0567	0.0017 U	--	0.0020 U	--	0.0012 U	0.0044	0.0086	--	0.02470
3/13/02	0.0005 U	0.0020 U	0.0506	0.0017 U	--	0.0034	--	0.0012 U	0.0023	0.0119	--	0.00630
6/3/03	0.0007 U	0.0020 U	0.0434	0.0004 U	--	0.0020 U	--	0.0020 U	0.0029	0.0161	--	0.00210
10/9/03	0.0009 U	0.0008 U	0.0413	0.0016 U	--	0.0007 U	--	0.0005 U	0.0027	0.0100 U	--	0.00200 U
3/29/04	0.0009 U	0.0008 U	0.0436	0.0016 U	--	0.0020 U	--	0.0005 U	0.0036	0.0100 U	--	0.00200 U
9/21/04	0.0028 U	0.0020 U	0.0425	0.0012 U	--	0.0020 U	--	0.0020 U	0.0035	0.0132	--	0.00200 U
4/6/05	0.0028 U	0.0006 U	0.0375	0.0012 U	--	0.0020 U	--	0.0007 U	0.0026	0.0100 U	--	0.00200 U
9/21/05	0.0028 U	0.0020 U	0.0379	0.0012 U	--	0.0020 U	--	0.0007 U	0.0029	0.0100 U	--	0.00200 U
4/5/06	0.0006 U	0.0006 U	0.0300	0.0007 U	--	0.0020 U	--	0.0020 U	0.0005 U	0.0080	--	0.00200 U
9/26/06	0.0007 U	0.0040	0.0778	0.0009 U	--	0.0020 U	--	0.0020 U	0.0035	0.0083	--	0.00210
4/18/07	0.0007 U	0.0008 U	0.0366	0.0009 U	0.020 U	--	--	0.0007 U	0.0020 U	0.0079	--	0.00200 U
10/4/07	0.0007 U	0.0008 U	0.0491	0.0009 U	0.020 U	--	--	0.0020 U	0.0041	0.0082	--	0.00310
3/27/08	0.0005 U	0.0006 U	0.0321	0.0010 U	0.005 U	--	--	0.0020 U	0.0022	0.0041	--	0.00200 U
3/5/09	0.0020 U	0.0020 U	0.0401	0.0012 U	0.010 U	--	--	0.0007 U	0.0020 U	0.0063	--	0.00200 U
9/22/09	0.0020 U	0.0020 U	0.0468	0.0020 U	--	0.0020 U	38.60	0.0020 U	0.0029	0.0060	0.5980	0.00200 U
7/29/10	0.0010 U	0.0015	0.0530	0.0010 U	--	0.0010 U	--	0.0008 J	0.0067	0.0016	--	0.00140
9/21/10	0.0050 U	0.0050 U	0.0553	0.0050 U	--	0.0050 U	43.40	0.0050 U	0.0059	0.0057	1.2800	0.00500 U
4/26/11	0.0050 U	0.0050 U	0.0531	0.0050 U	--	0.0050 U	39.80 J	0.0050 U	0.0050 U	0.0050 U	0.7830	0.00500 U
9/15/11	0.0050 U	0.0050 U	0.0534	0.0050 U	--	0.0050 U	45.80	0.0050 U	0.0050 U	0.0050 U	1.1200	0.00500 U
3/8/12	0.0050 U	0.0050 U	0.0569	0.0050 U	--	0.0050 U	48.10	0.0050 U	0.0052	0.0050 U	0.9750	0.00500 U
9/18/12	0.0050 U	0.0050 U	0.0573	0.0050 U	--	0.0050 U	50.10	0.0050 U	0.0081	0.0050 U	1.6300	0.00500 U
4/1/13	0.0050 U	0.0050 U	0.0562	0.0050 U	--	0.0050 U	45.00	0.0050 U	0.0067	0.0109	1.1400	0.00500 U
9/23/13	0.0050 U	0.0050 U	0.0763	0.0050 U	--	0.0050 U	55.80	0.0050 U	0.0084	0.0050 U	1.7500	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB10 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
3/6/14	0.0050 U	0.0050 U	0.0622	0.0050 U	--	0.0050 U	53.30	0.0050 U	0.0062	0.0050 U	1.1400	0.00500 U
9/4/14	0.0050 U	0.0050 U	0.0699	0.0050 U	--	0.0050 U	56.60	0.0050 U	0.0078	0.0050 U	1.5800	0.00500 U
3/19/15	0.0020 U	0.0020 U	0.0470	0.0020 U	--	0.0040 U	62.00	0.0100 U	0.0053 U	0.0100 U	0.4000	0.00200 U
9/3/15	0.0010 U	0.0023	0.0640	0.0010 U	--	0.0005 U	67.00	0.0050 U	0.0091	0.0050 U	1.3000	0.00100 U
3/22/16	0.0020 U	0.0020 U	0.0591	0.0020 U	--	0.0020 U	59.70	0.0020 U	0.0055	0.0020 U	0.9710	0.00200 U
8/30/16	0.0020 U	0.0020 U	0.0769	0.0020 U	--	0.0020 U	64.30	0.0020 U	0.0090	0.0020 U	1.4500	0.00200 U
3/8/17	0.0020 U	0.0022	0.1020	0.0020 U	--	0.0020 U	62.60	0.0023	0.0122	0.0020 U	1.3300	0.00200 U
9/13/17	0.0020 U	0.0020 U	0.1000	0.0020 U	--	0.0020 U	69.00	0.0030	0.0093	0.0020 U	1.3300	0.00200 U
4/3/18	0.0020 U	0.0028	0.0566	0.0020 U	--	0.0020 U	78.10	0.0032	0.0053	0.0031	0.4980	0.00200 U
9/11/18	0.0020 U	0.0026	0.0799	0.0020 U	--	0.0020 U	71.00	0.0020 U	0.0100	0.0040	0.6130	0.00200 U
4/8/19	0.0010 U	0.0010 U	0.1200	0.0010 U	--	0.0010 U	64.50	0.0010 U	0.0218	0.0010 U	1.6100	0.00100 U
7/30/19	0.0010 U	0.0010 U	0.1350	0.0010 U	--	0.0010 U	69.80 B	0.0011	0.0266	0.0016	2.8000	0.00100 U
3/16/20	0.0010 U	0.0010 U	0.1390	0.0010 U	--	0.0010 U	76.20	0.0015	0.0258	0.0010 U	2.0600	0.00109
8/3/20	0.0010 U	0.0010 U	0.1430	0.0010 U	--	0.0010 U	76.80	0.0011	0.0287	0.0014	2.5600	0.00100 U
3/29/21	0.0010 U	0.0010	0.0770	0.0010 U	--	0.0010 U	81.40	0.0013	0.0117	0.0022	1.2800	0.00133
9/7/21	0.0010 U	0.0010 U	0.1350	0.0010 U	--	0.0010 U	80.60	0.0010 U	0.0216	0.0010 U	1.9800	0.00100 U
3/29/22	0.0010 U	0.0010 U	0.0878	0.0010 U	--	0.0010 U	104.00	0.0015	0.0133	0.0029	1.2600	0.00185

Gude Landfill
Monitoring Location OB10 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002			
9/5/01	--	2.59000	0.000100 U	0.0100 U	--	0.00090 U	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U	--
3/13/02	--	2.32200	0.000100 U	0.0100 U	--	0.00090 U	0.0044 U	--	0.0009 U	0.2000 U	0.00200 U	--
6/3/03	--	2.19600	0.000200 U	0.0049	--	0.00120 U	0.0096 U	--	0.0010 U	0.0008 U	0.00200 U	--
10/9/03	--	2.03000	0.000200 U	0.0049	--	0.00070 U	0.0022 U	--	0.0004 U	0.0003 U	0.00040 U	--
3/29/04	--	20.38000	0.000200 U	0.0056	--	0.00070 U	0.0022 U	--	0.0004 U	0.0020 U	0.00040 U	--
9/21/04	--	2.24800	0.000100 U	0.0074	--	0.00100 U	0.0018 U	--	0.0006 U	0.0003 U	0.00200 U	--
4/6/05	--	1.91940	0.000100 U	0.0048	--	0.00100 U	0.0018 U	--	0.0006 U	0.0050 U	0.00040 U	--
9/21/05	--	2.04000	0.000100 U	0.0051	--	0.00100 U	0.0018 U	--	0.0006 U	0.0050 U	0.00040 U	--
4/5/06	--	0.00200 U	0.000100 U	0.0056	--	0.00150 U	0.0004 U	--	0.0004 U	0.0050 U	0.00040 U	--
9/26/06	--	2.37600	0.000200 U	0.0080	--	0.00080 U	0.0005 U	--	0.0007 U	0.0050 U	0.00070 U	--
4/18/07	--	--	0.000200 U	0.0057	--	0.00200 U	0.0005 U	--	0.0007 U	0.0500 U	0.00070 U	0.02300
10/4/07	--	--	0.000200 U	0.0066	--	0.00200 U	0.0005 U	--	0.0007 U	0.0020 U	0.00070 U	0.01980
3/27/08	--	--	0.000200 U	0.0049	--	0.00200 U	0.0001 U	--	0.0001 U	0.0500 U	0.00200 U	0.00870
3/5/09	--	--	0.000200 U	0.0049	--	0.00200 U	0.0009 U	--	0.0002 U	0.0011 U	0.00080 U	0.01070
9/22/09	19.400	2.63000	0.000200 U	0.0079	2.810	0.00200 U	0.0020 U	19.00	0.0020 U	--	0.00200 U	0.01000 U
7/29/10	--	--	0.000200 U	0.0072	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U	0.01400
9/21/10	24.000	3.47000	0.000200 U	0.0079	2.650	0.00500 U	0.0050 U	20.30	0.0050 U	--	0.00500 U	0.00595
4/26/11	24.900 J	2.68000	0.000200 U	0.0063	3.280	0.00500 U	0.0050 U	18.40 J	0.0050 U	--	0.00500 U	0.00573
9/15/11	27.800	3.03000	0.000200 U	--	3.000	0.00500 U	0.0050 U	19.60	0.0050 U	--	0.00500 U	0.00698
3/8/12	25.800	3.15000	0.000200 U	0.0081	3.020	0.00500 U	0.0050 U	18.20	0.0050 U	--	0.00500 U	0.00662
9/18/12	28.100	4.31000	0.000200 U	0.0120	3.320	0.00500 U	0.0050 U	18.30	0.0050 U	--	0.00500 U	0.00705
4/1/13	25.100	3.66000	0.000200 U	0.0112	3.440	0.00500 U	0.0050 U	19.80	0.0050 U	--	0.00500 U	0.00562
9/23/13	34.400	5.20000	0.000200 U	0.0119	2.980	0.00500 U	0.0050 U	20.80	0.0050 U	--	0.00500 U	0.00811

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB10 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
3/6/14	30.300	3.96000	0.000200 U	0.0083	3.090	0.00500 U	0.0050 U	19.60	0.0050 U	--	0.00500 U	0.00671
9/4/14	32.500	5.01000	0.000200 U	0.0101	3.290	0.00500 U	0.0050 U	21.00	0.0050 U	--	0.00500 U	0.00864
3/19/15	34.000	3.70000	0.000200 U	0.0110	3.400	0.03500 U	0.0100 U	21.00	0.0020 U	--	0.01000 U	0.01000 U
9/3/15	40.000	5.80000	0.000200 U	0.0100 U	3.600	0.00700	0.0010 U	23.00	0.0010 U	--	0.00500 U	0.00500 U
3/22/16	33.700	4.68000	0.000200 U	0.0082	3.420	0.00400	0.0020 U	20.40	0.0010 U	--	0.00200 U	0.00209
8/30/16	36.200	6.57000	0.000200 U	0.0111	3.130	0.00410	0.0020 U	21.50	0.0010 U	--	0.00200 U	0.00222
3/8/17	34.900	7.72000	0.000200 U	0.0143	3.240	0.00583	0.0020 U	21.90	0.0010 U	--	0.00200 U	0.00366
9/13/17	36.400	6.60000	0.000200 U	0.0124	3.200	0.00357	0.0020 U	22.10	0.0010 U	--	0.00200 U	0.00404
4/3/18	38.300	3.45000	0.000200 U	0.0095	3.460	0.00645	0.0020 U	22.60	0.0010 U	--	0.00200 U	0.00889
9/11/18	34.100	5.57000	0.000200 U	0.0132	3.280	0.00557	0.0020 U	21.20	0.0010 U	--	0.00200 U	0.01560
4/8/19	48.500	14.40000	0.000100 U	0.0225	3.680	0.00100 U	0.0010 U	27.50	0.0010 U	--	0.00100 U	0.00543
7/30/19	49.200	14.90000	0.000100 U	0.0260	3.780	0.00100 U	0.0010 U	26.90 B	0.0010 U	--	0.00100 U	0.00730
3/16/20	53.300	14.80000	0.000100 U	0.0287	4.320	0.00100 U	0.0010 U	29.90	0.0010 U	--	0.00100 U	0.00400 U
8/3/20	57.400	15.30000	0.000100 U	0.0294	4.500	0.00100 U	0.0010 U	32.30	0.0010 U	--	0.00100 U	0.00588
3/29/21	48.000	7.42000	0.000118	0.0116	3.950	0.00100 U	0.0010 U	26.70	0.0010 U	--	0.00100 U	0.00779
9/7/21	54.500	14.00000	0.000100 U	0.0261	4.360	0.00100 U	0.0010 U	30.20	0.0010 U	--	0.00100 U	0.00458
3/29/22	56.900	8.61000	0.000186	0.0165	4.450 B	0.00100 U	0.0010 U	29.40	0.0010 U	--	0.00100 U	0.00538

Gude Landfill

Printed 5/25/22

Monitoring Location OB10 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200		5		7				0.2	0.05	600	5	5		75
9/5/01	0.18 U	0.15 U	0.23 U	1.00 U	4.99	1.00 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	1.00 U	3.03	0.19 U	10.00 U
3/13/02	0.18 U	0.15 U	0.23 U	1.00 U	3.20	1.00 U	1.00 U	0.21 U	0.14 U	0.20 U	10.00 U	1.00 U	2.03	0.19 U	10.00 U
6/3/03	1.00 U	1.00 U	1.58	1.00 U	3.18	1.00 U	1.00 U	1.30	5.71	1.00 U	10.00 U	1.00 U	1.88	1.00 U	10.00 U
10/9/03	0.18 U	0.15 U	0.23 U	0.22 U	2.23	1.00 U	1.00 U	0.21 U	1.00 U	0.20 U	1.00 U	1.00 U	1.52	0.19 U	1.20
3/29/04	0.18 U	0.15 U	0.23 U	0.22 U	3.88	1.00 U	0.22 U	0.21 U	1.00 U	0.20 U	0.19 U	1.00 U	2.16	0.19 U	1.28
9/21/04	0.13 U	0.24 U	0.44 U	0.25 U	3.70	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.00 U	3.11	0.33 U	10.00 U
4/6/05	0.13 U	0.24 U	0.44 U	0.25 U	1.99	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	2.01	0.33 U	10.00 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	2.99	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.00 U	2.36	0.33 U	10.00 U
4/5/06	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	1.08	0.33 U	10.00 U
9/26/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	11.00 U	0.27 U	0.34 U	0.33 U	11.00 U
4/18/07	0.13 U	0.24 U	0.44 U	0.25 U	2.20	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.00 U	1.48	0.33 U	10.00 U
10/4/07	0.13 U	0.24 U	0.44 U	0.25 U	4.99	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	4.46	0.33 U	10.00 U
3/27/08	0.18 U	0.18 U	0.21 U	0.23 U	1.04	0.18 U	0.26 U	0.14 U	0.24 U	0.16 U	0.25 U	0.18 U	1.55	0.20 U	10.00 U
3/5/09	0.12 U	0.17 U	0.14 U	0.17 U	0.14 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	10.00 U	0.13 U	0.15 U	0.13 U	10.00 U
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	3.49	1.00 U	1.00 U	0.49 J	1.00 U	1.00 U	1.23	0.56 J	2.53	1.00 U	4.84
7/29/10	1.00 U	1.00 U	1.00 U	1.00 U	6.00	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.00
9/21/10	2.00 U	2.00 U	2.00 U	2.00 U	5.60	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.64 J	2.65	2.00 U	5.54
4/26/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/15/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/8/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	0.32	1.00 U	2.80	--	5.00

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB10 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
9/18/12	1.00 U	1.00 U	1.00 U	1.00 U	4.06	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	7.09
4/1/13	1.00 U	1.00 U	1.00 U	1.00 U	7.23	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.02	1.43	5.86	1.00 U	12.90
9/23/13	1.00 U	1.00 U	1.00 U	1.00 U	4.91	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.36	1.00 U	9.31
3/6/14	1.00 U	1.00 U	1.00 U	1.00 U	3.33	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.69	1.00 U	7.07
9/4/14	1.00 U	1.00 U	1.00 U	1.00 U	3.73	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.25	1.00 U	8.74
3/19/15	1.00 U	1.00 U	1.00 U	1.00 U	2.86	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.86	1.00 U	6.93
9/3/15	1.00 U	1.00 U	1.00 U	1.00 U	3.45	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.01	4.26	1.00 U	10.40
3/22/16	1.00 U	1.00 U	1.00 U	1.00 U	2.68	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.31	1.00 U	8.46
8/30/16	1.00 U	1.00 U	1.00 U	1.00 U	2.48	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.19	1.00 U	9.39
3/8/17	1.00 U	1.00 U	1.00 U	1.00 U	2.22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.90	1.00 U	8.88
9/13/17	1.00 U	1.00 U	1.00 U	1.00 U	1.97	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.53	1.00 U	7.57
4/3/18	1.00 U	1.00 U	1.00 U	1.00 U	2.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.90	1.00 U	7.41
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.34	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U	5.37
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	2.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.30	1.00 U	9.50
7/30/19	1.00 U	1.00 U	1.00 U	1.00 U	2.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.40	1.00 U	11.10
3/16/20	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.40	1.00 U	9.80
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	2.00	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	2.90	1.00 U	11.30
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	2.10	1.00 U	10.70
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.90	1.00 U	11.40
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.70	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	2.20	1.00 U	10.80

Gude Landfill
Monitoring Location OB10 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
9/5/01	--	0.18 U	--	1.00 U	--	3.10	0.20 U	0.18 U	0.14 U	0.15 U	1.00 U	0.15 U	0.28 U	1.00 U	0.23 U
3/13/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	1.00 U	1.00 U	0.15 U	0.28 U	0.20 U	0.23 U
6/3/03	--	0.18 U	--	1.00 U	--	1.95	0.20 U	1.00 U	1.00 U	0.15 U	1.75	1.00 U	1.00 U	1.00 U	1.00 U
10/9/03	0.11	0.18 U	--	0.15 U	--	1.18	0.20 U	0.18 U	0.14 U	1.00 U	1.00 U	0.15 U	1.00 U	0.20 U	0.23 U
3/29/04	3.43	1.00 U	--	0.15 U	--	1.77	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
9/21/04	0.29 U	1.00 U	--	0.39 U	--	2.14	0.34 U	0.31 U	0.27 U	0.31 U	2.50 U	0.25 U	0.40 U	0.31 U	0.27 U
4/6/05	1.00 U	1.00 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/21/05	0.29 U	0.19 U	--	0.39 U	--	1.87	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.00 U	0.31 U	0.27 U
4/5/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/26/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/18/07	0.29 U	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
10/4/07	1.00 U	1.00 U	--	0.39 U	--	2.86	0.34 U	0.31 U	0.27 U	1.00 U	2.50 U	0.25 U	1.01	0.31 U	0.27 U
3/27/08	--	--	--	--	--	0.73	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	0.50 U	0.10 U	0.21 U
3/5/09	--	--	--	--	--	0.09 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.16 U	0.13 U	0.12 U
9/22/09	1.00 U	1.00 U	1.00 U	1.67	1.00 U	1.72	1.00 U	1.00 U	1.00 U	0.36 J	2.50 U	1.00 U	0.94 J	1.00 U	1.00 U
7/29/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	2.00	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00	1.00 U	1.00 U
9/21/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.04	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	0.98 J	0.68 J	2.00 U
4/26/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.30	1.00 U	1.00 U	1.00 U	1.00 U
9/15/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB10 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
9/18/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.49	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.16	1.00 U	1.00 U
9/23/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.16	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.20	1.00 U	1.00 U
3/6/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.76	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.00	1.00 U	1.00 U
9/4/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.26	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.77	1.00 U	1.00 U
3/19/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.89	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.25	1.00 U	1.00 U
9/3/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.43	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.46	1.00 U	1.00 U
3/22/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.23	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.18	1.00 U	1.00 U
8/30/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.16	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.57	1.00 U	1.00 U
3/8/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.99	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.26	1.00 U	1.00 U
9/13/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.74	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.12	1.00 U	1.00 U
4/3/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.95	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.10	1.00 U	1.00 U
9/11/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.27	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.26	1.00 U	1.00 U
4/8/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.40	1.00 U	1.00 U
7/30/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.90	1.00 U	1.00 U
3/16/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.80	1.00 U	1.00 U
8/3/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.40	1.00 U	1.00 U
3/29/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.40	1.00 U	1.00 U
9/7/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.60	1.00 U	1.00 U
3/29/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.70	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location OB10 - Volatile Organic Compounds

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000
9/5/01	0.21 U	85.97	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	21.95	0.27 U	0.21 U	9.01	1.00 U
3/13/02	0.21 U	35.90	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	0.22 U	1.00 U	0.27 U	0.21 U	12.02	0.24 U
6/3/03	0.21 U	22.43	1.00 U	1.00 U	1.00 U	2.84	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	9.45	1.00 U
10/9/03	0.21 U	18.60	0.19 U	0.17 U	0.26 U	1.00 U	1.00 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	1.00 U
3/29/04	0.21 U	22.58	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	6.03	0.24 U
9/21/04	0.25 U	22.03	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U
4/6/05	0.25 U	10.04	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	2.28	0.32 U
9/21/05	0.25 U	21.18	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U
4/5/06	0.25 U	4.81	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U
9/26/06	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U
4/18/07	0.25 U	13.70	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	2.47	0.32 U
10/4/07	0.25 U	34.09	0.29 U	0.27 U	1.00 U	0.40 U	0.28 U	--	0.25 U	0.34 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/08	0.15 U	20.83	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.15 U	0.12 U	0.22 U	0.20 U	0.20 U	0.28 U
3/5/09	0.20 U	0.14 U	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.16 U	0.12 U
9/22/09	1.00 U	17.90	1.00 U	1.00 U	0.39 J	0.83 J	1.00 U	0.40 J	1.00 U	1.00 U	0.34 J	0.28 J	1.03	0.27 J
7/29/10	1.00 U	29.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	4.00	1.00 U
9/21/10	2.00 U	24.00	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.95 J	2.00 U
4/26/11	6.20	9.60	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U
9/15/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	2.30	1.00 U
3/8/12	1.00 U	24.00	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.80	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB10 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)
9/18/12	1.00 U	25.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/1/13	1.00 U	51.20	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.43	1.00 U
9/23/13	1.00 U	33.90	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/14	1.00 U	29.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.75	1.00 U
9/4/14	1.00 U	36.70	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.88	1.00 U
3/19/15	1.00 U	30.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.26	1.00 U
9/3/15	1.00 U	46.10	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/16	1.00 U	38.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/16	1.00 U	39.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/17	1.00 U	37.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/13/17	1.00 U	31.30	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/3/18	1.00 U	31.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	18.90	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	1.00 U	36.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	1.00 U	42.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/16/20	1.00 U	32.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	40.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	1.00 U	25.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	23.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	1.00 U	23.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Monitoring Location OB10 - Volatile Organic Compounds

	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS	100			5			2	10000
9/5/01	2.19	0.13 U	0.14 U	50.56	1.00 U	--	--	--
3/13/02	1.00 U	0.13 U	0.14 U	25.98	1.00 U	--	--	--
6/3/03	1.79	0.13 U	1.00 U	14.45	1.00 U	--	--	--
10/9/03	1.00	0.13 U	0.14 U	19.73	0.18 U	--	2.13	--
3/29/04	0.22 U	0.13 U	1.00 U	15.42	1.00 U	--	5.87	--
9/21/04	1.80	0.24 U	0.30 U	33.16	1.00 U	--	9.43	--
4/6/05	1.07	0.24 U	1.00 U	15.67	0.36 U	--	5.66	--
9/21/05	1.96	0.24 U	0.30 U	23.54	0.36 U	--	9.35	--
4/5/06	0.45 U	0.24 U	0.30 U	8.76	0.36 U	--	0.32 U	--
9/26/06	0.45 U	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
4/18/07	1.00 U	0.24 U	0.30 U	10.60	0.36 U	--	2.43	--
10/4/07	5.04	0.24 U	0.30 U	28.64	0.36 U	--	16.03	--
3/27/08	1.12	0.08 U	--	1.31	0.07 U	--	2.15	--
3/5/09	0.14 U	0.13 U	--	0.13 U	0.10 U	--	0.18 U	--
9/22/09	2.39	1.00 U	1.00 U	13.30	1.00 U	--	6.07	--
7/29/10	4.00	1.00 U	5.00 U	16.00	1.00 U	1.00 U	7.00	--
9/21/10	3.94	2.00 U	2.00 U	13.40	2.00 U	2.00 U	11.70	--
4/26/11	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/15/11	3.90	1.00 U	5.00 U	11.00	1.00 U	1.00 U	17.00	1.00 U
3/8/12	1.00 U	1.00 U	5.00 U	12.00	1.00 U	1.00 U	9.00	1.00 U

Gude Landfill
Monitoring Location OB10 - Volatile Organic Compounds

Printed 5/25/22

	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
9/18/12	1.00 U	1.00 U	5.00 U	14.40	1.00 U	5.00 U	12.50	--
4/1/13	5.16	1.00 U	5.00 U	25.40	1.00 U	5.00 U	26.60	--
9/23/13	2.22	1.00 U	5.00 U	17.90	1.00 U	5.00 U	14.40	--
3/6/14	2.61	1.00 U	5.00 U	12.60	1.00 U	5.00 U	15.20	--
9/4/14	3.11	1.00 U	5.00 U	13.10	1.00 U	5.00 U	19.20	--
3/19/15	2.61	1.00 U	5.00 U	10.00	1.00 U	5.00 U	17.10	--
9/3/15	3.05	1.00 U	5.00 U	15.60	1.00 U	5.00 U	23.50	--
3/22/16	2.43	1.00 U	5.00 U	11.90	1.00 U	5.00 U	18.20	--
8/30/16	2.39	1.00 U	5.00 U	10.20	1.00 U	5.00 U	18.10	--
3/8/17	2.17	1.00 U	5.00 U	8.95	1.00 U	5.00 U	15.40	--
9/13/17	1.87	1.00 U	5.00 U	6.50	1.00 U	5.00 U	13.20	--
4/3/18	2.32	1.00 U	5.00 U	4.26	1.00 U	5.00 U	16.30	--
9/11/18	1.31	1.00 U	5.00 U	3.17	1.00 U	5.00 U	10.50	--
4/8/19	2.20	1.00 U	1.00 U	5.80	1.00 U	1.00 U	20.90	--
7/30/19	2.90	1.00 U	1.00 U	6.00	1.00 U	1.00 U	28.10	--
3/16/20	1.80	1.00 U	1.00 U	3.10	1.00 U	1.00 U	19.20	--
8/3/20	2.30	1.00 U	1.00 U	2.50	1.00 U	1.00 U	27.30	--
3/29/21	1.90	1.00 U	1.00 U	2.20	1.00 U	1.00 U	27.80	--
9/7/21	1.60	1.00 U	1.00 U	2.50	1.00 U	1.00 U	21.40	--
3/29/22	1.90	1.00 U	1.00 U	1.70	1.00 U	1.00 U	24.80	--

Gude Landfill
Monitoring Location OB11A - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/20/11	0.005 U	0.005 U	0.193	0.005 U	0.005 U	76.0	0.01 U	0.02	0.009	0.8	0.005 U	56.2	6.520	0.0002 U
9/6/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/12/12	0.005 U	0.005 U	0.179	0.005 U	0.005 U	90.9	0.01 U	0.02	0.006	0.9	0.005 U	67.6	6.630	0.0002 U
9/13/12	0.005 U	0.005 U	0.169	0.005 U	0.005 U	94.3	0.01 U	0.02	0.006	1.0	0.005 U	66.0	6.210	0.0002 U
3/26/13	0.005 U	0.005 U	0.190	0.005 U	0.005 U	83.9	0.01 U	0.02	0.014	1.0	0.005 U	63.2	6.700	0.0002 U
9/12/13	0.005 U	0.005 U	0.163	0.005 U	0.005 U	96.6	0.01 U	0.03	0.006	1.1	0.005 U	67.5	7.130	0.0002 U
3/11/14	0.005 U	0.005 U	0.203	0.005 U	0.005 U	80.7	0.01 U	0.02	0.005	0.8	0.005 U	60.1	6.430	0.0002 U
9/10/14	0.005 U	0.005 U	0.186	0.005 U	0.005 U	100.0	0.01 U	0.02	0.006	1.1	0.005 U	70.4	7.290	0.0002 U
3/19/15	0.002 U	0.002	0.180	0.002 U	0.002 J	99.0	0.02	0.02	0.003 J	0.5	0.002 U	73.0	7.600	0.0002 U
9/1/15	0.001 U	0.003	0.160	0.001 U	0.002	120.0	0.01 U	0.03	0.005 U	0.7	0.001 U	83.0	8.600	0.0002 U
3/21/16	0.002 U	0.002 U	0.199	0.002 U	0.002 U	108.0	0.00	0.03	0.002	1.4	0.002 U	76.8	8.870	0.0002 U
8/30/16	0.002 U	0.002	0.188	0.002 U	0.002 U	114.0	0.00 U	0.03	0.003	1.4	0.002 U	82.6	9.140	0.0002 U
3/8/17	0.002 U	0.004	0.158	0.002 U	0.002 U	125.0	0.00 U	0.04	0.014	2.3	0.002 U	86.0	9.530	0.0002 U
9/14/17	0.002 U	0.002 U	0.145	0.002 U	0.002 U	110.0	0.01	0.03	0.002 U	1.6	0.002 U	76.3	9.100	0.0002 U
3/29/18	0.002 U	0.003	0.156	0.002 U	0.002 U	122.0	0.01	0.03	0.002 U	1.0	0.002 U	81.1	10.900	0.0002 U
9/5/18	0.002 U	0.002	0.177	0.002 U	0.002 U	120.0	0.02	0.03	0.002 U	1.0	0.002 U	79.8	11.100	0.0002 U

Gude Landfill

Printed 5/25/22

Monitoring Location OB11A - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/20/11	0.02	6.6	0.005 U	0.01 U	84.5	0.005 U	0.01 U	0.024
9/6/11	0.02	--	--	--	--	--	--	--
3/12/12	0.02	6.6	0.005 U	0.01 U	98.9	0.005 U	0.01 U	0.023
9/13/12	0.03	7.3	0.005 U	0.01 U	95.2	0.005 U	0.01 U	0.020
3/26/13	0.02	7.6	0.005 U	0.01 U	96.0	0.005 U	0.01 U	0.021
9/12/13	0.02	6.7	0.005	0.01 U	97.8	0.005 U	0.01 U	0.019
3/11/14	0.02	6.8	0.005 U	0.01 U	88.4	0.005 U	0.01 U	0.021
9/10/14	0.02	6.0	0.006	0.01 U	103.0	0.005 U	0.01 U	0.019
3/19/15	0.04	6.0	0.035 U	0.01 U	96.0	0.002 U	0.01 U	0.021
9/1/15	0.03	6.4	0.009	0.00 U	110.0	0.001 U	0.01 U	0.022
3/21/16	0.02	5.3	0.006	0.00 U	106.0	0.001 U	0.00 U	0.017
8/30/16	0.03	5.7	0.007	0.00 U	113.0	0.001 U	0.00 U	0.016
3/8/17	0.04	5.4	0.008	0.00 U	118.0	0.001 U	0.00	0.018
9/14/17	0.03	5.4	0.005	0.00 U	109.0	0.001 U	0.00 U	0.014
3/29/18	0.03	5.3	0.008	0.00 U	115.0	0.001 U	0.00 U	0.017
9/5/18	0.03	5.0	0.006	0.00 U	106.0	0.001 U	0.00	0.020

Gude Landfill
Monitoring Location OB11A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
MCL/ GWPS					0.2			10		1				
4/27/01	--	--	--	167.9440	0.001	--	--	--	--	--	--	--	--	--
9/4/01	--	--	--	195.5640	0.003	--	--	--	--	--	--	--	--	--
3/13/02	--	--	--	250.6500	0.003	--	--	--	--	--	--	--	--	--
9/16/02	--	--	--	86.7173	0.001 U	--	--	--	--	--	--	--	--	--
6/3/03	--	--	--	185.2330	0.005 U	--	--	--	--	--	--	--	--	0.010 U
10/9/03	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.014
3/25/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.011
9/21/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.050
4/6/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.010 U
9/21/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.013
4/4/06	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.014
9/25/06	--	--	--	--	0.002	--	--	--	--	--	--	--	--	0.015
4/17/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.012
10/3/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	--
3/26/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/24/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/22/09	270.0	0.22	30.8	310.0000	--	--	540.0	0.2000 U	--	--	--	--	--	--
7/26/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/15/10	280.0	1.70	30.0	290.0000	--	--	660.0	0.2000 U	0.20 U	0.05 U	--	--	--	--

Gude Landfill
Monitoring Location OB11A - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
4/20/11	292.0	2.11	33.7	211.0000	--	--	524.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/6/11	285.0	1.59	21.6	297.0000	--	--	598.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/12/12	279.0	1.11	30.4	300.0000	--	--	500.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/13/12	288.0	1.25	17.8	312.0000	--	--	508.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/26/13	298.0	1.79	26.5	282.0000	--	0.03	466.0	0.2000 U	0.20 U	0.05 U	350.0	6.00	--	--
9/12/13	302.0	1.18	23.1	327.0000	--	0.03	516.0	0.2000 U	0.20 U	0.05 U	292.0	5.61	--	--
3/11/14	295.0	1.99	20.6	266.0000	--	0.03	456.0	0.2000 U	--	--	306.0	5.71	--	--
9/10/14	49.0	1.00	29.4	329.0000	--	1.53	544.0	0.2000 U	0.20 U	0.05 U	295.0	5.94	--	--
3/19/15	285.0	0.36	31.3	325.0000	--	0.00	300.0	0.2000 U	0.20 U	0.05 U	321.0	6.42	--	--
9/1/15	333.0	0.42	35.1	425.0000	--	2.65	660.0	0.2000 U	0.20 U	0.05 U	234.0	5.83	--	--
3/21/16	316.0	0.31	31.8	401.0000	--	0.00	600.0	0.2000 U	0.20 U	0.11	296.0	5.97	--	--
8/30/16	351.0	0.37	34.4	387.0000	--	--	584.0	0.2000 U	0.20 U	0.05 U	267.0	5.66	--	--
3/8/17	107.0	0.30	26.0	428.0000	--	--	588.0	0.2000 U	0.20 U	0.05 U	302.0	5.94	--	--
9/14/17	330.0	0.57	28.9	358.0000	--	--	600.0	0.2000 U	0.20 U	0.05 U	291.0	5.97	--	--
3/29/18	327.0	0.27	37.4	396.0000	--	--	700.0	0.2000 U	0.20 U	0.05 U	133.0	6.01	--	--
9/5/18	325.0	0.43	32.4	399.0000	--	--	640.0	0.2000 U	0.20 U	0.05 U	119.0	5.93	--	--
4/10/19	353.0	0.58	34.0	404.0000	--	0.11	602.0 B	0.4000	--	--	83.2	5.86	5.53	--
7/29/19	356.0	0.46	27.8	426.0000	--	0.23	603.0 B	0.7000	--	--	200.0	5.81	5.26	--
3/11/20	345.0	0.47	32.6	394.0000	--	0.44	687.0	0.2000 U	--	--	122.4	5.87	5.99	--
7/30/20	349.0	0.54	52.7	424.0000	--	0.54	663.0	1.2100	--	--	129.3	5.50	6.00	--
3/31/21	378.0	0.58	31.5	434.0000	--	0.07	632.0	0.0000	--	--	87.1	5.84	5.96	--
9/3/21	397.0	0.54	51.3	452.0000	--	0.71	694.0	0.0110 U	--	--	84.0	5.98	5.97	--

Gude Landfill
Monitoring Location OB11A - General Parameters

Printed 5/25/22

Date	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
3/30/22	388.0	0.46	31.7	442.0000	--	0.84	761.0	0.0110 U	--	--	76.1	5.79	5.98	--

Gude Landfill
Monitoring Location OB11A - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS										
4/27/01	--	--	--	--	--	--	--	--	10.100	--
9/4/01	--	--	--	--	--	--	--	--	11.100	--
3/13/02	--	--	--	--	--	--	--	--	97.700	--
9/16/02	--	--	--	--	--	--	--	--	1.700	--
6/3/03	--	--	--	--	--	--	--	--	24.100	--
10/9/03	--	--	--	--	--	--	0 U	--	--	--
3/25/04	--	--	--	--	--	--	0 U	--	--	--
9/21/04	--	--	--	--	--	--	0 U	--	--	--
4/6/05	--	--	--	--	--	--	0 U	--	--	--
9/21/05	--	--	--	--	--	--	0	--	--	--
4/4/06	--	--	--	--	--	--	0	--	--	--
9/25/06	--	--	--	--	--	--	0	--	--	--
4/17/07	--	--	--	--	--	--	0 U	--	--	--
10/3/07	--	--	--	--	--	--	0 U	--	--	--
3/26/08	--	--	--	--	--	--	0 U	--	--	--
9/24/08	--	--	--	--	--	--	0 U	--	--	--
9/22/09	--	--	12.60	--	--	1192.0	--	--	1.970	--
7/26/10	--	--	--	3.0 U	--	--	--	--	--	--
9/15/10	--	--	18.40	--	--	1068.0	--	--	3.310	--

Gude Landfill

Monitoring Location OB11A - General Parameters

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
4/20/11	--	--	17.00 J	--	--	908.0	--	--	0.830	--
9/6/11	--	--	15.00	--	--	304.0	--	--	--	--
3/12/12	--	--	15.80	--	--	1048.0	--	--	--	--
9/13/12	--	--	15.70	--	--	904.0	--	--	--	--
3/26/13	1.6	--	16.60	--	15.4	830.0	--	--	--	0.00
9/12/13	1481.0	--	15.70	--	16.9	936.0	--	--	--	0.00
3/11/14	1274.0	--	20.00	--	15.7	1016.0	--	--	--	4.13
9/10/14	1510.0	--	15.40	--	16.6	854.0	--	--	--	0.00
3/19/15	1276.0	--	12.50	--	15.5	908.0	--	--	--	0.00
9/1/15	1873.0	--	8.49	--	25.4	969.0	--	--	--	0.00
3/21/16	1580.0	--	12.20	--	15.3	884.0	--	--	--	1.70
8/30/16	1686.0	--	12.20	--	16.8	989.0	--	--	--	0.00
3/8/17	1736.0	--	11.10	--	15.2	978.0	--	--	--	0.00
9/14/17	151598.0	--	12.00	--	16.8	909.0	--	--	--	0.60
3/29/18	1634.0	--	12.90	--	16.6	940.0	--	--	--	3.30
9/5/18	394.5	--	11.60	--	19.9	991.0	--	--	--	2.50
4/10/19	2200.0	1840.0	9.80	--	15.6	1170.0	--	2.6 U	1.830	1.70
7/29/19	1750.0	1870.0	10.70	--	17.4	1150.0	--	7.3	2.340	0.00
3/11/20	1738.0	1850.0	10.70	--	15.1	1040.0	--	3.1	1.720	0.10
7/30/20	1773.0	1980.0	9.71	--	18.6	1050.0	--	3.4	0.687	0.50
3/31/21	1814.0	1990.0	9.70	--	16.6	895.0	--	33.0	18.500	6.71
9/3/21	1922.0	2050.0	28.00	--	18.1	1200.0	--	7.3	1.660	1.90

Gude Landfill
Monitoring Location OB11A - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
3/30/22	1941.0	2077.0	7.90	--	16.2	1110.0	--	48.4	17.100	123.40

Gude Landfill
Monitoring Location OB11A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
4/27/01	0.0007 U	0.0020 U	0.1587	0.0005 U	--	0.0049	--	0.0003 U	0.0764	0.0100 U	--	0.00130 U
9/4/01	0.0020 U	0.0033	0.1826	0.0017 U	--	0.0054	--	0.0012 U	0.0650	0.0101	--	0.00670
3/13/02	0.0005 U	0.0032	0.1753	0.0017 U	--	0.0058	--	0.0012 U	0.0341	0.0071	--	0.00370
9/16/02	0.0007 U	0.0020 U	0.0092	0.0004 U	--	0.0020 U	--	0.0026	0.0025	0.0061	--	0.00240
6/3/03	0.0014 U	0.0040 U	0.2364	0.0008 U	--	0.0048	--	0.0010 U	0.0590	0.0246	--	0.00200 U
10/9/03	0.0045 U	0.0040 U	0.1753	0.0080 U	--	0.0100 U	--	0.0025 U	0.0524	0.0500 U	--	0.00200 U
3/25/04	0.0009 U	0.0020 U	0.0733	0.0016 U	--	0.0061	--	0.0020 U	0.0020 U	0.0100 U	--	0.00200 U
9/21/04	0.0028 U	0.0087	0.2284	0.0012 U	--	0.0100	--	0.0025	0.0614	0.0245	--	0.01790
4/6/05	0.0028 U	0.0020 U	0.0603	0.0012 U	--	0.0076	--	0.0020 U	0.0022	0.0160	--	0.00260
9/21/05	0.0028 U	0.0027	0.1653	0.0012 U	--	0.0051	--	0.0007 U	0.0437	0.0232	--	0.00300
4/4/06	0.0006 U	0.0020 U	0.1678	0.0007 U	--	0.0050	--	0.0020 U	0.0411	0.0149	--	0.00310
9/25/06	0.0007 U	0.0020 U	0.1785	0.0009 U	--	0.0020	--	0.0007 U	0.0360	0.0076	--	0.00070 U
4/17/07	0.0007 U	0.0020 U	0.1767	0.0009 U	0.363	--	--	0.0007 U	0.0664	0.0092	--	0.00070 U
10/3/07	0.0020 U	0.0072	0.1365	0.0009 U	0.612	--	--	0.0024	0.0239	0.0108	--	0.00790
3/26/08	0.0005 U	0.0031	0.1441	0.0010 U	0.265	--	--	0.0020 U	0.0361	0.0088	--	0.00200 U
9/24/08	0.0010 U	0.0040 U	0.1335	0.0020 U	0.775	--	--	0.0016 U	0.0332	0.0109	--	0.00200 U
3/9/09	0.0010 U	0.0100 U	0.1616	0.0012 U	0.441	--	--	0.0102	0.0204	0.0119	--	0.01000 U
9/22/09	0.0020 U	0.0020 U	0.1510	0.0020 U	--	0.0025	99.00	0.0020 U	0.0360	0.0103	1.6100	0.00200 U
7/26/10	0.0010 U	0.0013	0.1500	0.0010 U	--	0.0032	--	0.0030	0.0340	0.0030	--	0.00100 U
9/15/10	0.0050 U	0.0050 U	0.1820	0.0050 U	--	0.0050 U	89.80	0.0050 U	0.0337	0.0102	1.3300	0.00500 U
4/20/11	0.0050 U	0.0050 U	0.9570	0.0102	--	0.0059	84.70	0.0321	0.1440	0.1700	48.4000 J	0.07230
9/6/11	0.0050 U	0.0050 U	0.1660	0.0050 U	--	0.0050 U	93.50	0.0050 U	0.0250	0.0057	1.0100	0.00500 U
3/12/12	0.0050 U	0.0050 U	0.1830	0.0050 U	--	0.0050 U	93.40	0.0050 U	0.0250	0.0057	1.0500	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB11A - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
9/13/12	0.0050 U	0.0050 U	0.1650	0.0050 U	--	0.0050 U	91.40	0.0050 U	0.0271	0.0065	1.0700	0.00500 U
3/26/13	0.0050 U	0.0050 U	0.1910	0.0050 U	--	0.0050 U	85.30	0.0050 U	0.0240	0.0143	1.0800	0.00500 U
9/12/13	0.0050 U	0.0050 U	0.1650	0.0050 U	--	0.0050 U	99.60	0.0050 U	0.0256	0.0065	1.1900	0.00500 U
3/11/14	0.0050 U	0.0050 U	0.2060	0.0050 U	--	0.0050 U	79.60	0.0050 U	0.0235	0.0058	0.9290	0.00500 U
9/10/14	0.0050 U	0.0050 U	0.1850	0.0050 U	--	0.0050 U	97.30	0.0050 U	0.0246	0.0067	1.1300	0.00500 U
3/19/15	0.0020 U	0.0022	0.1800	0.0020 U	--	0.0026 J	100.00	0.0210	0.0250	0.0048 J	0.9100	0.00200 U
9/1/15	0.0010 U	0.0035	0.1500	0.0010 U	--	0.0020	120.00	0.0050 U	0.0320	0.0050 U	0.8200	0.00100 U
3/21/16	0.0020 U	0.0022	0.1930	0.0020 U	--	0.0020	110.00	0.0044	0.0271	0.0037	1.6800	0.00200 U
8/30/16	0.0020 U	0.0020 U	0.1790	0.0020 U	--	0.0020 U	113.00	0.0020 U	0.0302	0.0038	1.5900	0.00200 U
3/8/17	0.0020 U	0.0054	0.1610	0.0020 U	--	0.0020 U	121.00	0.0080	0.0388	0.0146	2.3700	0.00200 U
9/14/17	0.0020 U	0.0020 U	0.1480	0.0020 U	--	0.0020 U	109.00	0.0051	0.0319	0.0020 U	1.7000	0.00200 U
3/29/18	0.0020 U	0.0036	0.1590	0.0020 U	--	0.0020 U	126.00	0.0104	0.0300	0.0028	1.3700	0.00200 U
9/5/18	0.0020 U	0.0028	0.1820	0.0020 U	--	0.0020 U	122.00	0.0104	0.0337	0.0046	1.3000	0.00200 U
4/10/19	0.0010 U	0.0011	0.1650	0.0010 U	--	0.0010	99.70 B	0.0013	0.0383	0.0019	1.8900	0.00100 U
7/29/19	0.0010 U	0.0012	0.1910	0.0010 U	--	0.0012	103.00 B	0.0013	0.0356	0.0080	1.9600	0.00186
3/11/20	0.0010 U	0.0010 U	0.2070	0.0010 U	--	0.0012	113.00	0.0011	0.0363	0.0053	1.6300	0.00106
7/30/20	0.0010 U	0.0011	0.1940	0.0010 U	--	0.0010 U	109.00	0.0011	0.0401	0.0027	1.7800	0.00100 U
3/31/21	0.0010 U	0.0027	0.1860	0.0010 U	--	0.0017	107.00	0.0026	0.0395	0.0090	8.1100	0.00634
9/3/21	0.0010 U	0.0014	0.1990	0.0010 U	--	0.0013	118.00	0.0012	0.0421	0.0049	2.6400	0.00166
3/30/22	0.0010 U	0.0017	0.1650	0.0010 U	--	0.0026	138.00	0.0013	0.0432	0.0095	4.1000	0.00460

Gude Landfill
Monitoring Location OB11A - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002		
4/27/01	--	5.42000	0.000200 U	0.0293	--	0.00180 U	0.0052 U	--	0.0009 U	0.2000 U	0.00060 U
9/4/01	--	6.99000	0.000100 U	0.0343	--	0.00200 U	0.0044 U	--	0.0010	0.2000 U	0.00070 U
3/13/02	--	6.38600	0.000200 U	0.0224	--	0.00090 U	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U
9/16/02	--	1.18200	0.000100 U	0.0055	--	0.00420	0.0096 U	--	0.0010 U	0.0008 U	0.00030 U
6/3/03	--	5.86600	0.000400	0.0307	--	0.00240 U	0.0192 U	--	0.0020 U	0.0008 U	0.00060 U
10/9/03	--	5.68800	0.000300	0.0323	--	0.00350 U	0.0110 U	--	0.0020 U	0.0003 U	0.00200 U
3/25/04	--	0.53640	0.001900	0.0138	--	0.00200 U	0.0022 U	--	0.0004 U	0.0020 U	0.00040 U
9/21/04	--	5.13700	0.001100	0.0437	--	0.00480	0.0018 U	--	0.0010 U	0.0020 U	0.00200 U
4/6/05	--	0.89880	0.001900	0.0182	--	0.00200 U	0.0018 U	--	0.0006 U	0.0050 U	0.00040 U
9/21/05	--	5.40800	0.000300	0.0343	--	0.00220	0.0018 U	--	0.0006 U	0.0050 U	0.00040 U
4/4/06	--	6.88850	0.000200 U	0.0382	--	0.00220	0.0004 U	--	0.0004 U	0.0050 U	0.00040 U
9/25/06	--	4.92200	0.000300	0.0236	--	0.00200 U	0.0005 U	--	0.0007 U	0.0050 U	0.00070 U
4/17/07	--	--	0.000500	0.0228	--	0.00290	0.0005 U	--	0.0007 U	0.0500 U	0.00070 U
10/3/07	--	--	0.001400	0.0306	--	0.00670	0.0005 U	--	0.0007 U	0.0020 U	0.00070 U
3/26/08	--	--	0.000800	0.0285	--	0.00220	0.0001 U	--	0.0010 U	0.0500 U	0.00200 U
9/24/08	--	--	0.000500	0.0269	--	0.00400 U	0.0016 U	--	0.0012 U	0.0011 U	0.00120 U
3/9/09	--	--	0.000900	0.0376	--	0.01000 U	0.0043 U	--	0.0008 U	0.0011 U	0.00080 U
9/22/09	69.200	5.23000	0.000200	0.0299	5.710	0.00480	0.0020 U	107.00	0.0020 U	--	0.00200 U
7/26/10	--	--	0.000200	0.0250	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U
9/15/10	67.000	6.38000	0.000200 U	0.0232	6.810	0.00620	0.0050 U	101.00	0.0050 U	--	0.00500 U
4/20/11	55.000	13.10000	0.000200 U	0.0701	13.700 J	0.01850	0.0050 U	38.50 J	0.0050 U	--	0.09190
9/6/11	68.600	5.83000	0.000200 U	--	6.830	0.00500 U	0.0050 U	99.80	0.0050 U	--	0.00500 U
3/12/12	69.900	6.29000	0.000200 U	0.0186	6.410	0.00500 U	0.0050 U	99.40	0.0050 U	--	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB11A - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
9/13/12	64.800	6.14000	0.000200 U	0.0226	6.840	0.00713	0.0050 U	95.10	0.0050 U	--	0.00500 U
3/26/13	65.700	6.82000	0.000200 U	0.0202	7.390	0.00500 U	0.0050 U	99.50	0.0050 U	--	0.00500 U
9/12/13	70.600	7.21000	0.000200 U	0.0239	6.780	0.00500 U	0.0050 U	102.00	0.0050 U	--	0.00500 U
3/11/14	57.400	6.80000	0.000200 U	0.0179	6.790	0.00500 U	0.0050 U	83.00	0.0050 U	--	0.00500 U
9/10/14	69.100	7.37000	0.000200 U	0.0225	5.830	0.00542	0.0050 U	99.70	0.0050 U	--	0.00500 U
3/19/15	76.000	7.80000	0.000280	0.0400	5.900	0.03500 U	0.0100 U	95.00	0.0020 U	--	0.01000 U
9/1/15	84.000	8.70000	0.000200 U	0.0260	6.400	0.00940	0.0010 U	120.00	0.0011	--	0.00500 U
3/21/16	77.600	8.92000	0.000200 U	0.0240	4.640	0.00618	0.0020 U	106.00	0.0010 U	--	0.00200 U
8/30/16	80.000	9.25000	0.000200 U	0.0264	5.370	0.00547	0.0020 U	111.00	0.0010 U	--	0.00200 U
3/8/17	83.900	10.60000	0.000200 U	0.0387	5.240	0.00839	0.0020 U	115.00	0.0010 U	--	0.00255
9/14/17	75.700	9.22000	0.000200 U	0.0275	5.360	0.00449	0.0020 U	108.00	0.0010 U	--	0.00200 U
3/29/18	85.000	10.30000	0.000200 U	0.0299	5.450	0.00775	0.0020 U	120.00	0.0010 U	--	0.00200 U
9/5/18	81.200	10.90000	0.000200 U	0.0319	5.100	0.00686	0.0020 U	108.00	0.0010 U	--	0.00281
4/10/19	85.800	13.20000	0.000244	0.0342	5.670	0.00101	0.0010 U	123.00	0.0010 U	--	0.00100 U
7/29/19	83.900	13.50000	0.000963	0.0325	5.700	0.00100 U	0.0010 U	118.00 B	0.0010 U	--	0.00100 U
3/11/20	98.300	14.70000	0.000328	0.0310	5.950	0.00100 U	0.0010 U	139.00	0.0010 U	--	0.00100 U
7/30/20	95.000	14.60000	0.000312	0.0340	5.920	0.00100 U	0.0010 U	136.00	0.0010 U	--	0.00100 U
3/31/21	88.900	14.60000	0.001330	0.0358	5.610	0.00144	0.0010 U	123.00	0.0010 U	--	0.00100 U
9/3/21	97.000	15.70000	0.000536	0.0403	6.100	0.00100 U	0.0010 U	136.00	0.0010 U	--	0.00100 U
3/30/22	101.000	16.80000	0.001720	0.0373	5.690	0.00121	0.0010 U	136.00	0.0010 U	--	0.00100 U

