DEPARTMENT OF ENVIRONMENTAL PROTECTION

Isiah Leggett
County Executive

Fariba Kassiri
Acting Director

December 3, 2014

Mrs. Martha Hynson, Chief
Landfill Operations
Maryland Department of the Environment
1800 Washington Boulevard
Baltimore, Maryland 21230

Dear Mrs. Hynson:

Please find enclosed the results of the latest water quality monitoring performed at the Gude Landfill for the Fall 2014. This report has been developed based on the approved Groundwater and Surface Water Monitoring Plan (G&SWM) to monitor the water quality contamination in and around the Gude Landfill in Montgomery County. This report is submitted in fulfillment of the G&SWM requirements approved on May 11, 2009, by Maryland Department of the Environment (MDE).

This report provides a summary of the results for water quality monitoring performed for the semiannual period from April 2014 to September 2014. In addition to sampling results and analysis for the 20 observation wells and 5 stream locations specified in the approved G&SWM, this report also includes the monitoring results for an additional 16 monitoring wells constructed in 2010 at the site as part of an ongoing Nature and Extent Study being conducted by the County's Department of Environmental Protection - Division of Solid Waste Management in coordination with your Office. To differentiate between the two sets of observation wells; the observation wells installed in 2010 have been designated by the prefix "MW", while the pre-existing (prior to 2010) wells are designated by an "OB".

The results obtained for this reporting period are similar and comparable with the prior monitoring results with respect to the types and concentrations of pollutants. The results represent typical fluctuations in water quality that have been observed previously during the past several years. The following provides a brief overview of the results obtained from the laboratory analyses for all the monitoring sites for this reporting period. Please refer to the attached tables, diagrams, and the enclosed CD for additional information.

VOLATILE ORGANIC COMPOUNDS:

The highlights of the results for this reporting period are listed below. Please note that MCL (Maximum Contaminant Level) is a drinking water standard adopted by the U.S. EPA, its use in this report is as a reference only since this groundwater is not a source of drinking water. Please refer to Table 1 of the report for all the VOC results.

- No VOCs were detected above recommended Maximum Contaminant Level (MCL) in the following monitoring wells and stream locations:
  - **Pre-existing monitoring wells:** OB01, OB02, OB02A, OB04, OB4A, OB06, OB07, OB07A, OB102, OB105, OB15, and OB25.
  - **Monitoring wells installed in 2010:** MW1B, MW2A, MW2B, MW3A, MW3B, MW04, MW06, MW07, MW08, MW10, MW11A, MW11B, and MW12.
  - **Stream Locations:** No VOCs were detected above the recommended MCL in any of the monitored stream locations.
- A total of 39 VOCs exceeded the recommended MCL in the following monitoring wells:
  - **Pre-existing monitoring wells:** OB03 (4 exceedances), OB03A (3 exceedance), OB04A (1 exceedance), OB08 (1 exceedance), OB08A (1 exceedance), OB10 (2 exceedances), OB11 (6 exceedances), OB11A (4 exceedances), OB12 (4 exceedances), and OB25 (1 exceedance).
  - **Monitoring wells installed in 2010:** MW09 (1 exceedance), MW13A (5 exceedances), and MW13B (6 exceedances).

The following include a summary of these 39 VOC concentrations exceeding the recommended MCLs:

- 1,2-Dichloropropane concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB03A, OB11, OB12, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 5.44 ug/l in MW13B to 8.57 ug/l in OB03.
- cis-1-2-Dichloroethene concentration exceeded the MCL of 70 ug/l in observation wells OB03, OB11, OB11A, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 74 ug/l in OB11A to 90.5 ug/l in OB11.
- Dichloromethane concentration exceeded the MCL of 5 ug/l in observation wells OB11 and MW13B. Concentrations exceeding the MCL for this compound ranged from 5.53 ug/l in MW13B to 9.6 ug/l in OB11.
- Tetrachloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB11, OB11A, OB12, MW09, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 13.2 ug/l in OB11A to 27.1 ug/l in OB11.
- Trichloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB03A, OB10, OB11, OB11A, OB12, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 13.1 ug/l at OB10 to 45.4 ug/l at OB03.
- Vinyl Chloride concentration exceeded the MCL of 2 ug/l in observation wells OB03, OB03A, OB04A, OB08, OB08A, OB10, OB11, OB11A, OB12, OB25, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 2.35 ug/l in OB04A to 19.2 ug/l in OB10.

METALS AND OTHER PARAMETERS:

A summary of the metals and other parameters (non-organic contaminants) for this reporting period are listed below. Please refer to Table 3 of this report for additional information on metals and other water quality parameters results.

- A total of 15 metals and other non-organic contaminants exceeded the recommended MCL in the following monitoring locations:
  - **Pre-existing monitoring wells:** OB25 (6 exceedances), OB105 (2 exceedances), and OB11 (1 exceedance).
  - **Monitoring wells installed in 2010**: MW2A (1 exceedance), MW09 (3 exceedances), MW10 (1 exceedance), and MW13A (1 exceedance).
  - **Stream Locations**: ST065 (1 exceedance).
  -

The following include a summary of these 15 metal concentrations exceeding the recommended MCLs:

- Cadmium with a recommended MCL of 0.005 mg/l was exceeded in samples collected from OB25 with 0.115 mg/l and OB11 with 0.011 mg/l concentrations.
- Beryllium with a recommended MCL of 0.004 mg/l was exceeded in samples collected from MW09 with 0.0.005 mg/l concentrations.
- Chromium with a recommended MCL of 0.1 mg/l was exceeded in samples collected from OB25 with 0.305 mg/l and MW09 with 0.128 mg/l concentrations.
- Antimony with a recommended MCL of 0.006 mg/l was exceeded in samples collected from OB25 with 0.0212 concentration.
- Arsenic with a recommended MCL of 0.01 mg/l was exceeded in a sample collected from OB25 with 0.026 mg/l concentration.
- Mercury with a recommended MCL of 0.002 mg/l was exceeded in a sample collected from OB11 with 0.004 mg/l concentration.
- Lead with a recommended MCL of 0.015 mg/l was exceeded in a samples collected from observation well OB25 at 0.122 mg/l, OB105 at 0.028 mg/l, ST065 at 0.024 mg/l, MW09 at 0.065 mg/l, MW10 at 0.018 mg/l, MW2A at 0.022 mg/l, and MW13A at 0.021 mg/l concentrations. *(Note: The applied MCL for lead is different from other MCLs used in this report. The MCL for lead has been established for public drinking water systems and requires water samples to be collected from the tap. The regulations also require that no more than 10% of customer samples taken at the tap exceed the EPA Action Level of 0.015 mg/l. An action level exceedance is not a violation of water quality standards, but rather a trigger for further utility action. The MCL of 0.015 mg/l used in this report is only for comparative purposes.)*
- As part of a recent study (Nature and Extend Study) under the directive of MDE, the County collected filtered and unfiltered groundwater samples during this semi-annual monitoring event. The purpose of filtering samples was to evaluate turbidity and its potential interferences to metals analysis. For this sampling event significant reductions in the number of MCL exceedances was observed in the filtered samples. The number of MCL exceedances was reduced from 15 for unfiltered samples to only 1 in filtered samples. The only exceedance in filtered samples included Cadmium with a concentration of 0.0109 mg/l obtained from OB11. The recommended MCL for Cadmium is 0.005 mg/l. Please note that most of the MCL

exceedances for metals in unfiltered samples were only slightly above the recommended MCLs. Please refer to Table-A, Appendix D (Table of Metals) of this report for additional information on filtered and unfiltered sampling results for metals.

Overall, data collected during this reporting period represent typical seasonal fluctuations in water quality with respect to monitored parameters for this landfill. Based on the latest monitoring and sample analysis obtained during this reporting period, there are no indications of any unexpected or unusual results that would require special attention and therefore no further actions are recommended at this time. The County continues to closely monitor the presence of VOCs and other contaminants and will notify MDE prior to the next report in the event that any detection is found to be significantly different from previous levels.

Please contact Nasser Kamazani at (240) 777-7717 with any questions about this report.

Sincerely,

David Lake, Manager
Water and Wastewater Policy Group

cc: Fariba Kassiri, Acting Director,
Department of Environmental Protection

Dan Locke, Chief
Division of Solid Waste Services,
Department of Environmental Protection

WATER QUALITY MONITORING REPORT

for

GUDE LANDFILL

Montgomery County, Maryland

FALL 2014

Prepared by Montgomery County Department of Environmental Protection

Prepared for Maryland Department of Environment, Solid Waste Program

December 4, 2014

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Introduction:

The Gude Landfill is located on the north side of Gude Drive near Southlawn Lane, northeast of the City of Rockville in Montgomery County. The site encompasses approximately 160 acres, of which approximately 100 acres have been used for the disposal of municipal waste and incinerator residues. It operated from the early 1960s until June 1, 1982. The Gude Landfill was constructed prior to the promulgation of regulations for landfill lining and leachate collection systems.

Since 1984, to monitor the quality of ground and surface water, the Montgomery County Department of Environmental Protection (DEP) has been collecting 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, sixteen (16) additional monitoring wells have been installed at the site. The purpose of the Nature and Extent Study, directed by MDE and managed by Montgomery County, is to assess and investigate the nature and extent of environmental impacts in the vicinity of and potentially resulting from the Gude Landfill. Locations of these monitoring sites can be found on the attached aerial photo titled Groundwater and Surface Water Monitoring Locations in Appendix A. Sampling and analysis are conducted semi-annually and include laboratory analysis for Volatile Organic Compounds (VOCs), Heavy Metals, field parameters (temperature, pH, conductivity) and other water quality parameters and indicators.

This report is organized into four sections, which discuss the results and observations based on the landfill water quality monitoring program. The four sections include a discussion of:

- VOC sampling results;
- Metals sampling results;
- Groundwater elevation and flow;
- Trends Analysis/Conclusions

The appendices provide data tables for reference, as well as aerial photos and maps.

1. Volatile Organic Chemical Sampling Results:

The highlights of the results for this reporting period are listed below. Please note that MCL (Maximum Contaminant Level) is a drinking water standard adopted by the U.S. EPA, its use in this report is as a reference only since this groundwater is not a source of drinking water. Please refer to Table 1 of the report for all the VOC results.

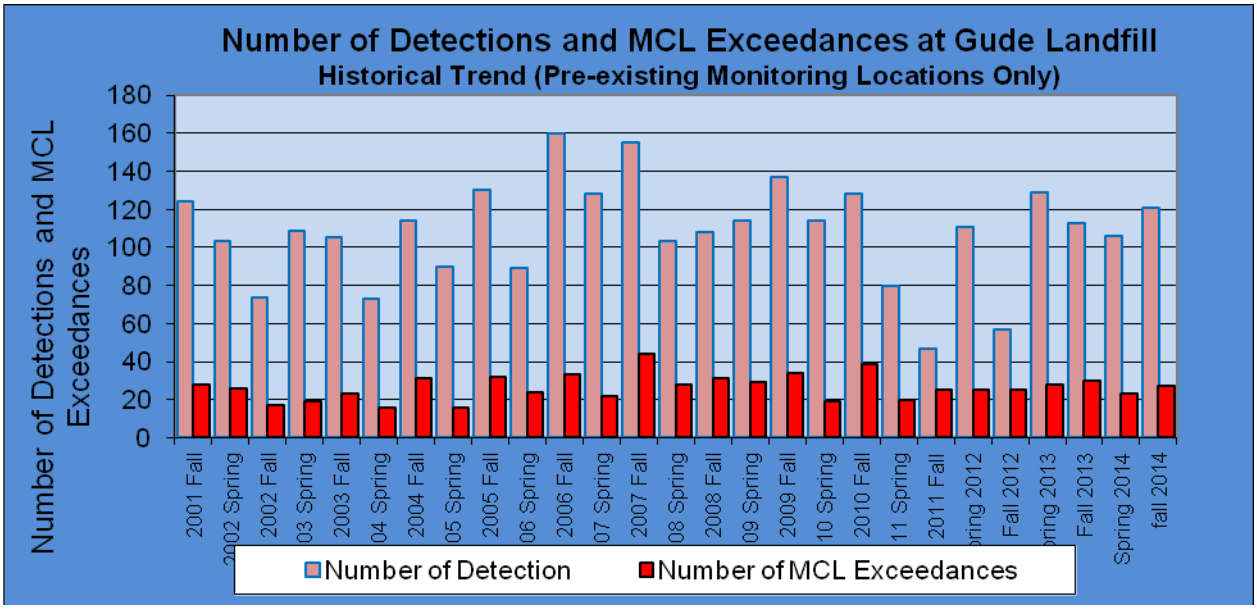
- No VOCs were detected above recommended Maximum Contaminant Level (MCL) in the following monitoring wells and stream locations:
  - **Pre-existing monitoring wells:** OB01, OB02, OB02A, OB04, OB4A, OB06, OB07, OB07A, OB102, OB105, OB15, and OB25.
  - **Monitoring wells installed in 2010:** MW1B, MW2A, MW2B, MW3A, MW3B, MW04, MW06, MW07, MW08, MW10, MW11A, MW11B, and MW12.
  - **Stream Locations:** No VOCs were detected above the recommended MCL in any of the monitored stream locations.
- A total of 39 VOCs exceeded the recommended MCL in the following monitoring wells:
  - **Pre-existing monitoring wells:** OB03 (4 exceedances), OB03A (3 exceedance), OB04A (1 exceedance), OB08 (1 exceedance), OB08A (1 exceedance), OB10 (2 exceedances), OB11 (6 exceedances), OB11A (4 exceedances), OB12 (4 exceedances), and OB25 (1

exceedance).

- **Monitoring wells installed in 2010:** MW09 (1 exceedance), MW13A (5 exceedances), and MW13B (6 exceedances).

The following include a summary of these 39 VOC concentrations exceeding the recommended MCLs:

- 1,2-Dichloropropane concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB03A, OB11, OB12, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 5.44 ug/l in MW13B to 8.57 ug/l in OB03.
- cis-1-2-Dichloroethene concentration exceeded the MCL of 70 ug/l in observation wells OB03, OB11, OB11A, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 74 ug/l in OB11A to 90.5 ug/l in OB11.
- Dichloromethane concentration exceeded the MCL of 5 ug/l in observation wells OB11 and MW13B. Concentrations exceeding the MCL for this compound ranged from 5.53 ug/l in MW13B to 9.6 ug/l in OB11.
- Tetrachloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB09, OB11, OB11A, OB12, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 13.2 ug/l in OB11A to 27.1 ug/l in OB11.
- Trichloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB03A, OB10, OB11, OB11A, OB12, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 13.1 ug/l at OB10 to 45.4 ug/l at OB03.
- Vinyl Chloride concentration exceeded the MCL of 2 ug/l in observation wells OB03, OB03A, OB04A, OB08, OB08A, OB10, OB11, OB11A, OB12, OB25, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 2.35 ug/l in OB04A to 19.2 ug/l in OB10.