Gude Landfill
Monitoring Location OB11A - Total Metals

Printed 5/25/22

	Zinc, total (mg/L)
MCL/ GWPS	
4/27/01	--
9/4/01	--
3/13/02	--
9/16/02	--
6/3/03	--
10/9/03	--
3/25/04	--
9/21/04	--
4/6/05	--
9/21/05	--
4/4/06	--
9/25/06	--
4/17/07	0.01930
10/3/07	0.02290
3/26/08	0.02190
9/24/08	0.02500
3/9/09	0.03050
9/22/09	0.02490
7/26/10	0.02700
9/15/10	0.02180
4/20/11	0.26700
9/6/11	0.02100
3/12/12	0.02110

Gude Landfill
Monitoring Location OB11A - Total Metals

Printed 5/25/22

Zinc, total (mg/L)

9/13/12	0.02230
3/26/13	0.02060
9/12/13	0.01920
3/11/14	0.02220
9/10/14	0.01890
3/19/15	0.02200
9/1/15	0.01900
3/21/16	0.01690
8/30/16	0.01410
3/8/17	0.01830
9/14/17	0.01440
3/29/18	0.01630
9/5/18	0.02000
4/10/19	0.01890
7/29/19	0.02040
3/11/20	0.02190
7/30/20	0.01880
3/31/21	0.02440
9/3/21	0.01930
3/30/22	0.02000

Gude Landfill

Printed 5/25/22

Monitoring Location OB11A - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)
MCL/ GWPS	200		5		7			0.2	0.05	600	5	5		
4/27/01	0.18 U	0.15 U	0.23 U	0.22 U	20.54	1.00 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	1.22	3.07	0.19 U
9/4/01	0.18 U	1.00 U	0.23 U	5.49	43.34	1.26	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	2.69	6.21	0.19 U
3/13/02	0.18 U	1.00 U	0.23 U	5.31	60.97	1.71	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	4.55	10.71	0.19 U
9/16/02	0.18 U	0.15 U	0.23 U	0.22 U	1.43	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	1.00 U	1.19	0.19 U
6/3/03	0.18 U	0.15 U	0.23 U	0.22 U	13.69	1.00 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	1.17	2.59	0.19 U
10/9/03	0.18 U	0.15 U	0.23 U	0.22 U	23.13	1.00 U	0.22 U	0.21 U	0.14 U	0.20 U	1.76	1.96	4.87	0.19 U
3/25/04	0.18 U	0.15 U	0.23 U	0.22 U	18.91	1.00 U	0.22 U	1.00 U	1.00 U	0.20 U	10.00 U	1.00 U	2.28	0.19 U
9/21/04	0.13 U	0.24 U	0.44 U	0.25 U	26.32	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	2.16	2.59	7.10	0.33 U
4/6/05	0.13 U	0.24 U	0.44 U	0.25 U	9.72	0.37 U	0.35 U	0.40 U	1.00 U	0.28 U	10.00 U	0.27 U	2.69	0.33 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	30.41	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	3.16	6.69	0.33 U
4/4/06	0.13 U	0.24 U	0.44 U	0.25 U	27.58	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	3.15	7.89	0.33 U
9/25/06	0.13 U	0.24 U	0.44 U	0.25 U	6.36	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	2.36	5.03	0.33 U
4/17/07	0.13 U	0.24 U	0.44 U	0.25 U	14.01	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	3.93	0.33 U
10/3/07	0.13 U	0.24 U	0.44 U	0.25 U	28.55	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	5.76	8.63	0.33 U
3/26/08	0.18 U	0.18 U	0.21 U	0.23 U	28.90	0.76	0.26 U	0.14 U	0.24 U	0.16 U	2.45	5.34	7.85	0.20 U
9/24/08	0.12 U	0.17 U	0.14 U	0.17 U	24.24	0.53	0.13 U	0.17 U	0.20 U	0.08 U	2.05	4.48	7.26	0.13 U
3/9/09	0.12 U	0.17 U	0.14 U	0.17 U	23.08	0.61	0.13 U	0.17 U	0.20 U	0.08 U	--	3.60	6.44	0.13 U
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	27.80	0.89 J	1.00 U	1.00 U	1.00 U	1.00 U	2.45	1.00 U	7.20	1.00 U
7/26/10	1.00 U	1.00 U	1.00 U	1.00 U	29.00	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	2.00	4.00	7.00	1.00 U
9/15/10	2.00 U	2.00 U	2.00 U	2.00 U	16.40	1.07 J	2.00 U	2.00 U	2.00 U	2.00 U	1.10 J	1.88 J	4.06	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill

Printed 5/25/22

Monitoring Location OB11A - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)
4/20/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.80	2.80	1.00 U	3.70	--
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/12/12	1.00 U	1.00 U	1.00 U	1.00 U	15.00	1.00 U	--	1.00 U	1.00 U	1.00 U	2.10	1.00 U	4.60	--
9/13/12	1.00 U	1.00 U	1.00 U	1.00 U	15.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/26/13	1.00 U	1.00 U	1.00 U	1.00 U	15.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.87	2.48	4.08	1.00 U
9/12/13	1.00 U	1.00 U	1.00 U	1.00 U	16.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.05	3.56	3.75	1.00 U
3/11/14	1.00 U	1.00 U	1.00 U	1.00 U	13.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	2.09	3.90	1.00 U
9/10/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/19/15	1.00 U	1.00 U	1.00 U	1.00 U	15.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.19	2.50	4.48	1.00 U
9/1/15	1.00 U	1.00 U	1.00 U	1.00 U	15.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.05	2.68	4.70	1.00 U
3/21/16	1.00 U	1.00 U	1.00 U	1.00 U	16.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.70	2.66	5.10	1.00 U
8/30/16	1.00 U	1.00 U	1.00 U	1.00 U	14.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.45	2.41	4.46	1.00 U
3/8/17	1.00 U	1.00 U	1.00 U	1.00 U	15.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.59	2.60	4.94	1.00 U
9/14/17	1.00 U	1.00 U	1.00 U	1.00 U	13.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.55	2.16	4.20	1.00 U
3/29/18	1.00 U	1.00 U	1.00 U	1.00 U	14.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.54	2.57	4.67	1.00 U
9/5/18	1.00 U	1.00 U	1.00 U	1.00 U	13.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.31	2.31	4.45	1.00 U
4/10/19	1.00 U	1.00 U	1.00 U	1.00 U	5.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	2.10	1.00 U
7/29/19	1.00 U	1.00 U	1.00 U	1.00 U	13.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.80	2.60	4.80	1.00 U
3/11/20	1.00 U	1.00 U	1.00 U	1.00 U	10.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.50	1.50	3.50	1.00 U
7/30/20	1.00 U	1.00 U	1.00 U	1.00 U	12.30	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	2.80	2.20	4.60	1.00 U
3/31/21	1.00 U	1.00 U	1.00 U	1.00 U	12.10	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	2.40	2.10	4.20	1.00 U
9/3/21	1.00 U	1.00 U	1.00 U	1.00 U	9.10	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	3.00	1.60	3.60	1.00 U
3/30/22	1.00 U	1.00 U	1.00 U	1.00 U	10.30	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	2.80	1.60	3.90	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB11A - Volatile Organic Compounds

Printed 5/25/22

	1,4-Dichlorobenzene (ug/L)	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)
MCL/ GWPS	75						5		80	80			5	100
4/27/01	10.00 U	--	1.00 U	--	0.15 U	--	6.48	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	36.21
9/4/01	10.00 U	--	0.18 U	--	1.00 U	--	12.45	1.00 U	0.18 U	0.14 U	1.00 U	0.38 U	0.15 U	76.27
3/13/02	10.00 U	--	0.18 U	--	1.00 U	--	17.54	1.00 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	102.70
9/16/02	10.00 U	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U
6/3/03	10.00 U	--	0.18 U	--	0.15 U	--	4.70	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	19.98
10/9/03	6.16	1.21	0.18 U	--	0.15 U	--	7.54	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	38.78
3/25/04	10.00 U	0.11	0.18 U	--	0.15 U	--	1.00 U	0.20 U	0.18 U	0.14 U	1.00 U	1.00 U	0.15 U	4.61
9/21/04	9.88	0.29 U	1.15	--	0.39 U	--	7.71	0.34 U	0.31 U	0.27 U	0.31 U	2.50 U	0.25 U	54.04
4/6/05	10.00 U	1.00 U	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	5.74
9/21/05	10.00 U	1.75	0.19 U	--	0.39 U	--	8.53	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	51.74
4/4/06	10.00 U	0.29 U	0.19 U	--	0.39 U	--	5.66	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	51.24
9/25/06	10.00 U	0.29 U	0.19 U	--	0.39 U	--	5.76	0.34 U	0.31 U	0.27 U	1.00 U	0.75 U	0.25 U	34.47
4/17/07	10.00 U	0.29 U	0.19 U	--	0.39 U	--	4.87	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	23.03
10/3/07	10.45	2.95	0.19 U	--	0.39 U	--	9.72	1.00 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	52.49
3/26/08	11.24	--	--	--	--	--	7.37	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	42.48
9/24/08	12.30	--	--	--	--	--	7.13	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	39.60
3/9/09	--	--	--	--	--	--	6.67	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	33.51
9/22/09	15.20	0.66 J	1.00 U	1.00 U	1.00 U	1.00 U	7.51	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	36.90
7/26/10	15.00	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	7.00	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	34.00
9/15/10	9.32	2.00 U	2.00 U	2.00 U	22.80	2.00 U	3.59	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	20.60

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB11A - Volatile Organic Compounds

Printed 5/25/22

	1,4-Dichlorobenzene (ug/L)	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)
4/20/11	1.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	29.00
9/6/11	1.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	15.00	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	24.00
9/13/12	13.70	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	22.30
3/26/13	13.80	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.73	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	20.50
9/12/13	15.00	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.13	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	21.10
3/11/14	13.50	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.94	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	17.60
9/10/14	1.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U
3/19/15	15.20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.93	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	21.40
9/1/15	12.20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.47	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	20.20
3/21/16	18.00	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.59	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	25.20
8/30/16	17.00	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.31	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	23.30
3/8/17	18.10	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.33	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	24.30
9/14/17	17.50	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.81	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	21.50
3/29/18	17.30	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.01	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	22.40
9/5/18	16.50	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.82	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	20.40
4/10/19	8.30	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	9.10
7/29/19	18.20	5.00 U	5.00 U	5.00 U	5.20	5.00 U	2.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	23.60
3/11/20	18.10	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	22.70
7/30/20	20.40	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	26.10
3/31/21	17.80	5.00 U	5.00 U	5.00 U	6.80	5.00 U	1.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	25.00
9/3/21	21.10	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	29.70
3/30/22	22.80	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	31.60

Gude Landfill

Printed 5/25/22

Monitoring Location OB11A - Volatile Organic Compounds

	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)
MCL/ GWPS		80		70		80	700	10000				5	10000	100
4/27/01	1.00 U	1.00 U	0.21 U	56.95	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	17.41	0.27 U	0.21 U
9/4/01	1.53	1.00 U	0.21 U	118.77	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	36.20	0.27 U	0.21 U
3/13/02	1.25	1.20	0.21 U	99.48	0.19 U	1.00 U	0.26 U	1.00 U	0.17 U	--	0.22 U	52.22	1.00 U	0.21 U
9/16/02	1.00 U	0.23 U	0.21 U	13.44	0.19 U	0.17 U	0.26 U	0.28 U	1.00 U	--	0.22 U	0.21 U	0.27 U	0.21 U
6/3/03	1.00 U	0.23 U	0.21 U	54.65	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	0.22 U	7.18	1.00 U	0.21 U
10/9/03	1.00 U	1.00 U	0.21 U	87.72	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	11.68	0.27 U	0.21 U
3/25/04	1.00 U	1.00 U	0.21 U	37.71	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	13.59	0.27 U	0.21 U
9/21/04	1.00 U	1.00 U	0.25 U	102.11	0.29 U	0.27 U	0.23 U	2.00 U	0.28 U	--	0.25 U	15.83	1.00 U	0.25 U
4/6/05	0.31 U	0.27 U	0.25 U	23.84	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U
9/21/05	1.00 U	1.00 U	0.25 U	126.58	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	10.77	1.00 U	0.25 U
4/4/06	1.00 U	0.27 U	0.25 U	119.67	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	8.39	1.00 U	0.25 U
9/25/06	0.31 U	0.27 U	0.25 U	100.04	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	3.60	0.18 U	0.25 U
4/17/07	1.00 U	0.27 U	0.25 U	86.72	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	2.74	1.00 U	0.25 U
10/3/07	1.00 U	1.00 U	0.25 U	189.64	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	9.30	1.00 U	0.25 U
3/26/08	0.50 U	0.50 U	0.50 U	189.43	0.13 U	0.15 U	0.26 U	0.43 U	--	5.00 U	0.15 U	5.59	0.22 U	0.20 U
9/24/08	0.52	0.50 U	0.20 U	173.52	0.12 U	0.13 U	0.12 U	0.23 U	--	5.00 U	0.20 U	1.73	0.11 U	0.11 U
3/9/09	0.13 U	0.12 U	0.50 U	148.44	0.12 U	0.13 U	0.12 U	0.23 U	--	5.76	0.20 U	2.72	0.11 U	0.11 U
9/22/09	0.66 J	1.00 U	1.00 U	168.00	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	2.49	1.00 U	1.77	1.00 U	1.00 U
7/26/10	1.00 U	1.00 U	1.00 U	180.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	3.00	1.00 U	1.00 U
9/15/10	0.89 J	2.00 U	2.00 U	81.60	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00	2.00 U	5.45	2.00 U	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB11A - Volatile Organic Compounds

Printed 5/25/22

	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)
4/20/11	1.00 U	1.00 U	1.40	76.00	1.00 U	1.00 U	1.00 U	--	1.00 U	3.80	1.00 U	1.80	--	1.00 U
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U
3/12/12	1.00 U	1.00 U	1.00 U	100.00	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/13/12	1.00 U	1.00 U	1.00 U	89.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/26/13	1.00 U	1.00 U	1.00 U	78.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/13	1.00 U	1.00 U	1.00 U	96.50	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.11	1.00 U	1.00 U
3/11/14	1.00 U	1.00 U	1.00 U	68.50	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	1.00 U	1.00 U	1.00 U	1.68	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/19/15	1.00 U	1.00 U	1.00 U	75.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/15	1.00 U	1.00 U	1.00 U	74.20	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/16	1.00 U	1.00 U	1.00 U	74.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/16	1.00 U	1.00 U	1.00 U	68.10	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/17	1.00 U	1.00 U	1.00 U	73.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/14/17	1.00 U	1.00 U	1.00 U	65.50	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/18	1.00 U	1.00 U	1.00 U	68.30	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/5/18	1.00 U	1.00 U	1.00 U	60.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/10/19	1.00 U	1.00 U	1.00 U	27.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/19	1.00 U	1.00 U	1.00 U	97.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.10	1.00 U	5.60	1.00 U	1.00 U
3/11/20	1.00 U	1.00 U	1.00 U	56.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U
7/30/20	1.00 U	1.00 U	1.00 U	66.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.90	1.00 U	1.00 U	1.00 U	1.00 U
3/31/21	1.00 U	1.00 U	1.00 U	54.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.90	1.00 U	1.00 U	1.00 U	1.00 U
9/3/21	1.00 U	1.00 U	1.00 U	52.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60	1.00 U	1.00 U	1.00 U	1.00 U
3/30/22	1.00 U	1.00 U	1.00 U	55.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.70	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill Monitoring Location OB11A - Volatile Organic Compounds

	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS	5	1000	100			5			2	10000
4/27/01	31.27	0.24 U	2.55	0.13 U	1.00 U	31.80	3.62	--	--	--
9/4/01	90.32	0.24 U	4.86	0.13 U	1.00 U	73.37	6.70	--	--	--
3/13/02	115.70	1.00 U	7.04	0.13 U	1.09	101.67	9.27	--	--	--
9/16/02	1.00 U	0.24 U	1.00 U	0.13 U	0.14 U	7.41	0.18 U	--	--	--
6/3/03	20.10	0.24 U	2.01	0.13 U	0.14 U	19.82	1.93	--	--	--
10/9/03	67.55	1.00 U	4.03	0.13 U	0.14 U	41.58	2.72	--	6.93	--
3/25/04	15.44	0.24 U	1.00 U	0.13 U	1.00 U	16.84	0.18 U	--	0.96	--
9/21/04	53.93	1.00 U	3.65	0.24 U	0.30 U	51.64	4.34	--	10.51	--
4/6/05	28.72	0.32 U	0.45 U	0.24 U	0.30 U	16.94	1.95	--	1.00 U	--
9/21/05	42.58	1.00 U	4.65	0.24 U	0.30 U	50.65	2.97	--	13.30	--
4/4/06	47.07	0.32 U	3.57	0.24 U	0.30 U	52.60	2.52	--	7.95	--
9/25/06	37.10	0.32 U	3.67	0.24 U	0.30 U	34.14	1.24	--	12.01	--
4/17/07	23.91	0.32 U	2.74	0.24 U	0.30 U	24.25	1.04	--	10.23	--
10/3/07	51.32	1.00 U	8.79	0.24 U	0.30 U	53.80	3.79	--	18.34	--
3/26/08	54.18	0.28 U	9.82	0.08 U	--	50.90	2.90	--	13.71	--
9/24/08	53.26	0.50 U	10.82	0.13 U	--	45.34	2.10	--	12.75	--
3/9/09	44.75	0.50 U	5.07	0.13 U	--	39.05	2.09	--	13.43	--
9/22/09	33.80	1.00 U	5.45	1.00 U	1.00 U	42.40	2.14	--	15.40	--
7/26/10	46.00	1.00 U	5.00	1.00 U	5.00 U	41.00	1.00 U	1.00 U	15.00	--
9/15/10	10.70	2.00 U	3.18	2.00 U	2.00 U	21.60	2.53	2.00 U	31.60	--

Gude Landfill

Monitoring Location OB11A - Volatile Organic Compounds

	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
4/20/11	14.00	1.00 U	1.00 U	1.00 U	5.00 U	17.00	2.90	1.00 U	11.00	1.00 U
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	27.00	1.00 U	3.10	1.00 U	5.00 U	28.00	1.00 U	1.00 U	12.00	1.00 U
9/13/12	22.80	1.00 U	1.00 U	1.00 U	5.00 U	24.70	1.00 U	5.00 U	13.10	--
3/26/13	19.10	1.00 U	3.02	1.00 U	5.00 U	24.00	1.00 U	5.00 U	12.90	--
9/12/13	19.70	1.00 U	3.91	1.00 U	5.00 U	28.80	1.00 U	5.00 U	14.90	--
3/11/14	12.80	1.00 U	2.68	1.00 U	5.00 U	20.10	1.00 U	5.00 U	11.10	--
9/10/14	1.23	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/19/15	10.30	1.00 U	2.94	1.00 U	5.00 U	21.50	1.00 U	5.00 U	14.70	--
9/1/15	6.78	1.00 U	2.93	1.00 U	5.00 U	18.60	1.00 U	5.00 U	14.00	--
3/21/16	8.60	1.00 U	3.44	1.00 U	5.00 U	20.90	1.00 U	5.00 U	15.90	--
8/30/16	6.69	1.00 U	3.06	1.00 U	5.00 U	15.80	1.00 U	5.00 U	14.80	--
3/8/17	5.85	1.00 U	3.33	1.00 U	5.00 U	15.10	1.00 U	5.00 U	15.40	--
9/14/17	4.99	1.00 U	2.84	1.00 U	5.00 U	12.50	1.00 U	5.00 U	12.70	--
3/29/18	4.45	1.00 U	2.99	1.00 U	5.00 U	13.40	1.00 U	5.00 U	13.20	--
9/5/18	3.78	1.00 U	2.95	1.00 U	5.00 U	11.80	1.07	5.00 U	14.40	--
4/10/19	1.40	1.00 U	1.30	1.00 U	1.00 U	4.30	1.00 U	1.00 U	6.90	--
7/29/19	10.40	1.00 U	3.30	1.00 U	1.00 U	12.10	1.00 U	1.00 U	15.00	--
3/11/20	2.80	1.00 U	2.60	1.00 U	1.00 U	9.50	1.00 U	1.00 U	14.10	--
7/30/20	2.70	1.00 U	2.90	1.00 U	1.00 U	8.80	1.00 U	1.00 U	16.50	--
3/31/21	1.60	1.00 U	2.80	1.00 U	1.00 U	7.10	1.00 U	1.00 U	19.70	--
9/3/21	2.00	1.00 U	2.60	1.00 U	1.00 U	7.20	1.00 U	1.00 U	15.60	--
3/30/22	1.80	1.00 U	2.70	1.00 U	1.00 U	7.40	1.00 U	1.00 U	16.60	--

Gude Landfill
Monitoring Location OB11 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/20/11	0.005 U	0.005 U	0.030	0.005 U	0.011	123.0	0.01 U	0.01 U	0.008	0.6	0.005 U	61.1	0.827	0.0007
9/6/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/12/12	0.005 U	0.005 U	0.030	0.005 U	0.010	130.0	0.01 U	0.01 U	0.007	0.7	0.005 U	66.5	--	0.0006
9/13/12	0.005 U	0.005 U	0.032	0.005 U	0.010	140.0	0.01 U	0.01 U	0.008	0.8	0.005 U	69.1	0.797	0.0008
3/26/13	0.005 U	0.005 U	0.030	0.005 U	0.011	134.0	0.01 U	0.01 U	0.016	0.7	0.005 U	69.2	0.806	0.0009
9/12/13	0.005 U	0.005 U	0.029	0.005 U	0.010	142.0	0.01 U	0.01 U	0.008	0.6	0.005 U	69.7	0.787	0.0007
9/16/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/19/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/11/14	0.005 U	0.005 U	0.031	0.005 U	0.011	127.0	0.01 U	0.01 U	0.007	0.6	0.005 U	65.7	0.840	0.0016
9/10/14	0.005 U	0.005 U	0.032	0.005 U	0.011	141.0	0.01 U	0.01 U	0.008	0.7	0.005 U	70.8	0.855	0.0008
3/19/15	0.002 U	0.002 U	0.022	0.002 U	0.012	130.0	0.00 J	0.01 U	0.003 J	0.0 U	0.002 U	73.0	0.830	0.0010
9/1/15	0.001 U	0.003	0.024	0.001 U	0.011	140.0	0.01 U	0.01 U	0.005 U	0.0 U	0.001 U	71.0	0.890	0.0011
3/21/16	0.002 U	0.002 U	0.025	0.002 U	0.011	133.0	0.01	0.00 U	0.003	0.9	0.002 U	71.9	0.849	0.0009
8/30/16	0.002 U	0.002	0.028	0.002 U	0.011	135.0	0.00 U	0.00 U	0.004	0.8	0.002 U	75.5	0.974	0.0006
3/8/17	0.002 U	0.005	0.026	0.002 U	0.012	140.0	0.00 U	0.00	0.009	1.0	0.002 U	74.9	1.030	0.0002 U
9/14/17	0.002 U	0.002 U	0.024	0.002 U	0.012	139.0	0.01	0.00 U	0.003	0.8	0.002 U	76.3	1.080	0.0002 U
3/29/18	0.002 U	0.002	0.025	0.002 U	0.014	146.0	0.01	0.00 U	0.004	0.2 U	0.002 U	76.4	1.230	0.0003
9/5/18	0.002 U	0.002	0.024	0.002 U	0.013	148.0	0.02	0.00 U	0.004	0.1 U	0.002 U	77.5	1.300	0.0002 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill

Printed 5/25/22

Monitoring Location OB11 - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/20/11	0.03	4.8	0.006	0.01 U	63.4	0.005 U	0.01 U	0.045
9/6/11	0.03	--	--	--	--	--	--	--
3/12/12	0.03	5.2	0.005 U	0.01 U	68.3	0.005 U	0.01 U	0.043
9/13/12	0.04	5.7	0.006	0.01 U	72.0	0.005 U	0.01 U	0.043
3/26/13	0.04	5.5	0.007	0.01 U	76.0	0.005 U	0.01 U	0.045
9/12/13	0.03	4.9	0.006	0.01 U	72.6	0.005 U	0.01 U	0.043
9/16/13	0.03	--	--	--	--	--	--	--
9/19/13	0.03	--	--	--	--	--	--	--
3/11/14	0.03	5.0	0.006	0.01 U	70.9	0.005 U	0.01 U	0.043
9/10/14	0.04	4.8	0.007	0.01 U	79.7	0.005 U	0.01 U	0.041
3/19/15	0.04	5.5	0.006 J	0.01 U	85.0	0.002 U	0.01 U	0.043
9/1/15	0.04	5.6	0.010	0.00 U	80.0	0.001 U	0.01 U	0.043
3/21/16	0.03	4.6	0.007	0.00 U	79.4	0.001 U	0.00 U	0.036
8/30/16	0.03	5.0	0.007	0.00 U	84.5	0.001 U	0.00 U	0.036
3/8/17	0.04	4.6	0.008	0.00 U	87.1	0.001 U	0.00	0.041
9/14/17	0.03	4.5	0.005	0.00 U	89.4	0.001 U	0.00 U	0.037
3/29/18	0.03	4.8	0.010	0.00 U	93.0	0.001 U	0.00	0.038
9/5/18	0.03	4.4	0.007	0.00 U	89.4	0.001 U	0.00	0.043

Gude Landfill
Monitoring Location OB11 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
MCL/ GWPS					0.2			10		1				
4/27/01	--	--	--	94.6452	0.001 U	--	--	--	--	--	--	--	--	--
9/4/01	--	--	--	96.8634	0.003	--	--	--	--	--	--	--	--	--
3/13/02	--	--	--	107.3320	0.002	--	--	--	--	--	--	--	--	--
9/16/02	--	--	--	41.4197	0.001 U	--	--	--	--	--	--	--	--	--
6/3/03	--	--	--	156.2980	0.002 U	--	--	--	--	--	--	--	--	0.018
10/9/03	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.017
3/25/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.010 U
9/21/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.047
4/6/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.003 U
9/21/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.016
4/4/06	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.020
9/25/06	--	--	--	--	0.002	--	--	--	--	--	--	--	--	0.044
4/17/07	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.048
10/3/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	--
3/26/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/24/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/22/09	201.0	0.20 U	27.5	330.0000	--	--	550.0	0.2000 U	--	--	--	--	--	--
7/26/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/15/10	200.0	0.20 U	29.0	358.0000	--	--	600.0	0.2000 U	0.20 U	0.05 U	--	--	--	--

Gude Landfill
Monitoring Location OB11 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
4/20/11	211.0	0.20 U	32.5	259.0000	--	--	563.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/6/11	215.0	0.20 U	22.4	371.0000	--	--	581.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/12/12	217.0	0.20 U	32.8	407.0000	--	--	596.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/13/12	219.0	0.20 U	24.0	398.0000	--	--	592.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/26/13	221.0	0.20 U	37.8	397.0000	--	0.04	576.0	0.2000 U	0.20 U	0.05 U	385.0	5.81	--	--
9/12/13	228.0	0.20 U	22.5	392.0000	--	0.03	606.0	0.2000 U	0.20 U	0.05 U	327.0	5.41	--	--
9/16/13	--	--	--	--	--	1.30	480.0	--	--	--	-22.5	6.00	--	--
9/19/13	--	--	--	--	--	0.23	580.0	--	--	--	210.9	5.55	--	--
3/11/14	223.0	0.20 U	31.6	398.0000	--	0.02	612.0	0.2000 U	--	--	348.0	5.47	--	--
9/10/14	283.0	0.20 U	37.5	417.0000	--	1.80	606.0	0.2000 U	0.20 U	0.05 U	328.0	5.77	--	--
3/19/15	202.0	0.20 U	29.3	394.0000	--	1.00	650.0	0.2000 U	0.20 U	0.05 U	347.0	6.16	--	--
9/1/15	218.0	0.20 U	25.3	426.0000	--	--	650.0	0.2000 U	0.20 U	0.05 U	323.0	5.67	--	--
3/21/16	214.0	0.20 U	30.4	438.0000	--	0.00	650.0	0.2000 U	0.20 U	0.05 U	391.0	5.73	--	--
8/30/16	228.0	0.20 U	30.3	424.0000	--	--	72.0	0.2000 U	0.20 U	0.05 U	295.0	5.46	--	--
3/8/17	240.0	0.20 U	25.3	436.0000	--	--	700.0	0.2000 U	0.20 U	0.05 U	355.0	5.68	--	--
9/14/17	241.0	0.20 U	28.0	445.0000	--	0.10	640.0	0.2000 U	0.20 U	0.05 U	381.0	5.73	--	--
3/29/18	249.0	0.20 U	41.8	432.0000	--	--	720.0	0.2000 U	0.20 U	0.05 U	201.0	5.55	--	--
9/5/18	247.0	0.20 U	32.2	467.0000	--	--	692.0	0.2000 U	0.20 U	0.05 U	195.0	5.71	--	--
4/10/19	255.0	0.10 U	34.0	458.0000	--	0.10	751.0 B	0.5000	--	--	159.4	5.63	5.50	--
7/29/19	252.0	0.10 U	38.4	453.0000	--	0.22	615.0 B	0.7000	--	--	200.0	5.61	5.14	--
3/11/20	256.0	0.10 U	36.4	438.0000	--	0.62	780.0	0.2000 U	--	--	71.2	5.79	5.86	--
7/30/20	250.0	0.10 U	42.4	429.0000	--	0.53	668.0	1.0300	--	--	179.4	5.73	5.81	--

Gude Landfill
Monitoring Location OB11 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
3/31/21	287.0	0.10 U	31.4	468.0000	--	0.07	660.0	0.0000	--	--	161.3	5.65	5.79	--
9/3/21	277.0	0.05 U	39.4	433.0000	--	0.59	622.0	0.0450	--	--	160.2	6.18	6.15	--
3/30/22	308.0	0.07	30.4	462.0000	--	1.08	771.0	0.0110 U	--	--	127.3	5.65	5.85	--

Gude Landfill
Monitoring Location OB11 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS										
4/27/01	--	--	--	--	--	--	--	--	0.100	--
9/4/01	--	--	--	--	--	--	--	--	1.500	--
3/13/02	--	--	--	--	--	--	--	--	3.660	--
9/16/02	--	--	--	--	--	--	--	--	2.500	--
6/3/03	--	--	--	--	--	--	0	--	1.600	--
10/9/03	--	--	--	--	--	--	0 U	--	--	--
3/25/04	--	--	--	--	--	--	0 U	--	--	--
9/21/04	--	--	--	--	--	--	0 U	--	--	--
4/6/05	--	--	--	--	--	--	0 U	--	--	--
9/21/05	--	--	--	--	--	--	0	--	--	--
4/4/06	--	--	--	--	--	--	0	--	--	--
9/25/06	--	--	--	--	--	--	0	--	--	--
4/17/07	--	--	--	--	--	--	0 U	--	--	--
10/3/07	--	--	--	--	--	--	0 U	--	--	--
3/26/08	--	--	--	--	--	--	0 U	--	--	--
9/24/08	--	--	--	--	--	--	0 U	--	--	--
9/22/09	--	--	8.96	--	--	1208.0	--	--	1.160	--
7/26/10	--	--	--	3.0 U	--	--	--	--	--	--
9/15/10	--	--	9.53	--	--	1416.0	--	--	5.750	--

Gude Landfill
Monitoring Location OB11 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
4/20/11	--	--	9.48	--	--	1116.0	--	--	0.733	--
9/6/11	--	--	10.20	--	--	1036.0	--	--	--	--
3/12/12	--	--	11.20	--	--	1404.0	--	--	--	--
9/13/12	--	--	10.30	--	--	1212.0	--	--	--	--
3/26/13	1.8	--	10.50	--	16.2	1018.0	--	--	--	0.00
9/12/13	1539.0	--	12.20	--	17.2	1122.0	--	--	--	0.00
9/16/13	1.0	--	--	--	17.0	--	--	--	2.800	3.42
9/19/13	1.5	--	--	--	14.4	--	--	--	0.410	7.50
3/11/14	1526.0	--	11.90	--	16.5	1060.0	--	--	--	1.51
9/10/14	1627.0	--	11.70	--	17.0	1074.0	--	--	--	0.30
3/19/15	1352.0	--	10.70	--	15.5	920.0	--	--	--	0.00
9/1/15	1611.0	--	9.58	--	17.9	983.0	--	--	--	1.91
3/21/16	1538.0	--	11.40	--	14.1	960.0	--	--	--	7.20
8/30/16	1637.0	--	12.90	--	17.0	982.0	--	--	--	0.00
3/8/17	1599.0	--	12.70	--	16.1	799.0	--	--	--	0.00
9/14/17	1835.0	--	11.20	--	18.2	1160.0	--	--	--	6.30
3/29/18	1676.0	--	12.80	--	16.8	999.0	--	--	--	0.00
9/5/18	1752.0	--	12.10	--	20.5	1020.0	--	--	--	1.80
4/10/19	2199.0	1830.0	12.60	--	15.8	1440.0	--	2.6 U	0.500 U	1.80
7/29/19	1680.0	1820.0	22.20	--	17.4	1390.0	--	4.0 U	0.500 U	0.00
3/11/20	1689.0	1840.0	12.40	--	14.8	1090.0	--	4.0	1.200	0.50
7/30/20	1614.0	1900.0	11.70	--	18.2	1020.0	--	5.0 J	0.500 U	0.50

Gude Landfill
Monitoring Location OB11 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
3/31/21	1784.0	1980.0	12.20	--	16.5	1070.0	--	13.7	3.630	4.95
9/3/21	1691.0	1840.0	12.40	--	17.3	1500.0	--	2.6 U	0.751	0.70
3/30/22	1804.0	2030.0	10.30	--	14.1	1100.0	--	17.7	4.140	9.01

Gude Landfill
Monitoring Location OB11 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
4/27/01	0.0007 U	0.0020 U	0.0154	0.0005 U	--	0.0049	--	0.0020 U	0.0007 U	0.0151	--	0.00130 U
9/4/01	0.0020 U	0.0020 U	0.0199	0.0017 U	--	0.0059	--	0.0020 U	0.0020 U	0.0061	--	0.00200 U
3/13/02	0.0005 U	0.0020 U	0.0209	0.0017 U	--	0.0074	--	0.0020 U	0.0004 U	0.0090	--	0.00220
9/16/02	0.0007 U	0.0020 U	0.0435	0.0004 U	--	0.0020 U	--	0.0020	0.0027	0.0122	--	0.00200 U
6/3/03	0.0007 U	0.0020 U	0.0266	0.0004 U	--	0.0054	--	0.0020 U	0.0020 U	0.0213	--	0.00200 U
10/9/03	0.0009 U	0.0020 U	0.0334	0.0016 U	--	0.0051	--	0.0020 U	0.0025	0.0100 U	--	0.00200 U
3/25/04	0.0009 U	0.0020 U	0.2086	0.0016 U	--	0.0034	--	0.0020 U	0.0613	0.0100 U	--	0.00200 U
9/21/04	0.0028 U	0.0020 U	0.0803	0.0012 U	--	0.0081	--	0.0023	0.0027	0.0135	--	0.00740
4/6/05	0.0028 U	0.0055	0.1537	0.0012 U	--	0.0036	--	0.0007 U	0.0452	0.0164	--	0.00280
9/21/05	0.0028 U	0.0020 U	0.0559	0.0012 U	--	0.0023	--	0.0020 U	0.0020 U	0.0112	--	0.00260
4/4/06	0.0006 U	0.0020 U	0.0535	0.0007 U	--	0.0056	--	0.0020 U	0.0020 U	0.0090	--	0.00230
9/25/06	0.0007 U	0.0020 U	0.0229	0.0009 U	--	0.0099	--	0.0027	0.0020 U	0.0091	--	0.00200 U
4/17/07	0.0007 U	0.0021	0.0258	0.0009 U	0.322	--	--	0.0020 U	0.0020 U	0.0083	--	0.00200 U
10/3/07	0.0007 U	0.0020 U	0.0320	0.0009 U	0.236	--	--	0.0037	0.0036	0.0069	--	0.00070 U
3/26/08	0.0005 U	0.0024	0.0267	0.0010 U	0.400 U	--	--	0.0020 U	0.0020 U	0.0063	--	0.00200 U
9/24/08	0.0010 U	0.0040 U	0.0331	0.0020 U	0.400 U	--	--	0.0016 U	0.0024 U	0.0062	--	0.00200 U
3/9/09	0.0010 U	0.0100 U	0.0286	0.0012 U	0.348	--	--	0.0100 U	0.0100 U	0.0100 U	--	0.00070 U
9/22/09	0.0020 U	0.0020 U	0.0272	0.0020 U	--	0.0088	126.00	0.0020 U	0.0019 J	0.0083	0.4540	0.00200 U
7/26/10	0.0010 U	0.0013	0.0220	0.0010 U	--	0.0100	--	0.0019	0.0018	0.0045	--	0.00100 U
9/15/10	0.0050 U	0.0050 U	0.0261	0.0050 U	--	0.0090	133.00	0.0050 U	0.0050 U	0.0112	1.2200	0.00500 U
4/20/11	0.0050 U	0.0050 U	0.0301	0.0050 U	--	0.0100	134.00 J	0.0050 U	0.0050 U	0.0078	1.2700	0.00500 U
9/6/11	0.0050 U	0.0050 U	0.0292	0.0050 U	--	0.0101	132.30	0.0050 U	0.0050 U	0.0064	0.7380	0.00500 U
3/12/12	0.0050 U	0.0050 U	0.0295	0.0050 U	--	0.0104	132.00	0.0050 U	0.0050 U	0.0089	0.7260	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB11 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
9/13/12	0.0050 U	0.0050 U	0.0282	0.0050 U	--	0.0104	133.00	0.0050 U	0.0050 U	0.0081	0.6560	0.00500 U
3/26/13	0.0050 U	0.0050 U	0.0299	0.0050 U	--	0.0110	132.00	0.0050 U	0.0050 U	0.0153	0.6740	0.00500 U
9/12/13	0.0050 U	0.0050 U	0.0289	0.0050 U	--	0.0103	135.00	0.0050 U	0.0050 U	0.0083	0.6380	0.00500 U
9/16/13	0.0050 U	0.0011	0.0500	0.0010 U	--	0.0028	100.00	0.0011	0.0026	0.0027	10.0000 U	0.00053 J
9/19/13	0.0050 U	0.0006 J	0.0220	0.0010 U	--	0.0098	120.00	0.0010 U	0.0015	0.0029	0.1000 U	0.00100 U
3/11/14	0.0050 U	0.0050 U	0.0329	0.0050 U	--	0.0109	117.00	0.0050 U	0.0050 U	0.0073	0.6410	0.00500 U
9/10/14	0.0050 U	0.0050 U	0.0323	0.0050 U	--	0.0110	138.00	0.0050 U	0.0050 U	0.0074	0.7410	0.00500 U
3/19/15	0.0020 U	0.0020	0.0230	0.0020 U	--	0.0120	130.00	0.0051 J	0.0100 U	0.0036 J	0.0050 U	0.00200 U
9/1/15	0.0010 U	0.0021	0.0240	0.0010 U	--	0.0110	140.00	0.0056	0.0050 U	0.0050 U	0.0050 U	0.00100 U
3/21/16	0.0020 U	0.0020 U	0.0254	0.0020 U	--	0.0112	132.00	0.0048	0.0020 U	0.0031	0.9920	0.00200 U
8/30/16	0.0020 U	0.0020 U	0.0257	0.0020 U	--	0.0107	130.00	0.0020 U	0.0020 U	0.0040	0.9690	0.00200 U
3/8/17	0.0020 U	0.0062	0.0266	0.0020 U	--	0.0128	138.00	0.0084	0.0021	0.0063	0.9110	0.00200 U
9/14/17	0.0050 U	0.0050 U	0.0310	0.0050 U	--	0.0137	145.00	0.0050 U	0.0050 U	0.0071	0.8980	0.00500 U
3/29/18	0.0020 U	0.0025	0.0247	0.0020 U	--	0.0136	146.00	0.0099	0.0020 U	0.0041	0.2000 U	0.00200 U
9/5/18	0.0020 U	0.0025	0.0255	0.0020 U	--	0.0125	148.00	0.0112	0.0020 U	0.0043	0.0500 U	0.00200 U
4/10/19	0.0010 U	0.0010 U	0.0267	0.0010 U	--	0.0141	145.00 B	0.0015	0.0018	0.0052	0.1000 U	0.00100 U
7/29/19	0.0010 U	0.0010 U	0.0281	0.0010 U	--	0.0118	120.00 B	0.0020	0.0020	0.0097	0.1120	0.00100 U
3/11/20	0.0010 U	0.0010 U	0.0297	0.0010 U	--	0.0126	145.00	0.0019	0.0019	0.0106	0.1030	0.00100 U
7/30/20	0.0010 U	0.0010 U	0.0303	0.0010 U	--	0.0117	124.00	0.0015	0.0019	0.0044	0.0526 J	0.00100 U
3/31/21	0.0010 U	0.0010 U	0.0262	0.0010 U	--	0.0127	124.00	0.0012	0.0023	0.0063	0.3180	0.00100 U
9/3/21	0.0011	0.0010 U	0.0491	0.0010 U	--	0.0202	119.00	0.0010 U	0.0022	0.0241	0.0500 J	0.00100 U
3/30/22	0.0010 U	0.0010 U	0.0251	0.0010 U	--	0.0123	155.00	0.0041	0.0021	0.0045	0.3760	0.00100 U

Gude Landfill
Monitoring Location OB11 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002		
4/27/01	--	0.20910	0.000300	0.0086	--	0.00180 U	0.0052 U	--	0.0009 U	0.2000 U	0.00060 U
9/4/01	--	0.38840	0.000200 U	0.0105	--	0.00200 U	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U
3/13/02	--	0.31650	0.000200	0.0114	--	0.00200 U	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U
9/16/02	--	2.25400	0.000100 U	0.0065	--	0.00280	0.0096 U	--	0.0010 U	0.0020 U	0.00030 U
6/3/03	--	0.26740	0.000200	0.0129	--	0.00120 U	0.0096 U	--	0.0010 U	0.0008 U	0.00200 U
10/9/03	--	0.56590	0.000200	0.0137	--	0.00200 U	0.0022 U	--	0.0004 U	0.0003 U	0.00200 U
3/25/04	--	0.02000 U	0.000200 U	0.0354	--	0.00200 U	0.0022 U	--	0.0010 U	0.0003 U	0.00040 U
9/21/04	--	0.70360	0.000500	0.0167	--	0.00200 U	0.0018 U	--	0.0006 U	0.0020 U	0.00200 U
4/6/05	--	5.36500	0.000400	0.0382	--	0.00340	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U
9/21/05	--	0.63130	0.000800	0.0176	--	0.00200 U	0.0018 U	--	0.0006 U	0.0050 U	0.00040 U
4/4/06	--	0.59760	0.001900	0.0178	--	0.00200	0.0004 U	--	0.0004 U	0.0050 U	0.00040 U
9/25/06	--	0.88410	0.003000	0.0292	--	0.00200 U	0.0005 U	--	0.0007 U	0.0050 U	0.00070 U
4/17/07	--	--	0.003100	0.0279	--	0.00360	0.0005 U	--	0.0007 U	0.0500 U	0.00070 U
10/3/07	--	--	0.000700	0.0276	--	0.00430	0.0005 U	--	0.0007 U	0.0020 U	0.00070 U
3/26/08	--	--	0.002200	0.0249	--	0.00290	0.0001 U	--	0.0001 U	0.0500 U	0.00200 U
9/24/08	--	--	0.000500	0.0207	--	0.00400 U	0.0016 U	--	0.0012 U	0.0011 U	0.00120 U
3/9/09	--	--	0.001900	0.0275	--	0.01000 U	0.0043 U	--	0.0008 U	0.0011 U	0.00080 U
9/22/09	60.100	0.86200	0.002200	0.0361	4.560	0.00490	0.0020 U	56.70	0.0020 U	--	0.00200 U
7/26/10	--	--	0.003500	0.0370	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U
9/15/10	67.900	0.88400	0.002540	0.0375	4.900	0.00780	0.0050 U	68.80	0.0050 U	--	0.00500 U
4/20/11	66.600	0.86900	0.001650	0.0331	4.820	0.00610	0.0050 U	67.90	0.0050 U	--	0.00500 U
9/6/11	66.600	0.76800	0.001020	--	4.700	0.00568	0.0050 U	68.50	0.0050 U	--	0.00500 U
3/12/12	67.400	0.75800	0.000980	0.0326	5.130	0.00500 U	0.0050 U	68.00	0.0050 U	--	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB11 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
9/13/12	64.400	0.85800	0.001180	0.0365	5.190	0.01100	0.0050 U	68.00	0.0050 U	--	0.00500 U
3/26/13	68.900	0.79300	0.001360	0.0361	5.450	0.00674	0.0050 U	75.80	0.0050 U	--	0.00500 U
9/12/13	67.000	0.76000	0.001061	0.0349	5.170	0.00545	0.0050 U	71.30	0.0050 U	--	0.00500 U
9/16/13	56.000	0.77000	0.002600	--	11.000	0.00100 U	0.0010 U	59.00	0.0010 U	--	0.00500 U
9/19/13	68.000	0.78000	0.002100	--	4.300	0.00100 U	0.0010 U	71.00	0.0010 U	--	0.00500 U
3/11/14	57.600	0.84500	0.002620	0.0320	4.980	0.00500 U	0.0050 U	62.00	0.0050 U	--	0.00500 U
9/10/14	70.200	0.85800	0.001412	0.0356	4.710	0.00680	0.0050 U	77.70	0.0050 U	--	0.00500 U
3/19/15	76.000	0.86000	0.002800	0.0400	5.300	0.00540 J	0.0100 U	77.00	0.0020 U	--	0.01000 U
9/1/15	73.000	0.89000	0.001900	0.0340	5.600	0.00820	0.0010 U	82.00	0.0010 U	--	0.00500 U
3/21/16	72.200	0.82900	0.001100	0.0308	4.650	0.00685	0.0020 U	78.20	0.0010 U	--	0.00200 U
8/30/16	71.800	0.94800	0.000806	0.0316	4.790	0.00593	0.0020 U	81.10	0.0010 U	--	0.00200 U
3/8/17	73.900	1.02000	0.000792	0.0406	4.580	0.00928	0.0020 U	85.70	0.0010 U	--	0.00358
9/14/17	80.600	1.13000	0.001303	0.0314	4.700	0.00500 U	0.0050 U	94.40	0.0050 U	--	0.00500 U
3/29/18	75.800	1.26000	0.000898	0.0329	4.580	0.01070	0.0020 U	91.40	0.0010 U	--	0.00200 U
9/5/18	78.000	1.27000	0.000942	0.0353	4.560	0.00684	0.0020 U	89.00	0.0010 U	--	0.00284
4/10/19	94.200	1.53000	0.004000	0.0352	5.170	0.00100 U	0.0010 U	115.00	0.0010 U	--	0.00100 U
7/29/19	76.600	1.35000	0.002730	0.0337	5.390	0.00100 U	0.0010 U	90.40 B	0.0010 U	--	0.00100 U
3/11/20	102.000	1.63000	0.003930	0.0346	5.610	0.00100 U	0.0010 U	99.70	0.0010 U	--	0.00100 U
7/30/20	87.200	1.39000	0.003530	0.0338	5.620	0.00100 U	0.0010 U	105.00	0.0010 U	--	0.00100 U
3/31/21	85.000	1.62000	0.004220	0.0321	4.870	0.00100 U	0.0012	99.40	0.0010 U	--	0.00100 U
9/3/21	78.900	1.36000	0.002140	0.0306	11.300	0.00100 U	0.0010 U	97.50	0.0010 U	--	0.00100 U
3/30/22	93.200	1.93000	0.004560	0.0333	4.980	0.00100 U	0.0010 U	117.00	0.0010 U	--	0.00100 U

Gude Landfill
Monitoring Location OB11 - Total Metals

Printed 5/25/22

	Zinc, total (mg/L)
MCL/ GWPS	
4/27/01	--
9/4/01	--
3/13/02	--
9/16/02	--
6/3/03	--
10/9/03	--
3/25/04	--
9/21/04	--
4/6/05	--
9/21/05	--
4/4/06	--
9/25/06	--
4/17/07	0.03890
10/3/07	0.04000
3/26/08	0.04270
9/24/08	0.03800
3/9/09	0.05080
9/22/09	0.04320
7/26/10	0.05100
9/15/10	0.04260
4/20/11	0.04300
9/6/11	0.04200
3/12/12	0.04530

Gude Landfill
Monitoring Location OB11 - Total Metals

Printed 5/25/22

	Zinc, total (mg/L)
9/13/12	0.04620
3/26/13	0.04420
9/12/13	0.04130
9/16/13	4.30000
9/19/13	0.04200
3/11/14	0.04410
9/10/14	0.04180
3/19/15	0.04400
9/1/15	0.04200
3/21/16	0.03620
8/30/16	0.03240
3/8/17	0.04140
9/14/17	0.05260
3/29/18	0.03810
9/5/18	0.04400
4/10/19	0.04690
7/29/19	0.04150
3/11/20	0.04500
7/30/20	0.04370
3/31/21	0.04310
9/3/21	0.08280
3/30/22	0.03800