Note: The above Graph does not include data collected from the monitoring wells installed in 2010.

2. Inorganic and Metals Sampling Results:

A summary of the metals and other parameters (non-organic contaminants) for this reporting period are listed below. Please refer to Table 3 of this report for additional information on metals and other water quality parameters results.

- A total of 15 metals and other non-organic contaminants exceeded the recommended MCL in the following monitoring locations:
  - **Pre-existing monitoring wells:** OB25 (6 exceedances), OB105 (2 exceedances), and OB11 (1 exceedance).
  - **Monitoring wells installed in 2010**: MW2A (1 exceedance), MW09 (3 exceedances), MW10 (1 exceedance), and MW13A (1 exceedance).
  - **Stream Locations**: ST065 (1 exceedance).
  -

The following include a summary of these 15 metal concentrations exceeding the recommended MCLs.

- Cadmium with a recommended MCL of 0.005 mg/l was exceeded in samples collected from OB25 with 0.115 mg/l and OB11 with 0.011 mg/l concentrations.
- Beryllium with a recommended MCL of 0.004 mg/l was exceeded in samples collected from MW09 with 0.0.005 mg/l concentrations.
- Chromium with a recommended MCL of 0.1 mg/l was exceeded in samples collected from OB25 with 0.305 mg/l and MW09 with 0.128 mg/l concentrations.
- Antimony with a recommended MCL of 0.006 mg/l was exceeded in samples collected from OB25 with 0.0212 concentration.
- Arsenic with a recommended MCL of 0.01 mg/l was exceeded in a sample collected from OB25 with 0.026 mg/l concentration.
- Mercury with a recommended MCL of 0.002 mg/l was exceeded in a sample collected from OB11 with 0.004 mg/l concentration.
- Lead with a recommended MCL of 0.015 mg/l was exceeded in a samples collected from observation well OB25 at 0.122 mg/l, OB105 at 0.028 mg/l, ST065 at 0.024 mg/l, MW09 at 0.065 mg/l, MW10 at 0.018 mg/l, MW2A at 0.022 mg/l, and MW13A at 0.021 mg/l concentrations. *(Note: The applied MCL for lead is different from other MCLs used in this report. The MCL for lead has been established for public drinking water systems and requires water samples to be collected from the tap. The regulations also require that no more than 10% of customer samples taken at the tap exceed the EPA Action Level of 0.015 mg/l. An action level exceedance is not a violation of water quality standards, but rather a trigger for further utility action. The MCL of 0.015 mg/l used in this report is only for comparative purposes.)*
- As part of a recent study (Nature and Extend Study) under the directive of MDE, the County collected filtered and unfiltered groundwater samples during this semi-annual monitoring event. The purpose of filtering samples was to evaluate turbidity and its potential interferences to metals analysis. For this sampling event Significant reductions in the number of MCL exceedances was observed in the filtered samples. The number of MCL exceedances was reduced from 15 for unfiltered samples to only 1 in filtered samples. The only exceedance in filtered samples included Cadmium with a concentration of 0.0109 mg/l obtained from OB11. The recommended MCL for Cadmium is 0.005 mg/l. Please note that most of the MCL

- exceedances for metals in unfiltered samples were only slightly above the recommended MCLs. Please refer to Table-A, Appendix D (Table of Metals) of this report for additional information on filtered and unfiltered sampling results for metals.

Overall, the results indicate comparable concentrations for metals and other water quality parameters from the last reporting period. Laboratory results for these metals are included in Appendix D, Tables 3 and 4 of this report.

3. Physical Water Quality Measurements:

Additional physical water quality parameter measurements and analysis were conducted during the latest monitoring period and the results are included in this report. These water quality parameters are based on the monitoring requirements specified in the approved G&SWM Plan and include the followings:

Alkalinity	Ammonia
Calcium	Chloride
Nitrate	pH
Potassium	Sodium
Specific Conductance.	Sulfate
TDS	Turbidity

Results for the above water quality parameters are included in Appendix D, Tables 3 and 4 of this report.

4. Groundwater Elevations and Flow:

The groundwater elevation measurements of all the monitoring wells for the past monitoring events are included in Table-5 of this report. The results obtained from all the pre-existing and monitoring wells installed in 2010 indicate that the overall average groundwater elevation at Gude Landfill has remained the same from April 2014 to October 2014. Based on the groundwater elevation measurements collected from all (36) monitoring wells around the perimeter of the landfill, it appears that the groundwater flow at Gude Landfill is consistent with the topography of the Landfill itself. The groundwater appears to be flowing outward from the center toward the edges of the landfill. These outward flow directions seem to be more distinct on the southern and eastern portion of the landfill with minor flow components to the north and northeast. In general, the groundwater flow appears to basically follow the direction of surface water around the Gude Landfill.

5. Conclusions/Trend Analysis:

Results obtained from the latest monitoring activities (Spring 2014) are similar and comparable to those collected from prior monitoring results for the past several years. Major findings indicate that:

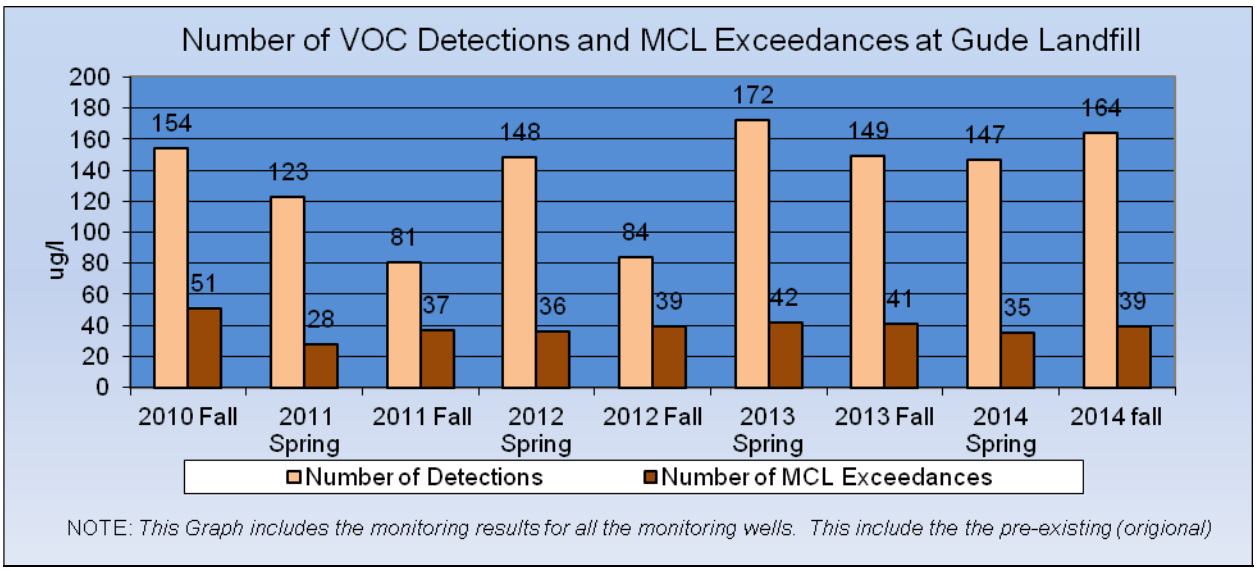
I. There are indications of some low level groundwater and surface water contamination in the vicinity of Gude Landfill including multiple MCL exceedances.

II. Detected contaminants at Gude Landfill mainly involve chlorinated solvent degradation products including 1,1-Dichloroethane, 1,2-Dichloropropane, cis-1,2-Dichloroethene, Tetrachloroethene, Trichloroethene, and Vinyl Chloride.

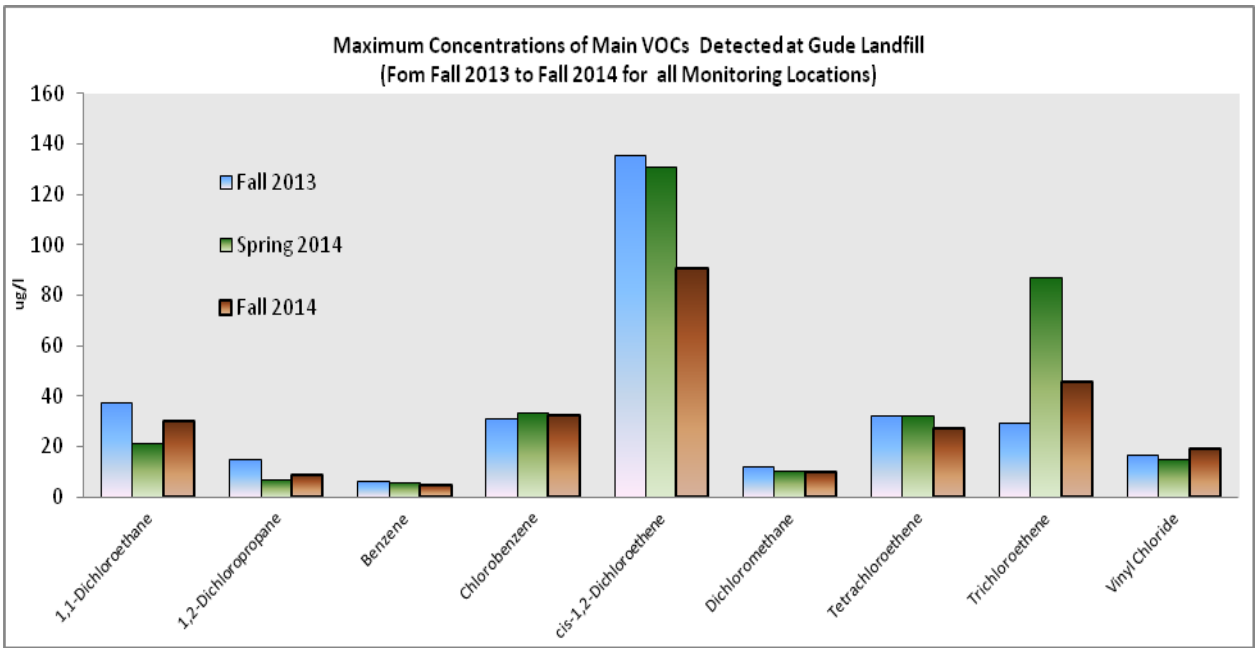
III. Historically most of the contaminants and MCL exceedances have been detected at OB11/OB11A located on the south side (front side) of the landfill and observation wells OB03/OB03A and MW13A/MW13B on the north side (back side) of the landfill.

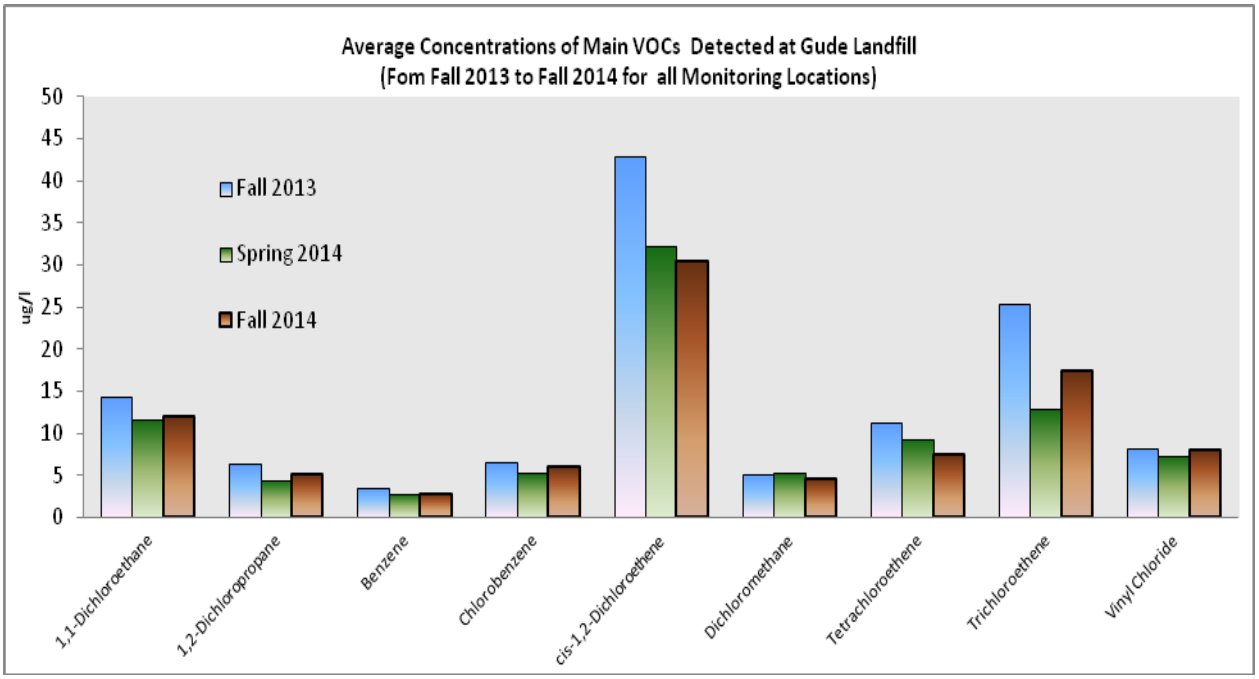
To provide an overall perspective on the quality of groundwater and surface water around the Gude Landfill, a summary of statistical trend analyses and observations are provided below and are included in Appendix C of this report. Please refer to the attached tables and diagrams for additional information.

- Groundwater flow around the landfill appears to follow the general topography of the area where the landfill is located and it follows the general surface water flow direction. The overall surface water flow in the area is towards the east and south away from the landfill.
- Most of the detected groundwater contaminants at Gude Landfill are Volatile Organic Compounds (VOCs). These low levels of VOCs detected in groundwater are generally not transported to surface waters.
- The overall number of detections per year has remained relatively constant over the past 10 year time period.
- While some detected VOC concentrations (1,2-Dichloropropane in OB03) appear to be trending upwards, the concentration for other VOC (Tetrachloroethene in OB03) seem to be decreasing over the same period suggesting an ongoing VOC degradation process. Contaminants at Gude Landfill mainly involve chlorinated solvent degradation products including 1,1-Dichloroethane, 1,2-Dichloropropane, cis-1,2-Dichloroethene, Tetrachloroethene, Trichloroethene, and Vinyl Chloride.
- Since April 2001, most of all detections exceeding MCL have occurred in observation wells located on the northern and southern part of the landfill which includes OB11/OB11A located on the south side (front side) of the landfill and observation wells OB03/OB03A and MW13A/MW13B on the north side (back side) of the landfill.