Gude Landfill

Printed 5/25/22

Monitoring Location OB11 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5	
4/27/01	0.18 U	0.15 U	0.23 U	0.22 U	9.03	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	1.00 U	1.25	0.19 U
9/4/01	0.18 U	0.15 U	0.23 U	0.22 U	19.25	1.00 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	1.00 U	2.44	0.19 U
3/13/02	0.18 U	0.15 U	0.23 U	1.50	15.45	1.00 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	1.00 U	2.38	0.19 U
9/16/02	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U
6/3/03	0.18 U	0.15 U	0.23 U	1.48	13.80	1.00 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	1.00 U	2.14	0.19 U
10/9/03	0.18 U	0.15 U	0.23 U	0.22 U	19.59	1.00 U	0.22 U	0.21 U	0.14 U	0.20 U	0.19 U	1.11	3.37	0.19 U
3/25/04	0.18 U	0.15 U	0.23 U	0.22 U	36.31	1.01	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	2.56	5.13	0.19 U
9/21/04	0.13 U	0.24 U	0.44 U	0.25 U	16.58	1.00 U	0.35 U	0.40 U	1.56	0.28 U	10.00 U	1.07	3.74	0.33 U
4/6/05	0.13 U	0.24 U	0.44 U	0.25 U	12.43	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.40	3.92	0.33 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	17.06	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.28	3.41	0.33 U
4/4/06	0.13 U	0.24 U	0.44 U	0.25 U	13.27	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.38	3.47	0.33 U
9/25/06	0.13 U	0.24 U	0.44 U	0.25 U	15.90	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	3.81	8.11	0.33 U
4/17/07	0.13 U	0.24 U	0.44 U	0.25 U	29.18	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	7.99	0.33 U
10/3/07	0.13 U	0.24 U	0.44 U	0.25 U	29.33	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	5.36	8.27	0.33 U
3/26/08	0.18 U	0.18 U	0.21 U	0.23 U	11.14	0.50 U	0.26 U	0.14 U	0.24 U	0.16 U	1.03	3.16	4.67	0.20 U
9/24/08	0.12 U	0.17 U	0.14 U	1.52	23.00	0.50 U	0.13 U	0.17 U	0.20 U	0.08 U	1.55	3.68	6.31	0.13 U
3/9/09	0.12 U	0.17 U	0.14 U	0.17 U	31.01	0.89	0.13 U	0.17 U	0.20 U	0.08 U	--	4.66	8.28	0.13 U
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	33.40	1.03	1.00 U	1.00 U	1.00 U	1.00 U	2.61	4.72	8.15	1.00 U
7/26/10	1.00 U	1.00 U	1.00 U	1.00 U	34.00	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	3.00	4.00	8.00	1.00 U
9/15/10	2.00 U	2.00 U	2.00 U	2.00 U	15.10	0.93 J	2.00 U	2.00 U	2.00 U	2.00 U	1.51 J	3.94	6.10	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill

Printed 5/25/22

Monitoring Location OB11 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)
4/20/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	25.00	--	1.00 U	1.00 U	1.00 U	3.90	2.80	5.10	--
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	30.00	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	7.20	--
3/12/12	1.00 U	1.00 U	1.00 U	1.00 U	21.00	1.00 U	--	1.00 U	1.00 U	1.00 U	3.00	1.00 U	6.30	--
9/13/12	1.00 U	1.00 U	1.00 U	1.00 U	22.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/26/13	1.00 U	1.00 U	1.00 U	1.00 U	22.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.69	3.66	6.13	1.00 U
9/12/13	1.00 U	1.00 U	1.00 U	1.00 U	21.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.41	3.57	6.50	1.00 U
3/11/14	1.00 U	1.00 U	1.00 U	1.00 U	21.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	3.64	6.26	1.00 U
9/10/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/19/15	1.00 U	1.00 U	1.00 U	1.00 U	18.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.86	3.07	5.57	1.00 U
9/1/15	1.00 U	1.00 U	1.00 U	1.00 U	18.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.89	3.42	5.53	1.00 U
3/21/16	1.00 U	1.00 U	1.00 U	1.00 U	17.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.11	3.16	5.67	1.00 U
8/30/16	1.00 U	1.00 U	1.00 U	1.00 U	15.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.85	2.91	4.83	1.00 U
3/8/17	1.00 U	1.00 U	1.00 U	1.00 U	19.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.26	3.07	5.18	1.00 U
9/14/17	1.00 U	1.00 U	1.00 U	1.00 U	12.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.85	2.49	4.81	1.00 U
3/29/18	1.00 U	1.00 U	1.00 U	1.00 U	13.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.96	2.78	4.70	1.00 U
9/5/18	1.00 U	1.00 U	1.00 U	1.00 U	12.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.85	2.54	4.50	1.00 U
4/10/19	1.00 U	1.00 U	1.00 U	1.00 U	12.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.80	2.40	4.40	1.00 U
7/29/19	1.00 U	1.00 U	1.00 U	1.00 U	13.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.70	2.40	4.60	1.00 U
3/11/20	1.00 U	1.00 U	1.00 U	1.00 U	9.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.60	1.90	3.60	1.00 U
7/30/20	1.00 U	1.00 U	1.00 U	1.00 U	11.40	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	2.90	2.20	4.40	1.00 U
3/31/21	1.00 U	1.00 U	1.00 U	1.00 U	11.90	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	2.80	2.30	4.60	1.00 U
9/3/21	1.00 U	1.00 U	1.00 U	1.00 U	6.70	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.20	1.20	2.60	1.00 U
3/30/22	1.00 U	1.00 U	1.00 U	1.00 U	8.90	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	3.10	1.60	3.50	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB11 - Volatile Organic Compounds

Printed 5/25/22

	1,4-Dichlorobenzene (ug/L)	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)
MCL/ GWPS	75						5		80	80			5	100
4/27/01	10.00 U	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U
9/4/01	10.00 U	--	0.18 U	--	0.15 U	--	1.68	0.20 U	0.18 U	0.14 U	1.00 U	0.38 U	0.15 U	6.38
3/13/02	10.00 U	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U
9/16/02	10.00 U	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U
6/3/03	10.00 U	--	0.18 U	--	0.15 U	--	1.07	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	5.14
10/9/03	1.21	0.70	0.18 U	--	0.15 U	--	3.28	0.20 U	0.18 U	0.14 U	1.00 U	0.38 U	0.15 U	14.96
3/25/04	10.00 U	4.26	0.18 U	--	0.15 U	--	7.22	0.20 U	0.18 U	1.00 U	1.00 U	1.00 U	0.15 U	36.13
9/21/04	10.00 U	0.29 U	1.25	--	0.39 U	--	3.17	0.34 U	0.31 U	0.27 U	1.00 U	2.50 U	0.25 U	19.64
4/6/05	10.00 U	1.00 U	0.19 U	--	0.39 U	--	3.43	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	31.35
9/21/05	10.00 U	0.29 U	0.19 U	--	0.39 U	--	2.04	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	15.03
4/4/06	10.00 U	0.29 U	0.19 U	--	0.39 U	--	1.43	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	12.61
9/25/06	10.00 U	3.06	0.19 U	--	0.39 U	--	9.78	1.94	0.31 U	0.27 U	1.00 U	0.75 U	0.25 U	60.16
4/17/07	10.18	0.29 U	0.19 U	--	0.39 U	--	9.69	2.25	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	56.32
10/3/07	10.00 U	2.54	0.19 U	--	0.39 U	--	10.69	1.22	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	61.28
3/26/08	2.46	--	--	--	--	--	2.04	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	11.69
9/24/08	6.43	--	--	--	--	--	6.16	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	35.91
3/9/09	--	--	--	--	--	--	9.56	0.14 U	0.11 U	0.16 U	0.50 U	--	0.14 U	52.75
9/22/09	14.60	0.83 J	1.00 U	1.00 U	1.00 U	1.00 U	9.37	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	50.00
7/26/10	14.00	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	8.00	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	44.00
9/15/10	9.85	0.95 J	2.00 U	2.00 U	24.60	2.00 U	8.29	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	34.30

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB11 - Volatile Organic Compounds

Printed 5/25/22

	1,4-Dichlorobenzene (ug/L)	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)
4/20/11	1.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	52.00
9/6/11	1.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	12.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	17.00	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	6.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	41.00
9/13/12	14.80	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	34.50
3/26/13	14.90	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	6.02	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	34.60
9/12/13	13.70	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	6.17	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	31.00
3/11/14	16.90	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.72	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	33.40
9/10/14	1.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U
3/19/15	16.80	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.78	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	30.20
9/1/15	16.30	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.32	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	30.30
3/21/16	18.60	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.13	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	30.80
8/30/16	18.00	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.60	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	27.80
3/8/17	20.90	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.23	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	30.70
9/14/17	16.80	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.26	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	26.80
3/29/18	17.70	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.96	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	26.70
9/5/18	17.70	5.00 U	5.00 U	5.00 U	14.50	5.00 U	2.70	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	25.20
4/10/19	17.00	5.00 U	5.00 U	5.00 U	8.60	5.00 U	2.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	22.30
7/29/19	19.40	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	22.70
3/11/20	17.80	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	22.30
7/30/20	18.90	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	24.10
3/31/21	18.80	5.00 U	5.00 U	5.00 U	5.60	5.00 U	2.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	27.40
9/3/21	5.50	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	6.80
3/30/22	21.50	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	31.40

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Gude Landfill Monitoring Location OB11 - Volatile Organic Compounds

Printed 5/25/22

	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)
MCL/ GWPS		80		70		80	700	10000				5	10000	100
4/27/01	1.00 U	0.23 U	0.21 U	15.28	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U
9/4/01	1.00 U	1.00 U	0.21 U	33.11	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	3.02	0.27 U	0.21 U
3/13/02	1.00 U	1.00 U	0.21 U	25.68	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	1.00 U	0.27 U	0.21 U
9/16/02	0.20 U	0.23 U	0.21 U	1.70	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U
6/3/03	1.00 U	0.23 U	0.21 U	26.92	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	8.96	0.27 U	0.21 U
10/9/03	1.00 U	1.00 U	0.21 U	46.08	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	14.29	0.27 U	0.21 U
3/25/04	1.00 U	1.00 U	1.00 U	141.35	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	22.08	0.27 U	0.21 U
9/21/04	1.00 U	1.00 U	0.25 U	41.73	0.29 U	0.27 U	1.00 U	2.00 U	0.28 U	--	0.25 U	0.34 U	1.00 U	0.25 U
4/6/05	1.00 U	0.27 U	0.25 U	53.18	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	4.41	0.18 U	0.25 U
9/21/05	0.31 U	1.00 U	0.25 U	46.22	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U
4/4/06	0.31 U	0.27 U	0.25 U	45.81	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	2.51	0.18 U	0.25 U
9/25/06	1.00 U	1.00 U	1.00 U	149.39	0.29 U	0.27 U	0.23 U	2.00 U	1.00 U	--	1.00 U	42.44	1.00 U	0.25 U
4/17/07	1.00 U	1.00 U	0.25 U	164.85	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	1.00 U	42.01	1.00 U	0.25 U
10/3/07	1.00 U	1.00 U	0.25 U	176.66	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	1.00 U	35.48	1.00 U	0.25 U
3/26/08	0.50 U	0.21 U	0.15 U	92.93	0.13 U	0.15 U	0.26 U	0.43 U	--	5.00 U	0.15 U	9.24	0.22 U	0.20 U
9/24/08	0.50 U	0.12 U	0.20 U	137.27	0.12 U	0.13 U	0.12 U	0.23 U	--	5.00 U	0.20 U	19.47	0.50 U	0.11 U
3/9/09	0.50 U	0.50	0.50 U	190.55	0.12 U	0.13 U	0.12 U	0.23 U	--	6.41	0.20 U	28.72	0.50 U	0.11 U
9/22/09	0.64 J	0.42 J	1.00 U	184.00	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	2.67	1.00 U	30.60	1.00 U	1.00 U
7/26/10	1.00 U	1.00 U	1.00 U	210.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	28.00	1.00 U	1.00 U
9/15/10	0.57 J	2.00 U	2.00 U	73.60	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	1.65 J	2.00 U	24.20	2.00 U	2.00 U

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Gude Landfill
Monitoring Location OB11 - Volatile Organic Compounds

Printed 5/25/22

	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)
4/20/11	1.00 U	1.00 U	2.30	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	5.60	1.00 U	16.00	--	1.00 U
9/6/11	17.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	18.00	--	1.00 U
3/12/12	1.00 U	1.00 U	1.00 U	160.00	1.00 U	1.00 U	1.00 U	--	1.00 U	2.60	1.00 U	12.00	--	1.00 U
9/13/12	1.00 U	1.00 U	1.00 U	94.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	13.00	1.00 U	1.00 U
3/26/13	1.00 U	1.00 U	1.00 U	64.16	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	12.30	1.00 U	1.00 U
9/12/13	1.00 U	1.00 U	1.00 U	135.88	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	12.00	1.00 U	1.00 U
3/11/14	1.00 U	1.00 U	1.00 U	131.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	10.60	1.00 U	1.00 U
9/10/14	1.00 U	1.00 U	1.00 U	1.53	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/19/15	1.00 U	1.00 U	1.00 U	103.40	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	8.58	1.00 U	1.00 U
9/1/15	1.00 U	1.00 U	1.00 U	79.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	8.71	1.00 U	1.00 U
3/21/16	1.00 U	1.00 U	1.00 U	107.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	8.56	1.00 U	1.00 U
8/30/16	1.00 U	1.00 U	1.00 U	95.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	7.51	1.00 U	1.00 U
3/8/17	1.00 U	1.00 U	1.00 U	77.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	9.30	1.00 U	1.00 U
9/14/17	1.00 U	1.00 U	1.00 U	78.20	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	5.71	1.00 U	1.00 U
3/29/18	1.00 U	1.00 U	1.00 U	86.80	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	5.97	1.00 U	1.00 U
9/5/18	1.00 U	1.00 U	1.00 U	80.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	5.54	1.00 U	1.00 U
4/10/19	1.00 U	1.00 U	1.00 U	89.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.10	1.00 U	5.60	1.00 U	1.00 U
7/29/19	1.00 U	1.00 U	1.00 U	70.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.10	1.00 U	1.00 U	1.00 U	1.00 U
3/11/20	1.00 U	1.00 U	1.00 U	76.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.80	1.00 U	4.20	1.00 U	1.00 U
7/30/20	1.00 U	1.00 U	1.00 U	85.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.80	1.00 U	4.50	1.00 U	1.00 U
3/31/21	1.00 U	1.00 U	1.00 U	77.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00	1.00 U	4.30	1.00 U	1.00 U
9/3/21	1.00 U	1.00 U	1.00 U	43.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/22	1.00 U	1.00 U	1.00 U	63.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.70	1.00 U	2.80 L	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill Monitoring Location OB11 - Volatile Organic Compounds

	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS	5	1000	100			5			2	10000
4/27/01	15.38	0.24 U	1.00 U	0.13 U	0.14 U	10.45	1.00 U	--	--	--
9/4/01	44.27	0.24 U	1.00 U	0.13 U	0.14 U	24.68	2.72	--	--	--
3/13/02	36.00	0.24 U	1.00 U	0.13 U	0.14 U	18.90	1.58	--	--	--
9/16/02	1.00 U	0.24 U	1.00 U	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
6/3/03	21.58	0.24 U	1.00 U	0.13 U	0.14 U	17.31	1.72	--	--	--
10/9/03	0.17 U	1.00 U	1.57	0.13 U	0.14 U	30.06	3.78	--	2.85	--
3/25/04	26.34	0.24 U	5.27	0.13 U	1.00 U	39.15	0.18 U	--	10.87	--
9/21/04	36.32	1.45	1.49	0.24 U	0.30 U	28.57	3.22	--	3.54	--
4/6/05	34.22	0.32 U	1.71	0.24 U	1.00 U	26.35	1.87	--	6.36	--
9/21/05	26.31	1.00	1.24	0.24 U	0.30 U	25.32	1.66	--	2.44	--
4/4/06	20.17	0.32 U	1.09	0.24 U	0.30 U	20.17	1.00 U	--	1.75	--
9/25/06	65.48	0.32 U	6.19	0.24 U	0.30 U	55.99	4.37	--	15.95	--
4/17/07	62.00	0.32 U	5.60	0.24 U	0.30 U	52.41	4.25	--	12.02	--
10/3/07	60.22	0.32 U	8.31	0.24 U	0.30 U	59.10	5.59	--	16.89	--
3/26/08	32.40	0.28 U	2.88	0.08 U	--	28.56	1.93	--	4.49	--
9/24/08	52.48	1.00	8.83	0.13 U	--	42.66	2.85	--	8.73	--
3/9/09	67.92	0.50 U	7.15	0.13 U	--	53.74	4.58	--	15.64	--
9/22/09	43.90	1.00 U	6.37	1.00 U	1.00 U	51.50	3.98	--	20.30	--
7/26/10	58.00	1.00 U	6.00	1.00 U	5.00 U	48.00	1.00 U	1.00 U	13.00	--
9/15/10	19.60	2.00 U	2.78	2.00 U	2.00 U	33.90	3.78	2.00 U	20.90	--

Gude Landfill
Monitoring Location OB11 - Volatile Organic Compounds

Printed 5/25/22

	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
4/20/11	26.00	1.00 U	4.90	1.00 U	5.00 U	28.00	6.80	1.00 U	14.00	1.00 U
9/6/11	44.00	1.00 U	3.30	1.00 U	5.00 U	37.00	1.00 U	1.00 U	1.00 U	1.00 U
3/12/12	47.00	1.00 U	4.60	1.00 U	5.00 U	39.00	3.30	1.00 U	13.00	1.00 U
9/13/12	40.10	1.00 U	1.00 U	1.00 U	5.00 U	34.20	1.00 U	5.00 U	14.10	--
3/26/13	36.90	1.00 U	4.31	1.00 U	5.00 U	32.60	2.47	5.00 U	13.90	--
9/12/13	32.20	1.00 U	4.94	1.00 U	5.00 U	34.60	2.04	5.00 U	14.00	--
3/11/14	32.30	1.00 U	4.41	1.00 U	5.00 U	29.60	2.33	5.00 U	14.60	--
9/10/14	1.13	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/19/15	24.00	1.00 U	3.58	1.00 U	5.00 U	25.50	2.00	5.00 U	15.40	--
9/1/15	21.70	1.00 U	3.79	1.00 U	5.00 U	26.30	1.60	5.00 U	14.60	--
3/21/16	21.30	1.00 U	3.95	1.00 U	5.00 U	22.90	1.61	5.00 U	14.50	--
8/30/16	16.80	1.00 U	3.30	1.00 U	5.00 U	18.80	1.33	5.00 U	13.50	--
3/8/17	17.40	1.00 U	4.46	1.00 U	5.00 U	14.10	1.80	5.00 U	17.90	--
9/14/17	13.20	1.00 U	2.71	1.00 U	5.00 U	15.40	1.08	5.00 U	11.10	--
3/29/18	12.20	1.00 U	3.05	1.00 U	5.00 U	14.50	1.08	5.00 U	11.70	--
9/5/18	11.50	1.00 U	3.01	1.00 U	5.00 U	13.10	1.07	5.00 U	12.50	--
4/10/19	10.10	1.00 U	3.00	1.00 U	1.00 U	11.30	1.00 U	1.00 U	13.90	--
7/29/19	3.60	1.00 U	3.40	1.00 U	1.00 U	9.60	1.00 U	1.00 U	17.50	--
3/11/20	9.50	1.00 U	2.70	1.00 U	1.00 U	9.90	1.00 U	1.00 U	11.50	--
7/30/20	8.30	1.00 U	2.90	1.00 U	1.00 U	9.30	1.00 U	1.00 U	13.10	--
3/31/21	7.10	1.00 U	2.70	1.00 U	1.00 U	7.80	1.00 U	1.00 U	17.10	--
9/3/21	4.50	1.00 U	1.00 U	1.00 U	1.00 U	7.00	1.00 U	1.00 U	3.30	--
3/30/22	7.30	1.00 U	2.30	1.00 U	1.00 U	6.80	1.00 U	1.00 U	12.50	--

Gude Landfill
Monitoring Location OB12 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/21/11	0.005 U	0.005 U	0.022	0.005 U	0.005 U	34.2	0.01 U	0.01 U	0.005 U	0.5 U	0.005 U	23.1	0.105	0.0002 U
9/6/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/7/12	0.005 U	0.005 U	0.018	0.005 U	0.005 U	38.2	0.01 U	0.01 U	0.005	0.2 U	0.005 U	25.1	0.117	0.0002 U
9/12/12	0.005 U	0.005 U	0.018	0.005 U	0.005 U	32.8	0.01 U	0.01 U	0.005 U	0.2	0.005 U	20.4	0.108	0.0002 U
3/26/13	0.005 U	0.005 U	0.019	0.005 U	0.005 U	37.0	0.01 U	0.01 U	0.011	0.2 U	0.005 U	23.1	0.109	0.0002 U
9/12/13	0.005 U	0.005 U	0.019	0.005 U	0.005 U	34.9	0.01 U	0.01 U	0.005 U	0.2	0.005 U	21.3	0.120	0.0002 U
3/11/14	0.005 U	0.005 U	0.021	0.005 U	0.005 U	36.2	0.01 U	0.01 U	0.005 U	0.2 U	0.005 U	23.0	0.119	0.0002 U
9/3/14	0.005 U	0.005 U	0.021	0.005 U	0.005 U	37.2	0.01 U	0.01 U	0.005 U	0.2	0.005 U	22.9	0.129	0.0002 U
3/23/15	0.002 U	0.002 U	0.015	0.002 U	0.004 U	40.0	0.01 U	0.01 U	0.010 U	0.0 U	0.002 U	26.0	0.110	0.0002 U
9/2/15	0.001 U	0.001 U	0.014	0.001 U	0.001 U	39.0	0.01 U	0.01 U	0.005 U	0.0 U	0.001 U	24.0	0.140	0.0002 U
3/23/16	0.002 U	0.002 U	0.015	0.002 U	0.002 U	38.7	0.00	0.00 U	0.002 U	0.2	0.002 U	24.3	0.109	0.0002 U
8/29/16	0.002 U	0.002 U	0.015	0.002 U	0.002 U	39.1	0.00 U	0.00 U	0.002 U	0.2	0.002 U	24.5	0.138	0.0002 U
3/8/17	0.002 U	0.002 U	0.016	0.002 U	0.002 U	38.6	0.00 U	0.00 U	0.007	0.2	0.002 U	23.9	0.126	0.0002 U
9/18/17	0.002 U	0.002 U	0.014	0.002 U	0.002 U	41.1	0.00 U	0.00 U	0.002 U	0.2	0.002 U	25.2	0.134	0.0002 U
4/3/18	0.002 U	0.002 U	0.015	0.002 U	0.002 U	37.6	0.01	0.00 U	0.002 U	0.1 U	0.002 U	23.0	0.110	0.0002 U
9/11/18	0.002 U	0.002 U	0.015	0.002 U	0.002 U	39.8	0.00	0.00 U	0.002 U	0.1 U	0.002 U	27.4	0.132	0.0002 U

**Gude Landfill
Monitoring Location OB12 - Dissolved Metals**

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/21/11	0.01	3.3	0.005 U	0.01 U	24.8	0.005 U	0.01 U	0.005
9/6/11	0.01	--	--	--	--	--	--	--
3/7/12	0.01	2.9	0.005 U	0.01 U	30.7	0.005 U	0.01 U	0.006
9/12/12	0.01	2.9	0.005 U	0.01 U	22.5	0.005 U	0.01 U	0.008
3/26/13	0.01	2.9	0.005 U	0.01 U	27.6	0.005 U	0.01 U	0.006
9/12/13	0.01	2.8	0.005 U	0.01 U	22.2	0.005 U	0.01 U	0.005 U
3/11/14	0.01	2.7	0.005 U	0.01 U	24.1	0.005 U	0.01 U	0.007
9/3/14	0.01	2.6	0.005 U	0.01 U	25.6	0.005 U	0.01 U	0.009
3/23/15	0.01 J	3.9	0.035 U	0.01 U	28.0	0.002 U	0.01 U	0.010 U
9/2/15	0.01 U	2.7	0.005 U	0.00 U	25.0	0.001 U	0.01 U	0.005 U
3/23/16	0.01	3.6	0.002 U	0.00 U	25.8	0.001 U	0.00 U	0.002
8/29/16	0.01	3.0	0.002 U	0.00 U	26.0	0.001 U	0.00 U	0.002
3/8/17	0.01	2.4	0.002 U	0.00 U	25.0	0.001 U	0.00 U	0.004
9/18/17	0.01	2.6	0.002 U	0.00 U	25.4	0.001 U	0.00 U	0.003
4/3/18	0.01	3.1	0.002	0.00 U	24.2	0.001 U	0.00	0.004
9/11/18	0.01	2.7	0.002	0.00 U	24.8	0.001 U	0.00 U	0.003

Gude Landfill
Monitoring Location OB12 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
MCL/ GWPS					0.2			10		1				
4/6/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.010 U
9/21/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.054
4/5/06	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.026
9/26/06	--	--	--	--	0.004	--	--	--	--	--	--	--	--	0.072
4/18/07	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.025
10/4/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	--
3/25/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/24/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/21/09	110.0	0.20 U	8.5 J	69.9000	--	--	165.0	1.6220	--	--	--	--	--	--
7/28/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/21/10	108.0	0.20 U	7.4 J	65.8000	--	--	162.0	1.3770 HT	1.38 HT	0.05 U	--	--	--	--
4/21/11	44.0	0.20 U	6.9	80.1000	--	--	182.0	1.5900	1.64	0.05 U	--	--	--	--
9/6/11	106.0	0.20 U	10.0 U	62.7000	--	--	153.0	1.1400	1.15	0.05 U	--	--	--	--
3/7/12	116.0	0.20 U	8.1	76.9000	--	--	194.0	1.2600	1.27	0.05 U	--	--	--	--
9/12/12	113.0	0.20 U	10.0 U	66.4000	--	--	160.0	0.9900	1.04	0.05 U	--	--	--	--
3/26/13	119.0	0.20 U	21.0	79.0000	--	0.03	178.0	1.0200	1.07	0.05 U	313.0	5.81	--	--
9/12/13	126.0	0.20 U	10.0 U	70.5000	--	0.03	178.0	0.8700	0.88	0.05 U	255.0	5.53	--	--
3/11/14	123.0	0.20 U	10.0 U	77.9000	--	0.21	200.0	0.8300	--	--	337.0	5.56	--	--
9/3/14	138.0	0.20 U	10.0 U	77.4000	--	--	208.0	0.6950	0.71	0.05 U	379.0	5.92	--	--

Gude Landfill
Monitoring Location OB12 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
3/23/15	125.0	0.20 U	10.0 U	80.7000	--	0.00	202.0	0.7400	0.79	0.05 U	401.0	5.81	--	--
9/2/15	132.0	0.20 U	10.8	80.0000	--	1.44	182.0	0.8030	0.81	0.05 U	347.0	5.80	--	--
3/23/16	122.0	0.20 U	10.0 U	84.6000	--	0.00	188.0	0.5880	0.64	0.05 U	331.0	5.64	--	--
8/29/16	129.0	0.20 U	10.0 U	84.3000	--	--	218.0	0.5750	0.59	0.05 U	212.0	5.69	--	--
3/8/17	135.0	0.20 U	10.0 U	87.2000	--	--	224.0	0.5410	0.55	0.05 U	327.0	5.54	--	--
9/18/17	120.0	0.20 U	10.0 U	77.4000	--	0.33	192.0	0.6360	0.65	0.05 U	241.0	5.75	--	--
4/3/18	118.0	0.20 U	10.0 U	84.4000	--	--	190.0	0.5330	0.54	0.05 U	158.0	5.79	--	--
9/11/18	129.0	0.20 U	10.0 U	84.9000	--	--	191.0	0.4650	0.48	0.05 U	80.0	5.57	--	--
4/10/19	124.0	0.10 U	10.0	75.6000	--	0.09	191.0 B	0.2000 U	--	--	102.7	5.59	5.78	--
8/6/19	153.0	0.10 U	6.3	97.8000	--	0.10	202.0	1.2000	--	--	3.7	5.36	6.05	--
3/11/20	138.0	0.10 U	14.2	81.5000	--	0.43	214.0	0.4000	--	--	0.5	5.67	5.84	--
8/3/20	152.0	0.10 U	15.9	91.3000	--	0.59	228.0	0.3500	--	--	-67.3	5.99	1.93	--
3/29/21	138.0	0.10 U	8.3	83.8000	--	0.05	194.0	0.5390	--	--	71.3	5.58	5.85	--
9/3/21	165.0	0.05 U	27.5	99.0000	--	0.66	236.0	0.5340	--	--	-110.1	6.09	5.83	--
3/30/22	141.0	0.02 U	9.2	87.6000	--	0.85	220.0	0.4410	--	--	13.2	5.62	5.71	--

Gude Landfill
Monitoring Location OB12 - General Parameters

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS										
4/6/05	--	--	--	--	--	--	0	--	--	--
9/21/05	--	--	--	--	--	--	0	--	--	--
4/5/06	--	--	--	--	--	--	0	--	--	--
9/26/06	--	--	--	--	--	--	0	--	--	--
4/18/07	--	--	--	--	--	--	0 U	--	--	--
10/4/07	--	--	--	--	--	--	0 U	--	--	--
3/25/08	--	--	--	--	--	--	0 U	--	--	--
9/24/08	--	--	--	--	--	--	0 U	--	--	--
9/21/09	--	--	7.14	--	--	308.0	--	--	2.490	--
7/28/10	--	--	--	3.0 U	--	--	--	--	--	--
9/21/10	--	--	7.13	--	--	408.0	--	--	0.328	--
4/21/11	--	--	4.78	--	--	120.0	--	--	0.167	--
9/6/11	--	--	5.57	--	--	296.0	--	--	--	--
3/7/12	--	--	12.00	--	--	340.0	--	--	--	--
9/12/12	--	--	4.58	--	--	312.0	--	--	--	--
3/26/13	545.7	--	13.40	--	14.0	236.0	--	--	--	0.00
9/12/13	436.3	--	5.79	--	14.9	364.0	--	--	--	1.26
3/11/14	469.9	--	14.40	--	14.2	308.0	--	--	--	1.36
9/3/14	481.6	--	11.60	--	14.6	292.0	--	--	--	0.90

Gude Landfill
Monitoring Location OB12 - General Parameters

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
3/23/15	444.7	--	16.00	--	12.1	338.0	--	--	--	0.00
9/2/15	484.0	--	5.91	--	15.7	229.0	--	--	--	0.23
3/23/16	471.2	--	13.60	--	17.1	316.0	--	--	--	0.00
8/29/16	501.0	--	9.02	--	18.0	294.0	--	--	--	0.00
3/8/17	471.2	--	12.30	--	14.5	224.0	--	--	--	0.00
9/18/17	503.5	--	7.78	--	15.7	308.0	--	--	--	0.00
4/3/18	462.7	--	13.20	--	13.2	222.0	--	--	--	0.80
9/11/18	538.6	--	13.20	--	16.1	301.0	--	--	--	0.00
4/10/19	627.0	521.0	24.70	--	16.3	306.0	--	2.6 U	0.912	2.20
8/6/19	0.9	606.0	16.70	--	16.4	370.0	--	2.4 U	0.500 U	0.00
3/11/20	535.0	571.0	19.90	--	15.1	324.0	--	2.3 U	0.973	0.70
8/3/20	547.0	5890.0	16.00	--	17.5	385.0	--	2.3 U	0.500 U	2.90
3/29/21	513.0	590.0	26.20	--	15.5	328.0	--	2.3 U	0.500 U	0.18
9/3/21	585.0	650.0	16.20	--	16.9	404.0 B	--	3.0 U	0.645	9.50
3/30/22	351.0	611.8	21.80	--	14.8	359.0	--	2.2 U	1.150	1.55

Gude Landfill
Monitoring Location OB12 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
4/6/05	0.0028 U	0.0006 U	0.1420	0.0012 U	--	0.0020 U	--	0.0024	0.0020 U	0.0145	--	0.00200
9/21/05	0.0028 U	0.0006 U	0.0989	0.0012 U	--	0.0020 U	--	0.0020	0.0020 U	0.0215	--	0.00320
4/5/06	0.0006 U	0.0006 U	0.0431	0.0007 U	--	0.0020 U	--	0.0020 U	0.0005 U	0.0102	--	0.00320
9/26/06	0.0007 U	0.0008 U	0.0360	0.0009 U	--	0.0020 U	--	0.0104	0.0020 U	0.0151	--	0.00460
4/18/07	0.0020 U	0.0008 U	0.0565	0.0009 U	0.037	--	--	0.0007 U	0.0005 U	0.0048	--	0.00070 U
10/4/07	0.0007 U	0.0008 U	0.0146	0.0009 U	0.046	--	--	0.0020	0.0005 U	0.0090	--	0.00200 U
3/25/08	0.0005 U	0.0006 U	0.0228	0.0010 U	0.045	--	--	0.0020 U	0.0012 U	0.0055	--	0.00100 U
9/24/08	0.0010 U	0.0012 U	0.0200 U	0.0020 U	0.064	--	--	0.0016 U	0.0024 U	0.0070	--	0.00200 U
3/10/09	0.0010 U	0.0010 U	0.0298	0.0012 U	0.063	--	--	0.0007 U	0.0007 U	0.0100 U	--	0.00070 U
9/21/09	0.0020 U	0.0020 U	0.0186	0.0020 U	--	0.0020 U	33.30	0.0020 U	0.0020 U	0.0061	0.3680	0.00200 U
7/28/10	0.0010 U	0.0009 J	0.0130	0.0010 U	--	0.0010 U	--	0.0006 J	0.0010 U	0.0006 J	--	0.00100 U
9/21/10	0.0050 U	0.0050 U	0.0153	0.0050 U	--	0.0050 U	32.30	0.0050 U	0.0050 U	0.0068	0.2280 J	0.00500 U
4/21/11	0.0050 U	0.0050 U	0.0211	0.0050 U	--	0.0050 U	34.10 J	0.0050 U	0.0050 U	0.0050 U	0.5000 U	0.00500 U
9/6/11	0.0050 U	0.0050 U	0.0173	0.0050 U	--	0.0050 U	33.00	0.0050 U	0.0050 U	0.0050 U	0.5000 U	0.00500 U
3/7/12	0.0050 U	0.0050 U	0.0174	0.0050 U	--	0.0050 U	38.30	0.0050 U	0.0050 U	0.0051	0.2000 U	0.00500 U
9/12/12	0.0050 U	0.0050 U	0.0180	0.0050 U	--	0.0050 U	26.50	0.0050 U	0.0050 U	0.0050 U	0.2000 U	0.00500 U
3/26/13	0.0050 U	0.0050 U	0.0194	0.0050 U	--	0.0050 U	36.70	0.0050 U	0.0050 U	0.0102	0.2000 J	0.00500 U
9/12/13	0.0050 U	0.0050 U	0.0178	0.0050 U	--	0.0050 U	33.80	0.0050 U	0.0050 U	0.0050 U	0.2000 U	0.00500 U
3/11/14	0.0050 U	0.0050 U	0.0206	0.0050 U	--	0.0050 U	35.00	0.0050 U	0.0050 U	0.0050 U	0.2080	0.00500 U
9/3/14	0.0050 U	0.0050 U	0.0215	0.0050 U	--	0.0050 U	36.50	0.0050 U	0.0050 U	0.0050 U	0.2340	0.00500 U
3/23/15	0.0020 U	0.0020 U	0.0140	0.0020 U	--	0.0040 U	39.00	0.0100 U	0.0100 U	0.0100 U	0.0050 U	0.00200 U
9/2/15	0.0010 U	0.0010 U	0.0140	0.0010 U	--	0.0005 U	39.00	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.00100 U
3/23/16	0.0020 U	0.0020 U	0.0152	0.0020 U	--	0.0020 U	38.80	0.0022	0.0020 U	0.0020 U	0.2200	0.00200 U

Gude Landfill
Monitoring Location OB12 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
8/29/16	0.0020 U	0.0020 U	0.0149	0.0020 U	--	0.0020 U	39.60	0.0020 U	0.0020 U	0.0020 U	0.2160	0.00200 U
3/8/17	0.0020 U	0.0020 U	0.0154	0.0020 U	--	0.0020 U	37.20	0.0042	0.0020 U	0.0033	0.2000 U	0.00200 U
9/18/17	0.0020 U	0.0020 U	0.0142	0.0020 U	--	0.0020 U	37.70	0.0020 U	0.0020 U	0.0020 U	0.2000 U	0.00200 U
4/3/18	0.0020 U	0.0020 U	0.0151	0.0020 U	--	0.0020 U	37.90	0.0049	0.0020 U	0.0020 U	0.0500 U	0.00200 U
9/11/18	0.0020 U	0.0020 U	0.0157	0.0020 U	--	0.0020 U	38.20	0.0030	0.0020 U	0.0020 U	0.0500 U	0.00200 U
4/10/19	0.0010 U	0.0010 U	0.0177	0.0010 U	--	0.0010 U	33.00 B	0.0010 U	0.0010	0.0010 U	0.1000 U	0.00100 U
8/6/19	0.0010 U	0.0010 U	0.0155	0.0010 U	--	0.0010 U	35.60	0.0010 U	0.0010 U	0.0010 U	0.1000 U	0.00100 U
3/11/20	0.0010 U	0.0010 U	0.0202	0.0010 U	--	0.0010 U	37.60	0.0012	0.0010 U	0.0010 U	0.0935 J	0.00100 U
8/3/20	0.0010 U	0.0010 U	0.0187	0.0010 U	--	0.0010 U	40.00	0.0015	0.0010 U	0.0010 U	0.0528 J	0.00100 U
3/29/21	0.0010 U	0.0010 U	0.0170	0.0010 U	--	0.0010 U	35.10	0.0010 U	0.0010 U	0.0010 U	0.0250 J	0.00100 U
9/3/21	0.0010 U	0.0010 U	0.0187	0.0010 U	--	0.0010 U	43.60	0.0019	0.0010 U	0.0010 U	0.0497 J	0.00100 U
3/30/22	0.0010 U	0.0010 U	0.0187	0.0010 U	--	0.0010 U	42.50	0.0010 U	0.0010 U	0.0010 U	0.0682 J	0.00100 U

Gude Landfill
Monitoring Location OB12 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002			
4/6/05	--	1.03000	0.000600	0.0058	--	0.00200 U	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U	--
9/21/05	--	0.60740	0.000400	0.0069	--	0.00100 U	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U	--
4/5/06	--	0.23050	0.000500	0.0065	--	0.00150 U	0.0004 U	--	0.0004 U	0.0050 U	0.00200 U	--
9/26/06	--	0.16810	0.001100	0.0156	--	0.00200 U	0.0020 U	--	0.0007 U	0.0050 U	0.00200 U	--
4/18/07	--	--	0.000200 U	0.0035	--	0.00200 U	0.0005 U	--	0.0007 U	0.0500 U	0.00070 U	0.01300
10/4/07	--	--	0.001500	0.0062	--	0.00080 U	0.0005 U	--	0.0007 U	0.0020 U	0.00200 U	0.04780
3/25/08	--	--	0.000700	0.0064	--	0.00200 U	0.0008 U	--	0.0006 U	0.0500 U	0.00060 U	0.02220
9/24/08	--	--	0.000200	0.0066	--	0.00180 U	0.0016 U	--	0.0012 U	0.0011 U	0.00120 U	0.02360
3/10/09	--	--	0.000200 U	0.0100 U	--	0.00120 U	0.0043 U	--	0.0008 U	0.0011 U	0.00080 U	0.01250
9/21/09	19.700	0.10200	0.000300	0.0089	3.000	0.00200 U	0.0020 U	24.50	0.0020 U	--	0.00020 J	0.01000 U
7/28/10	--	--	0.000200 U	0.0066	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U	0.01400
9/21/10	19.800	0.10700	0.000200 U	0.0102	2.320	0.00500 U	0.0050 U	25.40	0.0050 U	--	0.00500 U	0.00773
4/21/11	27.000 J	0.10600	0.000200 U	0.0084	3.240	0.00500 U	0.0050 U	27.90 J	0.0050 U	--	0.00500 U	0.00765
9/6/11	20.600	0.10800	0.000200 U	--	2.690	0.00500 U	0.0050 U	22.80	0.0050 U	--	0.00500 U	0.00631
3/7/12	24.500	0.11400	0.000200 U	0.0093	3.260	0.00500 U	0.0050 U	30.00	0.0050 U	--	0.00500 U	0.00533
9/12/12	16.100	0.11900	0.000200 U	0.0070	2.970	0.00500 U	0.0050 U	18.20	0.0050 U	--	0.00500 U	0.00820
3/26/13	23.400	0.10500	0.000200 U	0.0082	3.330	0.00500 U	0.0050 U	28.40	0.0050 U	--	0.00500 U	0.00511
9/12/13	20.200	0.11800	0.000200 U	0.0069	2.880	0.00500 U	0.0050 U	21.20	0.0050 U	--	0.00500 U	0.00586
3/11/14	21.400	0.11500	0.000200 U	0.0076	2.890	0.00500 U	0.0050 U	22.00	0.0050 U	--	0.00500 U	0.00842
9/3/14	22.500	0.12900	0.000200 U	0.0092	2.510	0.00500 U	0.0050 U	25.10	0.0050 U	--	0.00500 U	0.00958
3/23/15	25.000	0.10000	0.000200 U	0.0088 J	3.100	0.03500 U	0.0100 U	27.00	0.0020 U	--	0.01000 U	0.01000 U
9/2/15	23.000	0.14000	0.000200 U	0.0100 U	2.600	0.00500 U	0.0010 U	25.00	0.0010 U	--	0.00500 U	0.00500 U
3/23/16	24.400	0.10300	0.000200 U	0.0073	2.450	0.00200 U	0.0020 U	25.20	0.0010 U	--	0.00200 U	0.00200 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB12 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
8/29/16	24.900	0.13500	0.000200 U	0.0069	2.630	0.00200 U	0.0020 U	26.20	0.0010 U	--	0.00200 U	0.00200 U
3/8/17	23.100	0.12600	0.000200 U	0.0086	2.310	0.00221	0.0020 U	24.20	0.0010 U	--	0.00200 U	0.00263
9/18/17	22.500	0.13600	0.000200 U	0.0060	2.420	0.00200 U	0.0020 U	22.80	0.0010 U	--	0.00200 U	0.00315
4/3/18	23.200	0.10900	0.000200 U	0.0087	2.330	0.00240	0.0020 U	24.00	0.0010 U	--	0.00200 U	0.00373
9/11/18	23.200	0.13000	0.000200 U	0.0093	2.260	0.00243	0.0020 U	23.10	0.0010 U	--	0.00200 U	0.00273
4/10/19	26.400	0.11000	0.000100 U	0.0074	5.000	0.00100 U	0.0010 U	30.00	0.0010 U	--	0.00100 U	0.00755
8/6/19	27.600	0.15400	0.000100 U	0.0068	2.690	0.00100 U	0.0010 U	28.80	0.0010 U	--	0.00100 U	0.00584 B
3/11/20	29.100	0.13800	0.000100 U	0.0079	5.680	0.00100 U	0.0010 U	30.70	0.0010 U	--	0.00100 U	0.00400 U
8/3/20	31.000	0.17900	0.000100 U	0.0095	6.540	0.00100 U	0.0010 U	33.50	0.0010 U	--	0.00100 U	0.00466
3/29/21	26.000	0.11600	0.000100 U	0.0057	4.610	0.00100 U	0.0010 U	27.80	0.0010 U	--	0.00100 U	0.00540
9/3/21	31.000	0.18500	0.000100 U	0.0100	5.750	0.00100 U	0.0010 U	32.20	0.0010 U	--	0.00100 U	0.00400 U
3/30/22	27.700	0.12200	0.000100 U	0.0076	5.840	0.00100 U	0.0010 U	29.30	0.0010 U	--	0.00100 U	0.00400 U

Gude Landfill

Monitoring Location OB12 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)
MCL/ GWPS	200			5		7			0.2	0.05	600	5	5	
4/6/05	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	1.00 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	11.60	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.00 U	3.25	0.33 U
4/5/06	0.13 U	0.24 U	0.44 U	0.25 U	2.66	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.00 U	2.02	0.33 U
9/26/06	0.13 U	0.24 U	0.44 U	0.25 U	4.97	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	11.00 U	1.00 U	4.85	0.33 U
4/18/07	0.13 U	0.24 U	0.44 U	0.25 U	2.74	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	1.00 U	1.13	0.33 U
10/4/07	0.13 U	0.24 U	0.44 U	0.25 U	12.73	1.00 U	0.35 U	0.40 U	0.33 U	0.28 U	0.43 U	1.59	7.25	0.33 U
3/25/08	0.18 U	0.18 U	0.21 U	0.23 U	8.14	0.50 U	0.26 U	0.14 U	0.24 U	0.16 U	0.25 U	0.90	3.75	0.20 U
9/24/08	0.12 U	0.17 U	0.14 U	0.17 U	12.72	0.50 U	0.13 U	0.17 U	0.20 U	0.08 U	0.10 U	1.08	5.61	0.13 U
3/10/09	0.12 U	0.17 U	0.14 U	0.17 U	10.97	0.50 U	0.13 U	0.17 U	0.20 U	0.08 U	10.00 U	0.79	3.62	0.13 U
9/21/09	1.00 U	1.00 U	1.00 U	1.00 U	22.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.40 J	1.00 U	5.55	1.00 U
7/28/10	1.00 U	1.00 U	1.00 U	1.00 U	25.00	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	7.00	1.00 U
9/21/10	2.00 U	2.00 U	2.00 U	2.00 U	39.20	0.54 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.17 J	6.29	2.00 U
4/21/11	1.00 U	1.00 U	1.00 U	1.00 U	23.00	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.30	--
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/7/12	1.00 U	1.00 U	1.00 U	1.00 U	21.00	1.00 U	--	1.00 U	1.00 U	1.00 U	0.55	1.00 U	5.80	--
9/12/12	1.00 U	1.00 U	1.00 U	1.00 U	18.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	9.71	1.00 U
3/26/13	1.00 U	1.00 U	1.00 U	1.00 U	22.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.07	6.48	1.00 U
9/12/13	1.00 U	1.00 U	1.00 U	1.00 U	15.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	8.07	1.00 U
3/11/14	1.00 U	1.00 U	1.00 U	1.00 U	21.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.07	7.09	1.00 U
9/3/14	1.00 U	1.00 U	1.00 U	1.00 U	21.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.55	8.23	1.00 U

Gude Landfill
Monitoring Location OB12 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)
3/23/15	1.00 U	1.00 U	1.00 U	1.00 U	20.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.07	7.65	1.00 U
9/2/15	1.00 U	1.00 U	1.00 U	1.00 U	18.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.78	11.60	1.00 U
3/23/16	1.00 U	1.00 U	1.00 U	1.00 U	21.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	9.68	1.00 U
8/29/16	1.00 U	1.00 U	1.00 U	1.00 U	16.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.49	10.10	1.00 U
3/8/17	1.00 U	1.00 U	1.00 U	1.00 U	23.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.70	6.28	1.00 U
9/18/17	1.00 U	1.00 U	1.00 U	1.00 U	17.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.66	10.50	1.00 U
4/3/18	1.00 U	1.00 U	1.00 U	1.00 U	17.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.56	8.91	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	16.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.57	9.02	1.00 U
4/10/19	1.00 U	1.00 U	1.00 U	1.00 U	18.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	8.10	1.00 U
8/6/19	1.00 U	1.00 U	1.00 U	1.00 U	15.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40	9.70	1.00 U
3/11/20	1.00 U	1.00 U	1.00 U	1.00 U	15.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	8.40	1.00 U
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	15.20	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.10	1.40	10.30	1.00 U
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	17.10	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.30	9.00	1.00 U
9/3/21	1.00 U	1.00 U	1.00 U	1.00 U	12.90	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.10	1.40	10.20	1.00 U
3/30/22	1.00 U	1.00 U	1.00 U	1.00 U	17.60	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.10	1.30	9.90	1.00 U

Gude Landfill
Monitoring Location OB12 - Volatile Organic Compounds

Printed 5/25/22

	1,4-Dichlorobenzene (ug/L)	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)
MCL/ GWPS	75						5		80	80			5	100	
4/6/05	10.00 U	1.86	1.00 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	7.36
9/21/05	10.00 U	1.52	0.19 U	--	0.39 U	--	1.58	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.00 U	1.27
4/5/06	10.00 U	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	2.69
9/26/06	11.00 U	1.00 U	0.19 U	--	0.39 U	--	2.15	1.29	0.31 U	0.27 U	1.00 U	0.75 U	0.25 U	1.00 U	1.03
4/18/07	10.00 U	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	1.00 U	0.75 U	0.25 U	0.40 U	0.31 U
10/4/07	3.77	1.00 U	0.19 U	--	0.39 U	--	3.54	1.00 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.00 U	1.00 U
3/25/08	10.00 U	--	--	--	--	--	1.89	0.50 U	0.19 U	0.12 U	0.50 U	--	0.13 U	0.68	0.10 U
9/24/08	2.82	--	--	--	--	--	2.66	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.88	2.50
3/10/09	10.00 U	--	--	--	--	--	1.82	0.14 U	0.11 U	0.16 U	0.50 U	--	0.14 U	0.73	2.61
9/21/09	4.18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.63	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	1.21	1.39
7/28/10	5.00	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	3.00	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	2.00	1.00
9/21/10	4.51	2.00 U	2.00 U	2.00 U	0.70 J	2.00 U	3.46	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	1.46 J	1.64 J
4/21/11	1.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/11	1.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/12	5.40	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.10	1.00 U
9/12/12	6.40	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U
3/26/13	6.13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.61	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.27	1.00 U
9/12/13	4.30	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.27	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.23	1.00 U
3/11/14	7.28	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.82	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.69	1.00 U
9/3/14	8.46	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.95	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.82	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB12 - Volatile Organic Compounds

Printed 5/25/22

	1,4-Dichlorobenzene (ug/L)	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)
3/23/15	6.36	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.73	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.65	1.00 U
9/2/15	10.00	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.41	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.38	1.00 U
3/23/16	9.23	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.23	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.40	1.00 U
8/29/16	8.06	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.95	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.02	1.00 U
3/8/17	10.30	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	4.96	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.57	1.00 U
9/18/17	8.53	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.73	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.18	1.00 U
4/3/18	8.21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.66	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.25	1.00 U
9/11/18	8.09	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.30	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	3.44	1.00 U
4/10/19	7.40	5.00 U	5.00 U	5.00 U	9.00	5.00 U	3.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.70	1.00 U
8/6/19	11.30	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.90	1.00 U
3/11/20	9.30	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.50	1.00 U
8/3/20	12.30	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.40	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.80	1.00 U
3/29/21	11.00	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.70	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.80	1.00 U
9/3/21	13.50	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.10	1.00 U
3/30/22	12.10	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	3.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.00	1.00 U

Gude Landfill
Monitoring Location OB12 - Volatile Organic Compounds

Printed 5/25/22

	Chloroform (ug/L)	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)
MCL/ GWPS	80		70		80	700	10000				5	10000	100	5
4/6/05	0.27 U	0.25 U	5.03	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	1.00	0.18 U	0.25 U	4.85
9/21/05	0.27 U	0.25 U	11.79	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	7.22	0.18 U	0.25 U	12.43
4/5/06	0.27 U	0.25 U	7.57	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	1.00 U	0.18 U	0.25 U	5.03
9/26/06	0.27 U	0.25 U	18.10	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	12.30	0.18 U	0.25 U	21.98
4/18/07	0.27 U	0.25 U	22.60	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	1.72	0.18 U	0.25 U	1.00 U
10/4/07	0.27 U	0.25 U	25.91	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	6.16	1.00 U	0.25 U	23.67
3/25/08	0.21 U	0.50 U	25.54	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.15 U	9.35	0.22 U	0.20 U	16.57
9/24/08	0.12 U	0.20 U	26.92	0.12 U	0.13 U	0.12 U	0.23 U	--	5.00 U	0.20 U	6.24	0.11 U	0.11 U	21.49
3/10/09	0.12 U	0.20 U	26.86	0.12 U	0.13 U	0.12 U	0.23 U	--	5.00 U	0.20 U	4.91	0.11 U	0.11 U	7.95
9/21/09	1.00 U	1.00 U	21.40	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	0.66 J	1.00 U	8.27	1.00 U	1.00 U	15.40
7/28/10	1.00 U	1.00 U	29.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	9.00	1.00 U	1.00 U	29.00
9/21/10	2.00 U	2.00 U	26.20	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	0.85 J	2.00 U	8.19	2.00 U	2.00 U	17.10
4/21/11	1.00 U	2.10	14.00	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	10.00	--	1.00 U	12.00
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.80
3/7/12	1.00 U	1.00 U	23.00	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.90	--	1.00 U	22.00
9/12/12	1.00 U	1.00 U	32.10	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	5.01	1.00 U	1.00 U	26.50
3/26/13	1.00 U	1.00 U	22.50	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	7.93	1.00 U	1.00 U	22.30
9/12/13	1.00 U	1.00 U	30.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	14.40
3/11/14	1.00 U	1.00 U	24.90	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	6.30	1.00 U	1.00 U	20.80
9/3/14	1.00 U	1.00 U	31.30	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	4.44	1.00 U	1.00 U	18.50

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB12 - Volatile Organic Compounds

Printed 5/25/22

	Chloroform (ug/L)	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)
3/23/15	1.00 U	1.00 U	24.50	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	5.34	1.00 U	1.00 U	15.60
9/2/15	1.00 U	1.00 U	43.20	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	4.73	1.00 U	1.00 U	26.20
3/23/16	1.00 U	1.00 U	31.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	5.34	1.00 U	1.00 U	20.70
8/29/16	1.00 U	1.00 U	38.40	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	3.84	1.00 U	1.00 U	17.80
3/8/17	1.00 U	1.00 U	47.40	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	5.76	1.00 U	1.00 U	22.40
9/18/17	1.00 U	1.00 U	43.70	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	4.08	1.00 U	1.00 U	21.20
4/3/18	1.00 U	1.00 U	33.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	4.37	1.00 U	1.00 U	18.20
9/11/18	1.00 U	1.00 U	34.50	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	3.25	1.00 U	1.00 U	15.80
4/10/19	1.00 U	1.00 U	27.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.10	1.00 U	1.00 U	13.00
8/6/19	1.00 U	1.00 U	44.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	3.20 J	1.00 U	1.00 U	16.20
3/11/20	1.00 U	1.00 U	34.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	3.60	1.00 U	1.00 U	14.80
8/3/20	1.00 U	1.00 U	47.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 J	1.00 U	3.10	1.00 U	1.00 U	17.00
3/29/21	1.00 U	1.00 U	37.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	3.00	1.00 U	1.00 U	14.60
9/3/21	1.00 U	1.00 U	48.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.20	1.00 U	1.00 U	20.80
3/30/22	1.00 U	1.00 U	41.50	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10	1.00 U	3.50 L	1.00 U	1.00 U	14.80

Gude Landfill Monitoring Location OB12 - Volatile Organic Compounds

	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS	1000	100			5			2	10000
4/6/05	1.00 U	0.45 U	0.24 U	1.00 U	10.18	0.36 U	--	1.01	--
9/21/05	0.32 U	1.00 U	0.24 U	0.30 U	14.72	2.57	--	1.80	--
4/5/06	0.32 U	0.45 U	0.24 U	0.30 U	13.99	0.36 U	--	1.00 U	--
9/26/06	0.32 U	1.38	0.24 U	0.30 U	17.23	2.26	--	6.32	--
4/18/07	0.32 U	1.00 U	0.24 U	0.30 U	0.31 U	0.36 U	--	1.54	--
10/4/07	1.00 U	2.68	0.24 U	0.30 U	24.95	3.46	--	2.90	--
3/25/08	0.28 U	1.42	0.08 U	--	12.65	1.91	--	6.72	--
9/24/08	0.50 U	1.52	0.13 U	--	18.35	1.78	--	3.97	--
3/10/09	0.50 U	1.23	0.13 U	--	6.22	0.80	--	6.99	--
9/21/09	1.00 U	1.91	1.00 U	1.00 U	18.10	2.42	--	6.30	--
7/28/10	1.00 U	2.00	1.00 U	5.00 U	22.00	1.00 U	1.00 U	4.00	--
9/21/10	2.00 U	2.44	2.00 U	2.00 U	20.30	3.80	2.00 U	6.22	--
4/21/11	1.00 U	1.80	1.00 U	5.00 U	9.40	4.50	6.60	1.00 U	1.00 U
9/6/11	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/12	1.00 U	2.50	1.00 U	5.00 U	17.00	2.20	1.00 U	6.40	1.00 U
9/12/12	1.00 U	1.00 U	1.00 U	5.00 U	24.90	1.00 U	5.00 U	1.00 U	--
3/26/13	1.00 U	2.55	1.00 U	5.00 U	16.70	2.17	5.00 U	6.64	--
9/12/13	1.00 U	2.09	1.00 U	5.00 U	16.00	1.74	5.00 U	2.95	--
3/11/14	1.00 U	2.81	1.00 U	5.00 U	16.70	1.87	5.00 U	5.70	--
9/3/14	1.00 U	2.91	1.00 U	5.00 U	18.30	2.21	5.00 U	5.66	--

Gude Landfill
Monitoring Location OB12 - Volatile Organic Compounds

Printed 5/25/22

	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
3/23/15	1.00 U	2.50	1.00 U	5.00 U	15.00	1.47	5.00 U	5.76	--
9/2/15	1.00 U	2.65	1.00 U	5.00 U	28.90	2.47	5.00 U	3.84	--
3/23/16	1.00 U	3.13	1.00 U	5.00 U	19.70	1.92	5.00 U	6.39	--
8/29/16	1.00 U	2.51	1.00 U	5.00 U	20.30	2.09	5.00 U	3.88	--
3/8/17	1.00 U	3.69	1.00 U	5.00 U	15.40	2.54	5.00 U	5.80	--
9/18/17	1.00 U	2.52	1.00 U	5.00 U	21.30	2.29	5.00 U	3.38	--
4/3/18	1.00 U	2.69	1.00 U	5.00 U	17.70	1.73	5.00 U	4.14	--
9/11/18	1.00 U	2.71	1.00 U	5.00 U	17.40	2.48	5.00 U	4.56	--
4/10/19	1.00 U	3.20	1.00 U	1.00 U	12.30	1.10	1.00 U	7.10	--
8/6/19	1.00 U	2.60	1.00 U	1.00 U	16.00	1.50	1.00 U	6.20	--
3/11/20	1.00 U	3.00	1.00 U	1.00 U	14.90	1.50	1.00 U	8.40	--
8/3/20	1.00 U	2.80	1.00 U	1.00 U	17.40	1.70	1.00 U	7.00	--
3/29/21	1.00 U	3.20	1.00 U	1.00 U	13.90	1.40	1.00 U	9.50	--
9/3/21	1.00 U	2.40	1.00 U	1.00 U	18.40	1.80	1.00 U	6.00	--
3/30/22	1.00 U	3.40	1.00 U	1.00 U	14.60	1.30	1.00 U	9.10	--

Gude Landfill
Monitoring Location OB015 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/21/11	0.005 U	0.005 U	0.072	0.005 U	0.005 U	14.5	0.01 U	0.01 U	0.005 U	1.9	0.005 U	18.2	1.580	0.0002 U
9/6/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/7/12	0.005 U	0.005 U	0.079	0.005 U	0.005 U	17.9	0.01 U	0.01	0.005 U	11.8	0.005 U	20.6	1.620	0.0002 U
9/12/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/26/13	0.005 U	0.005 U	0.071	0.005 U	0.005 U	14.1	0.01 U	0.01 U	0.011	0.2 U	0.005 U	15.8	0.164	0.0002 U
9/16/13	0.005 U	0.005 U	0.065	0.005 U	0.005 U	16.1	0.01 U	0.01	0.005 U	15.2	0.005 U	16.9	1.100	0.0002 U
3/11/14	0.005 U	0.005 U	0.063	0.005 U	0.005 U	13.4	0.01 U	0.01 U	0.005 U	0.8	0.005 U	17.1	0.161	0.0002 U
9/3/14	0.005 U	0.005 U	0.077	0.005 U	0.005 U	13.3	0.01 U	0.02	0.005 U	11.3	0.005 U	15.4	0.705	0.0002 U
3/23/15	0.002 U	0.002 U	0.053	0.002 U	0.004 U	9.3	0.01 U	0.01 U	0.010 U	0.0 U	0.002 U	14.0	0.027	0.0002 U
9/2/15	0.001 U	0.001 U	0.060	0.001 U	0.001 U	11.0	0.01 U	0.01	0.005 U	13.0	0.001 U	15.0	0.490	0.0002 U
3/23/16	0.002 U	0.002 U	0.056	0.002 U	0.002 U	10.6	0.00 U	0.00 U	0.002 U	0.2 U	0.002 U	15.8	0.074	0.0002 U
8/30/16	0.002 U	0.002 U	0.067	0.002 U	0.002 U	13.2	0.00 U	0.01	0.003	8.1	0.002 U	16.3	0.872	0.0002 U
3/8/17	0.002 U	0.002 U	0.096	0.002 U	0.002 U	23.0	0.00 U	0.00	0.017	9.9	0.002 U	25.1	1.690	0.0002 U
9/18/17	0.002 U	0.002 U	0.079	0.002 U	0.002 U	18.4	0.00 U	0.00	0.002 U	8.7	0.002 U	19.2	0.949	0.0002 U
4/3/18	0.002 U	0.002 U	0.067	0.002 U	0.002 U	14.5	0.00	0.00 U	0.002 U	0.4	0.002 U	16.5	0.186	0.0002 U
9/11/18	0.002 U	0.002 U	0.052	0.002 U	0.002 U	10.2	0.00 U	0.00 U	0.002 U	0.7	0.002 U	13.2	0.061	0.0002 U

Gude Landfill

Monitoring Location OB015 - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/21/11	0.01	1.9	0.005 U	0.01 U	29.2	0.005 U	0.01 U	0.033
9/6/11	0.01	--	--	--	--	--	--	--
3/7/12	0.02	2.2	0.005 U	0.01 U	40.3	0.005 U	0.01 U	0.072
9/12/12	0.02	--	--	--	--	--	--	--
3/26/13	0.01	2.2	0.005 U	0.01 U	25.9	0.005 U	0.01 U	0.138
9/16/13	0.01	2.1	0.005 U	0.01 U	51.7	0.005 U	0.01 U	0.058
3/11/14	0.01	1.9	0.005 U	0.01 U	17.6	0.005 U	0.01 U	0.053
9/3/14	0.01	1.9	0.005 U	0.01 U	28.9	0.005 U	--	0.070
3/23/15	0.01 J	1.7	0.035 U	0.01 U	20.0	0.002 U	0.01 U	0.036
9/2/15	0.01 U	2.0	0.005 U	0.00 U	41.0	0.001 U	0.01 U	0.070
3/23/16	0.01	1.4	0.002 U	0.00 U	17.1	0.001 U	0.00 U	0.035
8/30/16	0.01	1.8	0.002 U	0.00 U	49.3	0.001 U	0.00 U	0.047
3/8/17	0.02	2.2	0.002 U	0.00 U	94.0	0.001 U	0.00 U	0.029
9/18/17	0.01	2.0	0.002 U	0.00 U	75.8	0.001 U	0.00 U	0.013
4/3/18	0.00	1.9	0.002 U	0.00 U	70.0	0.001 U	0.00 U	0.015
9/11/18	0.00	1.7	0.002 U	0.00 U	34.0	0.001 U	0.00 U	0.016

Gude Landfill
Monitoring Location OB015 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
MCL/ GWPS					0.2			10		1				
5/1/01	--	--	--	9.1803	0.002	--	--	--	--	--	--	--	--	--
9/5/01	--	--	--	7.2977	0.004	--	--	--	--	--	--	--	--	--
3/13/02	--	--	--	20.6060	0.006	--	--	--	--	--	--	--	--	--
9/16/02	--	--	--	58.4814	0.001	--	--	--	--	--	--	--	--	--
6/3/03	--	--	--	2.5623	0.002 U	--	--	--	--	--	--	--	--	0.018
10/9/03	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.056
3/30/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.010 U
9/20/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.105
4/6/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.010 U
4/5/06	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.024
9/26/06	--	--	--	--	0.001	--	--	--	--	--	--	--	--	0.060
4/18/07	--	--	--	--	0.064	--	--	--	--	--	--	--	--	0.029
10/3/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	--
3/25/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/21/09	242.0	0.65	49.3	3.1600	--	--	600.0	0.2000 U	--	--	--	--	--	--
7/28/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/21/10	230.0	0.29	11.2	7.7300	--	--	165.0	0.0080 U	0.20 U	0.05 U	--	--	--	--
4/21/11	74.0	0.20 U	10.0 U	4.6100	--	--	114.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/6/11	228.0	0.31	27.3	10.0000	--	--	156.0	0.2000 U	0.20 U	0.05 U	--	--	--	--

Gude Landfill
Monitoring Location OB015 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
3/7/12	51.0	0.20 U	10.0 U	3.9500	--	--	140.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
9/12/12	226.0	0.27	17.8	11.9000	--	--	120.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/26/13	33.0	0.20 U	10.0 U	4.7300	--	0.63	94.0	0.2920	0.30	0.05 U	406.0	5.78	--	--
9/16/13	151.0	0.20 U	10.0 U	10.8000	--	--	120.0	0.2000 U	0.20 U	0.05 U	--	--	--	--
3/11/14	29.0	0.20 U	10.0 U	4.0400	--	0.67	96.0	0.6780	--	--	386.0	5.40	--	--
9/3/14	91.0	0.20 U	11.4	10.3000	--	--	102.0	0.2000 U	0.20 U	0.05 U	292.0	6.03	--	--
3/23/15	33.0	0.20 U	10.0 U	5.9600	--	0.00	112.0	1.7800	1.83	0.05 U	374.0	6.26	--	--
9/2/15	88.0	0.20 U	10.0 U	9.0100	--	1.80	320.0	0.2000 U	0.20 U	0.05 U	159.0	6.04	--	--
3/23/16	36.0	0.20 U	10.0 U	7.1400	--	0.00	92.0	5.1850	5.32	0.14	299.0	5.98	--	--
8/30/16	151.0	0.20 U	10.0 U	12.3000	--	2.18	140.0	0.2000 U	0.20 U	0.05 U	209.0	5.84	--	--
3/8/17	270.0	0.20 U	10.0 U	17.9000	--	--	340.0	0.2000 U	0.20 U	0.05 U	156.0	6.28	--	--
9/18/17	242.0	0.20 U	10.0 U	16.5000	--	--	142.0	0.2000 U	0.20 U	0.05 U	177.0	6.39	--	--
4/3/18	177.0	0.20 U	10.0 U	14.3000	--	0.16	111.0	0.2830	0.29	0.05 U	128.0	6.24	--	--
9/11/18	82.7	0.20 U	18.7	11.4000	--	--	87.2	0.2000 U	0.20 U	0.05 U	134.0	5.79	--	--
4/10/19	50.9	0.18	3.0 J	7.1000	--	0.79	134.0 B	0.5000	--	--	115.7	5.43	5.61	--
8/6/19	82.7	0.10 U	3.0 U	10.3000	--	1.42	91.7	0.6000	--	--	137.9	5.56	6.45	--
3/11/20	94.8	0.10 U	3.0 U	9.8000	--	0.71	92.8	1.2700	--	--	107.4	6.00	6.18	--
8/3/20	63.1	0.10 U	8.9	8.3000	--	1.10	105.0	0.7800	--	--	118.0	5.73	5.76	--
3/29/21	60.0	0.10 U	3.0 U	5.9200	--	0.18	109.0	0.2450	--	--	136.3	5.53	5.76	--
9/3/21	117.0	0.05 U	12.0	8.5400	--	4.02	96.3	1.0100	--	--	48.1	6.28	6.10	--
3/30/22	112.0	0.02 U	3.0 U	9.8200	--	1.92	89.9	1.0800	--	--	58.2	6.19	6.37	--

Gude Landfill Monitoring Location OB015 - General Parameters

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS										
5/1/01	--	--	--	--	--	--	--	--	280.000	--
9/5/01	--	--	--	--	--	--	--	--	255.000	--
3/13/02	--	--	--	--	--	--	--	--	102.000	--
9/16/02	--	--	--	--	--	--	--	--	592.000	--
6/3/03	--	--	--	--	--	--	0	--	167.000	--
10/9/03	--	--	--	--	--	--	0 U	--	--	--
3/30/04	--	--	--	--	--	--	0 U	--	--	--
9/20/04	--	--	--	--	--	--	0 U	--	--	--
4/6/05	--	--	--	--	--	--	0	--	--	--
4/5/06	--	--	--	--	--	--	0	--	--	--
9/26/06	--	--	--	--	--	--	0	--	--	--
4/18/07	--	--	--	--	--	--	0 U	--	--	--
10/3/07	--	--	--	--	--	--	0 U	--	--	--
3/25/08	--	--	--	--	--	--	0 U	--	--	--
9/21/09	--	--	78.60	--	--	328.0	--	--	125.000	--
7/28/10	--	--	--	3.0 U	--	--	--	--	--	--
9/21/10	--	--	56.50	--	--	324.0	--	--	25.400	--
4/21/11	--	--	78.90	--	--	420.0	--	--	96.800	--
9/6/11	--	--	49.20	--	--	528.0	--	--	--	--

Gude Landfill
Monitoring Location OB015 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
3/7/12	--	--	93.20	--	--	272.0	--	--	--	--
9/12/12	--	--	37.90	--	--	308.0	--	--	--	--
3/26/13	329.0	--	92.80	--	15.1	184.0	--	--	--	46.80
9/16/13	--	--	63.30	--	--	244.0	--	--	--	--
3/11/14	236.8	--	91.80	--	15.4	164.0	--	--	--	33.00
9/3/14	248.6	--	69.10	--	15.7	198.0	--	--	--	48.10
3/23/15	202.3	--	79.00	--	7.3	192.0	--	--	--	22.10
9/2/15	324.7	--	64.20	--	21.2	133.0	--	--	--	31.60
3/23/16	253.7	--	60.60	--	18.2	168.0	--	--	--	22.90
8/30/16	323.4	--	65.10	--	24.9	219.0	--	--	--	32.30
3/8/17	633.5	--	68.10	--	16.3	315.0	--	--	--	6.00
9/18/17	590.0	--	67.60	--	20.0	377.0	--	--	--	49.00
4/3/18	451.6	--	52.30	--	13.7	287.0	--	--	--	30.80
9/11/18	307.9	--	4.91	--	19.9	117.0	--	--	--	26.20
4/10/19	366.7	303.0	91.00	--	17.0	186.0	--	2.7 U	4.530	4.40
8/6/19	0.3	325.0	74.40	--	20.5	197.0	--	23.4	28.800	281.12
3/11/20	311.4	331.0	57.90	--	15.2	151.0	--	2.3 U	4.660	4.90
8/3/20	281.1	307.0	58.40	--	18.9	185.0	--	18.8	31.200 O-	48.20
3/29/21	294.5	303.0	84.70	--	18.1	120.0	--	3.3	7.320	11.30
9/3/21	328.7	368.0	57.90	--	16.8	214.0 B	--	24.3	27.700	28.50
3/30/22	367.8	379.8	59.00	--	16.9	214.0	--	10.1	16.600	19.15

Gude Landfill
Monitoring Location OB015 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
5/1/01	0.0007 U	0.0020 U	0.0443	0.0005 U	--	0.0006 U	--	0.0034	0.0034	0.0100 U	--	0.00250
9/5/01	0.0020 U	0.0105	0.0795	0.0017 U	--	0.0020 U	--	0.0200	0.0155	0.0497	--	0.04130
3/13/02	0.0005 U	0.0020 U	0.0487	0.0017 U	--	0.0006 U	--	0.0034	0.0061	0.0133	--	0.00310
9/16/02	0.0007 U	0.0310	0.9000	0.0090	--	0.0150	--	0.4250	0.2930	0.7730	--	0.29900
6/3/03	0.0007 U	0.0020 U	0.1019	0.0004 U	--	0.0020 U	--	0.0047	0.0242	0.0213	--	0.00600
10/9/03	0.0045 U	0.0040 U	0.0999	0.0080 U	--	0.0035 U	--	0.0100 U	0.0213	0.0500 U	--	0.01000 U
3/30/04	0.0009 U	0.0008 U	0.1026	0.0016 U	--	0.0007 U	--	0.0020 U	0.0217	0.0113	--	0.00260
9/20/04	0.0028 U	0.0031	0.3716	0.0039	--	0.0020 U	--	0.1041	0.0583	0.0416	--	0.02420
4/6/05	0.0028 U	0.0006 U	0.0852	0.0012 U	--	0.0003 U	--	0.0020 U	0.0219	0.0153	--	0.00200 U
4/5/06	0.0006 U	0.0020 U	0.0991	0.0007 U	--	0.0020 U	--	0.0090	0.0163	0.0267	--	0.00880
9/26/06	0.0140 U	0.0400 U	0.3997	0.0180 U	--	0.0120 U	--	0.3214	0.2322	0.5593	--	0.17470
4/18/07	0.0007 U	0.0008 U	0.0364	0.0009 U	0.045	--	--	0.0007 U	0.0020 U	0.0061	--	0.00200 U
10/3/07	0.0070 U	0.0080 U	0.2282	0.0090 U	0.200 U	--	--	0.0521	0.0599	0.1171	--	0.04090
3/25/08	0.0005 U	0.0006 U	0.0856	0.0010 U	0.037	--	--	0.0020 U	0.0095	0.0067	--	0.00200 U
3/10/09	0.0010 U	0.0010 U	0.0881	0.0012 U	0.054	--	--	0.0100 U	0.0134	0.0100 U	--	0.01000 U
9/21/09	0.0020 U	0.0069	0.1190	0.0020 U	--	0.0042	29.50	0.0190	0.0273	0.0475	54.9000	0.01700
7/28/10	0.0010 U	0.0015	0.0720	0.0010 U	--	0.0010 U	--	0.0035	0.0068	0.0022	--	0.00070 J
9/21/10	0.0050 U	0.0050 U	0.0785	0.0050 U	--	0.0050 U	18.00	0.0050 U	0.0050 U	0.0083	27.3000	0.00500 U
4/21/11	0.0050 U	0.0050 U	0.0857	0.0050 U	--	0.0050 U	14.80 J	0.0053	0.0072	0.0119	9.2400	0.00500 U
9/6/11	0.0050 U	0.0050 U	0.0919	0.0050 U	--	0.0050 U	21.60	0.0050 U	0.0062	0.0094	39.4000	0.00500 U
3/7/12	0.0050 U	0.0050 U	0.0722	0.0050 U	--	0.0050 U	16.50	0.0050 U	0.0050 U	0.0066	6.6000	0.00500 U
9/12/12	0.0050 U	0.0070	0.0923	0.0050 U	--	0.0050 U	18.30	0.0114	0.0165	0.0408	47.8000	0.00794
3/26/13	0.0050 U	0.0050 U	0.0709	0.0050 U	--	0.0050 U	12.90	0.0050 U	0.0050 U	0.0100	2.8500	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB015 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
9/16/13	0.0050 U	0.0050 U	0.0624	0.0050 U	--	0.0050 U	16.80	0.0050 U	0.0116	0.0059	17.3000	0.00500 U
3/11/14	0.0050 U	0.0050 U	0.0635	0.0050 U	--	0.0050 U	12.00	0.0050 U	0.0050 U	0.0069	1.9800	0.00500 U
9/3/14	0.0050 U	0.0050 U	0.0944	0.0050 U	--	0.0050 U	11.60	0.0096	0.0174	0.0281	52.5000	0.00818
3/23/15	0.0020 U	0.0020 U	0.0510	0.0020 U	--	0.0040 U	9.50	0.0100 U	0.0100 U	0.0018 J	1.9000	0.00200 U
9/2/15	0.0010 U	0.0011	0.0630	0.0013	--	0.0005 U	10.00	0.0050 U	0.0092	0.0050 U	24.0000	0.00150
3/23/16	0.0050 U	0.0050 U	0.0656	0.0050 U	--	0.0050 U	13.30	0.0050 U	0.0050 U	0.0050 U	1.6900	0.00500 U
8/30/16	0.0020 U	0.0020 U	0.0704	0.0020 U	--	0.0020 U	12.40	0.0020 U	0.0104	0.0056	22.4000	0.00200 U
3/8/17	0.0020 U	0.0020 U	0.0944	0.0020 U	--	0.0020 U	22.60	0.0034	0.0049	0.0194	9.9600	0.00200 U
9/18/17	0.0050 U	0.0050 U	0.0948	0.0050 U	--	0.0050 U	21.10	0.0050 U	0.0050 U	0.0080	18.5000	0.00500 U
4/3/18	0.0020 U	0.0020 U	0.0669	0.0020 U	--	0.0020 U	15.50	0.0026	0.0020 U	0.0020 U	1.3200	0.00200 U
9/11/18	0.0050 U	0.0050 U	0.0280	0.0050 U	--	0.0050 U	24.60	0.0050 U	0.0050 U	0.0050 U	0.4830	0.00500 U
4/10/19	0.0010 U	0.0010 U	0.0875	0.0010 U	--	0.0010 U	11.70 B	0.0013	0.0052	0.0010 U	0.7130	0.00100 U
8/6/19	0.0010 U	0.0010 U	0.0591	0.0010 U	--	0.0010 U	9.21	0.0098	0.0010 U	0.0039 B	2.9800	0.00100 U
3/11/20	0.0010 U	0.0010 U	0.0583	0.0010 U	--	0.0010 U	9.12	0.0011	0.0010 U	0.0010 U	0.7790	0.00100 U
8/3/20	0.0010 U	0.0010 U	0.0657	0.0010 U	--	0.0010 U	9.83	0.0038	0.0010 U	0.0040	5.8200	0.00100 U
3/29/21	0.0010 U	0.0010 U	0.0680	0.0010 U	--	0.0010 U	9.86	0.0010 U	0.0017	0.0010 U	1.1400	0.00100 U
9/3/21	0.0010 U	0.0010 U	0.0572	0.0010 U	--	0.0010 U	9.89	0.0035	0.0011	0.0028	3.4600	0.00100 U
3/30/22	0.0010 U	0.0010 U	0.0480	0.0010 U	--	0.0010 U	10.10	0.0020	0.0010 U	0.0025	1.3600	0.00100 U

Gude Landfill
Monitoring Location OB015 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002			
5/1/01	--	0.46530	0.000100 U	0.0061	--	0.00180 U	0.0052 U	--	0.0009 U	0.2000 U	0.00200 U	--
9/5/01	--	1.03500	0.000100 U	0.0255	--	0.00090 U	0.0044 U	--	0.0009 U	0.2000 U	0.00600	--
3/13/02	--	0.70070	0.000100 U	0.0100 U	--	0.00090 U	0.0044 U	--	0.0009 U	0.2000 U	0.00200 U	--
9/16/02	--	7.31100	0.000600	0.6290	--	0.00120 U	0.0096 U	--	0.0010 U	0.0259	0.19800	--
6/3/03	--	5.64200	0.000200 U	0.0234	--	0.00120 U	0.0096 U	--	0.0010 U	0.0020 U	0.00290	--
10/9/03	--	3.50000	0.000200 U	0.0288	--	0.00350 U	0.0110 U	--	0.0020 U	0.0020 U	0.01000 U	--
3/30/04	--	0.02000 U	0.000200 U	0.0206	--	0.00070 U	0.0022 U	--	0.0004 U	0.0020 U	0.00200 U	--
9/20/04	--	6.42200	0.000200 U	0.1422	--	0.01340	0.0018 U	--	0.0006 U	0.0020 U	0.03900	--
4/6/05	--	4.44000	0.000200 U	0.0197	--	0.00200 U	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U	--
4/5/06	--	0.00200 U	0.000100 U	0.0259	--	0.00150 U	0.0004 U	--	0.0004 U	0.0050 U	0.00320	--
9/26/06	--	9.22350	0.000300	0.4895	--	0.04000 U	--	--	0.0140 U	0.0233	0.14770	--
4/18/07	--	--	0.000200 U	0.0086	--	0.00080 U	0.0005 U	--	0.0007 U	0.0500 U	0.00200 U	0.00810
10/3/07	--	--	0.000200 U	0.1120	--	0.00800 U	0.0050 U	--	0.0070 U	0.0020 U	0.02820	1.21550
3/25/08	--	--	0.000200 U	0.0084	--	0.00090 U	0.0008 U	--	0.0006 U	0.0500 U	0.00060 U	0.02200
3/10/09	--	--	0.000200 U	0.0157	--	0.00120 U	0.0043 U	--	0.0008 U	0.0011 U	0.01000 U	0.09550
9/21/09	23.200	5.73000	0.000200 U	0.0473	3.150	0.00200 U	0.0020 U	35.00	0.0020 U	--	0.00520	0.69800
7/28/10	--	--	0.000200 U	0.0100	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U	0.02000
9/21/10	17.400	3.87000	0.000200 U	0.0098	2.180	0.00500 U	0.0050 U	53.30	0.0050 U	--	0.00500 U	0.02120
4/21/11	22.000 J	1.78000	0.000200 U	0.0149	2.290	0.00500 U	0.0050 U	36.10 J	0.0050 U	--	0.00500 U	0.05440
9/6/11	21.600	3.27000	0.000200 U	--	2.460	0.00500 U	0.0050 U	59.10	0.0050 U	--	0.00500 U	0.06680
3/7/12	21.300	1.28000	0.000200 U	0.0144	2.120	0.00500 U	0.0050 U	29.20	0.0050 U	--	0.00500 U	0.09660
9/12/12	17.400	2.50000	0.000200 U	--	2.320	0.00500 U	0.0050 U	62.50	0.0050 U	--	0.00500 U	0.39700
3/26/13	16.000	0.16300	0.000200 U	0.0143	2.040	0.00500 U	0.0050 U	26.10	0.0050 U	--	0.00500 U	0.13600

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB015 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
9/16/13	17.300	1.10000	0.000200 U	0.0087	2.070	0.00500 U	0.0050 U	50.60	0.0050 U	--	0.00500 U	0.05160
3/11/14	14.500	0.13000	0.000200 U	0.0115	1.840	0.00500 U	0.0050 U	17.30	0.0050 U	--	0.00500 U	0.07230
9/3/14	14.500	0.63900	0.000200 U	0.0214	1.800	0.00500 U	0.0050 U	30.60	0.0050 U	--	0.00500 U	0.18300
3/23/15	15.000	0.02800	0.000200 U	0.0061 J	1.700	0.03500 U	0.0100 U	20.00	0.0020 U	--	0.01000 U	0.03400
9/2/15	14.000	0.72000	0.000200 U	0.0100 U	1.900	0.00500 U	0.0010 U	34.00	0.0010 U	--	0.00500 U	0.08300
3/23/16	19.500	0.08510	0.000200 U	0.0119	1.820	0.00500 U	0.0050 U	22.00	0.0050 U	--	0.00500 U	0.04340
8/30/16	15.900	0.81600	0.000200 U	0.0130	1.740	0.00200 U	0.0020 U	42.40	0.0010 U	--	0.00200 U	0.08660
3/8/17	25.000	1.74000	0.000200 U	0.0180	2.210	0.00200 U	0.0020 U	92.40	0.0010 U	--	0.00200 U	0.04390
9/18/17	21.000	1.26000	0.000200 U	0.0076	2.050	0.00500 U	0.0050 U	88.10	0.0050 U	--	0.00500 U	0.04990
4/3/18	17.500	0.14400	0.000200 U	0.0049	1.940	0.00200 U	0.0020 U	73.80	0.0010 U	--	0.00200 U	0.01610
9/11/18	6.250	0.08350	0.000200 U	0.0050 U	3.820	0.00500 U	0.0050 U	9.03	0.0050 U	--	0.00500 U	0.00580
4/10/19	25.400	1.92000	0.000100 U	0.0343	1.980	0.00100 U	0.0010 U	8.44	0.0010 U	--	0.00100 U	0.06130
8/6/19	16.700	0.06640	0.000100 U	0.0087	1.770	0.00100 U	0.0010 U	32.70	0.0010 U	--	0.00100 U	0.02960 B
3/11/20	17.000	0.44800	0.000100 U	0.0101	1.780	0.00100 U	0.0010 U	39.90	0.0010 U	--	0.00100 U	0.02030
8/3/20	19.400	0.06620	0.000100 U	0.0082	1.880	0.00100 U	0.0010 U	24.60	0.0010 U	--	0.00100 U	0.02700
3/29/21	20.400	0.89700	0.000100 U	0.0152	1.700	0.00100 U	0.0010 U	12.80	0.0010 U	--	0.00100 U	0.03390
9/3/21	17.400	0.04120	0.000100 U	0.0044	1.860	0.00100 U	0.0010 U	43.00	0.0010 U	--	0.00100 U	0.01630
3/30/22	15.700	0.02040	0.000100 U	0.0010 U	1.780	0.00100 U	0.0010 U	46.90	0.0010 U	--	0.00100 U	0.00746

Gude Landfill
Monitoring Location OB015 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200		5		7			0.2	0.05	600	5	5			75
5/1/01	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/5/01	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
3/13/02	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/16/02	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
6/3/03	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
10/9/03	0.18 U	0.15 U	0.23 U	0.22 U	1.65	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	0.19 U	0.17 U	0.21 U	0.19 U	1.00 U
3/30/04	0.18 U	0.15 U	0.23 U	0.22 U	2.69	1.00 U	0.22 U	0.21 U	1.00 U	0.20 U	1.00 U	0.17 U	0.21 U	0.19 U	1.00 U
9/20/04	0.13 U	0.24 U	0.44 U	0.25 U	3.21	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/6/05	0.13 U	0.24 U	1.00 U	0.25 U	1.48	0.37 U	0.35 U	0.40 U	1.34	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/5/06	0.13 U	0.24 U	0.44 U	0.25 U	3.19	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/26/06	0.13 U	0.24 U	0.44 U	0.25 U	1.88	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	11.00 U	0.27 U	0.34 U	0.33 U	11.00 U
4/18/07	0.13 U	0.24 U	0.44 U	0.25 U	7.04	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
10/3/07	--	--	--	--	--	--	--	--	--	--	10.00 U	--	--	--	10.00 U
3/25/08	0.18 U	0.18 U	0.21 U	0.23 U	4.20	0.18 U	0.26 U	0.14 U	0.24 U	0.16 U	10.00 U	0.18 U	0.17 U	0.20 U	0.23 U
3/10/09	0.12 U	0.17 U	0.14 U	0.17 U	4.04	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	10.00 U	0.13 U	0.50 U	0.13 U	10.00 U
9/21/09	1.00 U	1.00 U	1.00 U	1.00 U	4.62	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.39 J	1.00 U	0.17 J
7/28/10	1.00 U	1.00 U	1.00 U	1.00 U	3.00	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/21/10	2.00 U	2.00 U	2.00 U	2.00 U	12.00	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/21/11	1.00 U	1.00 U	1.00 U	1.00 U	2.30	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB015 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)	
3/7/12	1.00 U	1.00 U	1.00 U	1.00 U	3.10	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/26/13	1.00 U	1.00 U	1.00 U	1.00 U	1.56	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/16/13	1.00 U	1.00 U	1.00 U	1.00 U	3.73	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/11/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/14	1.00 U	1.00 U	1.00 U	1.00 U	1.59	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/16	1.00 U	1.00 U	1.00 U	1.00 U	1.64	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/17	1.00 U	1.00 U	1.00 U	1.00 U	5.04	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.36	1.00 U	1.00 U
9/18/17	1.00 U	1.00 U	1.00 U	1.00 U	3.80	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.84	1.00 U	1.00 U
4/3/18	1.00 U	1.00 U	1.00 U	1.00 U	2.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/10/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/11/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB015 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
5/1/01	--	1.00 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
9/5/01	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	1.81	0.15 U	0.28 U	1.00 U	0.23 U
3/13/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	1.00 U	0.23 U
9/16/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	1.00 U	0.15 U	0.28 U	0.20 U	0.23 U
6/3/03	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	1.00 U	0.23 U
10/9/03	3.49	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	1.00 U	1.00 U	0.15 U	0.28 U	1.00 U	0.23 U
3/30/04	35.64	1.00 U	--	1.00 U	--	1.00 U	0.20 U	0.18 U	0.14 U	1.00 U	1.77	0.15 U	0.28 U	1.00 U	0.23 U
9/20/04	0.29 U	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/6/05	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	1.00 U	2.50 U	0.25 U	0.40 U	0.31 U	0.27 U
4/5/06	0.29 U	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/26/06	6.45	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	1.00 U	2.50 U	0.25 U	0.40 U	0.31 U	0.27 U
4/18/07	0.29 U	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	2.50 U	0.25 U	0.40 U	1.00 U	0.27 U
10/3/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/25/08	--	--	--	--	--	0.50 U	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	0.17 U	0.50 U	0.21 U
3/10/09	--	--	--	--	--	0.50 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.16 U	0.13 U	0.12 U
9/21/09	1.00 U	0.19 J	1.00 U	0.20 J	1.00 U	0.49 J	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	1.00 U	0.39 J	1.00 U
7/28/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/21/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	0.98 J	2.00 U
4/21/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB015 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
3/7/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/26/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/16/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/11/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/3/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/10/19	5.00 U	5.00 U	5.00 U	15.10	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/11/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB015 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
5/1/01	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
9/5/01	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	3.84	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
3/13/02	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
9/16/02	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	1.00 U	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
6/3/03	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
10/9/03	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	1.00 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
3/30/04	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	1.00 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	1.00 U	1.00 U
9/20/04	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/6/05	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
4/5/06	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	1.00 U
9/26/06	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/18/07	1.00 U	1.28	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	1.00 U
10/3/07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/25/08	0.15 U	1.10	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.15 U	0.12 U	0.22 U	0.20 U	0.20 U	0.28 U	0.50 U
3/10/09	0.20 U	1.17	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.16 U	0.12 U	0.50 U
9/21/09	1.00 U	1.51	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/28/10	1.00 U	0.90 J	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/21/10	2.00 U	1.02 J	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.54 J	2.00 U	2.00 U
4/21/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB015 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
3/7/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.10	1.00 U	1.00 U
9/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/26/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/16/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/11/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/16	1.00 U	1.02	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/17	1.00 U	3.27	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/17	1.00 U	3.21	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/3/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/10/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/6/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/11/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill Monitoring Location OB015 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
5/1/01	0.13 U	1.00 U	0.19 U	0.18 U	--	--	--
9/5/01	0.13 U	1.00 U	1.00 U	0.18 U	--	--	--
3/13/02	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
9/16/02	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
6/3/03	0.13 U	0.14 U	0.19 U	0.18 U	--	--	--
10/9/03	0.13 U	0.14 U	1.00 U	0.18 U	--	7.44	--
3/30/04	0.13 U	0.14 U	1.24	0.18 U	--	18.30	--
9/20/04	0.24 U	0.30 U	1.42	0.36 U	--	4.28	--
4/6/05	0.24 U	1.00 U	1.00 U	0.36 U	--	6.37	--
4/5/06	0.24 U	0.30 U	2.73	0.36 U	--	6.33	--
9/26/06	0.24 U	0.30 U	1.75	0.36 U	--	11.66	--
4/18/07	0.24 U	0.30 U	1.16	0.36 U	--	18.40	--
10/3/07	--	--	--	--	--	--	--
3/25/08	0.08 U	--	0.65	0.07 U	--	6.29	--
3/10/09	0.13 U	--	0.50 U	0.10 U	--	2.78	--
9/21/09	1.00 U	1.00 U	0.91 J	1.00 U	--	3.92	--
7/28/10	1.00 U	5.00 U	2.00	1.00 U	1.00 U	3.00	--
9/21/10	2.00 U	2.00 U	1.23 J	2.00 U	2.00 U	10.20	--
4/21/11	1.00 U	5.00 U	1.10	1.00 U	1.00 U	1.00 U	1.00 U
9/6/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB015 - Volatile Organic Compounds

Printed 5/25/22

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
3/7/12	1.00 U	5.00 U	2.20	1.00 U	1.00 U	1.90	1.00 U
9/12/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/26/13	1.00 U	5.00 U	1.18	1.00 U	5.00 U	1.00 U	--
9/16/13	1.00 U	5.00 U	2.11	1.00 U	5.00 U	1.87	--
3/11/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/3/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/23/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/2/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/23/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
8/30/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/8/17	1.00 U	5.00 U	1.70	1.00 U	5.00 U	1.00 U	--
9/18/17	1.00 U	5.00 U	1.73	1.00 U	5.00 U	1.17	--
4/3/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/10/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20	--
8/6/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/11/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/3/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/30/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location OB102 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/19/11	0.005 U	0.006	0.352	0.005 U	0.005 U	115.0	0.01 U	0.08	0.080	1.1	0.005 U	96.1	21.700	0.0002 U
9/7/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/6/12	0.005 U	0.005 U	0.344	0.005 U	0.005 U	115.0	0.01 U	0.07	0.045	0.6	0.005 U	96.1	21.100	0.0002 U
9/11/12	0.005 U	0.012	0.364	0.005 U	0.005 U	114.0	0.01 U	0.08	0.044	0.8	0.005 U	98.2	19.900	0.0002 U
3/21/13	0.010 U	0.012	0.398	0.010 U	0.010 U	116.0	0.01 U	0.08	0.049	0.8	0.005 U	102.0	20.500	0.0002 U
9/11/13	0.005 U	0.005	0.370	0.005 U	0.005 U	121.0	0.01 U	0.07	0.041	0.7	0.005 U	100.0	20.500	0.0002 U
3/24/14	0.005 U	0.005 U	0.351	0.005 U	0.005 U	114.0	0.01 U	0.07	0.036	0.2 U	0.005 U	96.3	18.200	0.0002 U
9/2/14	0.005 U	0.005	0.373	0.005 U	0.005 U	111.1	0.01 U	0.07	0.046	2.0 U	0.005 U	91.7	18.800	0.0002 U
3/17/15	0.002 U	0.008	0.360	0.002 U	0.001 J	120.0	0.01 U	0.07	0.032	0.0 U	0.002 U	97.0	19.000	0.0002 U
9/3/15	0.001 U	0.009	0.350	0.001 U	0.001 U	120.0	0.01 U	0.07	0.026	0.0 U	0.001 U	97.0	19.000	0.0002 U
3/17/16	0.005 U	0.005 U	0.412	0.005 U	0.005 U	--	0.01 U	0.08	0.041	--	0.005 U	--	17.700	0.0002 U
8/31/16	0.002 U	0.006	0.405	0.002 U	0.002 U	112.0	0.00	0.07	0.035	0.8	0.002 U	97.2	16.100	0.0002 U
3/7/17	0.005 U	0.005 U	0.407	0.005 U	0.005 U	119.0	0.01 U	0.07	0.041	1.0	0.005 U	99.4	16.600	0.0002 U
9/11/17	0.005 U	0.005 U	0.365	0.005 U	0.005 U	102.0	0.01 U	0.06	0.021	0.7	0.005 U	86.9	12.100	0.0002 U
4/4/18	0.002 U	0.007	0.349	0.002 U	0.002 U	93.7	0.02	0.06	0.021	0.1	0.002 U	82.4	12.700	0.0002 U
9/4/18	0.002 U	0.006	0.306	0.002 U	0.002 U	89.4	0.02	0.04	0.012	0.2	0.004 U	78.3	10.600	0.0002 U

Gude Landfill

Printed 5/25/22

Monitoring Location OB102 - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/19/11	0.10	37.3	0.026	0.01 U	582.0	0.005 U	0.01 U	0.013
9/7/11	0.09	--	--	--	--	--	--	--
3/6/12	0.09	39.0	0.016	0.01 U	508.0	0.005 U	0.01 U	0.013
9/11/12	0.10	42.1	0.039	0.01 U	532.0	0.005 U	0.01 U	0.013
3/21/13	0.11	47.2	0.043	0.01 U	545.0	0.005 U	0.01 U	0.015
9/11/13	0.09	48.3	0.020	0.01 U	499.0	0.005 U	0.01 U	0.011
3/24/14	0.09	43.7	0.015	0.01 U	522.0	0.005 U	0.01 U	0.012
9/2/14	0.09	43.6	0.021	0.01 U	529.0	0.005 U	0.01 U	0.016
3/17/15	0.10	51.0	0.022 J	0.01 U	490.0	0.002 U	0.01 U	0.009 J
9/3/15	0.09	49.0	0.024	0.00 U	510.0	0.001 U	0.01 U	0.009
3/17/16	0.10	64.0	0.017	0.01 U	--	0.005 U	0.01 U	0.012
8/31/16	0.09	50.1	0.020	0.00 U	527.4	0.001 U	0.00 U	0.007
3/7/17	0.09	52.7	0.015	0.01 U	532.0	0.005 U	0.01 U	0.011
9/11/17	0.08	53.6	0.010	0.01 U	466.0	0.005 U	0.01 U	0.045
4/4/18	0.08	52.5	0.017	0.00 U	467.0	0.001 U	0.00	0.009
9/4/18	0.07	53.8	0.018	0.00 U	437.0	0.002 U	0.00	0.008

Gude Landfill
Monitoring Location OB102 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
MCL/ GWPS					0.2			10		1			
5/1/01	--	--	--	187.8970	0.002	--	--	--	--	--	--	--	--
9/4/01	--	--	--	114.1510	0.003	--	--	--	--	--	--	--	--
3/12/02	--	--	--	447.9400	0.005	--	--	--	--	--	--	--	--
9/16/02	--	--	--	550.9640	0.003	--	--	--	--	--	--	--	--
6/2/03	--	--	--	82.9571	0.005 U	--	--	--	--	--	--	--	--
10/8/03	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--
3/24/04	--	--	--	--	0.007	--	--	--	--	--	--	--	--
9/21/04	--	--	--	--	0.006	--	--	--	--	--	--	--	--
4/6/05	--	--	--	--	0.005	--	--	--	--	--	--	--	--
9/21/05	--	--	--	--	0.007	--	--	--	--	--	--	--	--
4/5/06	--	--	--	--	0.037	--	--	--	--	--	--	--	--
9/26/06	--	--	--	--	0.002	--	--	--	--	--	--	--	--
4/17/07	--	--	--	--	0.015	--	--	--	--	--	--	--	--
10/2/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
3/25/08	--	--	--	--	--	--	--	--	--	--	--	--	--
9/23/08	--	--	--	--	--	--	--	--	--	--	--	--	--
9/21/09	1140.0	11.20	262.0	560.0000	--	--	810.0	0.2000 U	--	--	--	--	--
7/27/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--
9/20/10	1100.0	8.98	252.0	577.0000	--	--	900.0	0.2000 U	0.20 U	0.05 U	--	--	--

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB102 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
4/19/11	1008.0	11.10	235.0 J	578.0000	--	--	775.0	0.2000 U	0.20 U	0.05 U	--	--	--
9/7/11	1000.0	11.10	237.0	564.0000	--	--	701.0	0.2000 U	0.20 U	0.05 U	--	--	--
3/6/12	1056.0	11.60	227.0	602.0000	--	--	640.0	0.2000 U	0.20 U	0.05 U	--	--	--
9/11/12	1060.0	12.00	242.0	588.0000	--	--	700.0	0.2000 U	0.20 U	0.05 U	--	--	--
3/21/13	1110.0	14.00	235.0	558.0000	--	0.20	686.0	0.2000 U	0.20 U	0.05 U	299.0	6.86	--
9/11/13	1080.0	13.30	126.0	543.0000	--	0.04	696.0	0.2000 U	0.20 U	0.05 U	272.0	6.41	--
3/24/14	980.0	13.50	176.0	519.0000	--	0.01	710.0	0.2000 U	--	--	251.0	6.80	--
9/2/14	1000.0	12.30	147.0	520.0000	--	5.86	684.0	0.2000 U	0.20 U	0.05 U	234.0	6.74	--
3/17/15	1040.0	14.60	87.0	563.0000	--	0.00	724.0	0.2000 U	0.20 U	0.05 U	290.0	7.07	--
9/3/15	1100.0	15.80	120.0	551.0000	--	--	700.0	0.2000 U	0.20 U	0.05 U	163.0	6.54	--
3/17/16	1160.0	16.10	210.0	560.0000	--	0.00	660.0	0.2000 U	0.20 U	0.05 U	287.0	6.80	--
8/31/16	2180.0	18.30	146.0	528.0000	--	0.50	620.0	0.2000 U	0.20 U	0.05 U	244.0	6.76	--
3/7/17	1340.0	16.70	229.0	519.0000	--	--	620.0	0.2000 U	0.20 U	0.05 U	253.0	6.74	--
9/11/17	1200.0	23.70	148.0	464.0000	--	0.30	680.0	0.2000 U	0.20 U	0.05 U	271.0	6.78	--
4/4/18	1090.0	19.40	222.0	465.0000	--	--	541.0	0.2000 U	0.20 U	0.05 U	212.0	6.80	--
9/4/18	1050.0	23.70	142.0	466.0000	--	0.09	575.0	0.2000 U	0.20 U	0.05 U	63.0	6.80	--
4/15/19	957.0	18.30	131.0	410.0000	--	0.02	492.0	0.9000	--	--	102.9	6.68	6.80
8/5/19	1050.0	18.00	149.0	472.0000	--	0.15	550.0	1.1000	--	--	61.2	6.38	6.68
3/3/20	1040.0	17.30	147.0	487.0000	--	0.41	601.0	2.1300	--	--	77.1	6.56	6.70
7/29/20	1050.0	19.80	155.0	475.0000	--	0.50	583.0	1.4500	--	--	47.4	6.48	6.65
3/29/21	1050.0	19.20	133.0	474.0000	--	0.02	530.0	0.0000	--	--	159.8	6.64	6.79
9/7/21	1130.0	19.00	142.0	455.0000	--	0.59	563.0	0.0110 J	--	--	44.8	6.64	6.76

Gude Landfill
Monitoring Location OB102 - General Parameters

Printed 5/25/22

Parameter	Value
Alkalinity (mg/L)	1010.0
Ammonia Nitrogen (mg/L)	18.90
Chemical Oxygen Demand (mg/L)	135.0
Chloride (mg/L)	443.0000
Cyanide, Total (mg/L)	--
Dissolved Oxygen, Field (mg/L)	0.83
Hardness (mg/L)	564.0
Nitrate (mg/L)	0.0110 U
Nitrate+Nitrite (mg/L)	--
Nitrite (mg/L)	--
ORP, Field (mV)	141.3
pH, Field (SU)	6.61
pH, Lab (SU)	6.78

Gude Landfill
Monitoring Location OB102 - General Parameters

Printed 5/25/22

	Phosphate (mg/L)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS											
5/1/01	--	--	--	--	--	--	--	--	--	4.200	--
9/4/01	--	--	--	--	--	--	--	--	--	13.500	--
3/12/02	--	--	--	--	--	--	--	--	--	66.500	--
9/16/02	--	--	--	--	--	--	--	--	--	3.800	--
6/2/03	0.011	--	--	--	--	--	--	0	--	6.900	--
10/8/03	0.061	--	--	--	--	--	--	0 U	--	--	--
3/24/04	0.024	--	--	--	--	--	--	0 U	--	--	--
9/21/04	0.170	--	--	--	--	--	--	0 U	--	--	--
4/6/05	0.003 U	--	--	--	--	--	--	0	--	--	--
9/21/05	0.029	--	--	--	--	--	--	0	--	--	--
4/5/06	0.023	--	--	--	--	--	--	0	--	--	--
9/26/06	0.021	--	--	--	--	--	--	0	--	--	--
4/17/07	0.023	--	--	--	--	--	--	0	--	--	--
10/2/07	0.058	--	--	--	--	--	--	0	--	--	--
3/25/08	--	--	--	--	--	--	--	0	--	--	--
9/23/08	--	--	--	--	--	--	--	0 U	--	--	--
9/21/09	--	--	--	71.90	--	--	2120.0	--	--	191.000	--
7/27/10	--	--	--	--	3.0 U	--	--	--	--	--	--
9/20/10	--	--	--	57.40	--	--	2252.0	--	--	71.400	--