NOTE: *This Graph includes the monitoring results for all the monitoring wells. This include the the pre-existing (origional)*


Maximum Concentrations of Main VOCs Detected at Gude Landfill
(Fom Fall 2013 to Fall 2014 for all Monitoring Locations)
ug/l
160
140
120
100
80
60
40
20
0
Fall 2013
Spring 2014
Fall 2014
1,1-Dichloroethane
1,2-Dichloropropane
Benzene
Chlorobenzene
cis-1,2-Dichloroethene
Dichloromethane
Tetrachloroethene
Trichloroethene
Vinyl Chloride

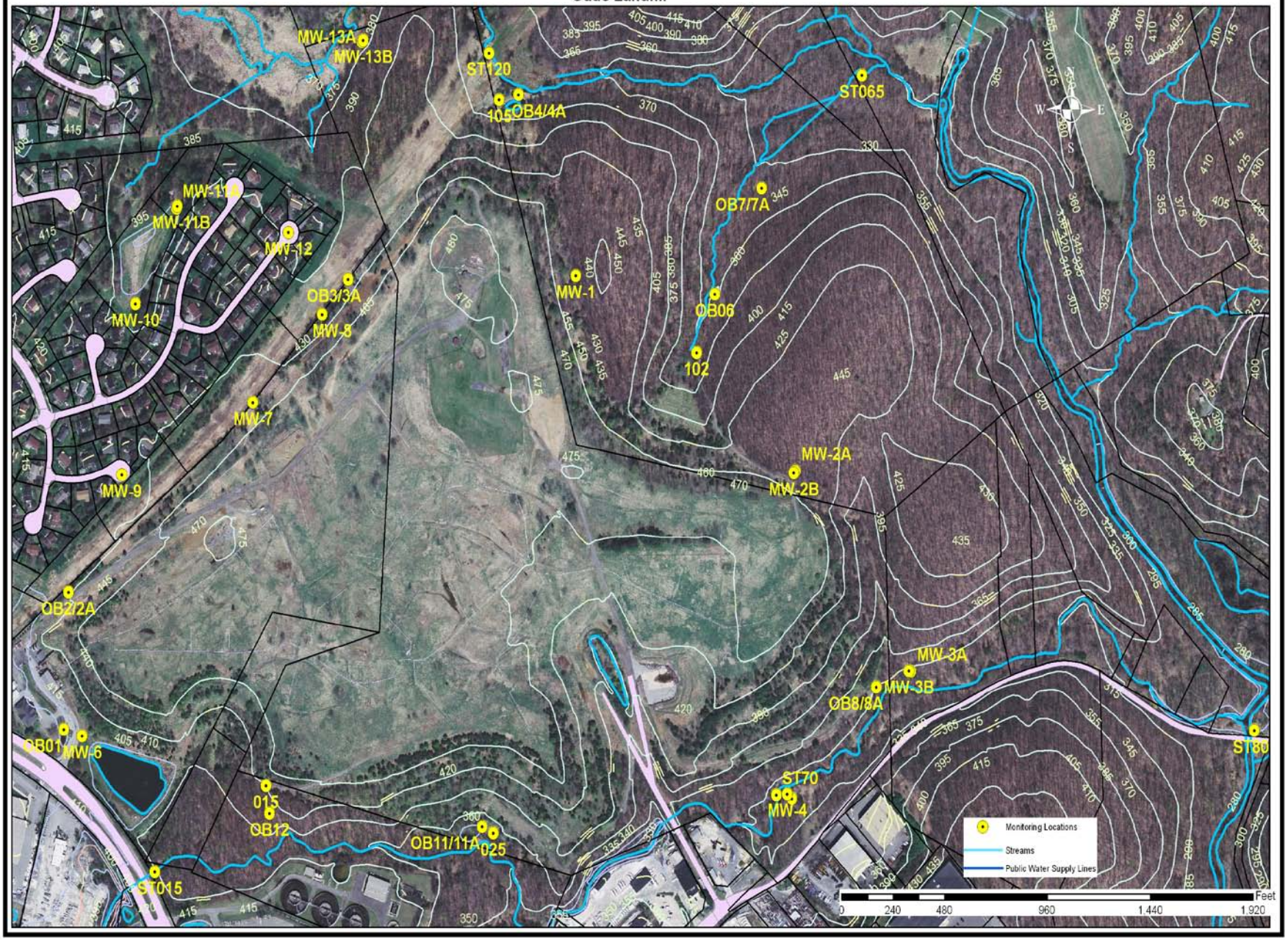

Average Concentrations of Main VOCs Detected at Gude Landfill
(From Fall 2013 to Fall 2014 for all Monitoring Locations)
ug/l
50
45
40
35
30
25
20
15
10
5
0
Fall 2013
Spring 2014
Fall 2014
1,1-Dichloroethane
1,2-Dichloropropane
Benzene
Chlorobenzene
cis-1,2-Dichloroethene
Dichloromethane
Tetrachloroethene
Trichloroethene
Vinyl Chloride

Appendix A

Gude Landfill Aerial Photo and Sample Locations

Groundwater and Surface Water Monitoring Locations

Gude Landfill



Appendix B

Tables of Volatile Organic Compounds

Results in (µg/l)

TABAL 1 - Volatile Organic Compounds

	Parameter	OB01	OB02	OB02A	OB03	OB03A	OB04	OB04A	OB06	OB07
FALL 2014	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	29.8	21.2	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	1.29	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	3.74	2.66	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	**8.57**	**6.24**	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	12.2	9.01	5.31	6.83	1.26	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	4.18	3.33	1.73	1.7	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	1.79	2.1	1.39	1.37	1.05	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	2.39	ND	ND	**86**	56.2	12.4	15.6	1.28	1.67
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	1.66	2.8	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	3.19	1.18	1.39	1.14	ND	1.2
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	6.61	4.06	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	**45.4**	**27.2**	1.35	1.27	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	**18.2**	**11.7**	1.49	**2.35**	ND	ND
	Xylenes (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected,
Note: MCL exceedances are indicted in Red

TABAL 1 - Volatile Organic Compounds

	Parameter	OB07A	OB08	OB08A	OB10	OB102	OB105	OB11	OB11A	OB12
FALL 2014	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	1.49	ND	3.73	ND	ND	19.4	15.3	21
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	3	2.21	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	3.78	2.41	1.55
	1,2-Dichloropropane	ND	1.6	1.8	3.25	ND	ND	**6.11**	4.39	**8.23**
	1,4-Dichlorobenzene	ND	3.52	4.48	8.74	1.55	4.22	17.5	16.3	8.46
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	1.07	2.26	ND	ND	4.88	3.07	3.95
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	6.88	7.75	2.77	2.22	ND	32.2	23	2.82
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	1.55	20.8	12.1	36.7	ND	11.6	**90.5**	**74**	31.3
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	**9.6**	ND	4.44
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.4	ND	ND	1.88	ND	ND	**27.1**	**13.2**	**18.5**
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	1.2	ND	3.11	ND	ND	4	3.14	2.91
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	**13.1**	ND	1.46	**27.6**	**22**	**18.3**
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	2.09	ND	2.21
	Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	**3.83**	**4.99**	**19.2**	ND	ND	**15.7**	**15**	**5.66**
	Xylenes (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected,
Note: MCL exceedances are indicted in Red

TABAL 1 - Volatile Organic Compounds

	Parameter	OB15	OB25	ST015	ST120	ST65	ST70	ST80	MW1B	MW2A
FALL 2014	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	1.59	1.04	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	3.36	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	3.13	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	7.38	ND	1.33	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	2.02
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	**2.21**	ND	ND	ND	ND	ND	ND	ND
	Xylenes (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected,
Note: MCL exceedances are indicted in Red

TABAL 1 - Volatile Organic Compounds

	Parameter	MW2B	MW3A	MW3B	MW04	MW06	MW07	MW08	MW09	MW10
FALL 2014	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	1.68	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	4.42	10.6	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	1.1	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	6.19	3.35	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	2.19	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	11.4	5.18	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	2.32	ND	ND	ND	ND	1.97	ND	**16.9**	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	1.78	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	1.62	1.09	ND	ND	ND
	Xylenes (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected,
Note: MCL exceedances are indicted in Red

TABAL 1 - Volatile Organic Compounds

	Parameter	MW11A	MW11B	MW12	MW13A	MW13B
FALL 2014	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	13.7	14
	1,1-Dichloroethene	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	2.64
	1,2-Dichloropropane	ND	ND	ND	**6.22**	**5.44**
	1,4-Dichlorobenzene	1.01	ND	ND	5.2	8.49
	2-Butanone	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	2.28	3.28
	Bromochloromethane	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	1.66	1.67
	Chloroethane	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND
	Chloromethane	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	**81.6**	**79.5**
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	3.59	**5.53**
	Ethylbenzene	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND
	Tetrachloroethene	1.36	3.83	ND	**18**	**16.8**
	Toluene	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	3.14	3.6
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	**28.9**	**20.2**
	Trichlorofluoromethane	ND	ND	ND	ND	1.09
	Vinyl Acetate	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	**6.74**	**10.8**
	Xylenes (Total)	NT	NT	NT	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected,
Note: MCL exceedances are indicted in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB01	1,1,1,2-Tetrachloroethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	2.31	1.48	1.09	NS	1.02	1.85	0.75	1.33	ND	ND	ND	ND	1.09	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	NS	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	NS	ND	NT	1	1.48	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane	ND	ND	ND	NS	ND	ND	0.46	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	1.04	ND	ND	NS	ND	ND	0.59	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	1.51	1.78	ND	NS	ND	1.94	2.81	3.19	ND	ND	1.9	ND	1.64	ND	ND	ND
	2-Butanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	NS	ND	ND	0.39	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	1.21	ND	NS	ND	1.03	1.57	1.43	ND	ND	1.3	ND	1.1	ND	ND	ND
	Chloroethane	ND	ND	ND	NS	ND	ND	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	NS	ND	ND	0.92	0.74	ND	ND	ND	ND	1.38	ND	ND	ND
	Chloromethane	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	22.85	25.5	14.78	NS	ND	11.8	ND	7.71	6.6	ND	6.2	ND	6.68	1.9	2.81	2.39
	cis-1,3-Dichloropropene	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	NS	ND	ND	0.36	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	5.12	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	NS	ND	ND	ND	0.77	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	NS	ND	ND	0.34	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	NS	1.2	ND	0.51	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	1.42	ND	NS	ND	ND	0.67	0.70	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	1.52	1.44	ND	NS	ND	ND	0.85	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	1.42	**4.75**	1.31	NS	ND	ND	**2.77**	**5.09**	ND	ND	1.2	ND	1.3	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall

Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB02	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	0.48	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	ND	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	1.14	1.19	1.96	1.38	1.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB02A	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	0.33	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	ND	1.5	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	5.96	ND	6.87	9.19	ND	0.65	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	1.57	ND	1.39	1.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	NT	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB03	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	34.7	44.7	47.23	36.07	48.38	45	13.2	36.40	23	ND	23	34.4	34.3	37.8	18	29.8
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	0.71	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	**1.07**	ND	ND	ND	ND	ND	1.52	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	1.51	2.83	1.82	1.34	ND	NT	0.83	1.92	ND	ND	1.2	ND	1.47	1.57	NT	1.29
	1,2-Dichloroethane	2.95	**5.32**	4.98	4.09	4.81	ND	1.24	3.84	ND	**6**	ND	ND	3.68	2.61	1.87	3.74
	1,2-Dichloropropane	**9.67**	**15.23**	**14.47**	**12.33**	**16.14**	**15.8**	3.6	**10.10**	4.1	**11**	**6.8**	**12.8**	**10.5**	**15.3**	**5.49**	**8.57**
	1,4-Dichlorobenzene	13.83	16.69	7.97	ND	ND	13.6	11.7	11.30	ND	ND	9.7	16.6	12.4	18.2	8.08	12.2
	2-Butanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	ND	0.12	ND	8.1	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	3.99	**6.12**	4.62	3.2	**5.53**	4.56	1.83	4.24	ND	**5.5**	1.9	ND	3.44	**5.38**	1.32	4.18
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	ND	ND	ND	3.9	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	5.59	3.89	2.32	2.04	2.76	2.98	7.22	2.26	5.7	2.4	3.1	ND	2.04	2.43	1.8	1.79
	Chloroethane	1.59	ND	1.23	1.19	1.61	1.55	0.79	1.51	ND	ND	ND	ND	1.2	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	ND	5.3	1.7	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	**87.59**	**148.91**	**161.47**	**120.9**	**164.77**	**156**	31.7	**117.00**	38	ND	**71**	**94.9**	**97.1**	**126**	54.7	**86**
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	5.57	ND	2.05	ND	1.71	2.6	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	1.33	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	**27.73**	ND	ND	4.49	ND	ND	**11.00**	ND	**6.2**	ND	ND	2.39	ND	ND	3.19
	Toluene	ND	ND	2.46	ND	ND	1.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	7	12.95	8.87	12.43	11.02	9.59	3.11	7.01	6.3	14	4.8	7.24	6.92	3.98	3.72	6.61
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**76.03**	**108.24**	**132.6**	**107.44**	**130.79**	**131**	**17.4**	**81.60**	**21**	**82**	**47**	**75.6**	**57.9**	**87.4**	**24.2**	**45.4**
	Trichlorofluoromethane	ND	ND	ND	ND	ND	4.88	ND	ND	ND	8.3	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**19.65**	**31.39**	**23.16**	**17.61**	**29.48**	**30.5**	**7.84**	**28.00**	**11**	**41**	**14**	**17.5**	**17.4**	**16.8**	**8.89**	**18.2**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB03A	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	15.56	44.14	50.9	41.01	46.99	25.3	3.23	32.40	ND	ND	11	30.5	12.5	32.5	7.46	21.2
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	0.57	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	1.23	2.07	2	1.65	ND	NT	0.42	0.81	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane	1.33	**5.52**	**5.07**	4.4	4.1	ND	ND	3.30	ND	3.7	ND	ND	1.47	2.76	ND	2.66
	1,2-Dichloropropane	4.05	**14.78**	**14.83**	**13.07**	**13.54**	**9.1**	0.92	**10.80**	ND	**8.1**	2.9	**10.5**	3.67	**12.8**	2.25	**6.24**
	1,4-Dichlorobenzene	16.31	14.76	7.67	ND	ND	12.6	5.92	9.28	ND	ND	6.3	14.1	5.64	16	3.82	9.01
	2-Butanone	ND	ND	NT	NT	NT	ND	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	ND	0.13	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	3.8	**6.23**	4.47	**5.44**	4.08	4.19	1.2	4.06	ND	4.7	1.3	ND	1.51	4.53	ND	3.33
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	13.9	2.8	1.98	2.87	3.73	5.52	5.21	2.78	ND	3.3	3.4	ND	2.46	2.78	1.83	2.1
	Chloroethane	1.42	1.63	1.43	1.38	1.69	1.21	0.33	1.31	ND	ND	ND	ND	ND	1.43	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	1.54	ND	1.5	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	29.76	**150.17**	**168.82**	**141.19**	**137.52**	**84.9**	6.23	**98.10**	11	ND	33	**94.6**	34.1	**94.8**	22.9	56.2
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	ND	ND	1.39	1.15	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	**33.23**	1.66	**26.21**	3.67	**7.11**	ND	**17.80**	ND	ND	ND	ND	ND	ND	ND	1.18
	Toluene	ND	ND	1.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	3.72	10.82	9.93	11.68	9.08	6.06	1.01	5.93	ND	9	2.3	6.13	2.69	5.83	1.46	4.06
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**20.26**	**97.78**	**141.41**	**101.3**	**113.09**	**66.7**	2.71	**19.30**	ND	**56**	**18**	**64.8**	**18**	**64**	4.7	**27.2**
	Trichlorofluoromethane	ND	ND	ND	ND	ND	3.08	ND	2.47	ND	6.5	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	0.01	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**5.96**	**30.58**	**23.11**	**22.43**	**27.36**	**22.9**	1.99	**23.50**	ND	**31**	ND	**15.8**	**7.33**	**12.5**	**4.26**	**11.7**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB04	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	0.35	ND	22	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	0.45	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	NT	0.46	ND	ND	ND	ND	ND	1.01	ND	NT	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	0.52	ND	ND	ND	ND	ND	1.15	ND	ND	ND
	1,4-Dichlorobenzene	5.53	6.19	ND	ND	ND	6.06	5.92	2.91	ND	ND	5.9	5.7	14.7	5.2	5.82	5.31
	2-Butanone	ND	ND	NT	NT	NT	ND	0.41	0.65	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	ND	0.49	11.90	6.6	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	1.7	1.85	ND	1.21	1.68	1.62	1.6	2.04	2.2	ND	1.6	ND	3.73	1.54	1.61	1.73
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	1.05	1.19	ND	ND	ND	1.09	1.18	0.90	ND	ND	1.4	ND	2.85	ND	1.38	1.39
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	ND	7.5	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	18.76	20.95	6.45	15.43	18.92	17	16.8	8.32	67	ND	14	12.4	27.7	ND	12.4	12.4
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	1.6	1.42	ND	ND	1.42	1.93	1.72	1.03	**7.7**	ND	ND	ND	3.48	1.73	1.65	1.66
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.93	2.07	ND	1.34	1.99	1.25	1.69	0.70	**13**	ND	2	ND	3.93	1.24	1.63	1.39
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	0.45	ND	5.4	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	1.82	2.12	ND	1.4	1.82	1.66	1.51	1.08	**17**	ND	1.6	ND	3.42	1.76	1.38	1.35
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	3.8	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	1.23	1.7	ND	ND	1.47	1.53	1.26	**2.16**	ND	ND	ND	ND	**3.03**	1.71	1.4	1.49
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB04A	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	NT	0.47	ND	ND	ND	ND	ND	1.06	ND	NT	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	0.57	0.51	ND	ND	ND	ND	1.33	ND	ND	ND
	1,4-Dichlorobenzene	6.87	7.42	ND	4.46	ND	7.33	6.97	4.66	ND	ND	7.6	6.94	15.9	6.23	7.07	6.83
	2-Butanone	ND	ND	NT	NT	NT	ND	ND	0.78	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	ND	ND	18.60	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	1.72	1.83	1.4	1.32	1.65	1.68	1.65	2.45	ND	2.1	1.6	ND	3.5	1.94	1.57	1.7
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	1.02	1.17	ND	ND	1.07	1.14	1.14	0.87	ND	ND	1.3	ND	2.56	ND	1.25	1.37
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	24.08	26.31	23.78	20.7	24.4	21.8	21.7	8.54	ND	ND	20	16.4	36.8	19.4	16	15.6
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	2.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	3.31	2.67	2.45	ND	2.98	3.38	3.18	3.39	ND	4.4	ND	ND	**6.57**	ND	2.88	2.8
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.77	1.65	1.42	1.34	1.7	1.23	1.52	0.60	ND	1.3	1.9	ND	3.36	ND	1.35	1.14
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	0.55	ND	ND	2.2	ND	ND	1.22	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	1.93	2.08	1.96	1.45	1.87	1.83	1.71	1.07	ND	1.3	1.9	ND	3.39	ND	1.47	1.27
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	1.06	**2.02**	1.37	1.39	1.65	**2.12**	1.83	**2.78**	ND	ND	ND	ND	**4.37**	**2.26**	1.78	**2.35**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB06	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	1.44	1.03	ND	ND	1.43	ND	0.93	ND	ND	7	ND	1.66	1.21	1.42	1.26
	2-Butanone	NT	ND	NT	NT	NT	ND	0.57	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	NT	ND	NT	NT	NT	ND	0.14	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	0.66	0.56	ND	ND	ND	ND	1.4	1.21	1.41	1.05
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	0.91	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	NT	2.92	2.31	2.39	2.55	2.12	1.82	1.64	ND	ND	1.6	ND	1.65	ND	1.39	1.28
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.15	ND	ND	1.01	ND	ND	0.68	ND	ND	ND	ND	ND	1.16	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	0.36	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB07	1,1,1,2-Tetrachloroethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	NS	ND	ND	ND	ND	ND	**19**	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	NS	ND	ND	0.54	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	NS	ND	NT	0.47	ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	NS	ND	ND	ND	ND	ND	**5.3**	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	NS	ND	ND	0.58	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	NS	ND	ND	ND	ND	ND	**7.9**	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	NS	ND	ND	ND	1.38	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	NS	1.45	1.63	1.3	1.48	ND	ND	1.7	ND	1.7	1.66	1.7	1.67
	cis-1,3-Dichloropropene	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	NS	1.3	ND	1.23	1.61	ND	**23**	ND	ND	1.52	ND	1.19	1.2
	Toluene	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	NS	ND	ND	0.49	0.72	ND	**23**	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB07A	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	0.23	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	1.20	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	2.02	2.02	2.09	1.85	3.51	3	1.66	1.80	ND	ND	ND	ND	2.18	1.58	2.17	1.55
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**5.8**	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.59	1.46	1.91	2.12	2.66	1.81	1.94	1.82	2	**23**	2	ND	2.06	1.99	1.83	1.4
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND		NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	0.64	0.88	ND	**21**	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB08	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	1.23	ND	ND	ND	ND	1.2	0.46	0.87	ND	ND	ND	ND	ND	1.38	ND	1.49
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	0.54	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	NT	0.59	ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	0.36	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	1.59	1.67	ND	ND	1.24	1.16	1.19	0.78	1.2	ND	1.6	ND	ND	1.54	1.65	1.6
	1,4-Dichlorobenzene	3.35	3.16	ND	ND	ND	2.15	2.92	1.84	ND	ND	4	ND	1.01	1.59	3.66	3.52
	2-Butanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	2.7	0.21	0.50	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	0.63	0.66	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	4.14	4.04	ND	ND	22.02	1.95	3.13	3.31	6.1	ND	5.7	4.41	1.52	4.26	4.87	6.88
	Chloroethane	ND	ND	ND	ND	ND	ND	0.41	0.55	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	ND	2.6	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	8.88	11.07	3.92	3.1	10.93	10.4	10.3	8.39	8.9	ND	17	14.6	8.33	18.4	15.9	20.8
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	0.38	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	ND	ND	ND	0.44	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	1.11	1.26	ND	ND	ND	ND	0.87	0.66	ND	ND	ND	ND	ND	ND	ND	1.2
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	0.42	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	0.02	ND	3.2	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**2.47**	**2.98**	ND	ND	**2.04**	**2.35**	**2.91**	**3.18**	ND	ND	**4**	**3.68**	1.78	**4.41**	**3.53**	**3.83**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB08A	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	1.43	1.05	ND	ND	ND	1.47	0.44	0.97	ND	ND	ND	ND	ND	1.54	1.15	ND
	1,1-Dichloroethene	ND	ND	ND	ND	1.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	NT	0.32	ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	0.38	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	2.17	2.33	1.22	ND	2.11	2.02	1.47	1.10	ND	ND	2	ND	1.08	3.09	2.11	1.8
	1,4-Dichlorobenzene	4.47	4.75	ND	ND	ND	3.97	3.34	2.83	ND	ND	4.7	4.19	1.14	1.91	4.78	4.48
	2-Butanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	1.23	1.26	ND	ND	1.09	1.03	0.89	0.99	ND	ND	1.1	ND	ND	ND	ND	1.07
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	4.84	4.64	2.27	ND	3.43	3.38	3.93	4.22	7.3	ND	6.6	5.04	1.54	5.3	5.81	7.75
	Chloroethane	ND	ND	ND	ND	ND	ND	0.47	0.62	1	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	0.89	4	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	14.02	21.08	10.07	8.42	22.57	21.2	13.4	14.10	12	ND	21	19.6	9.61	26.2	20.7	12.1
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	ND	ND	ND	0.42	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	1.45	1.89	ND	ND	1.48	1.37	0.99	0.89	ND	ND	ND	ND	ND	1.98	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	1.51	2.3	ND	ND	1.52	1.29	0.64	0.51	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	0.01	ND	4	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**3.44**	**4.8**	1.6	ND	**5.16**	**6.5**	**4.11**	**4.76**	ND	ND	**5.4**	**4.99**	**2.31**	**6.38**	**4.86**	**4.99**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB10	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	2.2	4.99	1.04	1.51	ND	3.49	ND	5.60	ND	ND	ND	4.06	7.23	4.91	3.33	3.73
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	1.19	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	1.02	ND	NT	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	0.64	ND	ND	ND	ND	1.43	ND	ND	ND
	1,2-Dichloropropane	1.48	4.46	1.55	1.84	ND	2.53	1.26	2.65	ND	ND	2.8	ND	**5.86**	2.36	2.69	3.25
	1,4-Dichlorobenzene	1.02	6.22	ND	ND	ND	4.84	2.1	5.54	ND	ND	5	7.09	12.9	9.31	7.07	8.74
	2-Butanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	1.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	2.86	ND	1.1	ND	1.72	0.82	2.04	ND	2.4	1.6	ND	3.49	2.16	1.76	2.26
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	1.03	NT	NT	NT	ND	ND	ND	2.3	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	1.01	ND	ND	ND	ND	0.32	0.98	ND	ND	1.2	ND	3.16	1.2	2	2.77
	Chloroethane	ND	ND	ND	ND	ND	ND	0.24	0.68	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	ND	6.2	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	13.7	34.09	20.83	9.73	ND	17.9	11.5	24.00	9.6	ND	24	25.6	51.2	33.9	29	36.7
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	2.47	ND	ND	ND	ND	1.03	2.86	1.95	ND	2.3	1.8	ND	3.43	ND	1.75	1.88
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	5.04	1.12	1.49	ND	2.39	1.18	3.94	ND	3.9	ND	ND	5.16	2.22	2.61	3.11
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**10.6**	**28.64**	1.31	3.73	ND	**13.3**	**5.27**	**13.40**	ND	**11**	**12**	**14.4**	**25.4**	**17.9**	**12.6**	**13.1**
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**2.43**	**16.03**	**2.15**	**12.62**	ND	**6.07**	**2.39**	**11.70**	ND	**17**	**9**	**12.5**	**26.6**	**14.4**	**15.2**	**19.2**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB102	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	2.03	ND	1.81	1.43	ND	ND	1.6	1.12	ND	ND	1.4	ND	ND	1.14	1.27	1.55
	2-Butanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	ND	ND	0.53	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	1.74	2.43	1.65	1.41	3.43	2.27	1.7	1.51	ND	ND	2.6	ND	ND	2.14	2.14	2.22
	Chloroethane	ND	ND	ND	ND	ND	ND	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	2.14	2.5	1.75	1.46	1.54	1.38	1.13	0.65	ND	ND	ND	ND	ND	1.26	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	ND	ND	ND	0.47	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB105	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	0.55	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	2.23	ND	1.46	ND	3.38	0.72	3.32	ND	ND	3.9	4.51	7.03	ND	3.66	4.22
	2-Butanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	0.23	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	1.27	ND	31.10	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	0.90	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	0.55	ND	ND	ND	ND	1.24	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	0.89	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	8.03	ND	7.14	ND	11.1	0.97	ND	ND	ND	14	15	24.6	ND	11.4	11.6
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	0.77	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	1.25	ND	1.38	ND	2.1	1.4	ND	2.96	ND	1.47	1.46
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	**2.04**	ND	ND	ND	1.51	ND	**3.03**	ND	ND	ND	ND	1.66	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB11	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	1.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	29.18	29.33	11.14	23	31.01	33.4	20.4	15.10	ND	ND	21	22.4	22.1	21.2	21.6	19.4
	1,1-Dichloroethene	ND	ND	ND	ND	0.89	1.03	0.45	0.93	**25**	**30**	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	2.38	2.42	1.03	1.55	ND	NT	1.75	1.51	3.9	ND	3	ND	2.69	1.41	NT	3
	1,2-Dichloroethane	ND	**5.36**	3.16	3.68	4.66	4.72	ND	3.94	2.8	ND	ND	ND	3.66	3.57	3.64	3.78
	1,2-Dichloropropane	**7.99**	**8.27**	4.67	**6.31**	**8.28**	**8.15**	4.9	**6.10**	**5.1**	**7.2**	**6.3**	ND	**6.13**	**6.5**	**6.26**	**6.11**
	1,4-Dichlorobenzene	12.63	13.36	2.46	6.43	ND	14.6	9.13	9.85	ND	ND	17	14.8	14.9	13.7	16.9	17.5
	2-Butanone	ND	ND	NT	NT	NT	ND	ND	0.95	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	ND	ND	24.60	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	**9.69**	**10.69**	2.04	**6.16**	**9.56**	**9.37**	4.32	**8.29**	**5.2**	**12**	**6.9**	ND	**6.02**	**6.17**	**5.72**	4.88
	Bromochloromethane	2.25	1.22	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	56.32	61.28	11.69	35.91	52.75	50	28.3	34.30	52	ND	41	34.5	34.6	31	33.4	32.2
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	0.57	ND	17	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	ND	2.3	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	**164.85**	**176.66**	**92.93**	**137.27**	**190.55**	**184**	**123**	**73.60**	ND	ND	**160**	**94.8**	64.16	**135.88**	**131**	**90.5**
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	**42.01**	**35.48**	**9.24**	**19.47**	**28.72**	**30.6**	7.21	**24.20**	**16**	**18**	**12**	**13**	**12.3**	**12**	**10.6**	**9.6**
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	2.2	ND	6.41	2.67	ND	1.65	5.6	ND	2.6	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	**62**	**60.22**	**32.4**	**52.48**	**67.92**	**43.9**	**35.6**	**19.60**	**26**	**44**	**47**	**40.1**	**36.9**	**32.2**	**32.3**	**27.1**
	Toluene	ND	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	5.6	8.31	2.88	8.83	7.15	6.37	3.19	2.78	4.9	3.3	4.6	ND	4.31	4.94	4.41	4
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**52.41**	**59.1**	**28.56**	**42.66**	**53.74**	**51.5**	**31.2**	**33.90**	**28**	**37**	**39**	**34.2**	**32.6**	**34.6**	**29.6**	**27.6**
	Trichlorofluoromethane	4.25	5.59	1.93	2.85	4.58	3.98	1.61	3.78	6.8	ND	3.3	ND	2.47	2.04	2.33	2.09
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**12.02**	**16.89**	**4.49**	**8.73**	**15.64**	**20.3**	**7.43**	**20.90**	**14**	ND	**13**	**14.1**	**13.9**	**14**	**14.6**	**15.7**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB11A	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	14.01	28.55	28.9	24.24	23.08	27.8	16.8	16.40	ND	ND	15	15.8	15.2	16.4	13.1	15.3
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	1.07	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	**1.8**	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	1.29	1.88	2.45	2.05	ND	NT	1.67	1.10	2.8	ND	2.1	ND	1.87	2.05	NT	2.21
	1,2-Dichloroethane	ND	**5.76**	**5.34**	4.48	3.6	ND	2.7	1.88	ND	ND	ND	ND	2.48	3.56	2.09	2.41
	1,2-Dichloropropane	3.93	**8.63**	**7.85**	**7.26**	**6.44**	**7.2**	4.18	4.06	3.7	ND	4.6	ND	4.08	3.75	3.9	4.39
	1,4-Dichlorobenzene	8.58	15.32	11.24	12.3	ND	15.2	13.4	9.32	ND	ND	15	13.7	13.8	15	13.5	16.3
	2-Butanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	ND	0.12	22.80	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	4.87	**9.72**	**7.37**	**7.13**	**6.67**	**7.51**	4.19	3.59	3.5	ND	4.3	ND	3.73	4.13	2.94	3.07
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	23.03	52.49	42.48	39.6	33.51	36.9	21.3	20.60	29	ND	24	22.3	20.5	21.1	17.6	23
	Chloroethane	ND	ND	ND	ND	ND	ND	0.39	0.89	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	**86.72**	**189.64**	**189.43**	**173.52**	**148.44**	**168**	**113**	**81.60**	**76**	ND	**100**	**89**	**78.6**	**96.5**	68.5	**74**
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	2.74	**9.3**	**5.59**	1.73	2.72	1.77	2.4	**5.45**	1.8	ND	**5.9**	ND	ND	1.11	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	4.33	ND	5.76	2.49	ND	2.00	3.8	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	**23.91**	**51.32**	**54.18**	**53.26**	**44.75**	**33.8**	**26.3**	**10.70**	**14**	ND	**27**	**22.8**	**19.1**	**19.7**	**12.8**	**13.2**
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	2.74	8.79	9.82	10.82	5.07	5.45	3.07	3.18	ND	ND	3.1	ND	3.02	3.91	2.68	3.14
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**24.25**	**53.8**	**50.9**	**45.34**	**39.05**	**42.4**	**26.1**	**21.60**	**17**	ND	**28**	**24.7**	**24**	**28.8**	**20.1**	**22**
	Trichlorofluoromethane	1.04	3.79	2.9	2.1	2.09	2.14	1.26	2.53	2.9	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	0.27	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**10.23**	**18.34**	**13.71**	**12.75**	**13.43**	**15.4**	**10.2**	**31.60**	**11**	ND	**12**	**13.1**	**12.9**	**14.9**	**11.1**	**15**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB12	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	2.74	12.73	8.14	12.72	10.97	22.7	10.6	39.20	23	ND	21	18.3	22.6	15.1	21.4	21
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	0.54	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane	ND	1.59	ND	1.08	ND	ND	0.63	1.17	ND	ND	ND	ND	1.07	ND	1.07	1.55
	1,2-Dichloropropane	1.13	**7.25**	3.75	**5.61**	3.62	**5.55**	2.93	**6.29**	3.3	ND	**5.8**	**9.71**	**6.48**	**8.07**	**7.09**	**8.23**
	1,4-Dichlorobenzene	1.5	3.77	ND	2.82	ND	4.18	2.83	4.51	ND	ND	5.4	6.4	6.13	4.3	7.28	8.46
	2-Butanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	ND	0.59	0.70	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	3.54	1.89	2.66	1.82	2.63	1.89	3.46	2.2	ND	3.5	ND	3.61	3.27	3.82	3.95
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	1.21	0.92	1.46	ND	ND	2.1	ND	2.27	1.23	2.69	2.82
	Chloroethane	ND	ND	ND	2.5	2.61	1.39	0.87	1.64	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	22.6	25.91	25.54	26.92	26.86	21.4	12.4	26.20	14	ND	23	32.1	22.5	30.6	24.9	31.3
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	1.72	**6.16**	**9.35**	**6.24**	4.91	**8.27**	**11.3**	**8.19**	**10**	ND	ND	**5.01**	**7.93**	ND	**6.3**	4.44
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	ND	ND	ND	ND	0.85	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	**23.67**	**16.57**	**21.49**	**7.95**	**15.4**	**20**	**17.10**	**12**	1.8	**22**	**26.5**	**22.3**	**14.4**	**20.8**	**18.5**
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	2.68	1.42	1.52	1.23	1.91	1.62	2.44	1.8	ND	2.5	ND	2.55	2.09	2.81	2.91
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	**24.95**	**12.65**	**18.35**	**6.22**	**18.1**	**11.6**	**20.30**	**9.4**	ND	**17**	**24.9**	**16.7**	**16**	**16.7**	**18.3**
	Trichlorofluoromethane	ND	3.46	1.91	1.78	ND	2.42	1.8	3.80	4.5	ND	2.2	ND	2.17	1.74	1.87	2.21
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	0.01	ND	6.6	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	1.54	**2.9**	**6.72**	**3.97**	**6.99**	**6.3**	**7.32**	**6.22**	ND	ND	**6.4**	ND	**6.64**	**2.95**	**5.7**	**5.66**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB15	1,1,1,2-Tetrachloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	7.04	NS	4.2	4.03	4.04	4.62	1.08	12.00	2.3	ND	3.1	ND	1.56	3.73	ND	1.59
	1,1-Dichloroethene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	NS	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	NS	ND	ND	ND	ND	0.28	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	NS	NT	NT	NT	ND	0.61	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	NS	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	3.6	ND	ND	ND	ND	ND
	Chloroethane	ND	NS	ND	ND	ND	ND	0.05	0.98	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	1.28	NS	1.1	1.51	1.17	1.51	1.18	1.02	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	NS	Nt	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	NS	ND	ND	ND	ND	0.48	0.54	ND	ND	1.1	ND	ND	ND	ND	ND
	Toluene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	NS	ND	ND	ND	ND	0.39	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	1.16	NS	ND	ND	ND	ND	2.31	1.23	1.1	ND	2.2	ND	1.18	2.11	ND	ND
	Trichlorofluoromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NS	NT	NT	NT	NT	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**18.4**	NS	**6.29**	**9.17**	**2.78**	**3.92**	**3.55**	**10.20**	ND	ND	1.9	ND	ND	1.87	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall

Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
OB25	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	1.13	0.63	1.11	ND	ND	ND	ND	ND	2.16	ND	1.04
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	**143**	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	0.23	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	1.38	ND	ND	ND	3.16	0.71	3.80	ND	ND	3.7	3.3	ND	6.84	ND	3.36
	2-Butanone	ND	ND	NT	NT	NT	ND	0.45	0.87	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	ND	0.82	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	2.11	ND	ND	ND	ND	ND	1.43	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	1.58	ND	1.07	ND	1.93	0.47	4.50	ND	ND	ND	ND	ND	7.75	ND	3.13
	Chloroethane	ND	ND	ND	ND	ND	ND	0.17	0.69	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	2.56	6.07	4.38	6.23	4.12	7.5	4.52	6.82	ND	ND	4.9	9.55	ND	19.5	ND	7.38
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	1.44	ND	ND	ND	ND	ND	0.86	ND	ND	3.8	ND	1.4	3.92	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	1.04	2.43	1.21	ND	ND	1.66	0.81	2.24	ND	ND	2.1	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	**5.29**	ND	**4.29**	ND	**2.61**	0.38	**4.04**	ND	ND	ND	ND	ND	**3.47**	ND	**2.21**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
ST015	1,1,1,2-Tetrachloroethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	3.65	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	NS	ND	ND	0.27	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	NT	NS	NT	ND	ND	0.56	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NS	NT	ND	0.27	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	1.11	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	NS	ND	ND	0.78	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	1.15	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	1.45	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	3.64	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	5.94	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	1.4	ND	1.1	NS	2.2	ND	1.38	ND	ND	ND	ND	ND	1.5	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NS	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall

Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
ST120	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	NT	NT	NT	ND	ND	ND	1.8	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	0.87	4.9	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	2.99	1.22	ND	1.15	1.54	0.57	1.26	ND	ND	ND	ND	1.3	2.26	ND	1.33
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	1.56	ND	ND	ND	ND	ND	1.10	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	1.4	ND	ND	ND	ND	0.27	0.90	ND	ND	ND	ND	ND	1.01	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
ST65	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	1.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	1.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	1.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	0.23	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	0.81	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	9.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	7.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	1.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	3.6	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
ST70	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	0.28	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	1.04	ND	1.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	3.82	ND	7.27	1.19	4.27	1.04	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	2.2	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
ST80	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NT	NT	NT	ND	0.69	1.49	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	1.6	NT	NT	ND	NT	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
MW1B	1,1,1,2-Tetrachloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane								NT	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene								NT	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone								NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone								NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane								NT	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether								NT	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene								NT	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene								NT	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)								NT	ND	ND	ND	NT	NT	ND	NT	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
MW2A	1,1,1,2-Tetrachloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane								NT	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene								NT	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone								NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone								NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone								NT	ND	ND	ND	ND	40.8	ND	ND	ND
	Acrylonitrile								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane								NT	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether								NT	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene								NT	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene								NT	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene								NT	4	2.5	2.2	3.3	ND	2.45	3.84	2.02
	Toluene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene								NT	ND	ND	ND	ND	ND	ND	1.51	ND
	Trichlorofluoromethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)								NT	ND	ND	ND	NT	NT	ND	NT	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
MW2B	1,1,1,2-Tetrachloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane								NT	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene								NT	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone								NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone								NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane								NT	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether								NT	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene								NT	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene								NT	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene								NT	1.9	3	3.2	3.27	ND	2.57	3.93	2.32
	Toluene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride								NT	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)								NT	ND	ND	ND	NT	NT	ND	NT	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
MW3A	1,1,1,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane								ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane								ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform								1.46	1.5	1.6	1.8	ND	1.15	1.64	2.5	2.19
	Chloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether								ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)								NT	ND	ND	ND	NT	NT	ND	NT	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
MW3B	1,1,1,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane								ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene								1.11	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether								ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)								NT	ND	ND	ND	NT	NT	ND	ND	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
MW04	1,1,1,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane								ND	9.3	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane								ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone								ND	9.4	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene								ND	1.1	2.1	ND	ND	ND	ND	ND	ND
	Bromochloromethane								ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene								ND	5.6	ND	ND	ND	ND	ND	ND	ND
	Chloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane								ND	2.9	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene								ND	13	ND	ND	ND	ND	1.7	ND	ND
	cis-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane								ND	ND	2	ND	ND	ND	ND	ND	ND
	Ethylbenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether								ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene								ND	ND	1.5	ND	ND	ND	ND	ND	ND
	Toluene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene								ND	1.7	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene								ND	**5.6**	1.4	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane								ND	ND	14	ND	ND	ND	ND	ND	ND
	Vinyl Acetate								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride								ND	ND	3.1	ND	ND	ND	ND	ND	ND
	Xylene (Total)								NT	ND	ND	ND	NT	NT	ND	NT	NT

NEW MONITORING WELL
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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
MW06	1,1,1,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane								6.86	ND	ND	3.3	ND	2.79	ND	2.03	1.68
	1,1-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane								ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane								1.84	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane								2.37	ND	ND	ND	ND	1.15	ND	ND	ND
	1,4-Dichlorobenzene								6.64	ND	ND	ND	6.24	4.53	3.99	4.99	4.42
	2-Butanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene								0.74	ND	ND	6.3	ND	ND	ND	ND	ND
	Bromochloromethane								ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene								5.77	7.1	6.1	ND	6.56	5.03	4.03	4.94	6.19
	Chloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene								33.20	ND	ND	23	18.1	15.3	15.6	11.2	11.4
	cis-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane								0.56	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether								5.16	ND	ND	3.3	ND	ND	ND	ND	ND
	ortho-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene								2.63	ND	2.2	1.2	ND	1.01	ND	ND	ND
	trans-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene								1.19	ND	ND	ND	ND	ND	1.26	ND	ND
	Trichlorofluoromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride								ND	ND	ND	2	ND	1.65	ND	ND	1.62
	Xylene (Total)								NT	ND	ND	ND	NT	NT	ND	NT	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
MW07	1,1,1,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane								ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene								ND	ND	ND	ND	ND	1.69	ND	7.54	10.6
	2-Butanone								0.73	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone								4.74	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene								ND	ND	ND	ND	ND	ND	ND	ND	1.1
	Bromochloromethane								ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide								2.00	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene								ND	ND	ND	ND	ND	ND	ND	ND	3.35
	Chloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane								0.58	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene								ND	ND	ND	ND	5.12	3.38	3.45	6.65	5.18
	cis-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane								ND	ND	1.7	ND	ND	ND	ND	ND	ND
	Ethylbenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether								ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene								0.54	ND	3	3.2	3.56	**5.26**	4.39	4.64	1.97
	Toluene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene								0.52	**11**	3	1.3	3.58	2.21	2.62	2.37	ND
	Trichlorofluoromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride								ND	ND	ND	ND	ND	ND	ND	ND	1.09
	Xylene (Total)								NT	ND	ND	ND	NT	NT	ND	NT	NT

NEW MONITORING WELL
Sampling Started in Fall 2014

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
MW08	1,1,1,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane								ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene								ND	ND	ND	ND	4.03	1.45	ND	ND	ND
	2-Butanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone								1.41	8.6	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane								ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide								ND	1.1	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene								0.51	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane								1.98	3.7	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether								ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene								ND	ND	2.8	ND	**5.37**	1.24	ND	ND	ND
	Trichlorofluoromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)								NT	ND	ND	ND	NT	NT	NT	NT	NT

NEW MONITORING WELL Sampling Started in Fall 2010

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall

Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
MW09	1,1,1,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane								ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone								ND	22	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene								ND	1	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane								ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether								ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene								**8.72**	5	**16**	**14**	**13.6**	**16.4**	**12.9**	**16.5**	**16.9**
	Toluene								ND	3	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene								0.73	ND	ND	ND	ND	1.11	ND	ND	1.78
	Trichlorofluoromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)								NT	1.3	ND	ND	NT	NT	ND	NT	NT