Gude Landfill
Monitoring Location OB102 - General Parameters

Printed 5/25/22

	Phosphate (mg/L)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
4/19/11	--	--	--	74.30	--	--	2308.0	--	--	23.700	--
9/7/11	--	--	--	74.40	--	--	2244.0	--	--	--	--
3/6/12	--	--	--	55.40	--	--	2268.0	--	--	--	--
9/11/12	--	--	--	55.20	--	--	2236.0	--	--	--	--
3/21/13	--	3.3	--	48.10	--	13.2	2146.0	--	--	--	58.90
9/11/13	--	3303.0	--	44.70	--	16.2	2158.0	--	--	--	84.50
3/24/14	--	3270.0	--	45.00	--	13.5	2122.0	--	--	--	79.50
9/2/14	--	3129.0	--	69.40	--	15.7	2098.0	--	--	--	19.90
3/17/15	--	1902.0	--	65.30	--	13.6	2066.0	--	--	--	15.40
9/3/15	--	3390.0	--	64.90	--	16.4	2099.0	--	--	--	8.50
3/17/16	--	3339.0	--	51.90	--	14.6	2220.0	--	--	--	6.50
8/31/16	--	3436.0	--	48.00	--	21.2	2100.0	--	--	--	13.70
3/7/17	--	3128.0	--	43.50	--	14.5	1830.0	--	--	--	6.30
9/11/17	--	3443.0	--	27.10	--	16.0	1990.0	--	--	--	0.40
4/4/18	--	2225.0	--	31.10	--	12.5	1860.0	--	--	--	3.40
9/4/18	--	2646.0	--	25.50	--	20.9	1840.0	--	--	--	3.20
4/15/19	--	3530.0	2930.0	83.30	--	14.0	1760.0	--	2.7	0.960	9.70
8/5/19	--	3.1	3160.0	99.40	--	16.5	1960.0	--	42.8	5.150	0.40
3/3/20	--	3069.0	3330.0	78.70	--	14.9	1950.0	--	4.5	1.980	0.00
7/29/20	--	2965.0	3360.0	70.10	--	18.8	1970.0	--	5.4	2.440	0.00
3/29/21	--	2935.0	3370.0	65.30	--	15.1	1860.0	--	32.6	3.730	14.92
9/7/21	--	3091.0	3.2	62.90	--	18.7	1880.0	--	34.7	20.400	18.00

Gude Landfill
Monitoring Location OB102 - General Parameters

Printed 5/25/22

	Phosphate (mg/L)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
3/29/22	--	2785.0	3.3	50.20	--	12.0	1880.0	--	16.7	11.800	7.22

Gude Landfill
Monitoring Location OB102 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
5/1/01	0.0007 U	0.0020 U	0.1103	0.0005 U	--	0.0020 U	--	0.0043	0.0201	0.0166	--	0.00280
9/4/01	0.0038	0.0020 U	0.0859	0.0017 U	--	0.0020 U	--	0.0020 U	0.0247	0.0161	--	0.00250
3/12/02	0.0020 U	0.0052	0.2397	0.0017 U	--	0.0022	--	0.0029	0.0591	0.0702	--	0.00360
9/16/02	0.0007 U	0.0251	0.2550	0.0004 U	--	0.0020 U	--	0.0005 U	0.0737	0.2655	--	0.00200 U
6/2/03	0.0007 U	0.0020 U	0.0633	0.0004 U	--	0.0020 U	--	0.0005 U	0.0134	0.0236	--	0.00200 U
10/8/03	0.0009 U	0.0008 U	0.0818	0.0016 U	--	0.0007 U	--	0.0005 U	0.0947	0.0100 U	--	0.00200 U
3/24/04	0.0009 U	0.0008 U	0.1215	0.0016 U	--	0.0007 U	--	0.0020 U	0.0145	0.0228	--	0.00200 U
9/21/04	0.0028 U	0.0020 U	0.2291	0.0012 U	--	0.0020 U	--	0.0020 U	0.1029	0.0248	--	0.00260
4/6/05	0.0028 U	0.0020 U	0.3498	0.0012 U	--	0.0020 U	--	0.0024	0.0991	0.0384	--	0.00200 U
9/21/05	0.0028 U	0.0020 U	0.3393	0.0012 U	--	0.0020	--	0.0043	0.1041	0.2110	--	0.00460
4/5/06	0.0006 U	0.0042	0.3277	0.0007 U	--	0.0020 U	--	0.0029	0.0894	0.0543	--	0.00220
9/26/06	0.0020	0.0061	0.3264	0.0009 U	--	0.0020 U	--	0.0026	0.1094	0.0437	--	0.00200 U
4/17/07	0.0007 U	0.0057	0.3338	0.0009 U	2.627	--	--	0.0035	0.0873	0.0557	--	0.00200 U
10/2/07	0.0070 U	0.0200 U	0.7682	0.0090 U	2.054	--	--	0.1373	0.2586	1.8022	--	0.08060
3/25/08	0.0005 U	0.0063	0.3156	0.0010 U	1.383	--	--	0.0033	0.0821	0.0638	--	0.00200 U
9/23/08	0.0010 U	0.0061	0.3331	0.0020 U	4.923	--	--	0.0088	0.0876	0.0880	--	0.00550
3/10/09	0.0010 U	0.0100 U	0.4215	0.0024 U	4.394	--	--	0.0200 U	0.0850	0.1301	--	0.01000 U
9/21/09	0.0020 U	0.0065	0.3850	0.0020 U	--	0.0021	116.00	0.0105	0.0925	0.1360	8.9500	0.00430
7/27/10	0.0010 U	0.0028	0.3400	0.0010 U	--	0.0017	--	0.0082	0.0860	0.1000	--	0.00350
9/20/10	0.0050 U	0.0068	0.3420	0.0050 U	--	0.0050 U	114.00	0.0050 U	0.0842	0.0908	3.5500	0.00500 U
4/19/11	0.0050 U	0.0061	0.3490	0.0050 U	--	0.0050 U	124.00	0.0050 U	0.0764	0.0483	1.6900	0.00500 U
9/7/11	0.0050 U	0.0058	0.3440	0.0050 U	--	0.0050 U	119.70	0.0050 U	0.0724	0.0449	0.7980	0.00500 U
3/6/12	0.0050 U	0.0050 U	0.3550	0.0050 U	--	0.0050 U	115.00	0.0050 U	0.0734	0.0505	0.9450	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB102 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)		Arsenic, total (mg/L)		Barium, total (mg/L)		Beryllium, total (mg/L)		Boron, total (mg/L)		Cadmium, total (mg/L)		Calcium, total (mg/L)		Chromium, total (mg/L)		Cobalt, total (mg/L)		Copper, total (mg/L)		Iron, total (mg/L)		Lead, total (mg/L)	
9/11/12	0.0050	U	0.0050	U	0.3490		0.0050	U	--		0.0050	U	120.00		0.0062		0.0729		0.0485		1.0100		0.00500	U
3/21/13	0.0100	U	0.0112		0.4040		0.0100	U	--		0.0100	U	118.00		0.0140		0.0852		0.0710		1.9300		0.00500	U
9/11/13	0.0050	U	0.0052		0.3470		0.0050	U	--		0.0050	U	116.00		0.0050	U	0.0704		0.0709		2.0300		0.00500	U
3/24/14	0.0050	U	0.0050	U	0.3670		0.0050	U	--		0.0050	U	116.00		0.0050	U	0.0695		0.0616		3.6400		0.00500	U
9/2/14	0.0050	U	0.0050		0.3660		0.0050	U	--		0.0050	U	109.00		0.0050	U	0.0686		0.0500		2.0000	U	0.00500	U
3/17/15	0.0020	U	0.0083		0.3500		0.0020	U	--		0.0007	J	120.00		0.0100	U	0.0740		0.0410		0.3500		0.00200	U
9/3/15	0.0010	U	0.0120		0.3500		0.0010	U	--		0.0005	U	120.00		0.0050	U	0.0730		0.0380		0.2400		0.00100	U
3/17/16	0.0050	U	0.0050	U	0.4070		0.0050	U	--		0.0050	U	--		0.0050	U	0.0744		0.0448		--		0.00500	U
8/31/16	0.0020	U	0.0046		0.3750		0.0020	U	--		0.0020	U	100.00		0.0026		0.0677		0.0428		1.1700		0.00200	U
3/7/17	0.0050	U	0.0060		0.3780		0.0050	U	--		0.0050	U	118.00		0.0050	U	0.0708		0.1670		1.2000		0.00500	U
9/11/17	0.0050	U	0.0050	U	0.3740		0.0050	U	--		0.0050	U	104.00		0.0050	U	0.0631		0.3030		0.7440		0.00500	U
4/4/18	0.0050	U	0.0061		0.3520		0.0050	U	--		0.0050	U	88.20		0.0050	U	0.0497		0.0299		0.2910		0.00500	U
9/4/18	0.0020	U	0.0050		0.3320		0.0020	U	--		0.0020	U	93.60		0.0063		0.0595		0.0249		0.1550		0.00200	U
4/15/19	0.0010	U	0.0010	U	0.2580		0.0010	U	--		0.0010	U	69.10		0.0016		0.0605		0.0228		0.1080		0.00100	U
8/5/19	0.0010	U	0.0010	U	0.3040		0.0010	U	--		0.0010	U	80.50		0.0024		0.0610		0.0213		0.2970		0.00100	U
3/3/20	0.0010	U	0.0011		0.3310		0.0010	U	--		0.0010	U	89.30		0.0029		0.0609		0.0239		0.2000		0.00100	U
7/29/20	0.0010	U	0.0010		0.3210		0.0010	U	--		0.0010	U	83.00		0.0034		0.0673		0.0212		0.4420		0.00100	U
3/29/21	0.0010	U	0.0011		0.2970		0.0010	U	--		0.0010	U	78.80		0.0022		0.0601		0.0395		0.4580		0.00100	U
9/7/21	0.0010	U	0.0010		0.3150		0.0010	U	--		0.0010	U	85.00		0.0034		0.0642		0.0661		0.9080		0.00121	
3/29/22	0.0010	U	0.0010	U	0.3060		0.0010	U	--		0.0010	U	91.90		0.0022		0.0602		0.0281		0.2530		0.00100	U

Gude Landfill
Monitoring Location OB102 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002		
5/1/01	--	4.29000	0.000100 U	0.0113	--	0.00500 U	0.0052 U	--	0.0009 U	0.2000 U	0.00200 U
9/4/01	--	3.72000	0.000200 U	0.0106	--	0.00220	0.0044 U	--	0.0010 U	0.2000 U	0.00210
3/12/02	--	16.29000	0.000200 U	0.0421	--	0.01550	0.0044 U	--	0.0009 U	0.2000 U	0.00450
9/16/02	--	17.81000	0.000200 U	0.0781	--	0.06610	0.0096 U	--	0.0010 U	0.0020 U	0.00980
6/2/03	--	2.04100	0.000200 U	0.0082	--	0.00230	0.0096 U	--	0.0010 U	0.0008 U	0.00200 U
10/8/03	--	4.08300	0.000200 U	0.0052	--	0.00200 U	0.0022 U	--	0.0004 U	0.0003 U	0.00200 U
3/24/04	--	6.42500	0.000200 U	0.0230	--	0.00260	0.0022 U	--	0.0004 U	0.0003 U	0.00200 U
9/21/04	--	17.25000	0.000100 U	0.0362	--	0.00710	0.0018 U	--	0.0010 U	0.0003 U	0.00200 U
4/6/05	--	25.83500	0.000100 U	0.0900	--	0.00920	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U
9/21/05	--	24.56000	0.000100 U	0.0767	--	0.00930	0.0018 U	--	0.0010	0.0050 U	0.00470
4/5/06	--	0.00200 U	0.000100 U	0.0913	--	0.01270	0.0004 U	--	0.0004 U	0.0050 U	0.00200 U
9/26/06	--	--	0.000200 U	0.0870	--	0.01850	--	--	0.0007 U	0.0050 U	0.00200 U
4/17/07	--	--	0.000200 U	0.0942	--	0.01790	0.0005 U	--	0.0007 U	0.0500 U	0.00300
10/2/07	--	--	0.000600	0.2651	--	0.03600	0.0050 U	--	0.0200 U	0.0020 U	0.14430
3/25/08	--	--	0.000200 U	0.0908	--	0.01860	0.0008 U	--	0.0006 U	0.0500 U	0.00200 U
9/23/08	--	--	0.000200 U	0.0871	--	0.01520	0.0016 U	--	0.0012 U	0.0011 U	0.01050
3/10/09	--	--	0.000200 U	0.1029	--	0.01670	0.0043 U	--	0.0008 U	0.0011 U	0.02000 U
9/21/09	94.800	22.20000	0.000200 U	0.1180	37.200	0.02560	0.0020 U	613.00	0.0020 U	--	0.01040
7/27/10	--	--	0.000200 U	0.0970	--	0.00050 J	0.0010 U	--	0.0015	0.0050 U	0.00810
9/20/10	94.300	21.80000	0.000200 U	0.1010	37.800	0.02560	0.0050 U	500.00	0.0050 U	--	0.00500 U
4/19/11	102.000 J	23.50000	0.000200 U	0.0920	39.800 J	0.02370	0.0050 U	561.00	0.0050 U	--	0.00500 U
9/7/11	98.400	20.90000	0.000200 U	--	40.400	0.02240	0.0050 U	550.00	0.0050 U	--	0.00500 U
3/6/12	97.400	21.20000	0.000200 U	0.0900	39.900	0.01700	0.0050 U	532.00	0.0050 U	--	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location OB102 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
9/11/12	97.400	21.70000	0.000200 U	0.0970	41.400	0.01760	0.0050 U	586.00	0.0050 U	--	0.00500 U
3/21/13	104.000	20.20000	0.000200 U	0.1070	47.400	0.04110	0.0100 U	558.00	0.0050 U	--	0.01000 U
9/11/13	96.900	20.10000	0.000800 U	0.0963	46.700	0.01880	0.0050 U	483.00	0.0050 U	--	0.00500 U
3/24/14	99.200	18.80000	0.000200 U	0.0903	44.900	0.01620	0.0050 U	523.00	0.0050 U	--	0.00500 U
9/2/14	89.730	18.00000	0.000200 U	0.0884	43.000	0.01970	0.0050 U	504.00	0.0050 U	--	0.00500 U
3/17/15	96.000	19.00000	0.000200 U	0.1000	51.000	0.02100 J	0.0100 U	490.00	0.0020 U	--	0.01000 U
9/3/15	100.000	18.00000	0.000200 U	0.0910	51.000	0.03200	0.0010 U	510.00	0.0010 U	--	0.00500 U
3/17/16	--	17.30000	0.000200 U	0.1010	49.500	0.01650	0.0050 U	--	0.0050 U	--	0.00500 U
8/31/16	86.400	15.50000	0.000200 U	0.0903	45.600	0.01590	0.0020 U	483.00	0.0010 U	--	0.00200 U
3/7/17	98.100	15.70000	0.000200 U	0.1020	52.600	0.01140	0.0050 U	547.00	0.0050 U	--	0.00500 U
9/11/17	89.900	11.90000	0.000200 U	0.0848	55.300	0.01050	0.0050 U	460.00	0.0050 U	--	0.00500 U
4/4/18	77.800	14.00000	0.000200 U	0.0768	51.100	0.00967	0.0050 U	437.00	0.0050 U	--	0.00500 U
9/4/18	82.900	10.20000	0.000200 U	0.0875	58.400	0.01350	0.0020 U	462.00	0.0010 U	--	0.00200 U
4/15/19	77.700	12.60000	0.000100 U	0.0727	46.200	0.00100 U	0.0010 U	493.00 B	0.0010 J	--	0.00100 U
8/5/19	84.700	14.40000	0.000100 U	0.0767	47.900	0.00100 U	0.0010 U	525.00	0.0010 U	--	0.00100 U
3/3/20	91.800	14.90000	0.000100 U	0.0810	51.400	0.00100 U	0.0010 U	495.00	0.0010 U	--	0.00100 U
7/29/20	91.100	13.90000	0.000100 U	0.0789	50.900	0.00100 U	0.0010 U	518.00	0.0010 U	--	0.00100 U
3/29/21	80.800	12.30000	0.000100 U	0.0724	45.000	0.00100 U	0.0010 U	453.00	0.0010 U	--	0.00100 U
9/7/21	85.200	3.28000	0.000100 U	0.0802	52.100	0.00100 U	0.0010 U	126.00	0.0017	--	0.00125
3/29/22	81.200	11.80000	0.000100 U	0.0721	51.300	0.00100 U	0.0010 U	481.00	0.0010 U	--	0.00100 U

Gude Landfill
Monitoring Location OB102 - Total Metals

Printed 5/25/22

	Zinc, total (mg/L)
MCL/ GWPS	
5/1/01	--
9/4/01	--
3/12/02	--
9/16/02	--
6/2/03	--
10/8/03	--
3/24/04	--
9/21/04	--
4/6/05	--
9/21/05	--
4/5/06	--
9/26/06	--
4/17/07	0.02100
10/2/07	1.25400
3/25/08	0.02480
9/23/08	0.04240
3/10/09	0.07760
9/21/09	0.04640
7/27/10	0.03900
9/20/10	0.02240
4/19/11	0.01350
9/7/11	0.01270
3/6/12	0.01300

Gude Landfill
Monitoring Location OB102 - Total Metals

Printed 5/25/22

Zinc, total (mg/L)

9/11/12	0.01290
3/21/13	0.02060
9/11/13	0.01960
3/24/14	0.02310
9/2/14	0.01940
3/17/15	0.01100
9/3/15	0.01100
3/17/16	0.01190
8/31/16	0.00739
3/7/17	0.01180
9/11/17	0.03290
4/4/18	0.02320
9/4/18	0.01270
4/15/19	0.00897
8/5/19	0.01040 B
3/3/20	0.00763
7/29/20	0.00801
3/29/21	0.01450
9/7/21	0.01420
3/29/22	0.00837

Gude Landfill

Printed 5/25/22

Monitoring Location OB102 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200		5		7				0.2	0.05	600	5	5		75
5/1/01	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/4/01	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
3/12/02	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/16/02	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
6/2/03	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
10/8/03	0.18 U	0.15 U	1.00 U	0.22 U	0.19 U	1.00 U	1.00 U	0.21 U	1.00 U	0.20 U	1.00 U	0.17 U	0.21 U	0.19 U	1.05
3/24/04	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/21/04	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/6/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	0.43 U	0.27 U	0.34 U	0.33 U	2.32
4/5/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/26/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	12.00 U	0.27 U	0.34 U	0.33 U	12.00 U
4/17/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
10/2/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
3/25/08	0.18 U	0.18 U	0.21 U	0.23 U	0.22 U	0.18 U	0.26 U	0.14 U	0.24 U	0.16 U	10.00 U	0.18 U	0.17 U	0.20 U	1.81
9/23/08	0.12 U	0.17 U	0.14 U	0.17 U	0.14 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	0.50 U	0.13 U	0.15 U	0.13 U	1.43
3/10/09	0.12 U	0.17 U	0.14 U	0.17 U	0.14 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	10.00 U	0.13 U	0.15 U	0.13 U	10.00 U
9/21/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.35 J	1.00 U	1.00 U	1.00 U	1.00 U
7/27/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.12 J

Shaded concentrations represent MCL/GWPS exceedances

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Printed 5/25/22

Monitoring Location OB102 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
4/19/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40
9/11/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.14
3/24/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.27
9/2/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.55
3/17/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30
9/3/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.62
3/17/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.37
8/31/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40
9/11/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.01
9/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/15/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.10
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.40
3/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.30
7/29/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.50
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.80
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.50

Gude Landfill
Monitoring Location OB102 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
5/1/01	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
9/4/01	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	1.00 U	1.00 U	0.15 U	0.28 U	0.20 U	0.23 U
3/12/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
9/16/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	1.00 U	0.15 U	1.00 U	0.20 U	0.23 U
6/2/03	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	2.07	0.15 U	0.28 U	0.20 U	0.23 U
10/8/03	0.62	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	1.00 U	2.13	0.15 U	1.00 U	0.20 U	0.23 U
3/24/04	1.72	1.00 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	1.00 U	1.00 U	0.15 U	0.28 U	0.20 U	0.23 U
9/21/04	0.29 U	1.25	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/6/05	1.00 U	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.17	0.31 U	0.27 U
9/21/05	1.36	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.31	0.31 U	0.27 U
4/5/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.54	0.31 U	0.27 U
9/26/06	1.77	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	1.00 U	0.75 U	0.25 U	1.65	0.31 U	0.27 U
4/17/07	1.84	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.74	0.31 U	0.27 U
10/2/07	1.58	0.19 U	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	2.43	0.31 U	0.27 U
3/25/08	--	--	--	--	--	0.50 U	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	1.65	0.10 U	0.21 U
9/23/08	--	--	--	--	--	0.50 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	1.41	0.13 U	0.12 U
3/10/09	--	--	--	--	--	0.50 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	2.08	0.13 U	0.12 U
9/21/09	0.69 J	1.00 U	1.00 U	1.00 U	1.00 U	0.46 J	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	2.27	1.00 U	1.00 U
7/27/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	2.00	1.00 U	1.00 U
9/20/10	2.00 U	2.00 U	2.00 U	0.53 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	1.51 J	2.00 U	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB102 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
4/19/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.60	1.00 U	1.00 U
9/11/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.14	1.00 U	1.00 U
3/24/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.14	1.00 U	1.00 U
9/2/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.22	1.00 U	1.00 U
3/17/15	5.00 U	5.00 U	5.00 U	8.00	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.36	1.00 U	1.00 U
9/3/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.74	1.00 U	1.00 U
3/17/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.38	1.00 U	1.00 U
8/31/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.88	1.00 U	1.00 U
3/7/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.44	1.00 U	1.00 U
9/11/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	2.02	1.00 U	1.00 U
4/4/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.80	1.00 U	1.00 U
9/4/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.75	1.00 U	1.00 U
4/15/19	5.00 U	5.00 U	5.00 U	7.20 B	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00	1.00 U	1.00 U
8/5/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.30	1.00 U	1.00 U
3/3/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.40	1.00 U	1.00 U
7/29/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.70	1.00 U	1.00 U
3/29/21	5.00 U	5.00 U	5.00 U	6.30	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.50	1.00 U	1.00 U
9/7/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.20	1.00 U	1.00 U
3/29/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.70	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB102 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
5/1/01	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
9/4/01	1.00 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	3.54	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
3/12/02	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
9/16/02	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
6/2/03	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.32	0.24 U	0.22 U
10/8/03	1.00 U	0.22 U	0.19 U	0.17 U	1.00 U	1.00 U	1.05	--	0.22 U	0.21 U	1.00 U	1.00 U	1.83	0.24 U	1.00 U
3/24/04	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
9/21/04	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/6/05	0.25 U	1.34	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
9/21/05	0.25 U	2.27	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/5/06	0.25 U	1.28	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
9/26/06	1.00 U	2.30	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/17/07	0.25 U	2.14	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
10/2/07	0.25 U	2.50	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
3/25/08	0.15 U	1.75	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.15 U	0.12 U	0.22 U	0.20 U	0.20 U	0.28 U	0.22 U
9/23/08	0.20 U	1.46	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.16 U	0.12 U	0.14 U
3/10/09	0.20 U	1.54	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.16 U	0.12 U	0.14 U
9/21/09	1.00 U	1.38	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/27/10	1.00 U	1.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/10	2.00 U	0.65 J	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB102 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
4/19/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/7/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
3/6/12	1.00 U	0.79	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/11/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/13	1.00 U	1.26	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/7/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/15/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location OB102 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
5/1/01	0.13 U	1.00 U	0.19 U	0.18 U	--	--	--
9/4/01	0.13 U	0.14 U	0.19 U	0.18 U	--	--	--
3/12/02	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
9/16/02	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
6/2/03	0.13 U	0.14 U	0.19 U	0.18 U	--	--	--
10/8/03	0.13 U	0.14 U	1.00 U	1.00 U	--	2.79	--
3/24/04	0.13 U	1.00 U	0.19 U	0.18 U	--	0.10	--
9/21/04	0.24 U	0.30 U	0.31 U	0.36 U	--	2.98	--
4/6/05	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/21/05	0.24 U	0.30 U	0.31 U	0.36 U	--	2.33	--
4/5/06	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/26/06	0.24 U	0.30 U	0.31 U	0.36 U	--	1.11	--
4/17/07	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
10/2/07	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
3/25/08	0.08 U	--	0.23 U	0.07 U	--	0.22 U	--
9/23/08	0.13 U	--	0.13 U	0.10 U	--	0.80	--
3/10/09	0.13 U	--	0.50 U	0.10 U	--	0.18 U	--
9/21/09	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	--
7/27/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	--

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB102 - Volatile Organic Compounds

Printed 5/25/22

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
4/19/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/21/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/24/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/2/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/17/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/3/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/17/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
8/31/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/7/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/4/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/4/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/15/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/5/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/29/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location OB105 - Dissolved Metals

Printed 5/25/22

	Antimony, dissolved (mg/L)	Arsenic, dissolved (mg/L)	Barium, dissolved (mg/L)	Beryllium, dissolved (mg/L)	Cadmium, dissolved (mg/L)	Calcium, dissolved (mg/L)	Chromium, dissolved (mg/L)	Cobalt, dissolved (mg/L)	Copper, dissolved (mg/L)	Iron, dissolved (mg/L)	Lead, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Manganese, dissolved (mg/L)	Mercury, dissolved (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005		0.1				0.015			0.002
4/25/11	0.005 U	0.005 U	0.189	0.005 U	0.005 U	92.9	0.01 U	0.01	0.005	7.2	0.005 U	84.6	1.550	0.0002 U
9/15/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/13/12	0.005 U	0.008	0.208	0.005 U	0.005 U	165.0	0.01 U	0.01	0.005	14.1	0.005 U	156.2	3.370	0.0002 U
9/17/12	0.005 U	0.007	0.111	0.005 U	0.005 U	171.0	0.01 U	0.01	0.005	7.2	0.005 U	119.0	2.830	0.0002 U
4/2/13	0.005 U	0.009	0.152	0.005 U	0.005 U	160.0	0.01 U	0.02	0.015	8.4	0.005 U	130.0	5.090	0.0002 U
9/16/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/19/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/23/13	0.010 U	0.010 U	0.122	0.005 U	0.010 U	173.1	0.01 U	0.01 U	0.010 U	5.6	0.010 U	125.6	3.380	0.0002 U
3/13/14	0.005 U	0.005 U	0.242	0.005 U	0.005 U	144.0	0.01 U	0.01 U	0.005 U	7.6	0.005 U	121.0	1.910	0.0002 U
9/8/14	0.005 U	0.005 U	0.142	0.005 U	0.005 U	158.0	0.01 U	0.01	0.008	4.2	0.005 U	119.0	4.490	0.0002 U
3/18/15	0.002 U	0.006	0.360	0.002 U	0.004 U	150.0	0.01 U	0.01	0.003 J	15.0	0.002 U	150.0	3.200	0.0002 U
9/1/15	0.001 U	0.006	0.240	0.001 U	0.001 U	150.0	0.01 U	0.01	0.005 U	9.6	0.001 U	130.0	4.400	0.0002 U
3/16/16	0.005 U	0.005 U	0.362	0.005 U	0.005 U	--	0.01 U	0.01	0.007	--	0.005 U	--	3.600	0.0002 U
8/30/16	0.002 U	0.004	0.231	0.002 U	0.002 U	132.0	0.00 U	0.01	0.010	8.0	0.002 U	113.0	2.290	0.0002 U
3/6/17	0.005 U	0.005 U	0.410	0.005 U	0.005 U	138.0	0.01 U	0.01	0.007	16.8	0.005 U	135.0	2.960	0.0002 U
9/12/17	0.005 U	0.005 U	0.215	0.005 U	0.005 U	157.0	0.01 U	0.01	0.116	7.5	0.005 U	128.0	3.700	0.0002 U
3/28/18	0.002 U	0.007	0.533	0.002 U	0.002 U	101.0	0.01	0.01	0.002 U	12.8	0.002 U	127.0	1.450	0.0002 U
9/11/18	0.002 U	0.008	0.225	0.002 U	0.002 U	143.0	0.02	0.01	0.002 U	6.2	0.002 U	117.0	3.390	0.0002 U

Gude Landfill

Monitoring Location OB105 - Dissolved Metals

	Nickel, dissolved (mg/L)	Potassium, dissolved (mg/L)	Selenium, dissolved (mg/L)	Silver, dissolved (mg/L)	Sodium, dissolved (mg/L)	Thallium, dissolved (mg/L)	Vanadium, dissolved (mg/L)	Zinc, dissolved (mg/L)
MCL/ GWPS			0.05			0.002		
4/25/11	0.01	61.4	0.010	0.01 U	216.0	0.005 U	0.01 U	0.093
9/15/11	0.05	--	--	--	--	--	--	--
3/13/12	0.28	51.0	0.026	0.01 U	242.0	0.005 U	0.01 U	0.010
9/17/12	0.07	12.8	0.025	0.01 U	179.0	0.005 U	0.01 U	0.016
4/2/13	0.10	25.7	0.030	0.01 U	279.0	0.005 U	0.01 U	0.009
9/16/13	0.01	--	--	--	--	--	--	--
9/19/13	0.10	--	--	--	--	--	--	--
9/23/13	0.07	12.7	0.017	0.01 U	190.0	0.010 U	0.01 U	0.017
3/13/14	0.03	46.4	0.019	0.01 U	188.0	0.005 U	0.01 U	0.018
9/8/14	0.03	18.1	0.013	0.01 U	194.0	0.005 U	0.01 U	0.045
3/18/15	0.03	88.0	0.017 J	0.01 U	330.0	0.002 U	0.01 U	0.016
9/1/15	0.01	55.0	0.017	0.00 U	280.0	0.001 U	0.01 U	0.060
3/16/16	0.02	58.3	0.011	0.01 U	--	0.005 U	0.01 U	0.020
8/30/16	0.02	55.8	0.010	0.00 U	237.0	0.001 U	0.00 U	0.045
3/6/17	0.02	78.2	0.012	0.01 U	323.0	0.005 U	0.01 U	0.010
9/12/17	0.02	41.5	0.008	0.01 U	232.0	0.005 U	0.01 U	0.101
3/28/18	0.01	102.0	0.014	0.00 U	361.0	0.001 U	0.01	0.010
9/11/18	0.03	41.9	0.016	0.00 U	216.0	0.001 U	0.01	0.012

Gude Landfill
Monitoring Location OB105 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
MCL/ GWPS					0.2			10		1			
5/1/01	--	--	--	303.4410	0.004	--	--	--	--	--	--	--	--
9/17/02	--	--	--	391.0500	0.001 U	--	--	--	--	--	--	--	--
6/2/03	--	--	--	180.6250	0.008	--	--	--	--	--	--	--	--
10/8/03	--	--	--	--	0.008	--	--	--	--	--	--	--	--
3/23/04	--	--	--	--	0.009	--	--	--	--	--	--	--	--
9/20/04	--	--	--	--	0.005	--	--	--	--	--	--	--	--
4/5/05	--	--	--	--	0.008	--	--	--	--	--	--	--	--
9/21/05	--	--	--	--	0.006	--	--	--	--	--	--	--	--
4/4/06	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--
9/25/06	--	--	--	--	0.003	--	--	--	--	--	--	--	--
4/17/07	--	--	--	--	0.005	--	--	--	--	--	--	--	--
10/3/07	--	--	--	--	0.010 U	--	--	--	--	--	--	--	--
3/25/08	--	--	--	--	--	--	--	--	--	--	--	--	--
9/23/08	--	--	--	--	--	--	--	--	--	--	--	--	--
9/21/09	810.0	12.40	173.0	328.0000	--	--	900.0	0.2000 U	--	--	--	--	--
7/30/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--
9/15/10	600.0	5.02	207.0	334.0000	--	--	950.0	0.2000 U	0.20 U	0.05 U	--	--	--
4/25/11	728.0	25.10	92.4	219.0000 J	--	--	576.0	0.9900	1.04	0.05 U	--	--	--
9/15/11	494.0	4.40	83.4	309.0000	--	--	866.0	0.2000 U	0.20 U	0.05 U	--	--	--

Gude Landfill
Monitoring Location OB105 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
3/13/12	51.0	16.30	140.0	356.0000	--	--	960.0	0.2000 U	0.20 U	0.05 U	--	--	--
9/17/12	522.0	3.48	61.5	337.0000	--	--	908.0	0.2000 U	0.20 U	0.05 U	--	--	--
4/2/13	770.0	13.10	93.4	334.0000	--	0.06	924.0	0.2000 U	0.20 U	0.05 U	200.0	6.61	--
9/16/13	--	--	--	--	--	0.19	820.0	--	--	--	-60.3	6.62	--
9/19/13	--	--	--	--	--	1.50	920.0	--	--	--	69.2	6.18	--
9/23/13	50.0	4.61	56.2	318.0000	--	0.02	940.0	0.2000 U	0.20 U	0.05 U	176.0	6.34	--
3/13/14	774.0	19.30	102.0	307.0000	--	0.51	900.0	0.2000 U	--	--	150.0	6.69	--
9/8/14	645.0	6.80	75.3	336.0000	--	5.15	924.0	0.2000 U	0.20 U	0.05 U	228.0	6.83	--
3/18/15	1250.0	42.50	135.0	339.0000	--	0.00	424.0	0.2000 U	0.20 U	0.05 U	112.0	7.00	--
9/1/15	1100.0	29.10	121.0	320.0000	--	1.07	860.0	0.2690	0.32	0.05 U	77.0	6.68	--
3/16/16	1040.0	29.70	122.0	340.0000	--	0.00	890.0	0.2000 U	0.20 U	0.05 U	67.0	6.80	--
8/30/16	870.0	24.00	112.0	308.0000	--	2.27	660.0	0.2000 U	0.20 U	0.05 U	135.0	6.57	--
3/6/17	1420.0	43.30	148.0	346.0000	--	--	550.0	0.2000 U	0.20 U	0.05 U	93.0	6.96	--
9/12/17	877.0	18.90	90.8	305.0000	--	0.52	400.0	0.2000 U	0.20 U	0.05 U	163.0	6.54	--
3/28/18	1360.0	52.50	224.0	302.0000	--	--	410.0	0.2000 U	0.20 U	0.05 U	-97.0	7.14	--
9/11/18	820.0	17.10	87.4	313.0000	--	--	832.0	0.2000 U	0.20 U	0.05 U	-8.0	6.41	--
4/9/19	1270.0	43.80	131.0	224.0000	--	-0.02	821.0 B	0.7000	--	--	-106.1	6.90	6.97
8/1/19	675.0	6.34	77.2	317.0000	--	0.05	846.0	1.0000	--	--	-11.9	6.05	6.53
3/9/20	1260.0	41.80	137.0	140.0000	--	0.69	1090.0	1.4300	--	--	-81.1	6.79	6.79
7/27/20	929.0	28.70	110.0	288.0000	--	0.43	879.0	0.2000 U	--	--	-17.4	6.46	6.55
3/22/21	1500.0	55.30	150.0	265.0000	--	0.13	823.0	0.0000	--	--	-133.1	7.02	6.99
8/30/21	851.0	15.90	92.2	286.0000	--	0.44	966.0	0.0110 U	--	--	-17.1	6.37	6.47

Gude Landfill
Monitoring Location OB105 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
4/4/22	1450.0	0.60	162.0	270.0000	--	0.94	925.0	0.0110 U	--	--	-111.7	6.98	7.00

Gude Landfill
Monitoring Location OB105 - General Parameters

Printed 5/25/22

	Phosphate (mg/L)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS											
5/1/01	--	--	--	--	--	--	--	--	--	36.000	--
9/17/02	--	--	--	--	--	--	--	--	--	24.300	--
6/2/03	0.034	--	--	--	--	--	--	0	--	31.400	--
10/8/03	0.021	--	--	--	--	--	--	0 U	--	--	--
3/23/04	0.014	--	--	--	--	--	--	0 U	--	--	--
9/20/04	0.095	--	--	--	--	--	--	0 U	--	--	--
4/5/05	0.003 U	--	--	--	--	--	--	0	--	--	--
9/21/05	0.032	--	--	--	--	--	--	0	--	--	--
4/4/06	0.018	--	--	--	--	--	--	0	--	--	--
9/25/06	0.019	--	--	--	--	--	--	0	--	--	--
4/17/07	0.012	--	--	--	--	--	--	0	--	--	--
10/3/07	--	--	--	--	--	--	--	0	--	--	--
3/25/08	--	--	--	--	--	--	--	0	--	--	--
9/23/08	--	--	--	--	--	--	--	0	--	--	--
9/21/09	--	--	--	346.00	--	--	1736.0	--	--	1215.000	--
7/30/10	--	--	--	--	2.9 J	--	--	--	--	--	--
9/15/10	--	--	--	309.00	--	--	1876.0	--	--	3430.000	--
4/25/11	--	--	--	139.00 J	--	--	1320.0	--	--	240.000	--
9/15/11	--	--	--	314.00	--	--	1872.0	--	--	--	--

Gude Landfill Monitoring Location OB105 - General Parameters

	Phosphate (mg/L)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
3/13/12	--	--	--	312.00	--	--	1776.0	--	--	--	--
9/17/12	--	--	--	289.00	--	--	1628.0	--	--	--	--
4/2/13	--	3.0	--	240.00	--	13.8	1784.0	--	--	--	1721.00
9/16/13	--	2.2	--	--	--	17.7	--	--	--	120.000	6.49
9/19/13	--	2.1	--	--	--	13.5	--	--	--	1100.000	820.00
9/23/13	--	2224.0	--	299.00	--	17.1	1606.0	--	--	--	728.00
3/13/14	--	2477.0	--	267.00	--	13.2	1600.0	--	--	--	335.00
9/8/14	--	2473.0	--	287.00	--	15.7	1608.0	--	--	--	1070.00
3/18/15	--	2920.0	--	137.00	--	12.2	1792.0	--	--	--	258.30
9/1/15	--	2099.0	--	190.00	--	19.0	1747.0	--	--	--	39.80
3/16/16	--	2888.0	--	189.00	--	14.6	1770.0	--	--	--	314.50
8/30/16	--	2561.0	--	208.00	--	19.5	1620.0	--	--	--	143.00
3/6/17	--	3147.0	--	134.00	--	12.6	1960.0	--	--	--	44.40
9/12/17	--	2879.0	--	267.00	--	18.0	1660.0	--	--	--	13.50
3/28/18	--	3078.0	--	60.70	--	11.4	1770.0	--	--	--	60.80
9/11/18	--	2710.0	--	240.00	--	18.7	1600.0	--	--	--	8.90
4/9/19	--	3590.0	2950.0	150.00	--	13.3	1730.0	--	50.3	204.000	19.50
8/1/19	--	2.4	2420.0	267.00	--	16.6	1630.0	--	163.0	113.000	79.00
3/9/20	--	2923.0	3130.0	114.00	--	13.3	1830.0	--	55.4	266.000	8.90
7/27/20	--	2917.0	2860.0	191.00	--	22.8	1680.0	--	31.9	145.000	34.50
3/22/21	--	3455.0	3100.0	65.80	--	13.8	1860.0	--	131.0	298.000	68.90
8/30/21	--	2735.0	2630.0	0.30 U	--	24.1	1600.0	--	128.0	64.900	17.00

Gude Landfill
Monitoring Location OB105 - General Parameters

Printed 5/25/22

	Phosphate (mg/L)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
4/4/22	--	2935.0	3416.0	42.40	--	11.8	1870.0	--	91.4	227.000	41.90

Gude Landfill
Monitoring Location OB105 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
5/1/01	0.0007 U	0.0027	0.1043	0.0005 U	--	0.0020 U	--	0.0035	0.0061	0.0319	--	0.00310
9/17/02	0.0020 U	0.0184	0.1957	0.0020 U	--	0.0020 U	--	0.0068	0.0095	0.0177	--	0.00390
6/2/03	0.0007 U	0.0020	0.0954	0.0004 U	--	0.0020 U	--	0.0042	0.0064	0.0190	--	0.00540
10/8/03	0.0009 U	0.0020 U	0.1666	0.0016 U	--	0.0007 U	--	0.0025	0.0051	0.0416	--	0.00200 U
3/23/04	0.0009 U	0.0050	0.2607	0.0016 U	--	0.0007 U	--	0.0028	0.0173	0.0100 U	--	0.00240
9/20/04	0.0028 U	0.0020 U	0.1224	0.0012 U	--	0.0020 U	--	0.0026	0.0045	0.0130	--	0.00200
4/5/05	0.0028 U	0.0070	0.5120	0.0012 U	--	0.0020	--	0.0051	0.0146	0.0156	--	0.00200 U
9/21/05	0.0028 U	0.0023	0.2067	0.0012 U	--	0.0020	--	0.0027	0.0070	0.0654	--	0.00330
4/4/06	0.0006 U	0.0058	0.2254	0.0007 U	--	0.0079	--	0.0028	0.0077	0.0148	--	0.00330
9/25/06	0.0007 U	0.0027	0.2080	0.0009 U	--	0.0125	--	0.0024	0.0054	0.0103	--	0.00200 U
4/17/07	0.0007 U	0.0041	0.2161	0.0009 U	2.469	--	--	0.0020 U	0.0073	0.0094	--	0.00200 U
10/3/07	0.0020 U	0.0057	0.1660	0.0009 U	1.541	--	--	0.0057	0.0116	0.0217	--	0.00330
3/25/08	0.0005 U	0.0064	0.2560	0.0010 U	1.151	--	--	0.0044	0.0120	0.0184	--	0.00210
9/23/08	0.0010 U	0.0044	0.1682	0.0020 U	4.000 U	--	--	0.0040 U	0.0077	0.0120	--	0.00400 U
3/9/09	0.0010 U	0.0100 U	0.4660	0.0012 U	4.152	--	--	0.0100 U	0.0108	0.0134	--	0.00070 U
9/21/09	0.0020 U	0.0120	0.3040	0.0026	--	0.0047	156.00	0.0717	0.1010	0.1120	85.3000	0.02680
7/30/10	0.0010 U	0.0052	0.2000	0.0014	--	0.0010 U	--	0.0720	0.0460	0.0430	--	0.00880
9/15/10	0.0050 U	0.0109	0.2580	0.0050 U	--	0.0050 U	165.00	0.0808	0.1960	0.1730	110.0000	0.03320
4/25/11	0.0050 U	0.0050 U	0.2180	0.0050 U	--	0.0050 U	92.20	0.0106	0.0202	0.0277	17.1000 U	0.00500 U
9/15/11	0.0050 U	0.0050 U	0.1570	0.0050 U	--	0.0050 U	170.00	0.0184	0.0345	0.0237	19.9600	0.01500
3/13/12	0.0050 U	0.0147	0.6010	0.0112	--	0.0109	160.00	0.1660	0.2000	0.2930	253.0000	0.07260
9/17/12	0.0050 U	0.0090	0.1380	0.0050 U	--	0.0050 U	167.00	0.0236	0.0316	0.0417	26.7000	0.01550
4/2/13	0.0050 U	0.0094	0.2330	0.0050 U	--	0.0050 U	168.00	0.0434	0.0540	0.0906	50.7000	0.01640

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB105 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
9/16/13	0.0050 U	0.0018	0.2600	0.0010 U	--	0.0010 U	130.00	0.0016	0.0064	0.0013	11.0000	0.00100 U
9/19/13	0.0050 U	0.0078	0.1900	0.0033	--	0.0015	170.00	0.0370	0.0480	0.0580	41.0000	0.04200
9/23/13	0.0050 U	0.0058	0.1440	0.0050 U	--	0.0050 U	169.00	0.0235	0.0306	0.0415	24.7000	0.01040
3/13/14	0.0050 U	0.0050 U	0.2770	0.0050 U	--	0.0050 U	147.00	0.0213	0.0214	0.0321	27.2000	0.00748
9/8/14	0.0050 U	0.0050 U	0.3370	0.0050 U	--	0.0050 U	166.00	0.0574	0.0436	0.0958	75.4000	0.02800
3/18/15	0.0020 U	0.0070	0.3900	0.0020 U	--	0.0040 U	140.00	0.0087 J	0.0190	0.0210	27.0000	0.00370
9/1/15	0.0010 U	0.0061	0.2800	0.0010 U	--	0.0005 U	150.00	0.0050 U	0.0110	0.0050 U	14.0000	0.00100 U
3/16/16	0.0050 U	0.0050 U	0.3810	0.0050 U	--	0.0050 U	--	0.0050 U	0.0129	0.0150	--	0.00500 U
8/30/16	0.0020 U	0.0035	0.2450	0.0020 U	--	0.0020 U	136.00	0.0065	0.0105	0.0159	13.1000	0.00345
3/6/17	0.0050 U	0.0050 U	0.4520	0.0050 U	--	0.0050 U	143.00	0.0050 U	0.0088	0.0102	19.6000	0.00500 U
9/12/17	0.0050 U	0.0050 U	0.2260	0.0050 U	--	0.0050 U	154.00	0.0050 U	0.0079	0.0074	9.5500	0.00500 U
3/28/18	0.0050 U	0.0075	0.5820	0.0050 U	--	0.0050 U	110.00	0.0050 U	0.0070	0.0093	19.6000	0.00500 U
9/11/18	0.0050 U	0.0055	0.2300	0.0050 U	--	0.0050 U	142.00	0.0050 U	0.0073	0.0050 U	6.6700	0.00500 U
4/9/19	0.0010 U	0.0027	0.5660	0.0010 U	--	0.0010 U	115.00	0.0021	0.0066	0.0020	21.4000	0.00100 U
8/1/19	0.0010 U	0.0031	0.1340	0.0010 U	--	0.0010 U	139.00	0.0096	0.0126	0.0141	14.4000	0.00339
3/9/20	0.0010 U	0.0026	0.5700	0.0010 U	--	0.0010 U	139.00	0.0041	0.0076	0.0012	22.5000	0.00100 U
7/27/20	0.0010 U	0.0031	0.3640	0.0010 U	--	0.0010 U	128.00	0.0024	0.0062	0.0154	13.7000	0.00100 U
3/22/21	0.0010 U	0.0039	0.5820	0.0010 U	--	0.0010 U	103.00	0.0040	0.0086	0.0070 B	26.7000	0.00121
8/30/21	0.0010 U	0.0018	0.1900	0.0010 U	--	0.0010 U	152.00	0.0035	0.0098	0.0037	7.8700	0.00100 U
4/4/22	0.0010 U	0.0033	0.6340	0.0010 U	--	0.0010 U	126.00	0.0026	0.0069	0.0040	23.3000	0.00100 U

Gude Landfill
Monitoring Location OB105 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002		
5/1/01	--	1.26800	0.000100 U	0.0096	--	0.00600	0.0052 U	--	0.0009 U	0.2000 U	0.00340
9/17/02	--	2.30100	0.000100 U	0.0185	--	0.04620	0.0262	--	0.0010	0.0008 U	0.00030 U
6/2/03	--	0.87840	0.000200 U	0.0140	--	0.00260	0.0096 U	--	0.0010 U	0.0008 U	0.00710
10/8/03	--	1.85000	0.000200 U	0.0092	--	0.00510	0.0022 U	--	0.0004 U	0.0003 U	0.00340
3/23/04	--	2.04600	0.000200 U	0.0137	--	0.00490	0.0022 U	--	0.0004 U	0.0003 U	0.00380
9/20/04	--	1.11200	0.000100 U	0.0088	--	0.00360	0.0018 U	--	0.0006 U	0.0003 U	0.00320
4/5/05	--	2.10050	0.000100 U	0.0145	--	0.00700	0.0018 U	--	0.0006 U	0.0050 U	0.00600
9/21/05	--	2.23700	0.000100 U	0.0141	--	0.00440	0.0018 U	--	0.0006 U	0.0050 U	0.00370
4/4/06	--	0.00200 U	0.000100 U	0.0111	--	0.01350	0.0004 U	--	0.0004 U	0.0050 U	0.00230
9/25/06	--	1.48100	--	0.0103	--	0.00400	0.0005 U	--	0.0007 U	0.0050 U	0.00200 U
4/17/07	--	--	0.000200 U	0.0091	--	0.00870	0.0005 U	--	0.0007 U	0.0500 U	0.00200 U
10/3/07	--	--	0.000400	0.0200	--	0.01200	0.0005 U	--	0.0007 U	0.0020 U	0.00770
3/25/08	--	--	0.000200 U	0.0142	--	0.01190	0.0008 U	--	0.0006 U	0.0500 U	0.00420
9/23/08	--	--	0.000200 U	0.0143	--	0.01000	0.0016 U	--	0.0012 U	0.0020 U	0.00400 U
3/9/09	--	--	0.000200 U	0.0116	--	0.01300	0.0043 U	--	0.0008 U	0.0011 U	0.01000 U
9/21/09	129.000	3.58000	0.003800	0.1740	35.700	0.01930	0.0020 U	286.00	0.0020 U	--	0.07890
7/30/10	--	--	0.001300	0.1100	--	0.00070 J	0.0010 U	--	0.0010 U	0.0030 J	0.03400
9/15/10	132.000	3.76000	0.003070	0.2280	19.300	0.02140	0.0050 U	174.00	0.0050 U	--	0.13600
4/25/11	96.500	1.68000	0.000260	0.0258	61.300	0.01020	0.0050 U	202.00	0.0050 U	--	0.01940
9/15/11	132.000	2.66000	0.001010	--	15.000	0.00977	0.0050 U	183.57	0.0050 U	--	0.03310
3/13/12	168.000	6.03000	0.006450	0.0260	58.600	0.01980	0.0050 U	226.00	0.0050 U	--	0.36300
9/17/12	116.000	3.07000	0.001730	0.0364	12.900	0.02250	0.0050 U	167.00	0.0050 U	--	0.04920
4/2/13	139.000	4.65000	0.000842	0.0364	33.300	0.02760	0.0050 U	279.00	0.0050 U	--	0.08110

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB105 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
9/16/13	120.000	2.10000	0.000200 U	--	70.000	0.00100 U	0.0010 U	280.00	0.0010 U	--	0.00500 U
9/19/13	120.000	3.10000	0.001400	--	12.000	0.00069 J	0.0010 U	150.00	0.0010 U	--	0.09200
9/23/13	127.000	3.53000	0.000956	0.0306	15.400	0.01570	0.0050 U	184.00	0.0050 U	--	0.03620
3/13/14	128.000	1.91000	0.000610	0.0508	51.500	0.01690	0.0050 U	224.00	0.0050 U	--	0.03070
9/8/14	137.000	5.17000	0.004373	0.0915	23.400	0.01440	0.0050 U	207.90	0.0050 U	--	0.08960
3/18/15	150.000	3.10000	0.000320	0.0037 J	89.000	0.01300 J	0.0100 U	320.00	0.0020 U	--	0.01600
9/1/15	130.000	4.70000	0.000200 U	0.0100 J	65.000	0.01600	0.0010 U	300.00	0.0010 U	--	0.00500 U
3/16/16	--	3.54000	0.000200 U	0.0211	69.300	0.01110	0.0050 U	--	0.0050 U	--	0.00500 U
8/30/16	115.000	2.76000	0.000200 U	0.0252	51.400	0.00957	0.0020 U	233.00	0.0010 U	--	0.00977
3/6/17	144.000	2.74000	0.000200 U	0.0157	86.300	0.01150	0.0050 U	346.00	0.0050 U	--	0.00500 U
9/12/17	126.000	3.46000	0.000200 U	0.0222	44.600	0.00790	0.0050 U	245.00	0.0050 U	--	0.00500 U
3/28/18	135.000	1.41000	0.000200 U	0.0129	112.000	0.00500 U	0.0050 U	337.00	0.0050 U	--	0.00500 U
9/11/18	116.000	3.44000	0.000200 U	0.0216	43.500	0.01580	0.0050 U	220.00	0.0050 U	--	0.00500 U
4/9/19	138.000	1.90000	0.000100 U	0.0108	85.700	0.00100 U	0.0010 U	253.00	0.0010 U	--	0.00130
8/1/19	121.000	5.52000	0.000315	0.0381	15.800	0.00138	0.0010 U	194.00	0.0010 U	--	0.01150
3/9/20	180.000	2.51000	0.000100 U	0.0150	89.900	0.00100 U	0.0010 U	360.00	0.0010 U	--	0.00203
7/27/20	136.000	2.29000	0.000100 U	0.0181	65.500	0.00100 U	0.0010 U	253.00	0.0010 U	--	0.00131
3/22/21	137.000	1.81000	0.000113	0.0119	93.500	0.00127	0.0010 U	307.00	0.0010 U	--	0.00497
8/30/21	143.000	5.45000	0.000100 U	0.0274	34.500	0.00100 U	0.0010 U	238.00	0.0010 U	--	0.00364
4/4/22	149.000	1.67000	0.000100 U	0.0118	111.000	0.00100 U	0.0010 U	334.00	0.0010 U	--	0.00195

Gude Landfill
Monitoring Location OB105 - Total Metals

Printed 5/25/22

	Zinc, total (mg/L)
MCL/ GWPS	
5/1/01	--
9/17/02	--
6/2/03	--
10/8/03	--
3/23/04	--
9/20/04	--
4/5/05	--
9/21/05	--
4/4/06	--
9/25/06	--
4/17/07	0.01750
10/3/07	0.07990
3/25/08	0.11310
9/23/08	0.03520
3/9/09	0.05010
9/21/09	0.55600
7/30/10	0.17000
9/15/10	0.76500
4/25/11	0.15300
9/15/11	0.15000
3/13/12	0.97500
9/17/12	0.25200
4/2/13	0.26300

Gude Landfill
Monitoring Location OB105 - Total Metals

Printed 5/25/22

	Zinc, total (mg/L)	
9/16/13	2.00000	U
9/19/13	0.49000	
9/23/13	0.15700	
3/13/14	0.18000	
9/8/14	0.39100	
3/18/15	0.07600	
9/1/15	0.08500	
3/16/16	0.03790	
8/30/16	0.05990	
3/6/17	0.02200	
9/12/17	0.04090	
3/28/18	0.05190	
9/11/18	0.01910	
4/9/19	0.02610	B
8/1/19	0.08780	B
3/9/20	0.01670	
7/27/20	0.04230	
3/22/21	0.13800	
8/30/21	0.05000	
4/4/22	0.06430	

Gude Landfill

Printed 5/25/22

Monitoring Location OB105 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200		5		7				0.2	0.05	600	5	5		75
5/1/01	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	1.00 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/17/02	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
6/2/03	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
10/8/03	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	1.00 U	0.17 U	0.21 U	0.19 U	1.00 U
3/23/04	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/20/04	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/5/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/4/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/25/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/17/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
10/3/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
3/25/08	0.18 U	0.18 U	0.21 U	0.23 U	0.22 U	0.18 U	0.26 U	0.14 U	0.24 U	0.16 U	0.25 U	0.18 U	0.17 U	0.20 U	10.00 U
9/23/08	0.12 U	0.17 U	0.14 U	0.17 U	0.14 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	0.10 U	0.13 U	0.15 U	0.13 U	1.46
3/9/09	0.12 U	0.17 U	0.14 U	0.17 U	0.14 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	10.00 U	0.13 U	0.15 U	0.13 U	10.00 U
9/21/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.23 J	1.00 U
7/30/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.00
9/15/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.55 J	2.00 U
4/25/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/15/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill

Printed 5/25/22

Monitoring Location OB105 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
3/13/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	3.90
9/17/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.51
4/2/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	7.03
9/23/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	3.66
9/8/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	4.22
3/18/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.78
9/1/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.37
3/16/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.05
8/30/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.88
3/6/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.87
9/12/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.52
3/28/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.61
4/9/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/1/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.70
3/9/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.20
7/27/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	2.70
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	3.00
4/4/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB105 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
5/1/01	--	1.00 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
9/17/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
6/2/03	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
10/8/03	1.35	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	1.00 U	0.15 U	0.28 U	0.20 U	0.23 U
3/23/04	--	0.18 U	--	1.00 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	1.00 U	0.15 U	0.28 U	0.20 U	0.23 U
9/20/04	0.29 U	1.30	--	0.39 U	--	1.00 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/5/05	1.00 U	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/21/05	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/4/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/25/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	2.50 U	0.25 U	0.40 U	0.31 U	0.27 U
4/17/07	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
10/3/07	0.29 U	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	1.00 U	0.31 U	0.27 U
3/25/08	--	--	--	--	--	0.24 U	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	0.17 U	0.10 U	0.21 U
9/23/08	--	--	--	--	--	0.50 U	0.14 U	0.11 U	0.16 U	0.50 U	--	0.14 U	0.50 U	0.13 U	0.12 U
3/9/09	--	--	--	--	--	0.09 U	0.14 U	0.11 U	0.16 U	0.50 U	--	0.14 U	0.50 U	0.13 U	0.12 U
9/21/09	1.00 U	1.00 U	1.00 U	1.27	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	0.60 J	1.00 U	1.00 U
7/30/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/15/10	2.00 U	2.00 U	2.00 U	31.10	2.00 U	0.90 J	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	0.55 J	0.89 J	2.00 U
4/25/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/15/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB105 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
3/13/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/17/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.24	1.00 U	1.00 U
9/23/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/16/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/9/19	5.00 U	5.00 U	5.00 U	9.40 B	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/1/19	5.00 U	5.00 U	5.00 U	6.90	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/20	5.00 U	5.00 U	5.00 U	5.10	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/27/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB105 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
5/1/01	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
9/17/02	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
6/2/03	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
10/8/03	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
3/23/04	1.00 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
9/20/04	0.25 U	3.19	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/5/05	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
9/21/05	0.25 U	3.71	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/4/06	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
9/25/06	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	2.00 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/17/07	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
10/3/07	0.25 U	8.03	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
3/25/08	0.50 U	0.25 U	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.15 U	0.12 U	0.22 U	0.20 U	0.20 U	0.28 U	0.22 U
9/23/08	0.20 U	7.14	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.16 U	0.12 U	0.14 U
3/9/09	0.20 U	0.14 U	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.16 U	0.12 U	0.14 U
9/21/09	1.00 U	11.10	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/10	1.00 U	13.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/15/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	0.77 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/25/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/15/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location OB105 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
3/13/12	1.00 U	14.00	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/17/12	1.00 U	15.00	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/2/13	1.00 U	24.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	1.00 U	11.40	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/14	1.00 U	11.60	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/15	1.00 U	3.17	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/15	1.00 U	5.54	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/16/16	1.00 U	7.11	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/16	1.00 U	6.64	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/17	1.00 U	3.99	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/17	1.00 U	6.77	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	5.77	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/9/19	1.00 U	1.90	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/1/19	1.00 U	7.60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/20	1.00 U	2.00	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/27/20	1.00 U	5.30	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/21	1.00 U	4.20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB105 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
5/1/01	0.13 U	1.00 U	0.19 U	0.18 U	--	--	--
9/17/02	0.13 U	0.14 U	0.19 U	0.18 U	--	--	--
6/2/03	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
10/8/03	0.13 U	0.14 U	1.00 U	0.18 U	--	0.51	--
3/23/04	0.13 U	1.00 U	1.00 U	0.18 U	--	0.04	--
9/20/04	0.24 U	0.30 U	1.00 U	0.36 U	--	1.01	--
4/5/05	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/21/05	0.24 U	0.30 U	1.00 U	0.36 U	--	1.31	--
4/4/06	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/25/06	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
4/17/07	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
10/3/07	0.24 U	0.30 U	1.00 U	0.36 U	--	2.04	--
3/25/08	0.08 U	--	0.23 U	0.07 U	--	0.22 U	--
9/23/08	0.13 U	--	0.69	0.10 U	--	0.18 U	--
3/9/09	0.13 U	--	0.13 U	0.10 U	--	0.18 U	--
9/21/09	1.00 U	1.00 U	1.25	1.00 U	--	1.51	--
7/30/10	1.00 U	5.00 U	1.00	1.00 U	1.00 U	1.00 U	--
9/15/10	2.00 U	2.00 U	1.38 J	2.00 U	2.00 U	3.03	--
4/25/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/15/11	1.00 U	5.00 U	2.10	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location OB105 - Volatile Organic Compounds

Printed 5/25/22

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
3/13/12	1.00 U	5.00 U	1.40	1.00 U	1.00 U	1.00 U	1.00 U
9/17/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/2/13	1.00 U	5.00 U	2.96	1.00 U	5.00 U	1.66	--
9/23/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/13/14	1.00 U	5.00 U	1.47	1.00 U	5.00 U	1.00 U	--
9/8/14	1.00 U	5.00 U	1.46	1.00 U	5.00 U	1.00 U	--
3/18/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/1/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/16/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
8/30/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/6/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/12/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/28/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/9/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/1/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/9/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/27/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
4/4/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location ST015 - Dissolved Metals

Printed 5/25/22

Nickel, dissolved (mg/L)

MCL/
GWPS

9/6/11	0.01	U
3/5/12	0.01	
9/12/12	0.01	U
3/18/13	0.01	
9/16/13	0.01	U

Gude Landfill
Monitoring Location ST015 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
MCL/ GWPS					0.2			10		1			
5/2/01	--	--	--	82.1356	0.002	--	--	--	--	--	--	--	--
3/31/04	--	--	--	--	0.473	--	--	--	--	--	--	--	--
9/21/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
4/6/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
9/21/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--
4/5/06	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
9/26/06	--	--	--	--	0.001	--	--	--	--	--	--	--	--
4/18/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
10/4/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
3/27/08	--	--	--	--	--	--	--	--	--	--	--	--	--
9/22/09	80.0	0.20 U	7.5 J	58.2000	--	--	160.0	1.4650	--	--	--	--	--
8/3/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--
9/23/10	79.0	0.20 U	6.7 J	67.7000	--	--	160.0	1.3876	1.40	0.01 J	--	--	--
4/18/11	98.0	0.20 U	24.8	38.1000	--	--	95.0	0.4010	0.45	0.05 U	--	--	--
9/6/11	31.0	0.20 U	14.1	5.3200	--	--	29.0	0.2000 U	0.20 U	0.05 U	--	--	--
3/5/12	99.0	0.20 U	22.8	157.0000	--	--	122.0	0.7990	0.85	0.05 U	--	--	--
9/12/12	38.0	0.20 U	14.5	13.1000	--	--	48.0	0.2000 U	0.20 U	0.05 U	--	--	--
3/18/13	68.0	0.20 U	10.0 U	75.3000	--	11.65	124.0	1.6600	1.67	0.05 U	--	6.46	--
9/16/13	29.0	0.20 U	10.0 U	10.2000	--	7.82	36.0	0.2000 U	0.20 U	0.05 U	284.0	6.83	--

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location ST015 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
3/11/14	180.0	0.90	36.2	1090.0000	--	9.99	252.0	1.6949	--	--	401.0	6.64	--
9/10/14	52.0	0.20 U	10.0 U	30.7000	--	5.34	74.0	0.2000 U	0.20 U	0.05 U	--	6.61	--
3/23/15	154.0	0.23	35.5	806.0000	--	14.50	246.0	1.1400	1.19	0.05 U	369.0	8.01	--
3/23/16	136.0	0.20 U	17.6	397.0000	--	9.70	244.0	0.5244	0.58	0.06	--	6.83	--
8/30/16	100.0	0.48	12.7	80.9000	--	3.47	140.0	0.2000 U	0.20 U	0.05 U	135.0	6.71	--
3/8/17	59.0	0.20 U	14.3	240.0000	--	9.50	124.0	1.0700	1.08	0.05 U	194.0	6.99	--
9/18/17	83.0	0.20 U	11.4	62.4000	--	4.73	108.0	0.2000 U	0.20 U	0.05 U	231.0	6.93	--
4/3/18	104.0	0.20 U	26.4	1040.0000	--	8.17	197.0	0.2200	0.27	0.05 U	138.0	6.68	--
9/11/18	76.1	0.20 U	10.0 U	9.1100	--	6.58	81.0	1.2000	1.21	0.05 U	201.0	6.96	--
4/8/19	78.7	0.10 U	17.3	142.0000	--	10.08	159.0 B	1.4000	--	--	145.3	7.25	7.30
8/1/19	74.5	0.10 U	3.0 U	108.0000	--	7.96	160.0	1.7000	--	--	110.8	8.36	7.41
3/10/20	65.6	0.10 J	4.3	90.9000	--	11.21	150.0	1.8100	--	--	145.6	8.67	7.61
8/3/20	74.6	0.10 U	16.6	94.3000	--	7.08	158.0	1.3300	--	--	26.8	7.33	7.14
3/29/21	64.0	0.10 U	10.6	114.0000	--	11.95	97.5	0.9390	--	--	129.7	7.93	7.59
9/3/21	106.0	0.05 U	24.5	79.2000	--	8.71	170.0	1.4600	--	--	137.1	8.00	7.54
3/28/22	67.3	0.08	3.0 U	105.0000	--	8.71	143.0	1.5600	--	--	137.1	8.00	7.35

Gude Landfill
Monitoring Location ST015 - General Parameters

Printed 5/25/22

	Phosphate (mg/L)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS											
5/2/01	--	--	--	--	--	--	--	--	--	2.000	--
3/31/04	0.010 U	--	--	--	--	--	--	0 U	--	--	--
9/21/04	0.017	--	--	--	--	--	--	0 U	--	--	--
4/6/05	0.011	--	--	--	--	--	--	0 U	--	--	--
9/21/05	0.016	--	--	--	--	--	--	0	--	--	--
4/5/06	0.017	--	--	--	--	--	--	0	--	--	--
9/26/06	0.018	--	--	--	--	--	--	--	--	--	--
4/18/07	0.018	--	--	--	--	--	--	0 U	--	--	--
10/4/07	--	--	--	--	--	--	--	0 U	--	--	--
3/27/08	--	--	--	--	--	--	--	0	--	--	--
9/22/09	--	--	--	20.70	--	--	280.0	--	--	3.040	--
8/3/10	--	--	--	--	3.0 U	--	--	--	--	--	--
9/23/10	--	--	--	25.50	--	--	404.0	--	--	6.060	--
4/18/11	--	--	--	7.19	--	--	204.0	--	--	25.600	--
9/6/11	--	--	--	4.42	--	--	1276.0	--	--	--	--
3/5/12	--	--	--	8.46	--	--	392.0	--	--	--	--
9/12/12	--	--	--	4.00 U	--	--	100.0	--	--	--	--
3/18/13	--	526.3	--	12.60	--	5.8	222.0	--	--	--	--
9/16/13	--	93.3	--	4.00 U	--	19.0	6.0	--	--	--	6.20

Gude Landfill
Monitoring Location ST015 - General Parameters

Printed 5/25/22

	Phosphate (mg/L)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
3/11/14	--	3441.0	--	25.30	--	9.4	2028.0	--	--	--	16.40
9/10/14	--	200.0	--	4.59	--	20.9	134.0	--	--	--	--
3/23/15	--	2406.0	--	20.90	--	8.5	1468.0	--	--	--	15.90
3/23/16	--	1331.0	--	19.60	--	13.0	823.0	--	--	--	3.90
8/30/16	--	367.0	--	4.00 U	--	23.8	197.0	--	--	--	3.80
3/8/17	--	791.8	--	9.19	--	11.9	482.0	--	--	--	7.00
9/18/17	--	290.1	--	4.94	--	20.6	199.0	--	--	--	0.00
4/3/18	--	2984.0	--	16.40	--	10.6	1850.0	--	--	--	5.10
9/11/18	--	201.0	--	50.30	--	20.0	174.0	--	--	--	7.80
4/8/19	--	752.0	627.0	15.70	--	19.9	380.0	--	4.8	4.740	130.00
8/1/19	--	0.5	523.0	18.50	--	24.2	338.0	--	2.5 U	1.210	0.00
3/10/20	--	410.1	472.0	13.50	--	10.7	275.0	--	2.7 U	4.280	0.50
8/3/20	--	480.3	504.0	13.20	--	22.2	310.0	--	4.7	2.500 O-	9.10
3/29/21	--	454.9	527.0	12.70	--	13.4	280.0	--	4.4	5.320	10.02
9/3/21	--	450.2	499.0	21.60	--	17.0	330.0 B	--	2.9 U	3.930	5.30
3/28/22	--	450.2	517.2	12.40	--	17.0	275.0	--	13.6	4.300	5.30

Gude Landfill
Monitoring Location ST015 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
5/2/01	0.0007 U	0.0020 U	0.0278	0.0005 U	--	0.0006 U	--	0.0020 U	0.0007 U	0.0169	--	0.00130 U
3/31/04	0.0009 U	0.0008 U	0.0449	0.0016 U	--	0.0007 U	--	0.0020 U	0.0020 U	0.0149	--	0.00200 U
9/21/04	0.0028 U	0.0006 U	0.0470	0.0012 U	--	0.0003 U	--	0.0020 U	0.0020 U	0.0104	--	0.00200 U
4/6/05	0.0028 U	0.0006 U	0.0451	0.0012 U	--	0.0003 U	--	0.0020 U	0.0020 U	0.0159	--	0.00200 U
9/21/05	0.0028 U	0.0006 U	0.0511	0.0012 U	--	0.0020 U	--	0.0007 U	0.0005 U	0.0100	--	0.00200 U
4/5/06	0.0006 U	0.0006 U	0.0468	0.0007 U	--	0.0004 U	--	0.0020 U	0.0020 U	0.0074	--	0.00200 U
9/26/06	0.0007 U	0.0008 U	0.0502	0.0009 U	--	0.0006 U	--	0.0020 U	0.0005 U	0.0055	--	0.00070 U
4/18/07	0.0007 U	0.0008 U	0.0481	0.0009 U	0.084	--	--	0.0007 U	0.0020 U	0.0059	--	0.00070 U
10/4/07	0.0020 U	0.0008 U	0.0545	0.0009 U	0.083	--	--	0.0020 U	0.0020 U	0.0076	--	0.00200 U
3/27/08	0.0005 U	0.0006 U	0.0454	0.0010 U	0.077	--	--	0.0020 U	0.0020 U	0.0050	--	0.00200 U
3/5/09	0.0020 U	0.0020 U	0.0786	0.0010 U	0.072	--	--	0.0041	0.0027	0.0139	--	0.00320
9/22/09	0.0020 U	0.0020 U	0.0588	0.0020 U	--	0.0020 U	33.40	0.0020 U	0.0005 J	0.0058	0.3720	0.00200 U
8/3/10	0.0010 U	0.0008 J	0.0600	0.0010 U	--	0.0010 U	--	0.0007 J	0.0008 J	0.0023	--	0.00100 U
9/23/10	0.0050 U	0.0050 U	0.0681	0.0050 U	--	0.0050 U	32.50	0.0050 U	0.0050 U	0.0077	0.7010	0.00500 U
4/18/11	0.0050 U	0.0050 U	0.0290	0.0050 U	--	0.0050 U	27.40 J	0.0050 U	0.0050 U	0.0062	0.8630	0.00500 U
9/6/11	0.0050 U	0.0050 U	0.0197	0.0050 U	--	0.0050 U	10.30	0.0050 U	0.0050 U	0.0050 U	0.5000 U	0.00500 U
3/5/12	0.0050 U	0.0050 U	0.0367	0.0050 U	--	0.0050 U	31.20	0.0050 U	0.0050 U	0.0081	0.8460	0.00500 U
9/12/12	0.0050 U	0.0050 U	0.0197	0.0050 U	--	0.0050 U	14.40	0.0050 U	0.0050 U	0.0050 U	0.6800	0.00500 U
3/18/13	0.0050 U	0.0050 U	0.0630	0.0050 U	--	0.0050 U	31.10	0.0050 U	0.0050 U	0.0058	0.4540	0.00500 U
9/16/13	0.0050 U	0.0050 U	0.0165	0.0050 U	--	0.0050 U	11.40	0.0050 U	0.0050 U	0.0050 U	0.3450	0.00500 U
3/11/14	0.0050 U	0.0050 U	0.0888	0.0050 U	--	0.0050 U	61.70	0.0050 U	0.0050 U	0.0089	0.2000 U	0.00500 U
9/10/14	0.0050 U	0.0050 U	0.0288	0.0050 U	--	0.0050 U	20.10	0.0050 U	0.0050 U	0.0050 U	0.6200	0.00500 U
3/23/15	0.0020 U	0.0020 U	0.0630	0.0020 U	--	0.0040 U	70.00	0.0100 U	0.0100 U	0.0062 J	0.4400	0.00200 U

Gude Landfill
Monitoring Location ST015 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
3/23/16	0.0050 U	0.0050 U	0.0948	0.0050 U	--	0.0050 U	60.30	0.0050 U	0.0050 U	0.0056	0.8250	0.00500 U
8/30/16	0.0050 U	0.0050 U	0.0409	0.0050 U	--	0.0050 U	29.50	0.0050 U	0.0050 U	0.0050 U	2.1700	0.00500 U
3/8/17	0.0050 U	0.0050 U	0.0440	0.0050 U	--	0.0050 U	28.90	0.0050 U	0.0050 U	0.0270	0.6860	0.00500 U
9/18/17	0.0050 U	0.0050 U	0.0422	0.0050 U	--	0.0050 U	26.80	0.0050 U	0.0050 U	0.0050 U	1.4500	0.00500 U
4/3/18	0.0050 U	0.0050 U	0.0981	0.0050 U	--	0.0050 U	54.90	0.0050 U	0.0050 U	0.0050 U	0.7860	0.00500 U
9/11/18	0.0050 U	0.0050 U	0.0535	0.0050 U	--	0.0050 U	10.30	0.0050 U	0.0050 U	0.0070	3.5400	0.00500 U
4/8/19	0.0010 U	0.0010 U	0.0692	0.0010 U	--	0.0010 U	30.00	0.0010 U	0.0013	0.0022	0.3560	0.00100 U
8/1/19	0.0010 U	0.0010 U	0.0717	0.0010 U	--	0.0010 U	33.10	0.0010 U	0.0010 U	0.0010 U	0.1650	0.00100 U
3/10/20	0.0010 U	0.0010 U	0.0847	0.0010 U	--	0.0010 U	28.60	0.0010 U	0.0011	0.0010 U	0.3640	0.00100 U
8/3/20	0.0010 U	0.0010 U	0.0768	0.0010 U	--	0.0010 U	32.40	0.0010 U	0.0010 U	0.0010	0.3060	0.00100 U
3/29/21	0.0010 U	0.0010 U	0.0442	0.0010 U	--	0.0010 U	20.80	0.0010	0.0010 U	0.0029	0.4290	0.00100 U
9/3/21	0.0010 U	0.0010 U	0.0617	0.0010 U	--	0.0010 U	31.30	0.0010 U	0.0010 U	0.0015	0.2280	0.00100 U
3/28/22	0.0010 U	0.0010 U	0.0689	0.0010 U	--	0.0010 U	30.20	0.0010 U	0.0015	0.0018	0.4280	0.00100 U

Gude Landfill
Monitoring Location ST015 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002			
5/2/01	--	0.10650	0.000100 U	0.0050	--	0.00180 U	0.0052 U	--	0.0009 U	0.2000 U	0.00200 U	--
3/31/04	--	0.28460	0.000200 U	0.0091	--	0.00070 U	0.0022 U	--	0.0004 U	0.0020 U	0.00200 U	--
9/21/04	--	0.14480	0.000100 U	0.0060	--	0.00100 U	0.0018 U	--	0.0006 U	0.0003 U	0.00200 U	--
4/6/05	--	0.13940	0.000100 U	0.0090	--	0.00100 U	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U	--
9/21/05	--	0.11850	0.000100 U	0.0047	--	0.00100 U	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U	--
4/5/06	--	0.18260	0.000100 U	0.0091	--	0.00150 U	0.0004 U	--	0.0004 U	0.0050 U	0.00040 U	--
9/26/06	--	0.12610	0.000200 U	0.0043	--	0.00080 U	0.0005 U	--	0.0007 U	0.0050 U	0.00070 U	--
4/18/07	--	--	0.000200 U	0.0087	--	0.00200 U	0.0005 U	--	0.0007 U	0.0500 U	0.00070 U	0.02460
10/4/07	--	--	0.000200 U	0.0069	--	0.00080 U	0.0005 U	--	0.0007 U	0.0024	0.00200 U	0.01870
3/27/08	--	--	0.000200 U	0.0097	--	0.00200 U	0.0001 U	--	0.0001 U	0.0500 U	0.00200 U	0.02960
3/5/09	--	--	0.000200 U	0.0172	--	0.00090 U	0.0008 U	--	0.0006 U	0.0011 U	0.00270	0.05360
9/22/09	13.700	0.10100	0.000200 U	0.0083	2.590	0.00200 U	0.0020 U	24.50	0.0020 U	--	0.00030 J	0.02020
8/3/10	--	--	0.000200 U	0.0065	--	0.00100 U	0.0010 U	--	0.0005 J	0.0050 U	0.00500 U	0.02300
9/23/10	15.000	0.19000	0.000200 U	0.0078	2.580	0.00500 U	0.0050 U	24.80	0.0050 U	--	0.00500 U	0.01740
4/18/11	8.500	0.10900	0.000200 U	0.0052	3.480	0.00500 U	0.0050 U	28.00 J	0.0050 U	--	0.00500 U	0.01310
9/6/11	2.230	0.04340	0.000200 U	--	2.150	0.00500 U	0.0050 U	4.33	0.0050 U	--	0.00500 U	0.01030
3/5/12	12.000	0.24500	0.000200 U	--	4.160	0.00500 U	0.0050 U	108.00	0.0050 U	--	0.00500 U	0.01550
9/12/12	3.730	0.07660	0.000200 U	--	1.480	0.00500 U	0.0050 U	7.36	0.0050 U	--	0.00500 U	0.00650
3/18/13	16.000	0.15500	0.000200 U	--	2.110	0.00500 U	0.0050 U	29.10	0.0050 U	--	0.00500 U	0.02070
9/16/13	3.010	0.03820	0.000200 U	--	1.140	0.00500 U	0.0050 U	7.17	0.0050 U	--	0.00500 U	0.00503
3/11/14	20.300	0.32900	0.000200 U	0.0119	6.830	0.00500 U	0.0050 U	607.00	0.0050 U	--	0.00500 U	0.01670
9/10/14	5.930	0.20100	0.000200 U	0.0050 U	1.630	0.00500 U	0.0050 U	12.30	0.0050 U	--	0.00500 U	0.00583
3/23/15	19.000	0.25000	0.000200 U	0.0130	7.700	0.03500 U	0.0100 U	450.00	0.0020 U	--	0.01000 U	0.01900

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location ST015 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
3/23/16	26.200	0.48200	0.000200 U	0.0129	4.780	0.00500 U	0.0050 U	233.00	0.0050 U	--	0.00500 U	0.01040
8/30/16	11.300	0.73800	0.000200 U	0.0050 U	1.780	0.00500 U	0.0050 U	25.50	0.0050 U	--	0.00500 U	0.00564
3/8/17	7.790	0.11700	0.000200 U	0.0064	2.630	0.00500 U	0.0050 U	143.00	0.0050 U	--	0.00500 U	0.00578
9/18/17	10.300	0.45200	0.000200 U	0.0057	1.710	0.00500 U	0.0050 U	18.80	0.0050 U	--	0.00500 U	0.02890
4/3/18	14.500	0.30700	0.000200 U	0.0091	4.560	0.00500 U	0.0050 U	566.00	0.0050 U	--	0.00500 U	0.02030
9/11/18	13.400	0.06410	0.000200 U	0.0050 U	1.670	0.00500 U	0.0050 U	35.30	0.0050 U	--	0.00500 U	0.02050
4/8/19	20.400	0.25400	0.000100 U	0.0075	2.340	0.00100 U	0.0010 U	55.70	0.0010 U	--	0.00100 U	0.01070
8/1/19	18.800	0.11200	0.000100 U	0.0043	2.170	0.00100 U	0.0010 U	32.80	0.0010 U	--	0.00100 U	0.00441 B
3/10/20	19.100	0.15500	0.000100 U	0.0088	1.930	0.00100 U	0.0010 U	31.20	0.0010 U	--	0.00100 U	0.01790
8/3/20	18.800	0.18600	0.000100 U	0.0055	2.200	0.00100 U	0.0010 U	30.30	0.0010 U	--	0.00115	0.00817
3/29/21	11.000	0.12900	0.000100 U	0.0029	1.510	0.00100 U	0.0010 U	51.60	0.0010 U	--	0.00100 U	0.01710
9/3/21	22.200	0.08780	0.000100 U	0.0062	2.270	0.00100 U	0.0010 U	25.30	0.0010 U	--	0.00134	0.00954
3/28/22	16.400	0.17600	0.000100 U	0.0107	1.960 B	0.00100 U	0.0010 U	38.50	0.0010 U	--	0.00100 U	0.01840

Gude Landfill

Printed 5/25/22

Monitoring Location ST015 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200		5		7				0.2	0.05	600	5	5		75
5/2/01	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
3/31/04	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	1.00 U	0.22 U	0.21 U	1.00 U	0.20 U	1.00 U	0.17 U	0.21 U	0.19 U	1.00 U
9/21/04	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/6/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	1.00 U	0.28 U	0.43 U	0.27 U	0.34 U	0.33 U	0.44 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/5/06	1.00 U	0.24 U	2.82	1.80	0.27 U	0.37 U	0.35 U	3.69	5.52	2.56	10.00 U	1.00 U	1.00 U	2.01	10.00 U
9/26/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/18/07	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
10/4/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
3/27/08	0.18 U	0.18 U	0.21 U	0.23 U	0.22 U	0.18 U	0.26 U	0.14 U	0.24 U	0.16 U	0.25 U	0.18 U	0.17 U	0.20 U	10.00 U
3/5/09	0.12 U	0.17 U	0.14 U	0.17 U	0.50 U	0.50 U	0.13 U	0.17 U	0.20 U	0.08 U	10.00 U	0.13 U	0.15 U	0.13 U	10.00 U
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.46 J
8/3/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/18/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/5/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/12/12	1.00 U	1.00 U	1.00 U	1.00 U	3.65	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/16/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location ST015 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
3/11/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/3/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/1/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/10/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST015 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
5/2/01	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
3/31/04	3.27	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	1.00 U	0.15 U	0.28 U	0.20 U	0.23 U
9/21/04	0.29 U	1.33	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/6/05	0.29 U	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/21/05	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/5/06	2.58	3.49	--	3.90	--	0.28 U	1.00 U	1.00 U	1.09	1.00 U	0.75 U	0.25 U	1.00 U	0.31 U	0.27 U
9/26/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/18/07	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
10/4/07	0.29 U	0.19 U	--	0.39 U	--	1.11	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
3/27/08	--	--	--	--	--	0.24 U	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	0.17 U	0.10 U	0.21 U
3/5/09	--	--	--	--	--	0.09 U	0.14 U	0.11 U	0.16 U	0.50 U	--	0.14 U	0.16 U	0.13 U	0.12 U
9/22/09	1.00 U	1.00 U	1.00 U	0.94 J	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.22 J	2.50 U	1.00 U	1.00 U	0.08 J	1.00 U
8/3/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/10	0.56 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/18/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/5/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/16/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST015 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
3/11/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/3/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	5.00 U	5.00 U	5.00 U	5.20	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/1/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/10/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST015 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
5/2/01	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
3/31/04	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	1.00 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
9/21/04	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
4/6/05	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
9/21/05	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/5/06	0.25 U	0.28 U	1.00 U	1.04	1.00 U	2.00 U	0.28 U	--	2.33	1.00 U	1.00 U	1.00 U	0.36 U	0.32 U	0.45 U
9/26/06	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/18/07	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
10/4/07	0.25 U	0.28 U	0.29 U	0.27 U	1.15	3.64	0.28 U	--	0.25 U	0.34 U	1.45	0.25 U	0.36 U	5.94	0.45 U
3/27/08	0.15 U	0.76	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.15 U	0.12 U	0.22 U	0.20 U	0.20 U	0.28 U	0.22 U
3/5/09	0.20 U	1.00	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.16 U	0.12 U	0.14 U
9/22/09	1.00 U	0.53 J	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/18/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/6/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
3/5/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/12/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/16/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location ST015 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
3/11/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/10/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/3/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/1/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/10/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST015 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
5/2/01	0.13 U	0.14 U	0.19 U	0.18 U	--	--	--
3/31/04	0.13 U	0.14 U	1.08	0.18 U	--	0.05	--
9/21/04	0.24 U	0.30 U	1.05	0.36 U	--	0.32 U	--
4/6/05	0.24 U	1.00 U	1.00 U	0.36 U	--	0.32 U	--
9/21/05	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
4/5/06	1.06	1.83	1.00 U	0.36 U	--	0.32 U	--
9/26/06	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
4/18/07	0.24 U	0.30 U	1.40	0.36 U	--	0.32 U	--
10/4/07	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
3/27/08	0.08 U	--	1.10	0.07 U	--	0.22 U	--
3/5/09	0.13 U	--	2.20	0.50 U	--	0.18 U	--
9/22/09	1.00 U	1.00 U	0.62 J	1.00 U	--	1.00 U	--
8/3/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	--
4/18/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/5/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/18/13	1.00 U	5.00 U	1.50	1.00 U	5.00 U	1.00 U	--
9/16/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--

Gude Landfill
Monitoring Location ST015 - Volatile Organic Compounds

Printed 5/25/22

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
3/11/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/10/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/23/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/23/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
8/30/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/8/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/18/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/3/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/1/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/10/20	1.00 U	1.00 U	1.10	1.00 U	1.00 U	1.00 U	--
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/29/21	1.00 U	1.00 U	1.90	1.00 U	1.00 U	1.00 U	--
9/3/21	1.00 U	1.00 U	1.10	1.00 U	1.00 U	1.00 U	--
3/28/22	1.00 U	1.00 U	1.70	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location ST065 - Dissolved Metals

Printed 5/25/22

Nickel, dissolved (mg/L)

MCL/
GWPS

9/12/11	0.01	
3/5/12	0.01	
9/11/12	0.01	U
3/27/13	0.01	
9/11/13	0.01	U

Gude Landfill
Monitoring Location ST065 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
MCL/ GWPS					0.2			10		1			
4/3/01	--	--	--	90.7963	0.005 U	--	--	1.2261	--	--	--	--	--
9/5/01	--	--	--	42.5057	0.002	--	--	--	--	--	--	--	--
3/12/02	--	--	--	249.4420	0.004	--	--	--	--	--	--	--	--
9/16/02	--	--	--	45.8664	0.001 U	--	--	--	--	--	--	--	--
6/3/03	--	--	--	69.5377	0.005 U	--	--	--	--	--	--	--	--
10/8/03	--	--	--	--	0.006	--	--	--	--	--	--	--	--
3/24/04	--	--	--	--	0.006	--	--	--	--	--	--	--	--
9/21/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
4/6/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
9/21/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--
4/5/06	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
9/26/06	--	--	--	--	0.630	--	--	--	--	--	--	--	--
4/18/07	--	--	--	--	0.119	--	--	--	--	--	--	--	--
10/2/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
3/25/08	--	--	--	--	--	--	--	--	--	--	--	--	--
9/23/08	--	--	--	--	--	--	--	--	--	--	--	--	--
9/22/09	70.0	0.20 U	34.8	51.7000	--	--	100.0	0.2000 U	--	--	--	--	--
8/3/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--
9/20/10	88.0	0.20 U	7.7 J	98.4000	--	--	170.0	1.1170	1.12	0.05 U	--	--	--

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location ST065 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
4/18/11	243.0	0.20 U	35.1	99.6000	--	--	180.0	0.3920	0.44	0.05 U	--	--	--
9/12/11	203.0	0.20 U	39.2	154.0000	--	--	174.0	0.2000 U	0.20 U	0.05 U	--	--	--
3/5/12	237.0	0.20 U	32.6	136.0000	--	--	178.0	0.6210	0.63	0.05 U	--	--	--
9/11/12	98.0	0.20 U	10.5	91.5000	--	--	150.0	0.6540	0.70	0.05 U	--	--	--
3/27/13	253.0	0.20 U	60.7	171.0000	--	10.33	196.0	0.2000 U	0.20 U	0.05 U	--	6.42	--
9/11/13	112.0	0.20 U	10.0 U	68.4000	--	8.15	170.0	1.1600	1.17	0.05 U	337.0	7.48	--
3/24/14	74.0	0.20 U	18.6	586.0000	--	14.74	174.0	1.3700	--	--	505.0	7.88	--
9/2/14	174.0	0.20 U	110.0	89.2000	--	6.81	158.0	1.0775	1.14	0.06	--	8.07	--
3/17/15	65.0	0.20 U	10.0	273.0000	--	12.08	120.0	1.1500	1.20	0.05 U	356.0	7.53	--
3/17/16	68.0	0.20 U	10.0 U	192.0000	--	12.43	156.0	1.3000	1.35	0.05 U	--	7.69	--
9/4/18	272.0	0.20 U	41.3	96.3000	--	4.47	201.0	0.2000 U	0.20 U	0.05 U	111.0	7.36	--
4/8/19	89.1	0.15	18.9	171.0000	--	10.43	173.0 B	2.0000	--	--	135.9	7.72	7.77
7/30/19	78.5	0.10 U	21.5	98.1000	--	8.05	142.0 B	1.6000	--	--	200.0	7.76	7.66
3/2/20	79.5	0.10 U	10.8	105.0000	--	13.92	142.0	1.9000	--	--	241.6	7.84	7.97
7/29/20	66.1	0.10 U	16.7	97.4000	--	7.99	146.0	1.1200	--	--	76.6	7.73	7.70
3/29/21	76.0	0.12	15.1	278.0000	--	11.58	147.0	0.8280	--	--	50.0	2.49	7.92
9/7/21	76.7	0.05 U	11.9	74.3000	--	8.69	125.0	1.2100	--	--	240.9	7.83	7.45
3/29/22	79.0	0.02 J	6.6	198.0000	--	8.69	175.0	1.2000	--	--	240.9	7.83	7.59

Gude Landfill
Monitoring Location ST065 - General Parameters

Printed 5/25/22

	Phosphate (mg/L)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS											
4/3/01	--	--	--	--	--	--	--	--	--	8.900	--
9/5/01	--	--	--	--	--	--	--	--	--	1.500	--
3/12/02	--	--	--	--	--	--	--	--	--	1.880	--
9/16/02	--	--	--	--	--	--	--	--	--	0.200	--
6/3/03	0.010	--	--	--	--	--	--	0	--	4.500	--
10/8/03	0.010 U	--	--	--	--	--	--	0 U	--	--	--
3/24/04	0.001 U	--	--	--	--	--	--	--	--	--	--
9/21/04	0.010 U	--	--	--	--	--	--	0 U	--	--	--
4/6/05	0.003 U	--	--	--	--	--	--	0 U	--	--	--
9/21/05	0.010	--	--	--	--	--	--	0	--	--	--
4/5/06	0.012	--	--	--	--	--	--	0	--	--	--
9/26/06	0.011	--	--	--	--	--	--	0	--	--	--
4/18/07	0.011	--	--	--	--	--	--	0 U	--	--	--
10/2/07	0.026	--	--	--	--	--	--	0 U	--	--	--
3/25/08	--	--	--	--	--	--	--	0 U	--	--	--
9/23/08	--	--	--	--	--	--	--	0 U	--	--	--
9/22/09	--	--	--	5.32	--	--	196.0	--	--	90.300	--
8/3/10	--	--	--	--	3.0 U	--	--	--	--	--	--
9/20/10	--	--	--	10.80	--	--	500.0	--	--	0.696	--

Gude Landfill

Printed 5/25/22

Monitoring Location ST065 - General Parameters

	Phosphate (mg/L)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
4/18/11	--	--	--	26.60 J	--	--	524.0	--	--	8.260	--
9/12/11	--	--	--	32.80	--	--	588.0	--	--	--	--
3/5/12	--	--	--	25.40	--	--	532.0	--	--	--	--
9/11/12	--	--	--	10.40	--	--	360.0	--	--	--	--
3/27/13	--	1.0	--	26.30	--	7.3	562.0	--	--	--	--
9/11/13	--	466.9	--	29.20	--	23.5	352.0	--	--	--	0.00
3/24/14	--	1916.0	--	19.80	--	5.9	1038.0	--	--	--	--
9/2/14	--	563.0	--	10.70	--	22.8	370.0	--	--	--	--
3/17/15	--	813.1	--	13.50	--	10.6	470.0	--	--	--	7.50
3/17/16	--	694.3	--	14.00	--	10.1	473.0	--	--	--	1.00
9/4/18	--	807.0	--	10.40	--	24.0	459.0	--	--	--	7.80
4/8/19	--	712.0	752.0	18.00	--	14.3	430.0	--	2.6 U	1.650	6.90
7/30/19	--	529.0	505.0	12.50	--	22.9	321.0	--	2.5 U	0.760	0.00
3/2/20	--	420.4	520.0	14.00	--	8.8	310.0	--	2.6 U	1.320	328.30
7/29/20	--	495.2	487.0	10.30	--	24.8	268.0	--	2.3 U	0.544	17.80
3/29/21	--	859.0	1070.0	14.10	--	11.1	550.0	--	6.8	3.640	4.92
9/7/21	--	3998.0	407.0	9.20	--	19.2	259.0	--	2.3 U	0.842	4.20
3/29/22	--	3998.0	838.3	13.50	--	19.2	427.0	--	2.5	2.660	4.20

Gude Landfill
Monitoring Location ST065 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
4/3/01	0.0007 U	0.0020 U	0.0258	0.0005 U	--	0.0006 U	--	0.0020 U	0.0020 U	0.0100 U	--	0.00130 U
9/5/01	0.0020 U	0.0007 U	0.0305	0.0017 U	--	0.0006 U	--	0.0012 U	0.0004 U	0.0082	--	0.00200 U
3/12/02	0.0005 U	0.0007 U	0.0475	0.0017 U	--	0.0006 U	--	0.0031	0.0020 U	0.0104	--	0.00200 U
9/16/02	0.0007 U	0.0020 U	0.0293	0.0004 U	--	0.0004 U	--	0.0026	0.0020 U	0.0076	--	0.00200 U
6/3/03	0.0007 U	0.0020 U	0.0328	0.0004 U	--	0.0004 U	--	0.0020 U	0.0020 U	0.0157	--	0.00200 U
10/8/03	0.0009 U	0.0008 U	0.0327	0.0016 U	--	0.0007 U	--	0.0020 U	0.0020 U	0.0100 U	--	0.00200 U
3/24/04	0.0009 U	0.0020 U	0.0745	0.0016 U	--	0.0020 U	--	0.0020 U	0.0074	0.0100 U	--	0.00200
9/21/04	0.0028 U	0.0006 U	0.0376	0.0012 U	--	0.0003 U	--	0.0007 U	0.0005 U	0.0105	--	0.00060 U
4/6/05	0.0028 U	0.0006 U	0.0301	0.0012 U	--	0.0003 U	--	0.0020 U	0.0020 U	0.0134	--	0.00200 U
9/21/05	0.0028 U	0.0006 U	0.0351	0.0012 U	--	0.0003 U	--	0.0007 U	0.0005 U	0.0105	--	0.00200 U
4/5/06	0.0006 U	0.0006 U	0.0592	0.0007 U	--	0.0004 U	--	0.0020 U	0.0005 U	0.0137	--	0.00320
9/26/06	0.0007 U	0.0008 U	0.0472	0.0009 U	--	0.0006 U	--	0.0020 U	0.0005 U	0.0049	--	0.00070 U
4/18/07	0.0007 U	0.0008 U	0.1000	0.0009 U	0.035	--	--	0.0020 U	0.0134	0.0063	--	0.00200 U
10/2/07	0.0020 U	0.0008 U	0.0404	0.0009 U	0.138	--	--	0.0020 U	0.0020 U	0.0069	--	0.00070 U
3/25/08	0.0005 U	0.0006 U	0.0380	0.0010 U	0.047	--	--	0.0020 U	0.0012 U	0.0075	--	0.00100 U
9/23/08	0.0010 U	0.0012 U	0.0314	0.0020 U	0.400 U	--	--	0.0016 U	0.0024 U	0.0069	--	0.00400 U
3/5/09	0.0020 U	0.0002 U	0.0447	0.0002 U	0.011	--	--	0.0020 U	0.0020 U	0.0058	--	0.00200 U
9/22/09	0.0020 U	0.0020 U	0.0912	0.0020 U	--	0.0020 U	18.10	0.0020 U	0.0137	0.0080	10.1000	0.00360
8/3/10	0.0010 U	0.0006 J	0.0350	0.0010 U	--	0.0010 U	--	0.0026	0.0010 U	0.0008 J	--	0.00100 U
9/20/10	0.0050 U	0.0050 U	0.0431	0.0050 U	--	0.0050 U	34.30	0.0050 U	0.0050 U	0.0066	0.2860 J	0.00500 U
4/18/11	0.0050 U	0.0050 U	0.0556	0.0050 U	--	0.0050 U	33.90 J	0.0050 U	0.0050 U	0.0067	0.6570	0.00500 U
9/12/11	0.0050 U	0.0050 U	0.0790	0.0050 U	--	0.0050 U	34.20	0.0050 U	0.0050 U	0.0077	0.6130	0.00500 U
3/5/12	0.0050 U	0.0050 U	0.0484	0.0050 U	--	0.0050 U	30.60	0.0050 U	0.0050 U	0.0077	0.5070	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location ST065 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
9/11/12	0.0050 U	0.0050 U	0.0450	0.0050 U	--	0.0050 U	34.30	0.0050 U	0.0050 U	0.0050 U	0.5480	0.00500 U
3/27/13	0.0050 U	0.0050 U	0.0644	0.0050 U	--	0.0050 U	34.60	0.0050 U	0.0050 U	0.0168	0.3900	0.00500 U
9/11/13	0.0050 U	0.0050 U	0.0440	0.0050 U	--	0.0050 U	40.00	0.0050 U	0.0050 U	0.0050 U	0.2940	0.00500 U
3/24/14	0.0050 U	0.0050 U	0.0685	0.0050 U	--	0.0050 U	37.60	0.0050 U	0.0050 U	0.0055	0.4910	0.00500 U
9/2/14	0.0050 U	0.0050 U	0.2270	0.0050 U	--	0.0050 U	23.50	0.0226	0.0387	0.0267	17.8000	0.02440
3/17/15	0.0020 U	0.0020 U	0.0390	0.0020 U	--	0.0040 U	23.00	0.0100 U	0.0100 U	0.0035 J	0.5700	0.00200 U
3/17/16	0.0020 U	0.0020 U	0.0541	0.0020 U	--	0.0020 U	33.30	0.0020 U	0.0020 U	0.0023	0.5300	0.00200 U
9/4/18	0.0020 U	0.0020 U	0.0819	0.0020 U	--	0.0020 U	36.50	0.0021	0.0039	0.0020 U	0.7450	0.00200 U
4/8/19	0.0010 U	0.0010 U	0.0509	0.0010 U	--	0.0010 U	30.50	0.0010 U	0.0010 U	0.0014	0.1850	0.00100 U
7/30/19	0.0010 U	0.0010 U	0.0426	0.0010 U	--	0.0010 U	27.20 B	0.0010 U	0.0010 U	0.0010 U	0.1220	0.00100 U
3/2/20	0.0010 U	0.0010 U	0.0391	0.0010 U	--	0.0010 U	26.70	0.0010 U	0.0010 U	0.0010 U	0.1930	0.00100 U
7/29/20	0.0010 U	0.0010 U	0.0464	0.0010 U	--	0.0010 U	27.90	0.0010 U	0.0010 U	0.0010 U	0.1190	0.00100 U
3/29/21	0.0010 U	0.0010 U	0.0502	0.0010 U	--	0.0010 U	28.70	0.0010 U	0.0010 U	0.0017	0.4490	0.00100 U
9/7/21	0.0010 U	0.0010 U	0.0395	0.0010 U	--	0.0010 U	25.20	0.0010 U	0.0010 U	0.0010 U	0.2550	0.00100 U
3/29/22	0.0010 U	0.0010 U	0.0490	0.0010 U	--	0.0010 U	36.80	0.0010 U	0.0010 U	0.0010	0.3940	0.00100 U

Gude Landfill
Monitoring Location ST065 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002		
4/3/01	--	0.10780	0.000100 U	0.0062	--	0.00180 U	0.0052 U	--	0.0009 U	0.2000 U	0.00200 U
9/5/01	--	0.05240	0.000100 U	0.0100 U	--	0.00090 U	0.0044 U	--	0.0009 U	0.2000 U	0.00200 U
3/12/02	--	0.10720	0.000100 U	0.0100 U	--	0.00090 U	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U
9/16/02	--	0.02910	0.000100 U	0.0026	--	0.00440	0.0096 U	--	0.0010 U	0.0008 U	0.00030 U
6/3/03	--	0.09910	0.000200 U	0.0062	--	0.00120 U	0.0096 U	--	0.0010 U	0.0008 U	0.00200 U
10/8/03	--	0.21330	0.000200 U	0.0041	--	0.00070 U	0.0022 U	--	0.0004 U	0.0003 U	0.00200 U
3/24/04	--	0.52620	0.000200 U	0.0151	--	0.00240	0.0022 U	--	0.0004 U	0.0003 U	0.00200 U
9/21/04	--	0.05200	0.000100 U	0.0037	--	0.00100 U	0.0018 U	--	0.0006 U	0.0003 U	0.00200 U
4/6/05	--	0.11200	0.000100 U	0.0057	--	0.00100 U	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U
9/21/05	--	0.08710	0.000100 U	0.0030	--	0.00100 U	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U
4/5/06	--	0.26990	0.000100 U	0.0083	--	0.00150 U	0.0004 U	--	0.0004 U	0.0050 U	0.00200 U
9/26/06	--	0.05590	0.000200 U	0.0024	--	0.00200 U	0.0005 U	--	0.0007 U	0.0050 U	0.00070 U
4/18/07	--	--	0.000200 U	0.0058	--	0.00080 U	0.0005 U	--	0.0007 U	0.0500 U	0.00200 U
10/2/07	--	--	0.000200 U	0.0037	--	0.00200 U	0.0005 U	--	0.0007 U	0.0020 U	0.00070 U
3/25/08	--	--	0.000200 U	0.0058	--	0.00090 U	0.0008 U	--	0.0006 U	0.0500 U	0.00060 U
9/23/08	--	--	0.000200 U	0.0040 U	--	0.00180 U	0.0016 U	--	0.0012 U	0.0011 U	0.00120 U
3/5/09	--	--	0.000200 U	0.0028	--	0.00200 U	0.0009 U	--	0.0002 U	0.0011 U	0.00200 U
9/22/09	10.600	2.37000	0.000200 U	0.0080	2.920	0.00200 U	0.0020 U	25.70	0.0020 U	--	0.00360
8/3/10	--	--	0.000200 U	0.0029	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U
9/20/10	18.400	0.01790	0.000200 U	0.0050 U	4.000	0.00500 U	0.0050 U	37.00	0.0050 U	--	0.00500 U
4/18/11	26.900 J	0.14300	0.000200 U	0.0095	14.800	0.00500 U	0.0050 U	121.00 J	0.0050 U	--	0.00500 U
9/12/11	23.700	0.25000	0.000200 U	--	14.900	0.00820	0.0050 U	115.00	0.0050 U	--	0.00500 U
3/5/12	29.000	0.08640	0.000200 U	--	13.800	0.00500 U	0.0050 U	136.00	0.0050 U	--	0.00500 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location ST065 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
9/11/12	17.400	0.01820	0.000200 U	--	4.680	0.00500 U	0.0050 U	26.30	0.0050 U	--	0.00500 U
3/27/13	28.300	0.02870	0.000200 U	--	17.000	0.00500 U	0.0050 U	136.00	0.0050 U	--	0.00500 U
9/11/13	19.000	0.07050	0.000200 U	--	4.530	0.00500 U	0.0050 U	27.50	0.0050 U	--	0.00500 U
3/24/14	20.100	0.15400	0.000200 U	0.0090	5.100	0.00500 U	0.0050 U	345.00	0.0050 U	--	0.00500 U
9/2/14	19.500	5.11000	0.000200 U	0.0307	15.200	0.00500 U	0.0050 U	75.90	0.0050 U	--	0.02810
3/17/15	12.000	0.12000	0.000200 U	0.0085 J	3.300	0.03500 U	0.0100 U	150.00	0.0020 U	--	0.01000 U
3/17/16	18.600	0.13900	0.000200 U	0.0069	2.590	0.00200 U	0.0001 U	83.50	0.0010 U	--	0.00200 U
9/4/18	26.800	0.83200	0.000200 U	0.0083	14.800	0.00571	0.0020 U	85.60	0.0010 U	--	0.00200 U
4/8/19	23.400	0.08470	0.000100 U	0.0068	3.930	0.00100 U	0.0010 U	71.30	0.0010 U	--	0.00100 U
7/30/19	17.900	0.01770	0.000100 U	0.0027	3.410	0.00100 U	0.0010 U	32.10 B	0.0010 U	--	0.00100 U
3/2/20	18.200	0.07370	0.000100 U	0.0045	3.660	0.00100 U	0.0010 U	40.30	0.0010 U	--	0.00100 U
7/29/20	18.700	0.01720	0.000100 U	0.0024	3.460	0.00100 U	0.0010 U	29.40	0.0010 U	--	0.00100 U
3/29/21	18.200	0.08950	0.000100 U	0.0065	3.040	0.00100 U	0.0010 U	125.00	0.0010 U	--	0.00100 U
9/7/21	15.000	0.03940	0.000100 U	0.0030	3.510	0.00100 U	0.0010 U	25.90	0.0010 U	--	0.00100 U
3/29/22	20.200	0.16600	0.000100 U	0.0054	2.800 B	0.00100 U	0.0010 U	88.00	0.0010 U	--	0.00100 U