NEW MONITORING WELL Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
MW10	1,1,1,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane								ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone								ND	24	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane								ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane								ND	5.2	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether								ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)								NT	ND	ND	ND	NT	NT	ND	NT	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
MW11A	1,1,1,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane								ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	ND	1.01
	2-Butanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane								ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether								ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene								ND	ND	ND	ND	ND	ND	ND	ND	1.36
	Toluene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)								NT	ND	ND	ND	NT	NT	ND	NT	NT

NEW MONITORING WELL
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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
MW11B	1,1,1,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane								ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane								ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether								ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene								0.97	ND	ND	2.1	ND	2.74	2.42	3.01	3.83
	Toluene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)								NT	ND	ND	ND	NT	NT	ND	NT	NT

NEW MONITORING WELL
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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
MW12	1,1,1,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane								ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane								ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane								ND	4.1	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether								ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)								NT	ND	ND	ND	NT	NT	ND	NT	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
MW13A	1,1,1,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane								17.90	25	ND	16	15.6	19	19.9	15.8	13.7
	1,1-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane								ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene								ND	ND	ND	ND	ND	ND	ND	NT	ND
	1,2-Dichloroethane								1.86	ND	ND	ND	ND	2.35	1.74	2.06	ND
	1,2-Dichloropropane								4.80	**6.6**	4.4	**5.4**	**5.64**	**6.94**	3.08	**6**	**6.22**
	1,4-Dichlorobenzene								3.54	ND	ND	5.9	5.12	5.77	6.46	6.13	5.2
	2-Butanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone								0.72	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene								3.31	4.4	3.7	2.9	ND	3.24	3.57	2.64	2.28
	Bromochloromethane								ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene								1.01	ND	ND	ND	ND	1.64	1	1.81	1.66
	Chloroethane								0.97	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane								0.96	6.4	3.7	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene								**76.70**	**96**	ND	**97**	**79.8**	**105**	**120**	**94.2**	**81.6**
	cis-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane								**8.07**	**10**	**9.2**	3.2	**6.02**	**6.49**	4.04	4.88	3.59
	Ethylbenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether								0.61	3.1	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene								**22.20**	**17**	**25**	**28**	**25.7**	**27.8**	**24.2**	**21.7**	**18**
	Toluene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene								3.26	7.3	6.2	3.5	ND	4	4.76	3.31	3.14
	trans-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene								**26.90**	**23**	**28**	**32**	**30.2**	**33.9**	**37.1**	**28.3**	**28.9**
	Trichlorofluoromethane								1.50	3.8	4.6	ND	ND	ND	ND	ND	ND
	Vinyl Acetate								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride								**11.10**	**14**	**18**	**8.6**	**8.58**	**10.1**	**9.83**	**8.14**	**6.74**
	Xylene (Total)								NT	ND	ND	ND	NT	NT	ND	NT	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S	2012-F	2013-S	2013-F	2014-S	2014-F
MW13B	1,1,1,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane								17.80	ND	ND	15	13.9	17.2	16.6	13.8	14
	1,1-Dichloroethene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane								ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene								0.54	ND	ND	ND	ND	ND	1.09	NT	ND
	1,2-Dichloroethane								3.11	ND	4.6	ND	ND	2.87	2.52	2.5	2.64
	1,2-Dichloropropane								**6.54**	ND	**7.4**	**7.5**	**7.73**	**8.01**	**7.87**	**6.96**	**5.44**
	1,4-Dichlorobenzene								8.86	ND	ND	11	9.67	10.2	11.5	9.56	8.49
	2-Butanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone								0.87	35	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene								**5.56**	ND	**6.3**	4.6	ND	4.56	4.17	3.61	3.28
	Bromochloromethane								ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene								1.63	ND	ND	ND	ND	2.03	2.29	1.98	1.67
	Chloroethane								1.14	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane								0.76	4.6	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene								**101.00**	3.9	ND	**110**	**82**	**102**	**109**	**83.5**	**79.5**
	cis-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane								**8.50**	ND	**11**	4.2	**5.95**	**7.2**	**6.55**	**5.62**	**5.53**
	Ethylbenzene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether								0.96	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene								ND	NT	NT	NT	ND	ND	ND	ND	ND
	Styrene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene								**22.70**	ND	**27**	**30**	**26.5**	**27**	**24.2**	**21.1**	**16.8**
	Toluene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene								4.45	ND	7.3	4.3	ND	4.22	4.18	3.31	3.6
	trans-1,3-Dichloropropene								ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene								**32.00**	ND	**28**	**32**	**27.6**	**29.5**	**34.5**	**22.9**	**20.2**
	Trichlorofluoromethane								1.71	ND	4.7	1.3	ND	1.27	ND	ND	1.09
	Vinyl Acetate								ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride								**17.20**	ND	**25**	**12**	**9.83**	**11.4**	**9.96**	**8.49**	**10.8**
	Xylene (Total)								NT	ND	ND	ND	NT	NT	ND	NT	NT

NEW MONITORING WELL
Sampling Started in Fall 2013

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

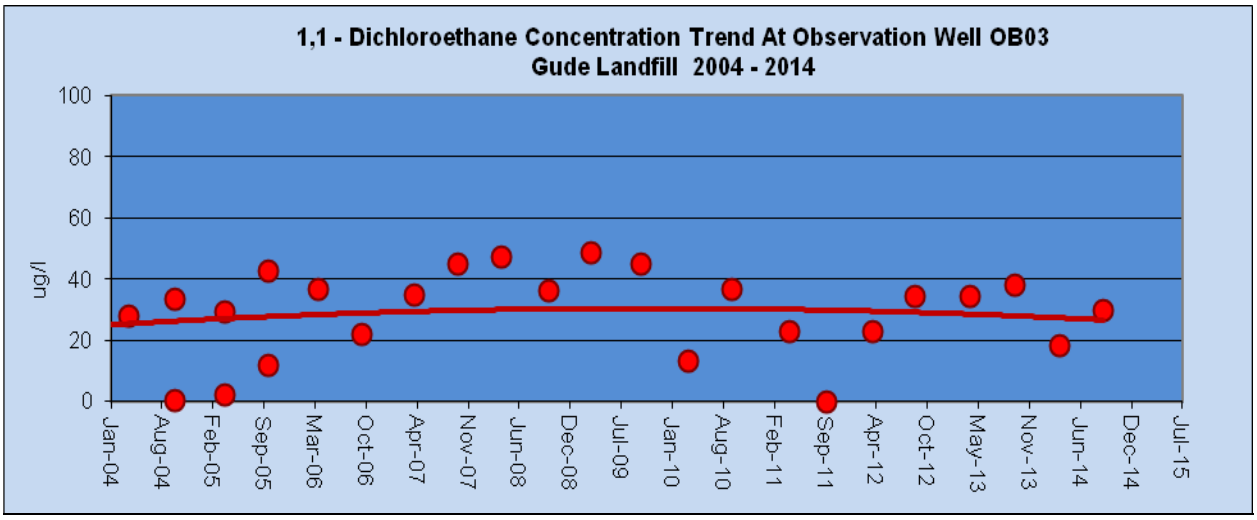
Appendix C

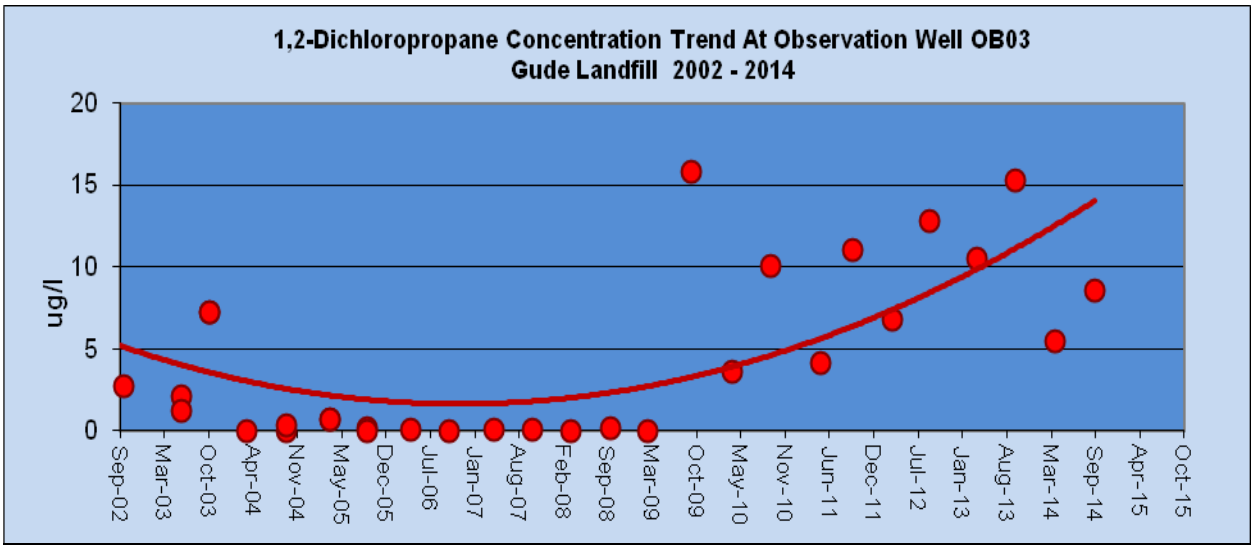
Volatile Organic Compounds

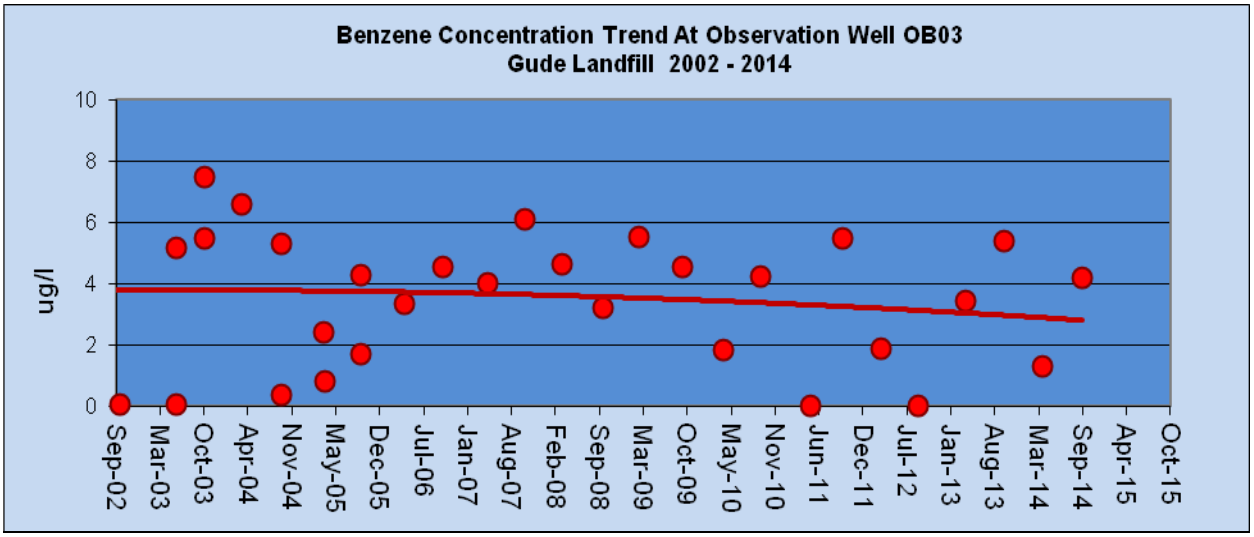
Trend Analysis

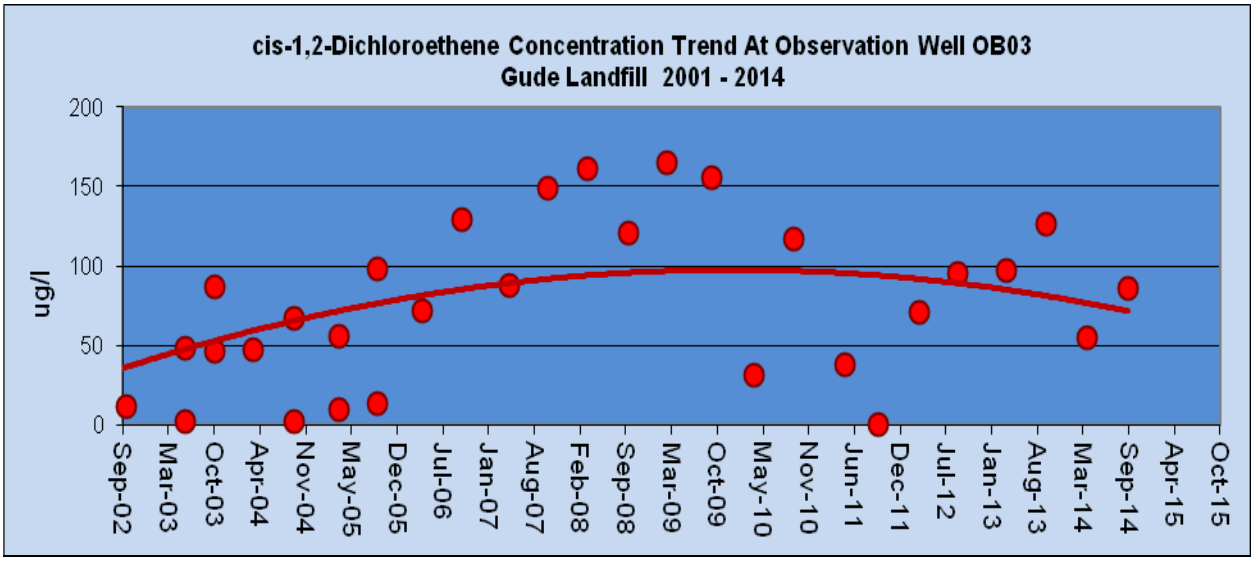
The following graphs provide Historical Trend Analysis for those VOC compounds that are consistently detected at specific monitoring locations. These historical trend analyses do not include the monitoring locations installed in 2010.