**Gude Landfill
Monitoring Location ST065 - Total Metals**

Printed 5/25/22

	Zinc, total (mg/L)	
MCL/ GWPS		
4/3/01	0.01000	U
9/5/01	--	
3/12/02	--	
9/16/02	--	
6/3/03	--	
10/8/03	--	
3/24/04	--	
9/21/04	--	
4/6/05	--	
9/21/05	--	
4/5/06	--	
9/26/06	--	
4/18/07	0.01850	
10/2/07	0.00320	
3/25/08	0.01000	U
9/23/08	0.02000	U
3/5/09	0.00580	
9/22/09	0.01650	
8/3/10	0.01100	
9/20/10	0.00500	U
4/18/11	0.00604	
9/12/11	0.00665	
3/5/12	0.00539	

Gude Landfill
Monitoring Location ST065 - Total Metals

Printed 5/25/22

Zinc, total (mg/L)

9/11/12	0.00500	U
3/27/13	0.00538	
9/11/13	0.00500	U
3/24/14	0.00897	
9/2/14	0.08630	
3/17/15	0.00980	J
3/17/16	0.00420	
9/4/18	0.00299	
4/8/19	0.00400	U
7/30/19	0.00400	U
3/2/20	0.00400	U
7/29/20	0.00400	U
3/29/21	0.00704	
9/7/21	0.00400	U
3/29/22	0.00649	

Gude Landfill
Monitoring Location ST065 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200		5		7				0.2	0.05	600	5	5		75
9/5/01	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
3/12/02	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/16/02	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
6/3/03	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
10/8/03	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	0.19 U	0.17 U	0.21 U	0.19 U	1.00 U
3/24/04	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/21/04	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/6/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/5/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	1.04	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/26/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	1.00 U	0.28 U	11.00 U	0.27 U	0.34 U	0.33 U	11.00 U
4/18/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
10/2/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
3/25/08	0.18 U	0.18 U	0.21 U	0.23 U	0.22 U	0.18 U	0.26 U	0.14 U	0.24 U	0.16 U	10.00 U	0.18 U	0.17 U	0.20 U	0.23 U
9/23/08	0.12 U	0.17 U	0.14 U	0.17 U	0.14 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	0.10 U	0.13 U	0.15 U	0.13 U	0.14 U
3/5/09	0.12 U	0.17 U	0.14 U	0.17 U	1.13	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	10.00 U	0.13 U	1.34	0.13 U	10.00 U
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/18/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location ST065 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)	
9/12/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/5/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/11/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/2/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST065 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5	80	80				5	100		80
9/5/01	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
3/12/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	1.00 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
9/16/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
6/3/03	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
10/8/03	0.26	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
3/24/04	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	1.00 U	1.00 U	0.15 U	0.28 U	0.20 U	0.23 U
9/21/04	0.29 U	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/6/05	1.00 U	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/21/05	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/5/06	0.29 U	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/26/06	0.29 U	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	1.00 U	2.50 U	0.25 U	0.40 U	0.31 U	0.27 U
4/18/07	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
10/2/07	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
3/25/08	--	--	--	--	--	0.24 U	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	0.17 U	0.10 U	0.21 U
9/23/08	--	--	--	--	--	0.09 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.16 U	0.13 U	0.12 U
3/5/09	--	--	--	--	--	0.50 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.16 U	0.13 U	0.12 U
9/22/09	1.00 U	1.00 U	1.00 U	1.17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/18/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location ST065 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
9/12/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/5/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/15	5.00 U	5.00 U	5.00 U	5.15	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/16	5.00 U	5.00 U	5.00 U	5.88	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/2/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST065 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
9/5/01	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	3.15	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
3/12/02	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
9/16/02	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
6/3/03	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
10/8/03	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
3/24/04	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	1.00 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
9/21/04	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/6/05	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
9/21/05	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/5/06	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	2.00 U	0.28 U	--	0.25 U	0.34 U	1.00 U	0.25 U	1.00 U	0.32 U	0.45 U
9/26/06	1.00 U	1.00 U	0.29 U	0.27 U	1.00 U	2.00 U	0.28 U	--	0.25 U	0.34 U	1.00 U	1.00 U	1.00 U	1.00 U	0.45 U
4/18/07	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
10/2/07	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
3/25/08	0.15 U	0.25 U	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.15 U	0.12 U	0.22 U	0.20 U	0.20 U	0.28 U	0.22 U
9/23/08	0.20 U	0.14 U	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.16 U	0.12 U	0.14 U
3/5/09	0.20 U	9.43	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.50 U	0.12 U	0.69
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/20/10	0.81 J	2.00 U	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/18/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill
Monitoring Location ST065 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
9/12/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
3/5/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.60	1.00 U
9/11/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/27/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/24/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/2/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/17/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/2/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/29/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST065 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
9/5/01	0.13 U	0.14 U	0.19 U	0.18 U	--	--	--
3/12/02	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
9/16/02	0.13 U	0.14 U	0.19 U	0.18 U	--	--	--
6/3/03	0.13 U	0.14 U	0.19 U	0.18 U	--	--	--
10/8/03	0.13 U	1.00 U	0.19 U	0.18 U	--	0.02	--
3/24/04	0.13 U	0.14 U	0.19 U	0.18 U	--	0.01	--
9/21/04	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
4/6/05	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/21/05	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
4/5/06	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/26/06	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
4/18/07	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
10/2/07	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
3/25/08	0.08 U	--	0.23 U	0.07 U	--	0.22 U	--
9/23/08	0.13 U	--	0.13 U	0.10 U	--	0.18 U	--
3/5/09	0.13 U	--	7.13	0.10 U	--	1.29	--
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	--
8/3/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/20/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	--
4/18/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST065 - Volatile Organic Compounds

Printed 5/25/22

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
9/12/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/5/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	3.60
9/11/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/27/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/24/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/2/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/17/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/17/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/4/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/30/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/2/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/29/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location ST120 - Dissolved Metals

Printed 5/25/22

	Manganese, dissolved (mg/L)	Nickel, dissolved (mg/L)
	MCL/ GWPS	
9/12/11	--	0.01
3/5/12	--	0.01
9/17/12	--	0.01
3/28/13	--	0.01
9/18/13	--	0.01
9/1/15	0.130	--

Gude Landfill
Monitoring Location ST120 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
MCL/ GWPS					0.2			10		1				
4/3/01	--	--	--	90.1272	0.005 U	--	--	1.0604	--	--	--	--	--	--
9/4/01	--	--	--	41.5739	0.004	--	--	--	--	--	--	--	--	--
3/12/02	--	--	--	225.4730	0.003	--	--	--	--	--	--	--	--	--
6/3/03	--	--	--	65.7660	0.005 U	--	--	--	--	--	--	--	--	0.010
9/20/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.015
4/5/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.010 U
9/21/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.010 U
4/4/06	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.014
9/25/06	--	--	--	--	0.001	--	--	--	--	--	--	--	--	0.012
4/17/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.020
10/3/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	--
3/25/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/23/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/21/09	64.0	0.20 U	4.6 J	--	--	--	340.0	1.0290	--	--	--	--	--	--
8/3/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/15/10	70.0	0.20 U	11.1	93.2000	--	--	180.0	0.7920	0.84	0.05 U	--	--	--	--
4/25/11	60.0	0.20 U	15.1	102.0000 J	--	--	113.0	0.7870	0.84	0.05 U	--	--	--	--
9/12/11	49.0	0.20 U	11.9	50.1000	--	--	73.0	0.5810	0.63	0.05 U	--	--	--	--
3/5/12	52.0	0.20 U	9.7	110.0000	--	--	98.0	1.3300	1.38	0.05 U	--	--	--	--

Gude Landfill
Monitoring Location ST120 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
9/17/12	72.0	0.20 U	10.0 U	47.0000	--	--	100.0	1.3000	1.35	0.05 U	--	--	--	--
3/28/13	56.0	0.20 U	25.8	335.0000	--	15.42	130.0	1.2000	1.25	0.05 U	361.0	7.35	--	--
9/18/13	57.0	0.20 U	10.0 U	67.8000	--	11.51	120.0	0.8120	0.82	0.05 U	287.0	7.40	--	--
3/13/14	64.0	0.20 U	14.3	928.0000	--	14.45	208.0	1.3800	--	--	426.0	7.34	--	--
9/8/14	60.0	0.20 U	22.8	77.4000	--	8.37	130.0	0.5390	0.55	0.05 U	--	6.62	--	--
3/18/15	56.0	0.20 U	10.0 U	332.0000	--	12.92	138.0	1.6100	1.66	0.05 U	260.0	7.64	--	--
9/1/15	68.0	0.24	10.0 U	117.0000	--	7.63	174.0	1.2000	1.25	0.05 U	--	6.80	--	--
3/16/16	62.0	0.20 U	10.0 U	217.0000	--	10.94	160.0	1.4200	1.47	0.05 U	--	7.39	--	--
8/30/16	60.0	0.20 U	10.0 U	94.2000	--	7.56	188.0	1.2400	1.25	0.05 U	186.0	7.21	--	--
3/6/17	82.0	0.20 U	10.0 U	159.0000	--	11.70	186.0	1.3300	1.34	0.05 U	348.0	7.01	--	--
9/12/17	66.0	0.20 U	10.3	80.4000	--	9.72	230.0	1.1400	1.15	0.05 U	236.0	7.64	--	--
3/28/18	60.0	0.20 U	10.0 U	366.0000	--	11.81	190.0	1.3800	1.43	0.05 U	123.0	7.46	--	--
9/11/18	41.4	0.20 U	11.8	37.8000	--	8.34	64.0	0.5530	0.56	0.05 U	79.0	7.17	--	--
4/8/19	69.4	0.10 U	10.9	182.0000	--	10.05	173.0 B	1.8000	--	--	98.5	7.04	7.33	--
8/1/19	69.5	0.18	16.7	116.0000	--	8.06	153.0	1.6000	--	--	107.0	7.12	7.06	--
3/9/20	60.2	0.10 U	6.1	113.0000	--	0.53	152.0	1.8000	--	--	202.0	6.39	6.91	--
7/27/20	53.5	0.10 U	16.5	91.9000	--	7.36	139.0	0.7600	--	--	159.2	7.53	6.92	--
3/22/21	64.7	0.10 U	8.9	314.0000	--	12.09	160.0	1.5400	--	--	120.6	6.57	7.25	--
8/31/21	68.2	0.05 U	18.4	98.0000	--	7.39	140.0	1.2800	--	--	181.8	8.18	7.21	--
4/4/22	70.0	0.02 J	5.2	189.0000	--	7.39	177.0	1.2200	--	--	181.8	8.18	7.41	--

Gude Landfill
Monitoring Location ST120 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS										
4/3/01	--	--	--	--	--	--	--	--	5.800	--
9/4/01	--	--	--	--	--	--	--	--	3.500	--
3/12/02	--	--	--	--	--	--	--	--	3.740	--
6/3/03	--	--	--	--	--	--	0	--	4.300	--
9/20/04	--	--	--	--	--	--	0 U	--	--	--
4/5/05	--	--	--	--	--	--	0 U	--	--	--
9/21/05	--	--	--	--	--	--	0	--	--	--
4/4/06	--	--	--	--	--	--	0	--	--	--
9/25/06	--	--	--	--	--	--	0	--	--	--
4/17/07	--	--	--	--	--	--	0 U	--	--	--
10/3/07	--	--	--	--	--	--	0 U	--	--	--
3/25/08	--	--	--	--	--	--	0 U	--	--	--
9/23/08	--	--	--	--	--	--	0 U	--	--	--
9/21/09	--	--	7.60	--	--	244.0	--	--	2.120	--
8/3/10	--	--	--	3.0 U	--	--	--	--	--	--
9/15/10	--	--	13.50	--	--	376.0	--	--	2.400	--
4/25/11	--	--	7.50	--	--	372.0	--	--	3.860	--
9/12/11	--	--	6.45	--	--	208.0	--	--	--	--
3/5/12	--	--	7.76	--	--	284.0	--	--	--	--

Gude Landfill Monitoring Location ST120 - General Parameters

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
9/17/12	--	--	5.56	--	--	228.0	--	--	--	--
3/28/13	1.3	--	7.85	--	7.4	660.0	--	--	--	5.00
9/18/13	340.0	--	8.37	--	18.0	272.0	--	--	--	--
3/13/14	2780.0	--	24.80	--	5.8	1676.0	--	--	--	9.80
9/8/14	377.9	--	8.87	--	19.4	268.0	--	--	--	--
3/18/15	1092.0	--	14.00	--	9.2	740.0	--	--	--	5.80
9/1/15	519.6	--	10.20	--	20.5	307.0	--	--	--	--
3/16/16	755.1	--	13.10	--	9.7	434.0	--	--	--	1.80
8/30/16	432.0	--	10.40	--	22.5	268.0	--	--	--	0.00
3/6/17	457.7	--	14.60	--	10.3	318.0	--	--	--	1.70
9/12/17	401.1	--	9.60	--	19.0	301.0	--	--	--	0.00
3/28/18	1135.0	--	15.20	--	7.4	765.0	--	--	--	0.60
9/11/18	202.2	--	5.77	--	19.4	137.0	--	--	--	0.10
4/8/19	684.0	729.0	15.50	--	13.8	435.0	--	3.1	2.170	2.00
8/1/19	5.3	521.0	12.80	--	21.7	336.0	--	2.5 U	1.780	4.60
3/9/20	410.5	507.0	12.30	--	9.2	276.0	--	2.3 U	2.040	2.30
7/27/20	491.2	544.0	8.37	--	24.4	284.0	--	6.6	1.120	39.60
3/22/21	1005.0	1190.0	15.40	--	8.4	626.0	--	4.1	2.560	2.51
8/31/21	458.6	461.0	10.10	--	23.8	229.0	--	2.3 U	2.800	6.50
4/4/22	458.6	801.4	13.20	--	23.8	362.0	--	2.3 U	2.010	6.50

Gude Landfill
Monitoring Location ST120 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
4/3/01	0.0007 U	0.0005 U	0.0186	0.0005 U	--	0.0006 U	--	0.0003 U	0.0007 U	0.0159	--	0.00130 U
9/4/01	0.0020 U	0.0007 U	0.0335	0.0017 U	--	0.0006 U	--	0.0012 U	0.0020 U	0.0084	--	0.00200 U
3/12/02	0.0005 U	0.0020 U	0.0475	0.0017 U	--	0.0020 U	--	0.0024	0.0020 U	0.0090	--	0.00200 U
6/3/03	0.0007 U	0.0020 U	0.0340	0.0004 U	--	0.0004 U	--	0.0020 U	0.0020 U	0.0167	--	0.00200 U
9/20/04	0.0028 U	0.0006 U	0.0340	0.0012 U	--	0.0003 U	--	0.0020 U	0.0020 U	0.0112	--	0.00200 U
4/5/05	0.0028 U	0.0006 U	0.0321	0.0012 U	--	0.0003 U	--	0.0020 U	0.0020 U	0.0100	--	0.00200 U
9/21/05	0.0028 U	0.0006 U	0.0447	0.0012 U	--	0.0020 U	--	0.0021	0.0020 U	0.0116	--	0.00310
4/4/06	0.0020 U	0.0006 U	0.0705	0.0007 U	--	0.0004 U	--	0.0021	0.0020 U	0.0105	--	0.00280
9/25/06	0.0007 U	0.0020 U	0.0582	0.0009 U	--	0.0006 U	--	0.0026	0.0020 U	0.0085	--	0.00200 U
4/17/07	0.0007 U	0.0020 U	0.0288	0.0009 U	0.020 U	--	--	0.0027	0.0020 U	0.0104	--	0.00210
10/3/07	0.0007 U	0.0008 U	0.0431	0.0009 U	0.045	--	--	0.0020 U	0.0020 U	0.0066	--	0.00200 U
3/25/08	0.0005 U	0.0006 U	0.0433	0.0010 U	0.038	--	--	0.0008 U	0.0012 U	0.0094	--	0.00100 U
9/23/08	0.0010 U	0.0012 U	0.0373	0.0020 U	0.091	--	--	0.0016 U	0.0024 U	0.0089	--	0.00400 U
3/9/09	0.0020 U	0.0020 U	0.1051	0.0002 U	0.031	--	--	0.0020 U	0.0020 U	0.0152	--	0.00200 U
9/21/09	0.0020 U	0.0020 U	0.0392	0.0020 U	--	0.0020 U	25.70	0.0020 U	0.0020 U	0.0056	0.5250	0.00200 U
8/3/10	0.0010 U	0.0007 J	0.0410	0.0010 U	--	0.0010 U	--	0.0010 U	0.0010 U	0.0007 J	--	0.00100 U
9/15/10	0.0050 U	0.0050 U	0.0482	0.0050 U	--	0.0050 U	31.60	0.0050 U	0.0050 U	0.0068	0.7050	0.00500 U
4/25/11	0.0050 U	0.0050 U	0.0460	0.0050 U	--	0.0050 U	23.10 J	0.0050 U	0.0050 U	0.0052	0.6610	0.00500 U
9/12/11	0.0050 U	0.0050 U	0.0357	0.0050 U	--	0.0050 U	33.40	0.0050 U	0.0050 U	0.0062	0.7500	0.00528
3/5/12	0.0050 U	0.0050 U	0.0397	0.0050 U	--	0.0050 U	23.30	0.0050 U	0.0050 U	0.0091	0.4740	0.00500 U
9/17/12	0.0050 U	0.0050 U	0.0423	0.0050 U	--	0.0050 U	24.90	0.0050 U	0.0050 U	0.0050 U	0.7040	0.00500 U
3/28/13	0.0050 U	0.0050 U	0.0559	0.0050 U	--	0.0050 U	29.60	0.0050 U	0.0050 U	0.0151	0.6390	0.00500 U
9/18/13	0.0050 U	0.0050 U	0.0440	0.0050 U	--	0.0050 U	27.40	0.0050 U	0.0050 U	0.0050 U	0.5790	0.00500 U

Gude Landfill
Monitoring Location ST120 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
3/13/14	0.0050 U	0.0050 U	0.0927	0.0050 U	--	0.0050 U	46.10	0.0050 U	0.0050 U	0.0084	0.8760	0.00500 U
9/8/14	0.0050 U	0.0050 U	0.0514	0.0050 U	--	0.0050 U	27.60	0.0050 U	0.0050 U	0.0050 U	1.0300	0.00500 U
3/18/15	0.0020 U	0.0020 U	0.0470	0.0020 U	--	0.0040 U	28.00	0.0100 U	0.0100 U	0.0031 J	0.4700	0.00200 U
9/1/15	0.0010 U	0.0010 U	0.0530	0.0010 U	--	0.0005 U	39.00	0.0050 U	0.0050 U	0.0050 U	0.3200	0.00100 U
3/16/16	0.0050 U	0.0050 U	0.0667	0.0050 U	--	0.0050 U	--	0.0050 U	0.0050 U	0.0050 U	--	0.00500 U
8/30/16	0.0020 U	0.0020 U	0.0454	0.0020 U	--	0.0020 U	29.30	0.0020 U	0.0020 U	0.0020 U	0.4470	0.00200 U
3/6/17	0.0050 U	0.0050 U	0.0629	0.0050 U	--	0.0050 U	41.00	0.0050 U	0.0050 U	0.0050 U	0.7550	0.00500 U
9/12/17	0.0020 U	0.0020 U	0.0422	0.0020 U	--	0.0020 U	28.40	0.0020 U	0.0020 U	0.0020 U	1.0100	0.00200 U
3/28/18	0.0020 U	0.0020 U	0.0607	0.0020 U	--	0.0020 U	37.50	0.0020 U	0.0020 U	0.0020 U	0.2710	0.00200 U
9/11/18	0.0050 U	0.0050 U	0.0214	0.0050 U	--	0.0050 U	15.70	0.0050 U	0.0050 U	0.0050 U	0.3790	0.00500 U
4/8/19	0.0010 U	0.0010 U	0.0551	0.0010 U	--	0.0010 U	31.40	0.0010 U	0.0010 U	0.0017	0.3450	0.00100 U
8/1/19	0.0010 U	0.0010 U	0.0523	0.0010 U	--	0.0010 U	29.20	0.0010 U	0.0010 U	0.0010 U	0.3780	0.00100 U
3/9/20	0.0010 U	0.0010 U	0.0453	0.0010 U	--	0.0010 U	28.40	0.0010 U	0.0010 U	0.0010 U	0.2980	0.00100 U
7/27/20	0.0010 U	0.0010 U	0.0549	0.0010 U	--	0.0010 U	26.70	0.0010 U	0.0010 U	0.0013	0.3500	0.00100 U
3/22/21	0.0010 U	0.0010 U	0.0585	0.0010 U	--	0.0010 U	31.00	0.0010 U	0.0010 U	0.0010 B	0.3290	0.00100 U
8/31/21	0.0010 U	0.0010 U	0.0460	0.0010 U	--	0.0010 U	28.20	0.0010 U	0.0010 U	0.0010 U	0.5820	0.00100 U
4/4/22	0.0010 U	0.0010 U	0.0539	0.0010 U	--	0.0010 U	37.60	0.0010 U	0.0010 U	0.0010 U	0.4540	0.00100 U

Gude Landfill
Monitoring Location ST120 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002			
4/3/01	--	0.07530	0.000100 U	0.0040	--	0.00180 U	0.0052 U	--	0.0009 U	0.2000 U	0.00060 U	0.01000 U
9/4/01	--	0.09680	0.000100 U	0.0100 U	--	0.00090 U	0.0044 U	--	0.0009 U	0.2000 U	0.00200 U	--
3/12/02	--	0.16850	0.000100 U	0.0100 U	--	0.00200 U	0.0044 U	--	0.0009 U	0.2000 U	0.00070 U	--
6/3/03	--	0.15270	0.000200 U	0.0076	--	0.00120 U	0.0096 U	--	0.0010 U	0.0008 U	0.00200 U	--
9/20/04	--	0.08780	0.000100 U	0.0055	--	0.00100 U	0.0018 U	--	0.0006 U	0.0003 U	0.00200 U	--
4/5/05	--	0.09370	0.000200 U	0.0072	--	0.00100 U	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U	--
9/21/05	--	0.25850	0.000600	0.0080	--	0.00100 U	0.0018 U	--	0.0006 U	0.0050 U	0.00400	--
4/4/06	--	0.20740	0.000100 U	0.0104	--	0.00150 U	0.0004 U	--	0.0004 U	0.0050 U	0.00200 U	--
9/25/06	--	0.29120	0.000200 U	0.0082	--	0.00080 U	0.0005 U	--	0.0007 U	0.0050 U	0.00330	--
4/17/07	--	--	0.000200 U	0.0116	--	0.00080 U	0.0005 U	--	0.0007 U	0.0500 U	0.00280	0.02150
10/3/07	--	--	0.000200 U	0.0077	--	0.00200 U	0.0005 U	--	0.0007 U	0.0020 U	0.00200 U	0.00550
3/25/08	--	--	0.000200 U	0.0078	--	0.00200 U	0.0008 U	--	0.0006 U	0.0500 U	0.00060 U	0.01000 U
9/23/08	--	--	0.000200 U	0.0060	--	0.00180 U	0.0016 U	--	0.0012 U	0.0011 U	0.00120 U	0.02000 U
3/9/09	--	--	0.000200 U	0.0113	--	0.00200 U	0.0009 U	--	0.0002 U	0.0011 U	0.00200 U	--
9/21/09	12.300	0.06340	0.000200 U	0.0066	1.880	0.00200 U	0.0020 U	27.50	0.0020 U	--	0.00020 U	0.01000 U
8/3/10	--	--	0.000200 U	0.0050	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U	0.01100
9/15/10	16.300	0.08170	0.000200 U	0.0066	3.020	0.00500 U	0.0050 U	34.00	0.0050 U	--	0.00500 U	0.00500 U
4/25/11	14.200 J	0.12600	0.000200 U	0.0098	2.510	0.00500 U	0.0050 U	53.70	0.0050 U	--	0.00500 U	0.00891
9/12/11	12.600	0.05100	0.000200 U	--	3.080	0.00500 U	0.0050 U	34.50	0.0050 U	--	0.00500 U	0.00844
3/5/12	11.500	0.08530	0.000200 U	--	2.250	0.00500 U	0.0050 U	65.10	0.0050 U	--	0.00500 U	0.01060
9/17/12	14.200	0.11700	0.000200 U	--	2.200	0.00500 U	0.0050 U	15.30	0.0050 U	--	0.00500 U	0.00500 U
3/28/13	14.800	0.09070	0.000200 U	--	3.010	0.00500 U	0.0050 U	181.00	0.0050 U	--	0.00500 U	0.00746
9/18/13	12.900	0.07950	0.000200 U	--	2.670	0.00500 U	0.0050 U	19.80	0.0050 U	--	0.00500 U	0.00635

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location ST120 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
3/13/14	22.500	0.12800	0.000200 U	0.0146	6.080	0.00500 U	0.0050 U	561.00	0.0050 U	--	0.00500 U	0.01570
9/8/14	13.200	0.15500	0.000200 U	0.0055	2.770	0.00500 U	0.0050 U	24.50	0.0050 U	--	0.00500 U	0.00582
3/18/15	13.000	0.14000	0.000200 U	0.0110 U	2.800	0.03500 U	0.0100 U	210.00	0.0020 U	--	0.01000 U	0.00840 J
9/1/15	21.000	--	0.000200 U	0.0100 U	3.000	0.00500 U	0.0010 U	34.00	0.0010 U	--	0.00500 U	0.00500 U
3/16/16	--	0.12600	0.000200 U	0.0108	2.380	0.00500 U	0.0050 U	--	0.0050 U	--	0.00500 U	0.00859
8/30/16	15.600	0.05910	0.000200 U	0.0031	2.220	0.00200 U	0.0020 U	24.30	0.0010 U	--	0.00200 U	0.00200 U
3/6/17	21.500	0.09420	0.000200 U	0.0107	2.510	0.00500 U	0.0050 U	52.00	0.0050 U	--	0.00500 U	0.00500 U
9/12/17	13.900	0.07110	0.000200 U	0.0043	2.390	0.00200 U	0.0020 U	24.50	0.0010 U	--	0.00200 U	0.00358
3/28/18	17.600	0.13600	0.000200 U	0.0088	2.350	0.00200 U	0.0020 U	197.00	0.0010 U	--	0.00200 U	0.00804
9/11/18	6.040	0.03290	0.000200 U	0.0050 U	2.640	0.00500 U	0.0050 U	15.30	0.0050 U	--	0.00500 U	0.00500 U
4/8/19	22.900	0.11600	0.000100 U	0.0092	2.280	0.00100 U	0.0010 U	71.40	0.0010 U	--	0.00100 U	0.00890
8/1/19	19.500	0.13200	0.000100 U	0.0040	2.910	0.00100 U	0.0010 U	34.40	0.0010 U	--	0.00100 U	0.00400 U
3/9/20	19.600	0.08720	0.000100 U	0.0061	2.300	0.00100 U	0.0010 U	37.60	0.0010 U	--	0.00100 U	0.00461
7/27/20	17.400	0.06370	0.000100 U	0.0042	3.120	0.00100 U	0.0010 U	29.40	0.0010 U	--	0.00100 U	0.00400 U
3/22/21	20.000	0.11900	0.000100 U	0.0080	2.370	0.00100 U	0.0010 U	148.00	0.0010 U	--	0.00100 U	0.00574
8/31/21	16.800	0.05840	0.000100 U	0.0035	3.070	0.00100 U	0.0010 U	29.40	0.0010 U	--	0.00124	0.00400 U
4/4/22	20.100	0.15700	0.000100 U	0.0085	2.370	0.00100 U	0.0010 U	79.20	0.0010 U	--	0.00100 U	0.00400 U

Gude Landfill

Printed 5/25/22

Monitoring Location ST120 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200		5		7				0.2	0.05	600	5	5		75
9/4/01	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
3/12/02	0.18 U	0.15 U	0.23 U	0.22 U	1.00 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
6/3/03	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/20/04	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/5/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/4/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	--	0.27 U	0.34 U	0.33 U	--
9/25/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/17/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
10/3/07	0.13 U	0.24 U	0.44 U	0.25 U	1.00 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	0.43 U	0.27 U	0.34 U	0.33 U	0.44 U
3/25/08	0.18 U	0.18 U	0.21 U	0.23 U	0.50 U	0.18 U	0.26 U	0.14 U	0.24 U	0.16 U	10.00 U	0.18 U	0.17 U	0.20 U	0.23 U
9/23/08	0.12 U	0.17 U	0.14 U	0.17 U	0.50 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	0.10 U	0.13 U	0.50 U	0.13 U	10.00 U
3/9/09	0.12 U	0.17 U	0.14 U	0.17 U	0.50 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	10.00 U	0.13 U	0.15 U	0.13 U	10.00 U
9/21/09	1.00 U	1.00 U	1.00 U	1.00 U	0.36 J	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.33 J
8/3/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/15/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/25/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/12/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/5/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/17/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location ST120 - Volatile Organic Compounds

Printed 5/25/22

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
3/28/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/8/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/16/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/1/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/27/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST120 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
9/4/01	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	1.00 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
3/12/02	--	0.18 U	--	1.00 U	--	0.21 U	0.20 U	0.18 U	0.14 U	1.00 U	0.38 U	0.15 U	0.28 U	0.20 U	1.00 U
6/3/03	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
9/20/04	0.29 U	1.39	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/5/05	0.29 U	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/21/05	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/4/06	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/25/06	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/17/07	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
10/3/07	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
3/25/08	--	--	--	--	--	0.24 U	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	0.17 U	0.10 U	0.21 U
9/23/08	--	--	--	--	--	0.09 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.16 U	0.13 U	0.12 U
3/9/09	--	--	--	--	--	0.09 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.16 U	0.13 U	0.12 U
9/21/09	1.00 U	1.00 U	1.00 U	0.17 J	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/15/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/25/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.80	1.00 U	1.00 U	1.00 U	1.00 U
9/12/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/5/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/17/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST120 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
3/28/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/16/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	5.00 U	5.00 U	5.00 U	5.10	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/1/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/27/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST120 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
9/4/01	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	4.80	0.27 U	0.21 U	1.22	0.24 U	0.22 U
3/12/02	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.79	0.24 U	0.22 U
6/3/03	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.39	0.24 U	0.22 U
9/20/04	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
4/5/05	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
9/21/05	0.25 U	1.22	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
4/4/06	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
9/25/06	0.25 U	2.52	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.65	0.32 U	0.45 U
4/17/07	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
10/3/07	0.25 U	2.99	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.56	0.32 U	0.45 U
3/25/08	0.15 U	1.22	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.15 U	0.12 U	0.22 U	0.20 U	0.81	0.28 U	0.22 U
9/23/08	0.20 U	2.10	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	1.25	0.12 U	0.14 U
3/9/09	0.20 U	1.15	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.68	0.12 U	0.14 U
9/21/09	1.00 U	1.54	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.62 J	1.00 U	1.00 U
8/3/10	1.00 U	1.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/15/10	0.87 J	1.26 J	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.10 J	2.00 U	2.00 U
4/25/11	4.90	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/12/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
3/5/12	1.00 U	0.79	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/17/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST120 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
3/28/13	1.00 U	1.30	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/13	1.00 U	2.26	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/13/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/8/14	1.00 U	1.33	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/1/15	1.00 U	1.13	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/16/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/17	1.00 U	1.09	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/28/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/1/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/9/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/27/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/4/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST120 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
9/4/01	0.13 U	1.00 U	1.00 U	0.18 U	--	--	--
3/12/02	0.13 U	0.14 U	1.00 U	1.00 U	--	--	--
6/3/03	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
9/20/04	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
4/5/05	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/21/05	0.24 U	0.30 U	1.00 U	0.36 U	--	0.32 U	--
4/4/06	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/25/06	0.24 U	0.30 U	1.33	0.36 U	--	1.00 U	--
4/17/07	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
10/3/07	0.24 U	0.30 U	1.40	0.36 U	--	0.32 U	--
3/25/08	0.08 U	--	0.23 U	0.07 U	--	0.22 U	--
9/23/08	0.13 U	--	0.93	0.10 U	--	0.50 U	--
3/9/09	0.13 U	--	0.51	0.10 U	--	0.18 U	--
9/21/09	1.00 U	1.00 U	0.88 J	1.00 U	--	1.00 U	--
8/3/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/15/10	2.00 U	2.00 U	0.90 J	2.00 U	2.00 U	2.00 U	--
4/25/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/5/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.91
9/17/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--

Gude Landfill
Monitoring Location ST120 - Volatile Organic Compounds

Printed 5/25/22

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
3/28/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/18/13	1.00 U	5.00 U	1.01	1.00 U	5.00 U	1.00 U	--
3/13/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/8/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/18/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/1/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/16/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
8/30/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/6/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/12/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/28/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/1/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/9/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/27/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/22/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/31/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
4/4/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location ST70 - Dissolved Metals

Printed 5/25/22

	Manganese, dissolved (mg/L)	Nickel, dissolved (mg/L)
MCL/ GWPS		
9/12/11	--	0.01
3/5/12	--	0.01
9/18/12	--	0.01
3/18/13	--	0.01
9/23/13	--	0.01
9/3/15	0.150	--

Gude Landfill
Monitoring Location ST70 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
MCL/ GWPS					0.2			10		1			
4/2/01	--	--	--	74.5090	0.005 U	--	--	--	--	--	--	--	--
9/5/01	--	--	--	47.6235	0.008	--	--	--	--	--	--	--	--
3/13/02	--	--	--	56.3314	0.002	--	--	--	--	--	--	--	--
6/3/03	--	--	--	68.4973	0.005	--	--	--	--	--	--	--	--
9/21/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
4/6/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
9/21/05	--	--	--	--	0.007	--	--	--	--	--	--	--	--
4/5/06	--	--	--	--	0.014	--	--	--	--	--	--	--	--
9/26/06	--	--	--	--	0.003	--	--	--	--	--	--	--	--
4/18/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--
10/4/07	--	--	--	--	0.010 U	--	--	--	--	--	--	--	--
3/27/08	--	--	--	--	--	--	--	--	--	--	--	--	--
9/22/09	109.0	0.20 U	6.0 J	85.8000	--	--	170.0	1.8591	--	--	--	--	--
8/3/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--
9/21/10	115.0	0.20 U	10.0	97.6000	--	--	170.0	1.4818 HT	1.57 HT	0.09 HT	--	--	--
4/18/11	105.0	0.48	18.5	79.8000	--	--	128.0	0.8310	0.88	0.05 U	--	--	--
9/12/11	81.0	0.20 U	15.3	50.6000	--	--	110.0	0.7740	0.82	0.05 U	--	--	--
3/5/12	128.0	0.38	17.2	122.0000	--	--	188.0	1.4890	2.00	0.51	--	--	--
9/18/12	79.0	0.20 U	19.5	49.5000	--	--	124.0	0.8780	0.93	0.05 U	--	--	--

Gude Landfill
Monitoring Location ST70 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)
3/18/13	108.0	0.56	10.0 U	145.0000	--	13.13	180.0	2.0710	2.35	0.28	--	6.52	--
9/23/13	92.0	0.20 U	22.4	62.6000	--	8.17	140.0	0.5230	0.69	0.17	325.0	7.45	--
3/6/14	105.0	0.61	15.3	674.0000	--	15.33	192.0	1.4810	--	--	601.0	7.41	--
9/4/14	82.0	0.20 U	14.5	76.0000	--	6.74	148.0	0.8690	0.98	0.11	--	9.41	--
3/23/15	121.0	0.39	10.0 U	229.0000	--	16.22	200.0	1.3500	1.36	0.05 U	333.0	7.72	--
9/3/15	120.0	0.20 U	10.0 U	148.0000	--	8.15	224.0	1.1700	1.18	0.05 U	227.0	7.46	--
3/21/16	106.0	0.20 U	17.4	170.0000	--	12.63	184.0	1.3600	1.41	0.05 U	--	7.24	--
8/30/16	107.0	0.20 U	12.1	128.0000	--	8.53	192.0	1.1700	1.18	0.05 U	225.0	7.26	--
3/8/17	80.0	0.20 U	10.0 U	106.0000	--	--	168.0	0.6660	0.68	0.05 U	335.0	7.39	--
9/13/17	95.0	0.71	10.0 U	89.6000	--	8.74	166.0	1.1700	1.22	0.05 U	313.0	7.35	--
4/3/18	103.0	0.20 U	16.5	320.0000	--	12.24	380.0	0.8220	0.87	0.05 U	158.0	7.12	--
9/11/18	123.0	0.28	33.5	61.9000	--	7.58	155.0	0.8580	0.93	0.07	112.0	7.33	--
4/8/19	106.0	0.43	20.2	157.0000	--	12.99	188.0 B	1.6000	--	--	105.4	7.90	7.95
7/30/19	112.0	0.11	10.7	138.0000	--	7.70	212.0 B	1.5000	--	--	200.0	6.92	7.57
3/10/20	108.0	0.32	18.8	124.0000	--	10.72	221.0	1.6500	--	--	123.2	8.10	7.72
8/3/20	100.0	0.10 J	26.1	106.0000	--	254.00	194.0	0.9700	--	--	143.2	6.98	7.41
3/29/21	120.0	0.13	20.0	241.0000	--	11.67	126.0	0.8450	--	--	91.4	7.49	7.79
9/7/21	122.0	2.10	33.5	118.0000	--	5.48	182.0	0.5840	--	--	163.0	7.19	7.22
3/29/22	106.0	0.14	9.4	200.0000	--	5.48	209.0	1.4000	--	--	163.0	7.19	7.79

Gude Landfill
Monitoring Location ST70 - General Parameters

Printed 5/25/22

	Phosphate (mg/L)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS											
4/2/01	--	--	--	--	--	--	--	--	--	7.800	--
9/5/01	--	--	--	--	--	--	--	--	--	1.900	--
3/13/02	--	--	--	--	--	--	--	--	--	46.300	--
6/3/03	0.010 U	--	--	--	--	--	--	0	--	16.500	--
9/21/04	0.013	--	--	--	--	--	--	0 U	--	--	--
4/6/05	0.010 U	--	--	--	--	--	--	0 U	--	--	--
9/21/05	0.010 U	--	--	--	--	--	--	0	--	--	--
4/5/06	0.018	--	--	--	--	--	--	0	--	--	--
9/26/06	0.005 U	--	--	--	--	--	--	0	--	--	--
4/18/07	0.010 U	--	--	--	--	--	--	0 U	--	--	--
10/4/07	--	--	--	--	--	--	--	0	--	--	--
3/27/08	--	--	--	--	--	--	--	0	--	--	--
9/22/09	--	--	--	20.80	--	--	352.0	--	--	1.960	--
8/3/10	--	--	--	--	3.0 U	--	--	--	--	--	--
9/21/10	--	--	--	25.20	--	--	524.0	--	--	0.753	--
4/18/11	--	--	--	12.80 J	--	--	312.0	--	--	10.700	--
9/12/11	--	--	--	11.60	--	--	256.0	--	--	--	--
3/5/12	--	--	--	41.40	--	--	448.0	--	--	--	--
9/18/12	--	--	--	27.40	--	--	256.0	--	--	--	--

Gude Landfill
Monitoring Location ST70 - General Parameters

Printed 5/25/22

	Phosphate (mg/L)	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
3/18/13	--	739.0	--	29.70	--	6.0	380.0	--	--	--	155.00
9/23/13	--	424.7	--	28.70	--	16.2	308.0	--	--	--	0.60
3/6/14	--	2485.0	--	24.10	--	3.4	1286.0	--	--	--	3.00
9/4/14	--	447.1	--	28.10	--	20.8	276.0	--	--	--	--
3/23/15	--	862.9	--	20.40	--	9.4	574.0	--	--	--	1.80
9/3/15	--	692.1	--	22.70	--	24.4	397.0	--	--	--	0.00
3/21/16	--	686.3	--	18.60	--	12.8	407.0	--	--	--	0.20
8/30/16	--	609.5	--	15.00	--	23.5	452.0	--	--	--	0.00
3/8/17	--	310.4	--	12.00	--	9.6	253.0	--	--	--	10.70
9/13/17	--	449.9	--	11.40	--	17.5	344.0	--	--	--	3.50
4/3/18	--	1090.0	--	16.70	--	9.3	690.0	--	--	--	0.00
9/11/18	--	451.8	--	15.90	--	20.0	277.0	--	--	--	3.00
4/8/19	--	901.0	754.0	25.80	--	18.1	458.0	--	3.7	4.650	3.30
7/30/19	--	737.0	725.0	30.60	--	22.1	463.0	--	3.1	4.580	0.00
3/10/20	--	608.0	728.0	53.20	--	10.8	425.0	--	11.7	9.830	58.60
8/3/20	--	663.0	657.0	43.80	--	23.5	407.0	--	71.4	1.910	36.30
3/29/21	--	887.0	1000.0	16.90	--	15.0	518.0	--	4.7	5.240	6.90
9/7/21	--	666.0	661.0	26.10	--	21.9	370.0	--	8.1	4.540	163.35
3/29/22	--	666.0	915.3	23.10	--	21.9	482.0	--	6.0	4.370	163.35

Gude Landfill
Monitoring Location ST70 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
4/2/01	0.0007 U	0.0020 U	0.0377	0.0005 U	--	0.0006 U	--	0.0020 U	0.0020 U	0.0100 U	--	0.00130 U
9/5/01	0.0020 U	0.0007 U	0.0564	0.0017 U	--	0.0006 U	--	0.0095	0.0020 U	0.0097	--	0.00200 U
3/13/02	0.0020 U	0.0020 U	0.0344	0.0017 U	--	0.0006 U	--	0.0093	0.0020 U	0.0179	--	0.00460
6/3/03	0.0007 U	0.0020 U	0.0510	0.0004 U	--	0.0004 U	--	0.0031	0.0020 U	0.0195	--	0.00200 U
9/21/04	0.0028 U	0.0006 U	0.0506	0.0012 U	--	0.0003 U	--	0.0020 U	0.0020 U	0.0107	--	0.00200 U
4/6/05	0.0028 U	0.0006 U	0.0475	0.0012 U	--	0.0003 U	--	0.0020 U	0.0020 U	0.0162	--	0.00200 U
9/21/05	0.0028 U	0.0006 U	0.0885	0.0012 U	--	0.0003 U	--	0.0167	0.0020 U	0.0166	--	0.00200 U
4/5/06	0.0006 U	0.0006 U	0.0681	0.0007 U	--	0.0004 U	--	0.0202	0.0020 U	0.0109	--	0.00230
9/26/06	0.0007 U	0.0008 U	0.0660	0.0009 U	--	0.0006 U	--	0.0130	0.0020 U	0.0079	--	0.00200 U
4/18/07	0.0007 U	0.0008 U	0.0509	0.0009 U	0.062	--	--	0.0034	0.0020 U	0.0072	--	0.00070 U
10/4/07	0.0007 U	0.0008 U	0.0699	0.0009 U	0.084	--	--	0.0194	0.0020 U	0.0109	--	0.00390
3/27/08	0.0020 U	0.0006 U	0.0508	0.0010 U	0.071	--	--	0.0033	0.0020 U	0.0070	--	0.00200 U
3/5/09	0.0020 U	0.0020 U	0.1404	0.0002 U	0.044	--	--	0.0422	0.0020 U	0.0127	--	0.00270
9/22/09	0.0020 U	0.0020 U	0.0624	0.0020 U	--	0.0020 U	38.20	0.0020 U	0.0005 J	0.0067	0.4210	0.00200 U
8/3/10	0.0010 U	0.0007 J	0.0590	0.0010 U	--	0.0010 U	--	0.0010 U	0.0005 J	0.0020	--	0.00100 U
9/21/10	0.0050 U	0.0050 U	0.0632	0.0050 U	--	0.0050 U	42.80	0.0050 U	0.0050 U	0.0076	0.3570 J	0.00500 U
4/18/11	0.0050 U	0.0050 U	0.0498	0.0050 U	--	0.0050 U	32.50 J	0.0050 U	0.0050 U	0.0066	1.0400	0.00500 U
9/12/11	0.0050 U	0.0050 U	0.0488	0.0050 U	--	0.0050 U	27.40	0.0050 U	0.0050 U	0.0071	0.5550	0.00500 U
3/5/12	0.0050 U	0.0050 U	0.0706	0.0050 U	--	0.0050 U	56.80	0.0234	0.0050 U	0.0100	1.3600	0.00500 U
9/18/12	0.0050 U	0.0050 U	0.0544	0.0050 U	--	0.0050 U	31.70	0.0050 U	0.0050 U	0.0066	0.4660	0.00500 U
3/18/13	0.0050 U	0.0050 U	0.0732	0.0050 U	--	0.0050 U	49.30	0.0253	0.0050 U	0.0070	0.7700	0.00500 U
9/23/13	0.0050 U	0.0050 U	0.0606	0.0050 U	--	0.0050 U	39.80	0.0229	0.0050 U	0.0092	0.4860	0.00500 U
3/6/14	0.0050 U	0.0050 U	0.0934	0.0050 U	--	0.0050 U	44.10	0.0050 U	0.0050 U	0.0073	0.7060	0.00500 U

Gude Landfill
Monitoring Location ST70 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
9/4/14	0.0050 U	0.0050 U	0.0820	0.0050 U	--	0.0050 U	37.70	0.0113	0.0050 U	0.0057	0.4980	0.00500 U
3/23/15	0.0020 U	0.0020 U	0.0610	0.0020 U	--	0.0040 U	46.00	0.0100 U	0.0100 U	0.0033 J	0.3900	0.00200 U
9/3/15	0.0010 U	0.0011	0.0640	0.0010 U	--	0.0005 U	54.00	0.0050 U	0.0050 U	0.0050 U	0.0930	0.00100 U
3/21/16	0.0020 U	0.0020 U	0.0681	0.0020 U	--	0.0020 U	43.00	0.0020 U	0.0020 U	0.0035	0.7580	0.00200 U
8/30/16	0.0020 U	0.0020 U	0.0625	0.0020 U	--	0.0020 U	46.50	0.0020 U	0.0020 U	0.0020 U	0.3290	0.00200 U
3/8/17	0.0050 U	0.0050 U	0.0601	0.0050 U	--	0.0050 U	34.50	0.0050 U	0.0050 U	0.0116	0.4560	0.00500 U
9/13/17	0.0050 U	0.0050 U	0.0655	0.0050 U	--	0.0050 U	38.70	0.0050 U	0.0050 U	0.0052	0.4960	0.00500 U
4/3/18	0.0020 U	0.0020 U	0.0768	0.0020 U	--	0.0020 U	88.40	0.0020 U	0.0020 U	0.0024	0.9360	0.00200 U
9/11/18	0.0050 U	0.0050 U	0.0496	0.0050 U	--	0.0050 U	35.60	0.0050 U	0.0050 U	0.0127	0.3150	0.00500 U
4/8/19	0.0010 U	0.0010 U	0.0786	0.0010 U	--	0.0010 U	37.70	0.0093	0.0014	0.0028	0.5720	0.00100 U
7/30/19	0.0010 U	0.0010 U	0.0837	0.0010 U	--	0.0010 U	49.90 B	0.0044	0.0010 U	0.0015	0.2410	0.00100 U
3/10/20	0.0010 U	0.0010 U	0.0880	0.0010 U	--	0.0010 U	52.30	0.0436	0.0016	0.0014	0.5300	0.00100 U
8/3/20	0.0010 U	0.0010 U	0.0760	0.0010 U	--	0.0010 U	46.60	0.0243	0.0010 U	0.0028	0.4390	0.00100 U
3/29/21	0.0010 U	0.0010 U	0.0513	0.0010 U	--	0.0010 U	29.20	0.0083	0.0010 J	0.0066	0.5830	0.00121
9/7/21	0.0010 J	0.0010 U	0.0902	0.0010 U	--	0.0010 U	42.30	0.0067	0.0036	0.0090	0.9150	0.00186
3/29/22	0.0010 U	0.0010 U	0.0798	0.0010 U	--	0.0010 U	49.50	0.0054	0.0018	0.0019	0.4000	0.00100 U

Gude Landfill
Monitoring Location ST70 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002		
4/2/01	--	0.16300	0.000100 U	0.0064	--	0.00180 U	0.0052 U	--	0.0009 U	0.2000 U	0.00060 U
9/5/01	--	0.10950	0.000100 U	0.0100 U	--	0.00200 U	0.0044 U	--	0.0009 U	0.2000 U	0.00200 U
3/13/02	--	0.11540	0.000100 U	0.0134	--	0.00090 U	0.0044 U	--	0.0009 U	0.2000 U	0.00330
6/3/03	--	0.24070	0.000200 U	0.0070	--	0.00120 U	0.0096 U	--	0.0010 U	0.0008 U	0.00200 U
9/21/04	--	0.15550	0.000100 U	0.0046	--	0.00100 U	0.0018 U	--	0.0006 U	0.0003 U	0.00200 U
4/6/05	--	0.23560	0.000100 U	0.0075	--	0.00200 U	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U
9/21/05	--	0.12720	0.000100 U	0.0059	--	0.00200 U	0.0018 U	--	0.0006 U	0.0050 U	0.00200 U
4/5/06	--	0.27240	0.000100 U	0.0086	--	0.00150 U	0.0004 U	--	0.0004 U	0.0050 U	0.00200 U
9/26/06	--	0.10560	0.000200 U	0.0044	--	0.00200 U	0.0005 U	--	0.0007 U	0.0050 U	0.00070 U
4/18/07	--	--	0.000200 U	0.0074	--	0.00200 U	0.0005 U	--	0.0007 U	0.0500 U	0.00200 U
10/4/07	--	--	0.000200 U	0.0070	--	0.00200 U	0.0005 U	--	0.0007 U	0.0020 U	0.00200 U
3/27/08	--	--	0.000200 U	0.0085	--	0.00200 U	0.0001 U	--	0.0001 U	0.0500 U	0.00200 U
3/5/09	--	--	0.000200 U	0.0095	--	0.00200 U	0.0009 U	--	0.0002 U	0.0011 U	0.00200 U
9/22/09	16.300	0.15400	0.000200 U	0.0086	4.300	0.00200 U	0.0020 U	34.20	0.0020 U	--	0.00200 U
8/3/10	--	--	0.000200 U	0.0081	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U
9/21/10	17.800	0.14700	0.000200 U	0.0077	6.840	0.00500 U	0.0050 U	40.10	0.0050 U	--	0.00500 U
4/18/11	13.600	0.18500	0.000200 U	0.0086	4.150	0.00500 U	0.0050 U	45.60 J	0.0050 U	--	0.00500 U
9/12/11	8.980	0.09280	0.000200 U	--	4.520	0.00500 U	0.0050 U	20.40	0.0050 U	--	0.00500 U
3/5/12	16.500	0.43600	0.000200 U	--	13.100	0.00500 U	0.0050 U	77.10	0.0050 U	--	0.00500 U
9/18/12	11.700	0.07640	0.000200 U	--	5.330	0.00500 U	0.0050 U	22.10	0.0050 U	--	0.00500 U
3/18/13	18.900	0.27600	0.000200 U	--	14.300	0.00500 U	0.0050 U	70.30	0.0050 U	--	0.00500 U
9/23/13	11.800	0.09730	0.000200 U	--	13.500	0.00500 U	0.0050 U	25.90	0.0050 U	--	0.00500 U
3/6/14	19.000	0.34400	0.000200 U	0.0103	14.300	0.00500 U	0.0050 U	384.00	0.0050 U	--	0.00500 U

Gude Landfill
Monitoring Location ST70 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)
9/4/14	10.900	0.07950	0.000200 U	0.0050 U	12.300	0.00500 U	0.0050 U	30.70	0.0050 U	--	0.00500 U
3/23/15	21.000	0.32000	0.000200 U	0.0110	5.500	0.03500 U	0.0100 U	130.00	0.0020 U	--	0.01000 U
9/3/15	24.000	--	0.000200 U	0.0100 U	5.200	0.00500 U	0.0010 U	50.00	0.0010 U	--	0.00500 U
3/21/16	19.300	0.27200	0.000200 U	0.0079	3.830	0.00200 U	0.0020 U	71.60	0.0010 U	--	0.00200 U
8/30/16	20.800	0.07940	0.000200 U	0.0038	4.250	0.00200 U	0.0020 U	39.10	0.0010 U	--	0.00200 U
3/8/17	14.600	0.19100	0.000200 U	0.0080	2.880	0.00500 U	0.0050 U	49.10	0.0050 U	--	0.00500 U
9/13/17	17.300	0.15000	0.000200 U	0.0051	3.440	0.00500 U	0.0050 U	31.80	0.0050 U	--	0.00500 U
4/3/18	38.600	0.32900	0.000200 U	0.0094	7.490	0.00200 U	0.0020 U	312.00	0.0010 U	--	0.00200 U
9/11/18	16.000	0.08050	0.000200 U	0.0079	4.800	0.00500 U	0.0050 U	26.00	0.0050 U	--	0.00500 U
4/8/19	22.900	0.26100	0.000100 U	0.0069	6.010	0.00100 U	0.0010 U	64.80	0.0010 U	--	0.00100 U
7/30/19	21.200	0.14700	0.000100 U	0.0043	8.200	0.00100 U	0.0010 U	49.20 B	0.0010 U	--	0.00100 U
3/10/20	22.100	0.33600	0.000100 U	0.0065	14.900	0.00100 U	0.0010 U	48.30	0.0010 U	--	0.00100 U
8/3/20	19.000	0.19200	0.000100 U	0.0049	11.800	0.00100 U	0.0010 U	40.00	0.0010 U	--	0.00118
3/29/21	13.000	0.18300	0.000100 U	0.0028	4.700	0.00100 U	0.0010 U	124.00	0.0010 U	--	0.00100 U
9/7/21	18.500	1.29000	0.000100 U	0.0106	7.640	0.00100 U	0.0010 U	45.00	0.0010 U	--	0.00100 U
3/29/22	20.800	0.34800	0.000100 U	0.0067	5.730	0.00100 U	0.0010 U	87.70	0.0010 U	--	0.00100 U

Gude Landfill
Monitoring Location ST70 - Total Metals

Printed 5/25/22

	Zinc, total (mg/L)
MCL/ GWPS	
4/2/01	0.01570
9/5/01	--
3/13/02	--
6/3/03	--
9/21/04	--
4/6/05	--
9/21/05	--
4/5/06	--
9/26/06	--
4/18/07	0.01670
10/4/07	0.01870
3/27/08	0.01600
3/5/09	0.03420
9/22/09	0.01000 U
8/3/10	0.01600
9/21/10	0.00661
4/18/11	0.01450
9/12/11	0.01210
3/5/12	0.01430
9/18/12	0.01110
3/18/13	0.01360
9/23/13	0.02150
3/6/14	0.02570

Gude Landfill
Monitoring Location ST70 - Total Metals

Printed 5/25/22

	Zinc, total (mg/L)
9/4/14	0.01010
3/23/15	0.01400
9/3/15	0.00540
3/21/16	0.01070
8/30/16	0.00362
3/8/17	0.01400
9/13/17	0.02420
4/3/18	0.01150
9/11/18	0.02820
4/8/19	0.00945
7/30/19	0.01190
3/10/20	0.01010
8/3/20	0.01140
3/29/21	0.01720
9/7/21	0.02420
3/29/22	0.00943

Gude Landfill

Printed 5/25/22

Monitoring Location ST70 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200		5		7				0.2	0.05	600	5	5		75
9/5/01	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
3/13/02	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
6/3/03	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	1.00 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/21/04	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/6/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/5/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/26/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/18/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	0.43 U	0.27 U	0.34 U	0.33 U	0.44 U
10/4/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
3/27/08	0.18 U	0.18 U	0.21 U	0.23 U	0.22 U	0.18 U	0.26 U	0.14 U	0.24 U	0.16 U	0.25 U	0.18 U	0.17 U	0.20 U	10.00 U
3/5/09	0.12 U	0.17 U	0.14 U	0.17 U	0.14 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	10.00 U	0.13 U	0.15 U	0.13 U	10.00 U
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.34 J
8/3/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/21/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/18/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/12/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/5/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/18/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

Printed on Recycled Paper

Gude Landfill

Printed 5/25/22

Monitoring Location ST70 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
9/23/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/4/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/13/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/3/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/10/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST70 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
9/5/01	--	0.18 U	--	1.00 U	--	0.21 U	0.20 U	1.00 U	1.00 U	0.15 U	1.00 U	0.15 U	0.28 U	0.20 U	1.00 U
3/13/02	--	0.18 U	--	1.00 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	1.00 U	0.20 U	0.23 U
6/3/03	--	0.18 U	--	1.00 U	--	0.21 U	0.20 U	1.00 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	4.24
9/21/04	0.29 U	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/6/05	0.29 U	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/21/05	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/5/06	0.29 U	0.19 U	--	1.00 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/26/06	0.29 U	0.19 U	--	1.00 U	--	0.28 U	0.34 U	0.31 U	0.27 U	1.00 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/18/07	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
10/4/07	1.00 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	1.00 U
3/27/08	--	--	--	--	--	0.24 U	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	0.17 U	0.10 U	0.21 U
3/5/09	--	--	--	--	--	0.09 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.16 U	0.13 U	0.50 U
9/22/09	0.32 J	1.00 U	1.00 U	0.43 J	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	1.00 U	0.07 J	1.00 U
8/3/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/21/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/18/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/5/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST70 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
9/23/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.61
8/30/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/13/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/3/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	5.00 U	5.00 U	5.00 U	9.70	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/10/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	5.00 U	5.00 U	5.00 U	6.60	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	5.00 U	5.00 U	5.00 U	17.70	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST70 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
9/5/01	0.21 U	1.00 U	0.19 U	1.00 U	0.26 U	0.28 U	0.17 U	--	0.22 U	12.18	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
3/13/02	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	1.55	1.00 U	0.22 U
6/3/03	0.21 U	0.22 U	0.19 U	1.00 U	0.26 U	1.00 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
9/21/04	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/6/05	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
9/21/05	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/5/06	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
9/26/06	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/18/07	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	1.00 U	0.32 U	0.45 U
10/4/07	0.25 U	1.00 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
3/27/08	0.15 U	1.04	0.13 U	0.15 U	0.26 U	0.43 U	--	5.00 U	0.15 U	0.12 U	0.22 U	0.20 U	0.20 U	0.28 U	0.22 U
3/5/09	0.20 U	1.17	0.12 U	0.13 U	0.12 U	0.23 U	--	7.27	0.20 U	0.17 U	0.11 U	0.11 U	0.16 U	0.12 U	0.14 U
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/21/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	1.04 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/18/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/12/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
3/5/12	1.00 U	1.00 U	1.00 U	1.00 U	0.47	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	0.97	1.00 U
9/18/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/18/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location ST70 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
9/23/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/23/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/3/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/21/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/30/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/13/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/3/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/10/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST70 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
9/5/01	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
3/13/02	0.13 U	0.14 U	1.00 U	0.18 U	--	--	--
6/3/03	0.13 U	1.00 U	1.00 U	0.18 U	--	--	--
9/21/04	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
4/6/05	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/21/05	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
4/5/06	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/26/06	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
4/18/07	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
10/4/07	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
3/27/08	0.08 U	--	0.23 U	0.07 U	--	0.22 U	--
3/5/09	0.13 U	--	0.50 U	0.10 U	--	0.18 U	--
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	--
8/3/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/21/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	--
4/18/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/5/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.20
9/18/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/18/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--

Gude Landfill

Monitoring Location ST70 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
9/23/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/6/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/4/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/23/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/3/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/21/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
8/30/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/8/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/13/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/3/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/30/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/10/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/29/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/7/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/29/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location ST80 - Dissolved Metals

Printed 5/25/22

	Manganese, dissolved (mg/L)	Nickel, dissolved (mg/L)
MCL/ GWPS		
9/12/11	--	0.01 U
3/5/12	--	0.01 U
9/18/12	--	0.01 U
3/18/13	--	0.01 U
9/23/13	--	0.01
9/9/15	0.170	--

Gude Landfill
Monitoring Location ST80 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
MCL/ GWPS					0.2			10		1				
4/2/01	--	--	--	41.3036	0.005 U	--	--	--	--	--	--	--	--	--
9/5/01	--	--	--	17.4057	0.007	--	--	--	--	--	--	--	--	--
3/13/02	--	--	--	59.6393	0.002	--	--	--	--	--	--	--	--	--
6/3/03	--	--	--	25.1835	0.002 U	--	--	--	--	--	--	--	--	0.010 U
9/21/04	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.010 U
4/6/05	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.040
9/21/05	--	--	--	--	0.002 U	--	--	--	--	--	--	--	--	0.010 U
4/5/06	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.012
9/26/06	--	--	--	--	0.002	--	--	--	--	--	--	--	--	0.010 U
4/18/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	0.029
10/4/07	--	--	--	--	0.005 U	--	--	--	--	--	--	--	--	--
3/27/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/24/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/22/09	48.0	0.20 U	6.7 J	32.6000	--	--	70.0	0.8957	--	--	--	--	--	--
8/3/10	--	--	--	--	0.050 U	--	--	--	--	--	--	--	--	--
9/23/10	44.0	0.20 U	17.0	28.6000	--	--	68.0	0.3500	0.37	0.02 J	--	--	--	--
4/18/11	32.0	0.20 U	14.6	27.1000	--	--	46.0	0.8560	0.91	0.05 U	--	--	--	--
9/12/11	42.0	0.20 U	12.5	29.4000	--	--	55.0	0.4230	0.47	0.05 U	--	--	--	--
3/5/12	34.0	0.20 U	10.3	45.8000	--	--	58.0	1.6800	1.73	0.05 U	--	--	--	--

Gude Landfill
Monitoring Location ST80 - General Parameters

Printed 5/25/22

	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Cyanide, Total (mg/L)	Dissolved Oxygen, Field (mg/L)	Hardness (mg/L)	Nitrate (mg/L)	Nitrate+Nitrite (mg/L)	Nitrite (mg/L)	ORP, Field (mV)	pH, Field (SU)	pH, Lab (SU)	Phosphate (mg/L)
9/18/12	54.0	0.20 U	10.8	38.1000	--	--	86.0	0.6790	0.73	0.05 U	--	--	--	--
3/18/13	34.0	0.20 U	10.0 U	107.0000	--	12.81	66.0	1.5200	1.57	0.05 U	--	7.11	--	--
9/23/13	569.0	0.20 U	14.4	43.0000	--	8.37	76.0	0.3090	0.36	0.05 U	334.0	7.65	--	--
3/6/14	31.0	0.20 U	10.0 U	207.0000	--	14.43	84.0	1.7900	--	--	446.0	7.64	--	--
9/4/14	41.0	0.20 U	20.5	40.9000	--	7.08	76.0	0.5340	0.58	0.05 U	--	7.60	--	--
3/19/15	33.0	0.20 U	12.9	177.0000	--	13.72	82.0	1.2700	1.32	0.05 U	301.0	7.62	--	--
9/9/15	60.0	0.20 U	10.0 U	70.6000	--	6.66	106.0	0.7960	0.81	0.05 U	--	6.93	--	--
3/22/16	34.0	0.20 U	10.0 U	111.0000	--	12.81	80.0	1.5600	1.61	0.05 U	--	8.03	--	--
9/6/16	45.0	0.20 U	11.4	40.9000	--	6.94	92.0	0.5280	0.58	0.05 U	295.0	7.33	--	--
3/8/17	40.0	0.20 U	10.0 U	77.0000	--	14.55	120.0	1.2700	1.32	0.05 U	228.0	7.13	--	--
9/13/17	45.0	0.20 U	10.0 U	40.1000	--	7.34	100.0	1.0988	1.16	0.06	321.0	7.43	--	--
4/3/18	34.5	0.20 U	10.0 U	181.0000	--	11.55	88.6	1.6500	1.66	0.05 U	215.0	7.33	--	--
9/11/18	33.4	0.31	17.1	24.4000	--	8.28	52.1	0.6450	0.70	0.05 U	44.0	7.29	--	--
4/8/19	104.0	0.10 U	21.0	152.0000	--	13.79	188.0 B	1.6000	--	--	136.4	9.18	9.02	--
7/30/19	123.0	0.10 U	15.9	140.0000	--	8.03	210.0 B	1.8000	--	--	200.0	7.76	7.96	--
3/10/20	112.0	0.11	9.0	135.0000	--	12.19	207.0	1.5000	--	--	146.7	8.15	8.05	--
8/3/20	48.8	0.23	40.4	49.8000	--	6.62	85.1	0.5700	--	--	34.5	8.21	7.40	--
3/30/21	120.0	0.14	8.8	172.0000	--	11.40	150.0	1.2400	--	--	153.9	8.10	8.62	--
9/9/21	67.7	0.26	33.2	33.7000	--	7.68	80.3	0.3430	--	--	294.5	7.09	7.67	--
3/31/22	70.5	0.12	5.1	157.0000	--	7.68	146.0	1.3300	--	--	294.5	7.09	7.82	--

Gude Landfill
Monitoring Location ST80 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
MCL/ GWPS										
4/2/01	--	--	--	--	--	--	--	--	9.700	--
9/5/01	--	--	--	--	--	--	--	--	2.500	--
3/13/02	--	--	--	--	--	--	--	--	28.300	--
6/3/03	--	--	--	--	--	--	0 U	--	51.000	--
9/21/04	--	--	--	--	--	--	0 U	--	--	--
4/6/05	--	--	--	--	--	--	0 U	--	--	--
9/21/05	--	--	--	--	--	--	0 U	--	--	--
4/5/06	--	--	--	--	--	--	0	--	--	--
9/26/06	--	--	--	--	--	--	0	--	--	--
4/18/07	--	--	--	--	--	--	0 U	--	--	--
10/4/07	--	--	--	--	--	--	0	--	--	--
3/27/08	--	--	--	--	--	--	0 U	--	--	--
9/24/08	--	--	--	--	--	--	0 U	--	--	--
9/22/09	--	--	8.16	--	--	144.0	--	--	1.850	--
8/3/10	--	--	--	3.0 U	--	--	--	--	--	--
9/23/10	--	--	5.53	--	--	168.0	--	--	7.860	--
4/18/11	--	--	6.57	--	--	144.0	--	--	91.800	--
9/12/11	--	--	6.04	--	--	160.0	--	--	--	--
3/5/12	--	--	5.77	--	--	168.0	--	--	--	--

Gude Landfill
Monitoring Location ST80 - General Parameters

Printed 5/25/22

	Specific Conductivity, Field (uS/cm)	Specific Conductivity, Lab (umhos/cm)	Sulfate, total (mg/L)	Sulfide (mg/L)	Temperature, field (°C)	Total Dissolved Solids (mg/L)	Total Phenolics (mg/L)	Total Suspended Solids (mg/L)	Turbidity (NTU)	Turbidity, Field (NTU)
9/18/12	--	--	5.55	--	--	160.0	--	--	--	--
3/18/13	466.6	--	8.53	--	7.4	246.0	--	--	--	1000.00
9/23/13	231.3	--	6.35	--	18.4	180.0	--	--	--	4.00
3/6/14	685.1	--	10.00	--	4.5	396.0	--	--	--	8.80
9/4/14	211.2	--	5.89	--	23.1	168.0	--	--	--	--
3/19/15	541.2	--	8.62	--	5.5	362.0	--	--	--	24.00
9/9/15	333.5	--	7.55	--	22.1	172.0	--	--	--	--
3/22/16	393.0	--	8.65	--	9.2	236.0	--	--	--	2.30
9/6/16	219.8	--	4.72	--	21.3	154.0	--	--	--	0.60
3/8/17	571.5	--	8.56	--	8.2	213.0	--	--	--	1.50
9/13/17	223.1	--	6.30	--	18.7	195.0	--	--	--	0.50
4/3/18	582.5	--	8.29	--	9.9	397.0	--	--	--	2.40
9/11/18	153.4	--	4.54	--	20.6	81.0	--	--	--	1.20
4/8/19	860.0	723.0	27.50	--	18.7	445.0	--	4.4	4.620	5.90
7/30/19	751.0	735.0	21.90	--	22.2	465.0	--	2.4 U	0.816	0.00
3/10/20	571.0	680.0	22.60	--	10.8	378.0	--	2.9	2.640	119.30
8/3/20	306.7	281.0	4.92	--	25.5	192.0	--	3.6	6.820	11.90
3/30/21	782.0	808.0	19.10	--	18.9	441.0	--	2.4	2.340	14.19
9/9/21	268.2	271.0	13.10	--	21.9	144.0	--	6.2	5.210	15.70
3/31/22	268.2	692.6	13.80	--	21.9	375.0	--	3.0	2.650	15.70

Gude Landfill
Monitoring Location ST80 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004		0.005		0.1				0.015
4/2/01	0.0007 U	0.0020 U	0.0247	0.0005 U	--	0.0006 U	--	0.0020 U	0.0020 U	0.0173	--	0.00200 U
9/5/01	0.0020 U	0.0020 U	0.0250	0.0017 U	--	0.0006 U	--	0.0012 U	0.0020 U	0.0063	--	0.00200 U
3/13/02	0.0005 U	0.0020 U	0.0854	0.0017 U	--	0.0006 U	--	0.0061	0.0071	0.0126	--	0.00800
6/3/03	0.0007 U	0.0020 U	0.0282	0.0004 U	--	0.0004 U	--	0.0020 U	0.0020 U	0.0172	--	0.00200 U
9/21/04	0.0028 U	0.0006 U	0.0252	0.0012 U	--	0.0003 U	--	0.0020 U	0.0005 U	0.0133	--	0.00200 U
4/6/05	0.0028 U	0.0006 U	0.0298	0.0012 U	--	0.0003 U	--	0.0042	0.0020 U	0.0116	--	0.00200
9/21/05	0.0028 U	0.0020 U	0.0436	0.0012 U	--	0.0003 U	--	0.0020 U	0.0023	0.0117	--	0.00280
4/5/06	0.0006 U	0.0006 U	0.0294	0.0007 U	--	0.0004 U	--	0.0020 U	0.0005 U	0.0125	--	0.00230
9/26/06	0.0007 U	0.0008 U	0.0265	0.0009 U	--	0.0006 U	--	0.0020 U	0.0005 U	0.0051	--	0.00200 U
4/18/07	0.0007 U	0.0008 U	0.0297	0.0009 U	0.025	--	--	0.0026	0.0020 U	0.0072	--	0.00200 U
10/4/07	0.0007 U	0.0008 U	0.0490	0.0009 U	0.061	--	--	0.0021	0.0020 U	0.0070	--	0.00200 U
3/27/08	0.0005 U	0.0006 U	0.0305	0.0010 U	0.020 U	--	--	0.0020 U	0.0020 U	0.0061	--	0.00200 U
9/24/08	0.0010 U	0.0012 U	0.0405	0.0020 U	0.041	--	--	0.0016 U	0.0024 U	0.0056	--	0.00200 U
3/5/09	0.0020 U	0.0020 U	0.0513	0.0002 U	0.015	--	--	0.0020 U	0.0020 U	0.0064	--	0.00200 U
9/22/09	0.0020 U	0.0020 U	0.0365	0.0020 U	--	0.0020 U	16.20	0.0020 U	0.0020 U	0.0056	0.3200	0.00200 U
8/3/10	0.0010 U	0.0012	0.0400	0.0010 U	--	0.0010 U	--	0.0010 U	0.0010 U	0.0010	--	0.00100 U
9/23/10	0.0050 U	0.0050 U	0.0311	0.0050 U	--	0.0050 U	12.50	0.0050 U	0.0050 U	0.0066	0.8630	0.00500 U
4/18/11	0.0050 U	0.0050 U	0.0387	0.0050 U	--	0.0050 U	11.80	0.0050 U	0.0050 U	0.0068	1.4400	0.00500 U
9/12/11	0.0050 U	0.0050 U	0.0315	0.0050 U	--	0.0050 U	11.90	0.0050 U	0.0050 U	0.0050	0.5200	0.00500 U
3/5/12	0.0050 U	0.0050 U	0.0346	0.0050 U	--	0.0050 U	14.20	0.0050 U	0.0050 U	0.0058	0.7410	0.00500 U
9/18/12	0.0050 U	0.0050 U	0.0440	0.0050 U	--	0.0050 U	18.60	0.0050 U	0.0050 U	0.0050 U	1.1700	0.00500 U
3/18/13	0.0050 U	0.0050 U	0.0408	0.0050 U	--	0.0050 U	16.50	0.0050 U	0.0050 U	0.0061	0.7590	0.00500 U
9/23/13	0.0050 U	0.0050 U	0.0391	0.0050 U	--	0.0050 U	17.50	0.0050 U	0.0050 U	0.0084	0.5500	0.00500 U

Gude Landfill
Monitoring Location ST80 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Boron, total (mg/L)	Cadmium, total (mg/L)	Calcium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Iron, total (mg/L)	Lead, total (mg/L)
3/6/14	0.0050 U	0.0050 U	0.0505	0.0050 U	--	0.0050 U	16.40	0.0050 U	0.0050 U	0.0050 U	0.4640	0.00500 U
9/4/14	0.0050 U	0.0050 U	0.0370	0.0050 U	--	0.0050 U	15.80	0.0050 U	0.0050 U	0.0050 U	0.8520	0.00500 U
3/19/15	0.0020 U	0.0020 U	0.0430	0.0020 U	--	0.0040 U	14.00	0.0100 U	0.0100 U	0.0026 J	1.0000	0.00200 U
9/9/15	0.0010 U	0.0010 U	0.0400	0.0010 U	--	0.0005 U	24.00	0.0050 U	0.0050 U	0.0050 U	0.3900	0.00100 U
3/22/16	0.0020 U	0.0020 U	0.0407	0.0020 U	--	0.0020 U	16.40	0.0020 U	0.0020 U	0.0020 U	0.3380	0.00200 U
9/6/16	0.0020 U	0.0020 U	0.0384	0.0020 U	--	0.0020 U	15.90	0.0020 U	0.0020 U	0.0020 U	0.8130	0.00200 U
3/8/17	0.0050 U	0.0050 U	0.0465	0.0050 U	--	0.0050 U	21.70	0.0050 U	0.0050 U	0.0061	0.5320	0.00500 U
9/13/17	0.0050 U	0.0050 U	0.0383	0.0050 U	--	0.0050 U	19.60	0.0050 U	0.0050 U	0.0050 U	0.8740	0.00500 U
4/3/18	0.0050 U	0.0050 U	0.0541	0.0050 U	--	0.0050 U	18.80	0.0050 U	0.0050 U	0.0050 U	0.5780	0.00500 U
9/11/18	0.0050 U	0.0050 U	0.0349	0.0050 U	--	0.0050 U	11.70	0.0050 U	0.0050 U	0.0050 U	1.2900	0.00500 U
4/8/19	0.0010 U	0.0010 U	0.0644	0.0010 U	--	0.0010 U	38.60	0.0099	0.0010	0.0030	0.5640	0.00100 U
7/30/19	0.0010 U	0.0010 U	0.0694	0.0010 U	--	0.0010 U	47.70 B	0.0010 U	0.0010 U	0.0010 U	0.1070	0.00100 U
3/10/20	0.0010 U	0.0010 U	0.0738	0.0010 U	--	0.0010 U	43.20	0.0033	0.0010	0.0010 U	0.3590	0.00100 U
8/3/20	0.0010 U	0.0010 U	0.0411	0.0010 U	--	0.0010 U	15.70	0.0010 U	0.0010 U	0.0010 U	1.0900	0.00100 U
3/30/21	0.0010 U	0.0010 U	0.0520	0.0010 U	--	0.0010 U	34.00	0.0078	0.0010 U	0.0022	0.3530	0.00100 U
9/9/21	0.0010 U	0.0010 U	0.0344	0.0010 U	--	0.0010 U	20.80	0.0028	0.0010 U	0.0068	0.5080	0.00203
3/31/22	0.0010 U	0.0010 U	0.0535	0.0010 U	--	0.0010 U	31.90	0.0030	0.0010 U	0.0011	0.3460	0.00100 U

Gude Landfill
Monitoring Location ST80 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS			0.002			0.05			0.002			
4/2/01	--	0.12340	0.000200 U	0.0032	--	0.00180 U	0.0052 U	--	0.0009 U	0.2000 U	0.00220	0.01000 U
9/5/01	--	0.15100	0.000100 U	0.0030 U	--	0.00090 U	0.0044 U	--	0.0009 U	0.2000 U	0.00200 U	--
3/13/02	--	0.72040	0.000100 U	0.0109	--	0.00090 U	0.0044 U	--	0.0009 U	0.2000 U	0.01480	--
6/3/03	--	0.11500	0.000200 U	0.0037	--	0.00120 U	0.0096 U	--	0.0010 U	0.0008 U	0.00200 U	--
9/21/04	--	0.21070	0.000100 U	0.0022	--	0.00100 U	0.0018 U	--	0.0006 U	0.0003 U	0.00200 U	--
4/6/05	--	0.14390	0.000100 U	0.0055	--	0.00100 U	0.0018 U	--	0.0006 U	0.0050 U	0.00450	--
9/21/05	--	0.79160	0.000100 U	0.0053	--	0.00100 U	0.0018 U	--	0.0006 U	0.0050 U	0.00300	--
4/5/06	--	0.07390	0.000100 U	0.0028	--	0.00150 U	0.0004 U	--	0.0004 U	0.0050 U	0.00040 U	--
9/26/06	--	0.13200	0.000200 U	0.0020 U	--	0.00080 U	0.0005 U	--	0.0007 U	0.0050 U	0.00200 U	--
4/18/07	--	--	0.000200 U	0.0056	--	0.00080 U	0.0005 U	--	0.0007 U	0.0500 U	0.00280	0.00910
10/4/07	--	--	0.000200 U	0.0043	--	0.00080 U	0.0005 U	--	0.0007 U	0.0020 U	0.00200 U	0.00850
3/27/08	--	--	0.000200 U	0.0036	--	0.00200 U	0.0001 U	--	0.0001 U	0.0500 U	0.00200 U	0.00660
9/24/08	--	--	0.000200 U	0.0040 U	--	0.00180 U	0.0016 U	--	0.0012 U	0.0011 U	0.00120 U	0.02000 U
3/5/09	--	--	0.000200 U	0.0035	--	0.00200 U	0.0009 U	--	0.0002 U	0.0011 U	0.00200 U	0.00780
9/22/09	7.410	0.12600	0.000200 U	0.0042	3.080	0.00200 U	0.0020 U	17.40	0.0020 U	--	0.00200 U	0.01000 U
8/3/10	--	--	0.000200 U	0.0025	--	0.00100 U	0.0010 U	--	0.0010 U	0.0050 U	0.00500 U	0.01200
9/23/10	6.230	0.15500	0.000200 U	0.0050 U	2.680	0.00500 U	0.0050 U	14.00	0.0050 U	--	0.00500 U	0.00500 U
4/18/11	5.730	0.14900	0.000200 U	0.0055	2.160	0.00500 U	0.0050 U	14.60	0.0050 U	--	0.00500 U	0.00952
9/12/11	5.470	0.05650	0.000200 U	--	3.820	0.00500 U	0.0050 U	12.10	0.0050 U	--	0.00500 U	0.00561
3/5/12	7.920	0.07860	0.000200 U	--	2.570	0.00500 U	0.0050 U	28.20	0.0050 U	--	0.00500 U	0.00612
9/18/12	11.200	0.18400	0.000200 U	--	3.800	0.00500 U	0.0050 U	16.40	0.0050 U	--	0.00500 U	0.00500 U
3/18/13	8.710	0.11500	0.000200 U	--	2.690	0.00500 U	0.0050 U	64.60	0.0050 U	--	0.00500 U	0.00635
9/23/13	10.500	0.09770	0.000200 U	--	3.860	0.00500 U	0.0050 U	17.20	0.0050 U	--	0.00500 U	0.01280

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location ST80 - Total Metals

Printed 5/25/22

	Magnesium, total (mg/L)	Manganese, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Potassium, total (mg/L)	Selenium, total (mg/L)	Silver, total (mg/L)	Sodium, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
3/6/14	9.320	0.10700	0.000200 U	0.0051	2.530	0.00500 U	0.0050 U	110.00	0.0050 U	--	0.00500 U	0.00834
9/4/14	7.830	0.14900	0.000200 U	0.0050 U	2.600	0.00500 U	0.0050 U	14.90	0.0050 U	--	0.00500 U	0.00786
3/19/15	7.300	0.13000	0.000200 U	0.0058 J	3.000	0.03500 U	0.0100 U	92.00	0.0020 U	--	0.01000 U	0.00730 J
9/9/15	13.000	--	0.000200 U	0.0100 U	3.200	0.00500 U	0.0010 U	24.00	0.0010 U	--	0.00500 U	0.00500 U
3/22/16	9.040	0.09590	0.000200 U	0.0025	2.040	0.00200 U	0.0020 U	49.10	0.0010 U	--	0.00200 U	0.00200 U
9/6/16	8.130	0.29900	0.000200 U	0.0033	3.150	0.00200 U	0.0020 U	14.20	0.0010 U	--	0.00200 U	0.00217
3/8/17	11.800	0.11300	0.000200 U	0.0050 U	2.400	0.00500 U	0.0050 U	29.60	0.0050 U	--	0.00500 U	0.00500 U
9/13/17	9.240	0.13900	0.000200 U	0.0050 U	2.730	0.00500 U	0.0050 U	14.90	0.0050 U	--	0.00500 U	0.01670
4/3/18	10.100	0.08830	0.000200 U	0.0050 U	2.220	0.00500 U	0.0050 U	84.00	0.0050 U	--	0.00500 U	0.02230
9/11/18	5.540	0.22000	0.000200 U	0.0050 U	3.320	0.00500 U	0.0050 U	10.60	0.0050 U	--	0.00500 U	0.00500 U
4/8/19	22.200	0.19400	0.000100 U	0.0046	6.730	0.00100 U	0.0010 U	63.70	0.0010 U	--	0.00100 U	0.00476
7/30/19	22.100	0.04240	0.000100 U	0.0024	6.980	0.00100 U	0.0010 U	48.70 B	0.0010 U	--	0.00100 U	0.00400 U
3/10/20	24.100	0.24900	0.000100 U	0.0048	6.080	0.00100 U	0.0010 U	50.60	0.0010 U	--	0.00100 U	0.00408
8/3/20	11.100	0.47300	0.000100 U	0.0029	3.030	0.00100 U	0.0010 U	18.00	0.0010 U	--	0.00100 U	0.00423
3/30/21	15.700	0.11600	0.000100 U	0.0010 U	5.950	0.00100 U	0.0010 U	79.10	0.0010 U	--	0.00100 U	0.00617
9/9/21	6.900	0.20800	0.000100 U	0.0059	3.790	0.00100 U	0.0010 U	16.60	0.0010 U	--	0.00103	0.01290
3/31/22	16.000	0.10800	0.000100 U	0.0044	3.650	0.00100 U	0.0010 U	72.50	0.0010 U	--	0.00100 U	0.00400 U

Gude Landfill

Printed 5/25/22

Monitoring Location ST80 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
MCL/ GWPS	200		5		7				0.2	0.05	600	5	5		75
9/5/01	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
3/13/02	0.18 U	0.15 U	0.23 U	1.00 U	0.19 U	0.15 U	0.22 U	0.21 U	0.14 U	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
6/3/03	0.18 U	0.15 U	0.23 U	0.22 U	0.19 U	0.15 U	0.22 U	1.00 U	1.12	0.20 U	10.00 U	0.17 U	0.21 U	0.19 U	10.00 U
9/21/04	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/6/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/21/05	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/5/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
9/26/06	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
4/18/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
10/4/07	0.13 U	0.24 U	0.44 U	0.25 U	0.27 U	0.37 U	0.35 U	0.40 U	0.33 U	0.28 U	10.00 U	0.27 U	0.34 U	0.33 U	10.00 U
3/27/08	0.18 U	0.18 U	0.21 U	0.23 U	0.22 U	0.18 U	0.26 U	0.14 U	0.24 U	0.16 U	0.25 U	0.18 U	0.17 U	0.20 U	10.00 U
9/24/08	0.12 U	0.17 U	0.14 U	0.17 U	0.14 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	0.10 U	0.13 U	0.15 U	0.13 U	10.00 U
3/5/09	0.12 U	0.17 U	0.14 U	0.17 U	0.14 U	0.15 U	0.13 U	0.17 U	0.20 U	0.08 U	10.00 U	0.13 U	0.15 U	0.13 U	10.00 U
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.17 J
8/3/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	10.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/18/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/12/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
3/5/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U
9/18/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Printed 5/25/22

Monitoring Location ST80 - Volatile Organic Compounds

	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	1,1-Dichloropropene (ug/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethane (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichloropropane (ug/L)	1,4-Dichlorobenzene (ug/L)
3/18/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/4/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/19/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/13/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/3/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/10/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/31/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.05 U	0.02 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST80 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
9/5/01	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	0.28 U	0.20 U	0.23 U
3/13/02	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	0.38 U	0.15 U	1.09	0.20 U	0.23 U
6/3/03	--	0.18 U	--	0.15 U	--	0.21 U	0.20 U	0.18 U	0.14 U	0.15 U	2.35	0.15 U	0.28 U	0.20 U	0.23 U
9/21/04	0.29 U	1.01	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/6/05	1.00 U	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/21/05	1.00 U	1.00 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/5/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
9/26/06	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	1.00 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
4/18/07	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
10/4/07	0.29 U	0.19 U	--	0.39 U	--	0.28 U	0.34 U	0.31 U	0.27 U	0.31 U	0.75 U	0.25 U	0.40 U	0.31 U	0.27 U
3/27/08	--	--	--	--	--	0.24 U	0.12 U	0.19 U	0.12 U	0.50 U	--	0.13 U	0.17 U	0.10 U	0.21 U
9/24/08	--	--	--	--	--	0.09 U	0.14 U	0.11 U	0.16 U	0.50 U	--	0.14 U	0.16 U	0.13 U	0.12 U
3/5/09	--	--	--	--	--	0.09 U	0.14 U	0.11 U	0.16 U	0.12 U	--	0.14 U	0.16 U	0.13 U	0.12 U
9/22/09	1.00 U	1.00 U	1.00 U	0.37 J	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.50 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	1.49 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/18/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/11	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/5/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/18/12	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST80 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
3/18/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/13	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/14	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/19/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/15	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/16	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/13/17	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/3/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	5.00 U	5.00 U	5.00 U	10.40	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/10/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/21	5.00 U	5.00 U	5.00 U	5.30	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/31/22	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location ST80 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
MCL/ GWPS	70			80	700	10000				5	10000	100	5	1000	100
9/5/01	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	5.23	0.27 U	0.21 U	1.00 U	0.24 U	0.22 U
3/13/02	0.21 U	1.00 U	0.19 U	0.17 U	0.26 U	0.28 U	0.17 U	--	0.22 U	1.00 U	0.27 U	0.21 U	3.86	0.24 U	0.22 U
6/3/03	0.21 U	0.22 U	0.19 U	0.17 U	0.26 U	1.00 U	0.17 U	--	0.22 U	0.21 U	0.27 U	0.21 U	0.17 U	0.24 U	0.22 U
9/21/04	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/6/05	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
9/21/05	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	2.00 U	0.28 U	--	0.25 U	0.34 U	1.00 U	0.25 U	1.00 U	0.32 U	0.45 U
4/5/06	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
9/26/06	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	1.00 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
4/18/07	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
10/4/07	0.25 U	0.28 U	0.29 U	0.27 U	0.23 U	0.40 U	0.28 U	--	0.25 U	0.34 U	0.18 U	0.25 U	0.36 U	0.32 U	0.45 U
3/27/08	0.15 U	0.25 U	0.13 U	0.15 U	0.26 U	0.43 U	--	1.73 U	0.15 U	0.12 U	0.22 U	0.20 U	0.20 U	0.28 U	0.22 U
9/24/08	0.20 U	0.14 U	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.16 U	0.12 U	0.14 U
3/5/09	0.20 U	0.14 U	0.12 U	0.13 U	0.12 U	0.23 U	--	1.25 U	0.20 U	0.17 U	0.11 U	0.11 U	0.16 U	0.12 U	0.14 U
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	4.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
4/18/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
9/12/11	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	2.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U
3/5/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	1.00 U	0.72	1.00 U
9/18/12	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Shaded concentrations represent MCL/GWPS exceedances

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Gude Landfill
Monitoring Location ST80 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methyl Tertiary Butyl Ether (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)
3/18/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/23/13	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/6/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/4/14	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/19/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/15	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/22/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/6/16	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/8/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/13/17	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/3/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/11/18	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	5.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
7/30/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/10/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/9/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/31/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill

Printed 5/25/22

Monitoring Location ST80 - Volatile Organic Compounds

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
MCL/ GWPS			5			2	10000
9/5/01	0.13 U	0.14 U	0.19 U	0.18 U	--	--	--
3/13/02	0.13 U	0.14 U	1.61	1.00 U	--	--	--
6/3/03	0.13 U	1.00 U	1.00 U	0.18 U	--	--	--
9/21/04	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
4/6/05	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/21/05	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
4/5/06	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
9/26/06	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
4/18/07	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
10/4/07	0.24 U	0.30 U	0.31 U	0.36 U	--	0.32 U	--
3/27/08	0.08 U	--	0.23 U	0.07 U	--	0.22 U	--
9/24/08	0.13 U	--	0.13 U	0.10 U	--	0.18 U	--
3/5/09	0.13 U	--	0.13 U	0.10 U	--	0.18 U	--
9/22/09	1.00 U	1.00 U	1.00 U	1.00 U	--	1.00 U	--
8/3/10	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/23/10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	--
4/18/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
9/12/11	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3/5/12	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.60
9/18/12	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--

Gude Landfill
Monitoring Location ST80 - Volatile Organic Compounds

Printed 5/25/22

	trans-1,3-Dichloropropene (ug/L)	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)	Xylene (ug/L)
3/18/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/23/13	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/6/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/4/14	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/19/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/9/15	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/22/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/6/16	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
3/8/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/13/17	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/3/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
9/11/18	1.00 U	5.00 U	1.00 U	1.00 U	5.00 U	1.00 U	--
4/8/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
7/30/19	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/10/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
8/3/20	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/30/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
9/9/21	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--
3/31/22	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--

Gude Landfill
Monitoring Location SW-1 - General Parameters

Printed 5/25/22

	Cyanide, Total (mg/L)	Sulfide (mg/L)
MCL/ GWPS	0.2	
8/3/10	0.050 U	3.0 U

Gude Landfill
Monitoring Location SW-1 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Lead, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Selenium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005	0.1			0.015	0.002		0.05
8/3/10	0.0010 U	0.0007 J	0.0390	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.00100 U	0.000200 U	0.0047	0.00100 U

Gude Landfill
Monitoring Location SW-1 - Total Metals

	Silver, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			
8/3/10	0.0010 U	0.0010 U	0.0050 U	0.00500 U	0.01100

Gude Landfill
Monitoring Location SW-1 - Volatile Organic Compounds

Printed 5/25/22

Compound Name (ug/L)	MCL/ GWPS	8/3/10
1,1,1,2-Tetrachloroethane (ug/L)		1.00 U
1,1,1-Trichloroethane (ug/L)	200	1.00 U
1,1,1,2,2-Tetrachloroethane (ug/L)		1.00 U
1,1,2-Trichloroethane (ug/L)	5	1.00 U
1,1-Dichloroethane (ug/L)		1.00 U
1,1-Dichloroethene (ug/L)	7	1.00 U
1,1,1-Dichloropropene (ug/L)		1.00 U
1,2,3-Trichloropropane (ug/L)		1.00 U
1,2-Dibromo-3-chloropropane (ug/L)	0.2	10.00 U
1,2-Dibromoethane (ug/L)	0.05	1.00 U
1,2-Dichlorobenzene (ug/L)	600	1.00 U
1,2-Dichloroethane (ug/L)	5	1.00 U
1,2-Dichloropropane (ug/L)	5	1.00 U
1,3-Dichloropropane (ug/L)		1.00 U
1,4-Dichlorobenzene (ug/L)	75	1.00 U

Gude Landfill
Monitoring Location SW-1 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
8/3/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location SW-1 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)
MCL/ GWPS		70		80	700	10000			5	10000	100	5	1000	100	
8/3/10	1.00 U	1.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.60 J	1.00 U	1.00 U	1.00 U

Gude Landfill Monitoring Location SW-1 - Volatile Organic Compounds

	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS		5			2
8/3/10	5.00 U	0.50 J	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location SW-2 - General Parameters

Printed 5/25/22

	Cyanide, Total (mg/L)	Sulfide (mg/L)
MCL/ GWPS	0.2	
8/3/10	0.050 U	3.0 U

Gude Landfill
Monitoring Location SW-2 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Lead, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Selenium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005	0.1			0.015	0.002		0.05
8/3/10	0.0010 U	0.0008 J	0.0410	0.0010 U	0.0010 U	0.0010 U	0.0005 J	0.0008 J	0.00100 U	0.000200 U	0.0052	0.00100 U

Gude Landfill
Monitoring Location SW-2 - Total Metals

	Silver, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			
8/3/10	0.0010 U	0.0010 U	0.0050 U	0.00500 U	0.01200

Gude Landfill

Printed 5/25/22

Monitoring Location SW-2 - Volatile Organic Compounds

Compound	MCL/ GWPS	8/3/10
1,1,1,2-Tetrachloroethane (ug/L)		1.00 U
1,1,1-Trichloroethane (ug/L)	200	1.00 U
1,1,1,2,2-Tetrachloroethane (ug/L)		1.00 U
1,1,2-Trichloroethane (ug/L)	5	1.00 U
1,1-Dichloroethane (ug/L)		1.00 U
1,1-Dichloroethene (ug/L)	7	1.00 U
1,1,1-Dichloropropene (ug/L)		1.00 U
1,2,3-Trichloropropane (ug/L)		1.00 U
1,2-Dibromo-3-chloropropane (ug/L)	0.2	10.00 U
1,2-Dibromoethane (ug/L)	0.05	1.00 U
1,2-Dichlorobenzene (ug/L)	600	1.00 U
1,2-Dichloroethane (ug/L)	5	1.00 U
1,2-Dichloropropane (ug/L)	5	1.00 U
1,3-Dichloropropane (ug/L)		1.00 U
1,4-Dichlorobenzene (ug/L)	75	1.00 U

Gude Landfill
Monitoring Location SW-2 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
8/3/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location SW-2 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)
MCL/ GWPS		70		80	700	10000			5	10000	100	5	1000	100	
8/3/10	1.00 U	1.00	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill Monitoring Location SW-2 - Volatile Organic Compounds

	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS		5			2
8/3/10	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location SW-3 - General Parameters

Printed 5/25/22

	Cyanide, Total (mg/L)	Sulfide (mg/L)
MCL/ GWPS	0.2	
8/3/10	0.050 U	3.0 U

Gude Landfill
Monitoring Location SW-3 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Lead, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Selenium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005	0.1			0.015	0.002		0.05
8/3/10	0.0010 U	0.0015	0.2300	0.0010 U	0.0010 U	0.0026	0.0390	0.0090	0.00130	0.000200 U	0.0560	0.00100 U

Gude Landfill Monitoring Location SW-3 - Total Metals

	Silver, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			
8/3/10	0.0010 U	0.0010 U	0.0050 U	0.00260 J	0.01500

Gude Landfill
Monitoring Location SW-3 - Volatile Organic Compounds

Printed 5/25/22

Compound Name (ug/L)	MCL/ GWPS	8/3/10
1,1,1,2-Tetrachloroethane (ug/L)		1.00 U
1,1,1-Trichloroethane (ug/L)	200	1.00 U
1,1,1,2,2-Tetrachloroethane (ug/L)		1.00 U
1,1,2-Trichloroethane (ug/L)	5	1.00 U
1,1-Dichloroethane (ug/L)		1.00 U
1,1-Dichloroethene (ug/L)	7	1.00 U
1,1,1-Dichloropropene (ug/L)		1.00 U
1,2,3-Trichloropropane (ug/L)		1.00 U
1,2-Dibromo-3-chloropropane (ug/L)	0.2	10.00 U
1,2-Dibromoethane (ug/L)	0.05	1.00 U
1,2-Dichlorobenzene (ug/L)	600	1.00 U
1,2-Dichloroethane (ug/L)	5	1.00 U
1,2-Dichloropropane (ug/L)	5	1.00 U
1,3-Dichloropropane (ug/L)		1.00 U
1,4-Dichlorobenzene (ug/L)	75	1.00 U

Gude Landfill
Monitoring Location SW-3 - Volatile Organic Compounds

Printed 5/25/22

Compound	Concentration (ug/L)	MCL/GWPS
2-Butanone (ug/L)	10.00 U	8/3/10
2-Hexanone (ug/L)	5.00 U	
4-Methyl-2-Pentanone (ug/L)	5.00 U	
Acetone (ug/L)	5.00 U	
Acrylonitrile (ug/L)	10.00 U	
Benzene (ug/L)	1.00 U	5
Bromochloromethane (ug/L)	1.00 U	
Bromodichloromethane (ug/L)	1.00 U	80
Bromoform (ug/L)	5.00 U	80
Bromomethane (ug/L)	1.00 U	
Carbon Disulfide (ug/L)	1.00 U	
Carbon Tetrachloride (ug/L)	1.00 U	5
Chlorobenzene (ug/L)	1.00 U	100
Chloroethane (ug/L)	1.00 U	
Chloroform (ug/L)	1.00 U	80

Gude Landfill
Monitoring Location SW-3 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)
MCL/ GWPS		70		80	700	10000			5	10000	100	5	1000	100	
8/3/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill Monitoring Location SW-3 - Volatile Organic Compounds

	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS		5			2
8/3/10	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location SW-4 - General Parameters

Printed 5/25/22

	Cyanide, Total (mg/L)	Sulfide (mg/L)
MCL/ GWPS	0.2	
8/3/10	0.050 U	3.0 U

Gude Landfill
Monitoring Location SW-4 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Lead, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Selenium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005	0.1			0.015	0.002		0.05
8/3/10	0.0010 U	0.0007 J	0.0560	0.0010 U	0.0010 U	0.0010 U	0.0008 J	0.0015	0.00100 U	0.000200 U	0.0066	0.00100 U

Gude Landfill Monitoring Location SW-4 - Total Metals

	Silver, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			
8/3/10	0.0010 U	0.0010 U	0.0050 U	0.00500 U	0.01400

Gude Landfill
Monitoring Location SW-4 - Volatile Organic Compounds

Printed 5/25/22

Compound Name (ug/L)	MCL/ GWPS	8/3/10
1,1,1,2-Tetrachloroethane (ug/L)		1.00 U
1,1,1-Trichloroethane (ug/L)	200	1.00 U
1,1,1,2,2-Tetrachloroethane (ug/L)		1.00 U
1,1,2-Trichloroethane (ug/L)	5	1.00 U
1,1-Dichloroethane (ug/L)		1.00 U
1,1-Dichloroethene (ug/L)	7	1.00 U
1,1-Dichloropropene (ug/L)		1.00 U
1,2,3-Trichloropropane (ug/L)		1.00 U
1,2-Dibromo-3-chloropropane (ug/L)	0.2	10.00 U
1,2-Dibromoethane (ug/L)	0.05	1.00 U
1,2-Dichlorobenzene (ug/L)	600	1.00 U
1,2-Dichloroethane (ug/L)	5	1.00 U
1,2-Dichloropropane (ug/L)	5	1.00 U
1,3-Dichloropropane (ug/L)		1.00 U
1,4-Dichlorobenzene (ug/L)	75	1.00 U

Gude Landfill
Monitoring Location SW-4 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	
MCL/ GWPS						5		80	80			5	100			80
8/3/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location SW-4 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)
MCL/ GWPS		70		80	700	10000			5	10000	100	5	1000	100	
8/3/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill Monitoring Location SW-4 - Volatile Organic Compounds

	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS		5			2
8/3/10	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location SW-5 - General Parameters

Printed 5/25/22

	Cyanide, Total (mg/L)	Sulfide (mg/L)
MCL/ GWPS	0.2	
8/3/10	0.050 U	3.0 U

Gude Landfill
Monitoring Location SW-5 - Total Metals

Printed 5/25/22

	Antimony, total (mg/L)	Arsenic, total (mg/L)	Barium, total (mg/L)	Beryllium, total (mg/L)	Cadmium, total (mg/L)	Chromium, total (mg/L)	Cobalt, total (mg/L)	Copper, total (mg/L)	Lead, total (mg/L)	Mercury, total (mg/L)	Nickel, total (mg/L)	Selenium, total (mg/L)
MCL/ GWPS	0.006	0.01	2	0.004	0.005	0.1			0.015	0.002		0.05
8/3/10	0.0010 U	0.0006 J	0.0370	0.0010 U	0.0010 U	0.0006 J	0.0010 U	0.0014	0.00100 U	0.000200 U	0.0026	0.00100 U

Gude Landfill Monitoring Location SW-5 - Total Metals

	Silver, total (mg/L)	Thallium, total (mg/L)	Tin, total (mg/L)	Vanadium, total (mg/L)	Zinc, total (mg/L)
MCL/ GWPS		0.002			
8/3/10	0.0010 U	0.0010 U	0.0050 U	0.00500 U	0.01300

Gude Landfill

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Monitoring Location SW-5 - Volatile Organic Compounds

Compound	MCL/ GWPS	8/3/10
1,1,1,2-Tetrachloroethane (ug/L)		1.00 U
1,1,1-Trichloroethane (ug/L)	200	1.00 U
1,1,1,2,2-Tetrachloroethane (ug/L)		1.00 U
1,1,2-Trichloroethane (ug/L)	5	1.00 U
1,1-Dichloroethane (ug/L)		1.00 U
1,1-Dichloroethene (ug/L)	7	1.00 U
1,1,1-Dichloropropene (ug/L)		1.00 U
1,2,3-Trichloropropane (ug/L)		1.00 U
1,2-Dibromo-3-chloropropane (ug/L)	0.2	10.00 U
1,2-Dibromoethane (ug/L)	0.05	1.00 U
1,2-Dichlorobenzene (ug/L)	600	1.00 U
1,2-Dichloroethane (ug/L)	5	1.00 U
1,2-Dichloropropane (ug/L)	5	1.00 U
1,3-Dichloropropane (ug/L)		1.00 U
1,4-Dichlorobenzene (ug/L)	75	1.00 U

Gude Landfill
Monitoring Location SW-5 - Volatile Organic Compounds

Printed 5/25/22

	2-Butanone (ug/L)	2-Hexanone (ug/L)	4-Methyl-2-Pentanone (ug/L)	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon Disulfide (ug/L)	Carbon Tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)
MCL/ GWPS						5		80	80			5	100		80
8/3/10	10.00 U	5.00 U	5.00 U	5.00 U	10.00 U	1.00 U	1.00 U	1.00 U	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill
Monitoring Location SW-5 - Volatile Organic Compounds

Printed 5/25/22

	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Ethylbenzene (ug/L)	m&p-Xylene (ug/L)	Methyl Iodide (ug/L)	Methylene Bromide (ug/L)	Methylene Chloride (ug/L)	o-Xylene (ug/L)	Styrene (ug/L)	Tetrachloroethene (ug/L)	Toluene (ug/L)	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)
MCL/ GWPS		70		80	700	10000			5	10000	100	5	1000	100	
8/3/10	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.00 U	20.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Gude Landfill Monitoring Location SW-5 - Volatile Organic Compounds

	trans-1,4-Dichloro-2-butene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl Acetate (ug/L)	Vinyl Chloride (ug/L)
MCL/ GWPS		5			2
8/3/10	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U