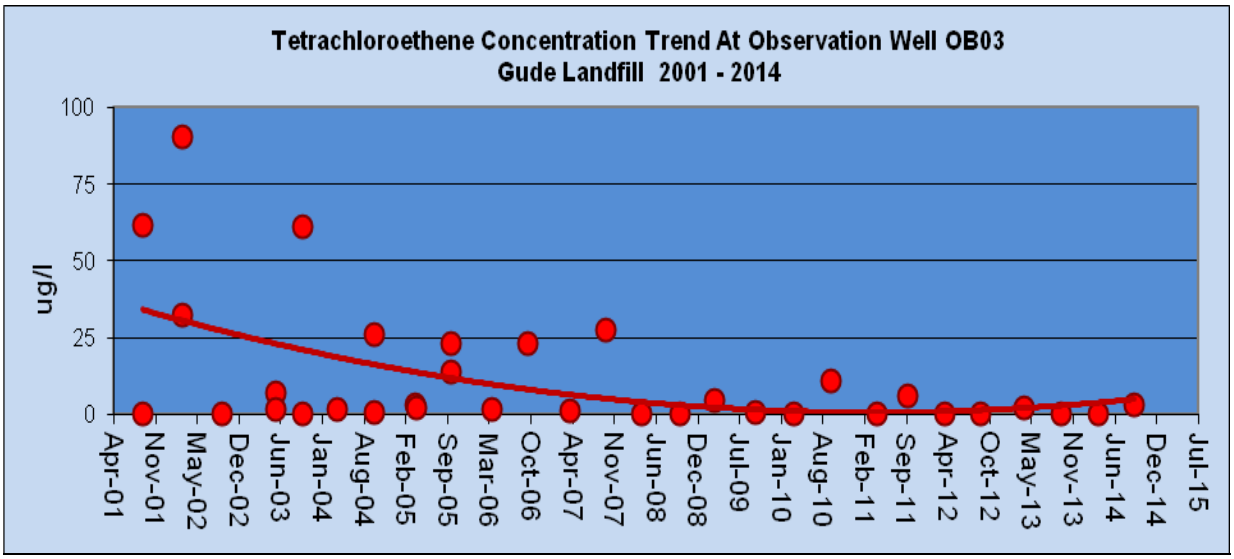
(Please refer to Tables 1 and 2 for additional information.)

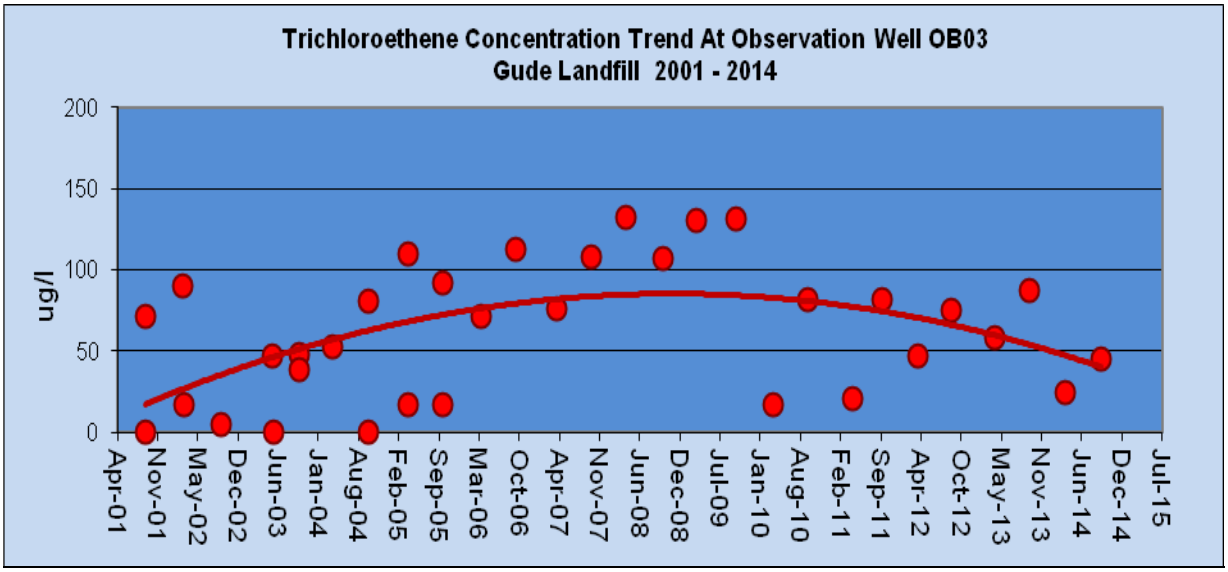


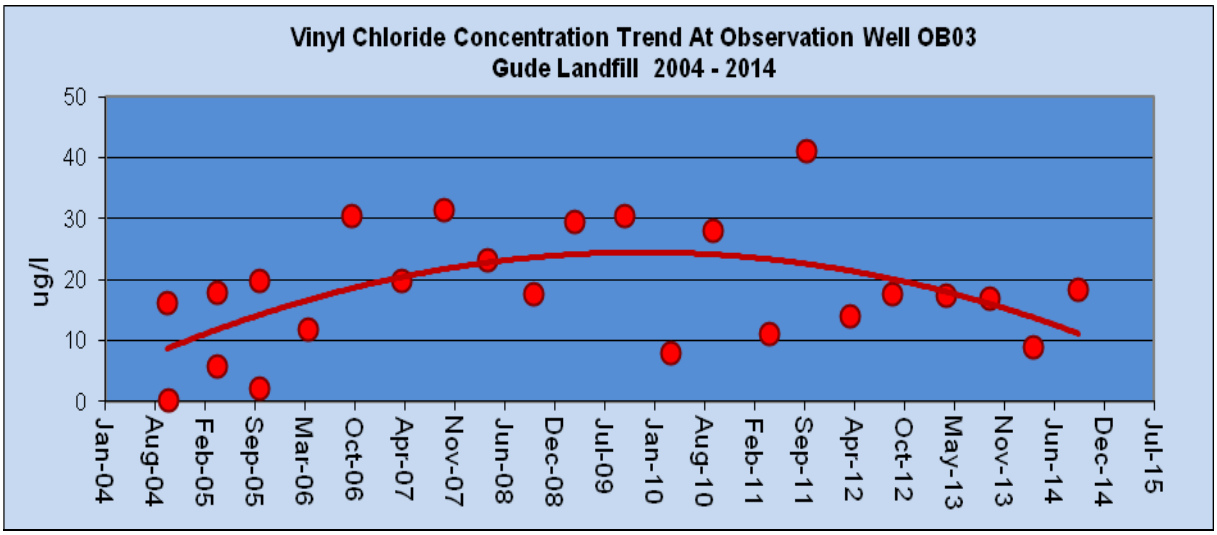


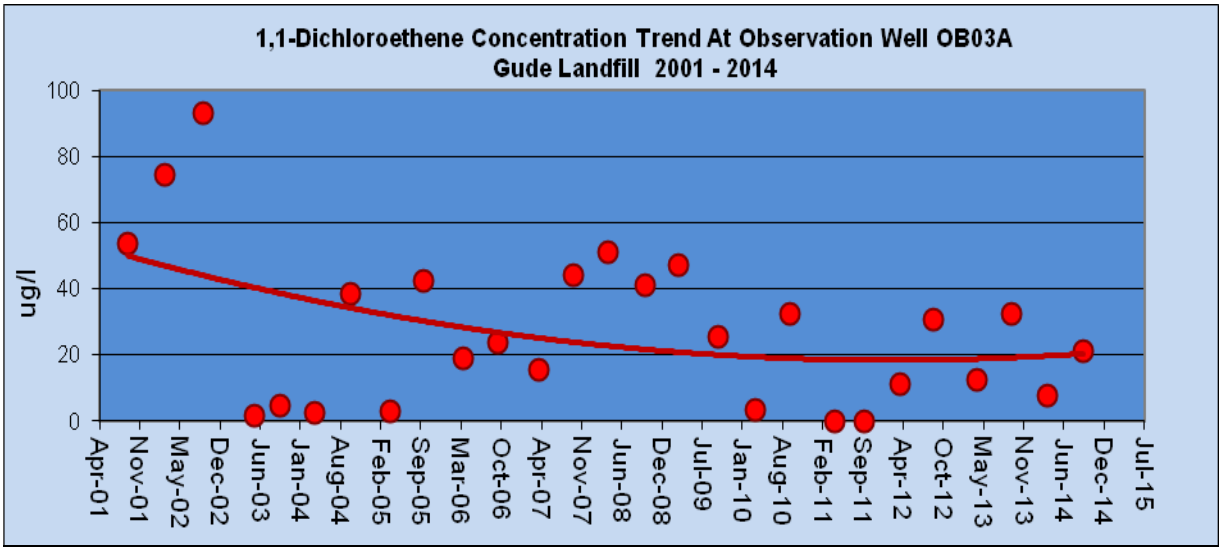

Benzene Concentration Trend At Observation Well OB03
Gude Landfill 2002 - 2014
ug/l
10
8
6
4
2
0
Sep-02
Mar-03
Oct-03
Apr-04
Nov-04
May-05
Dec-05
Jul-06
Jan-07
Aug-07
Feb-08
Sep-08
Mar-09
Oct-09
May-10
Nov-10
Jun-11
Dec-11
Jul-12
Jan-13
Aug-13
Mar-14
Sep-14
Apr-15
Oct-15

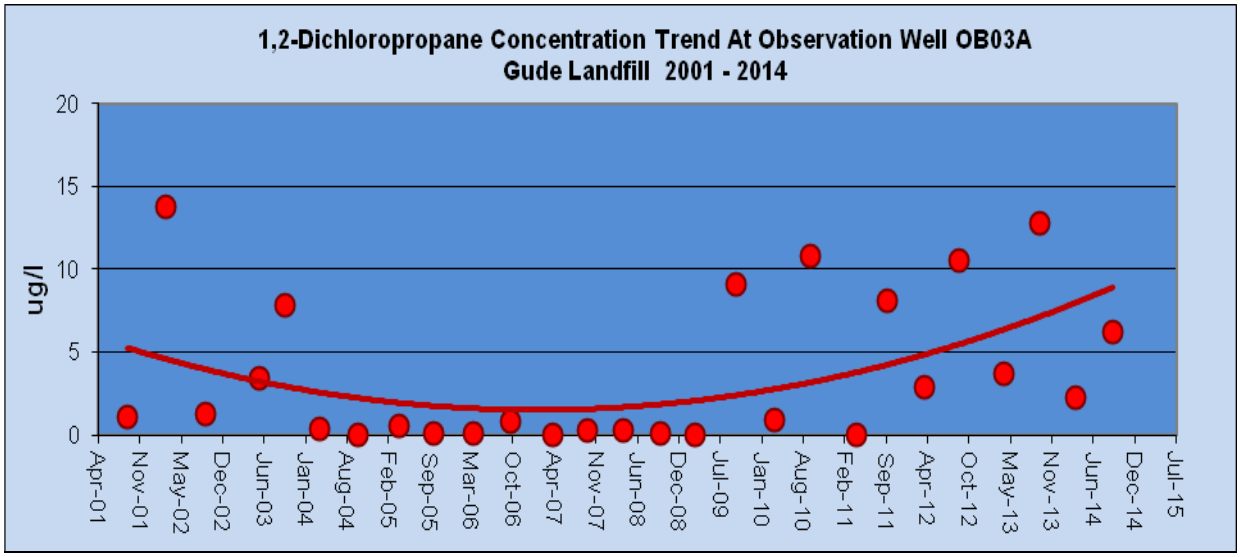

cis-1,2-Dichloroethene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2014
ug/l
200
150
100
50
0
Sep-02
Mar-03
Oct-03
Apr-04
Nov-04
May-05
Dec-05
Jul-06
Jan-07
Aug-07
Feb-08
Sep-08
Mar-09
Oct-09
May-10
Nov-10
Jun-11
Dec-11
Jul-12
Jan-13
Aug-13
Mar-14
Sep-14
Apr-15
Oct-15


Tetrachloroethene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2014
ug/l
100
75
50
25
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15


Trichloroethene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2014
ug/l
200
150
100
50
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15


Vinyl Chloride Concentration Trend At Observation Well OB03
Gude Landfill 2004 - 2014
ug/l
50
40
30
20
10
0
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15


1,1-Dichloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2014
ug/l
100
80
60
40
20
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15


1,2-Dichloropropane Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2014
ug/l
0
5
10
15
20
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
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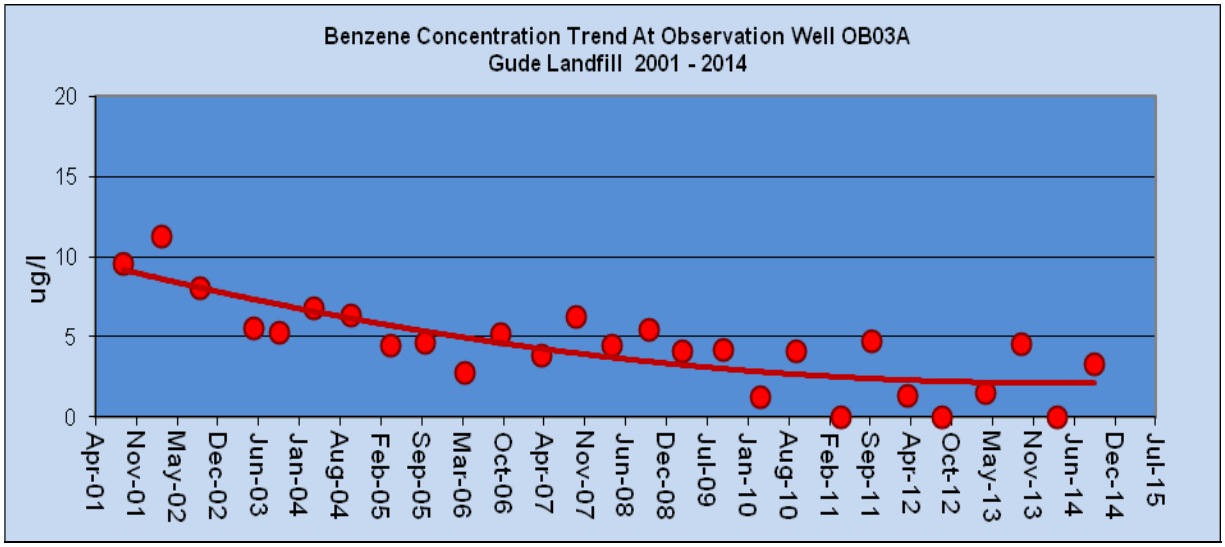
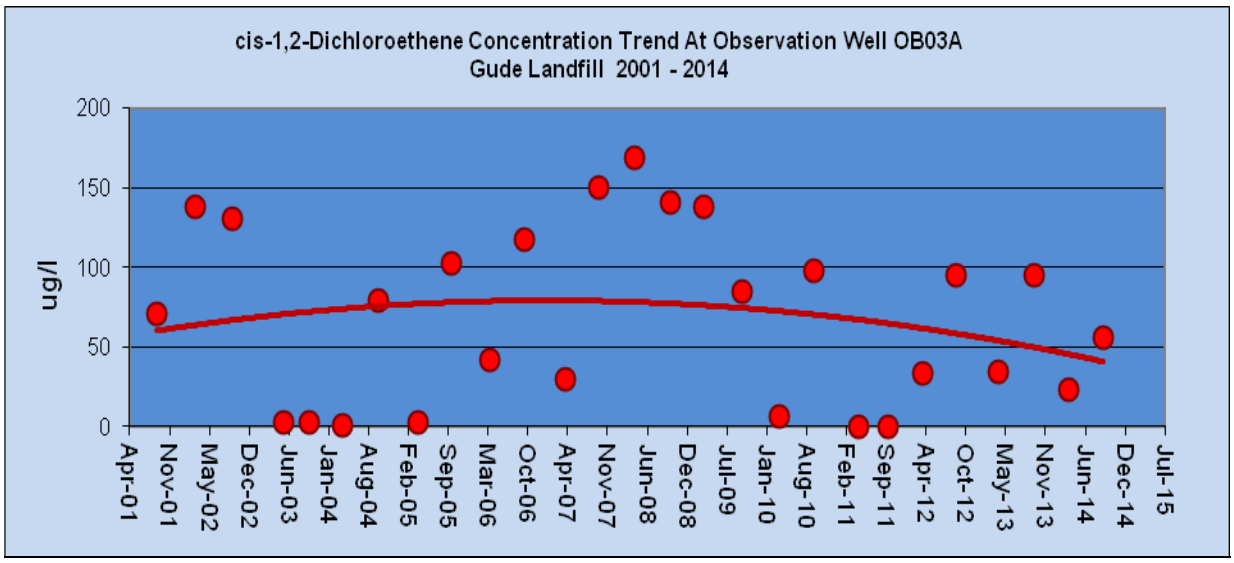
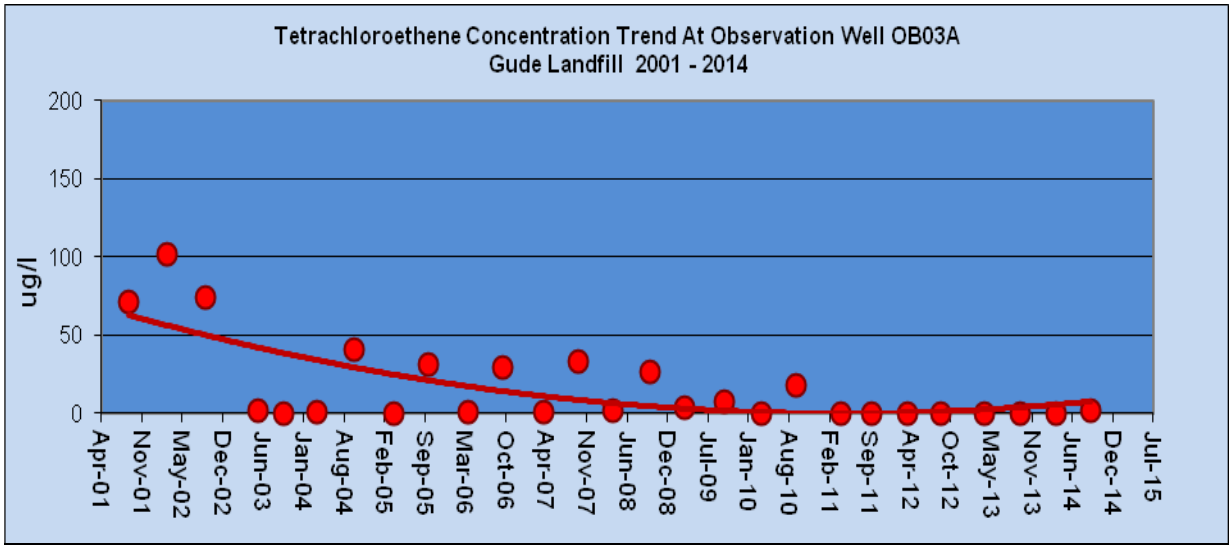
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15


Benzene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2014
ug/l
0
5
10
15
20
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15


cis-1,2-Dichloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2014
ug/l
0
50
100
150
200
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15


Tetrachloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2014
ug/l
200
150
100
50
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
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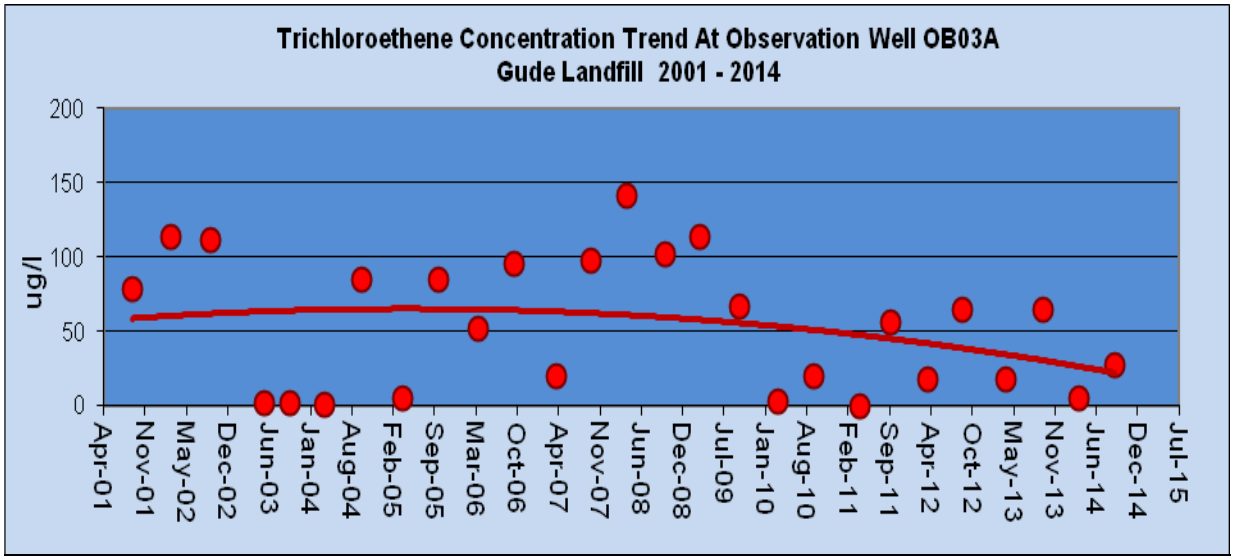
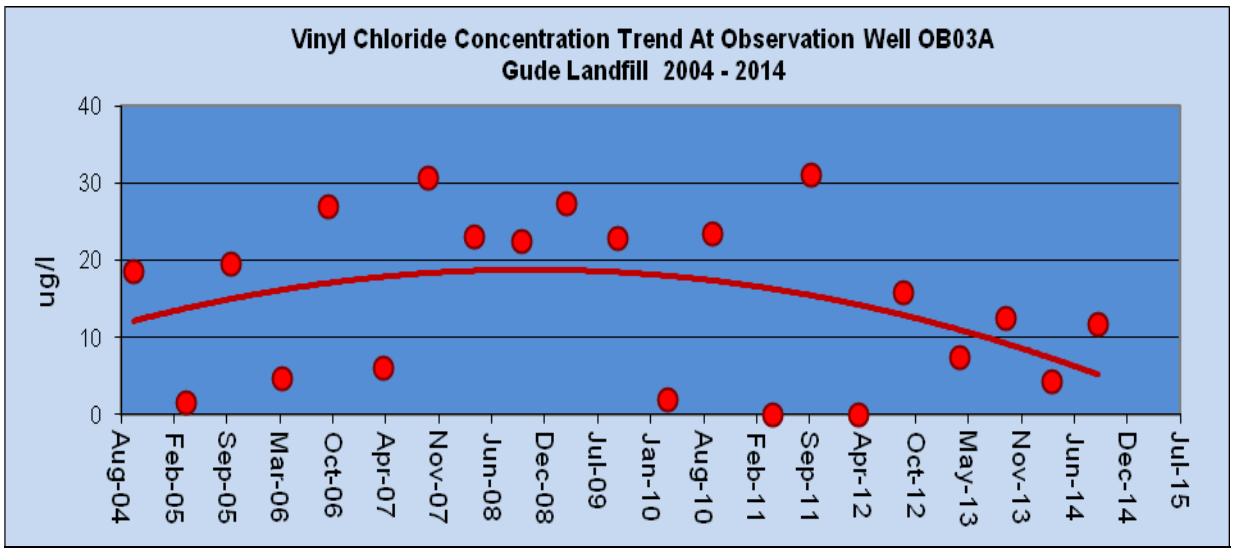
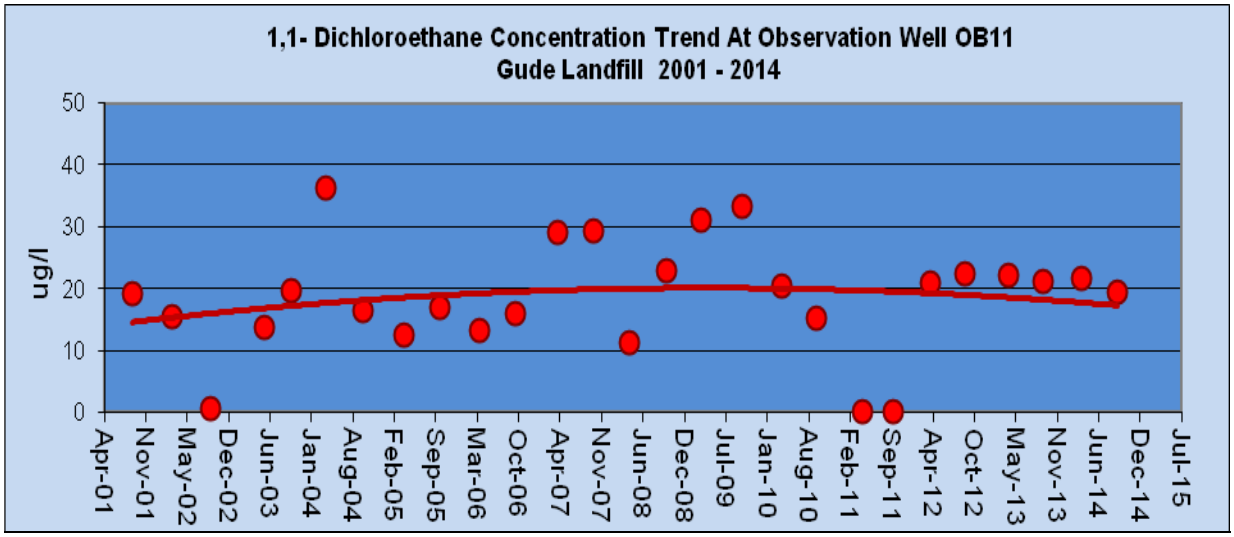
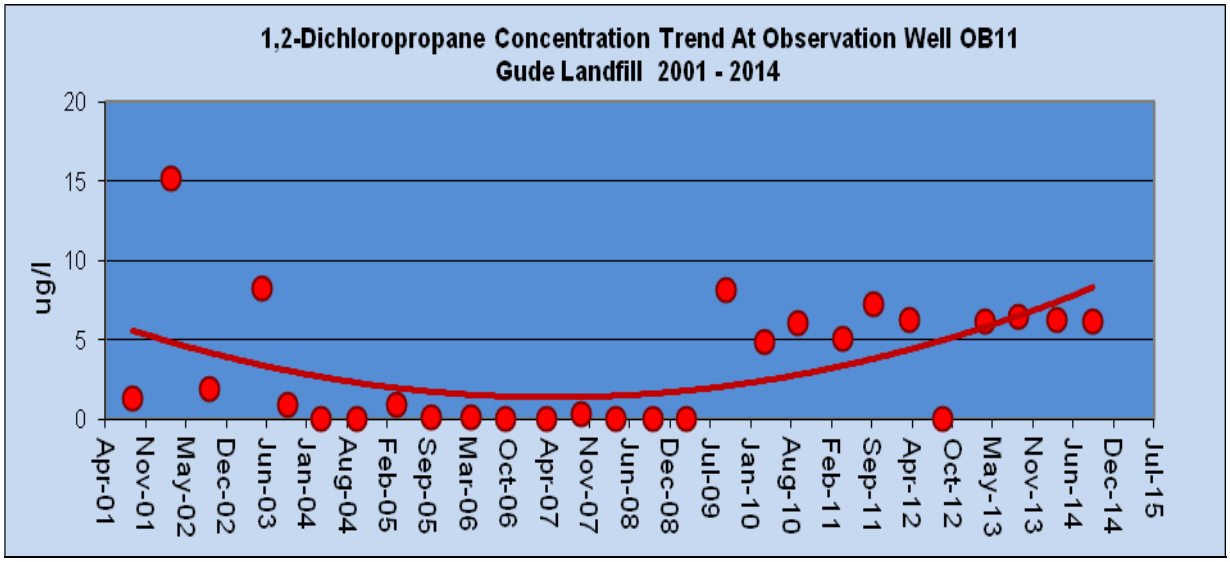
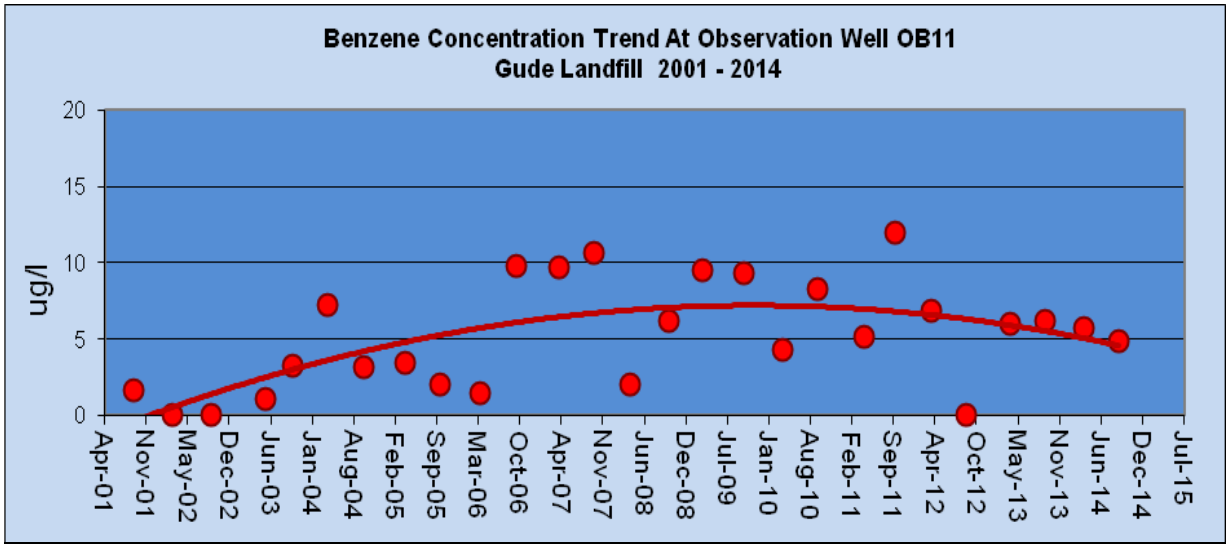
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15

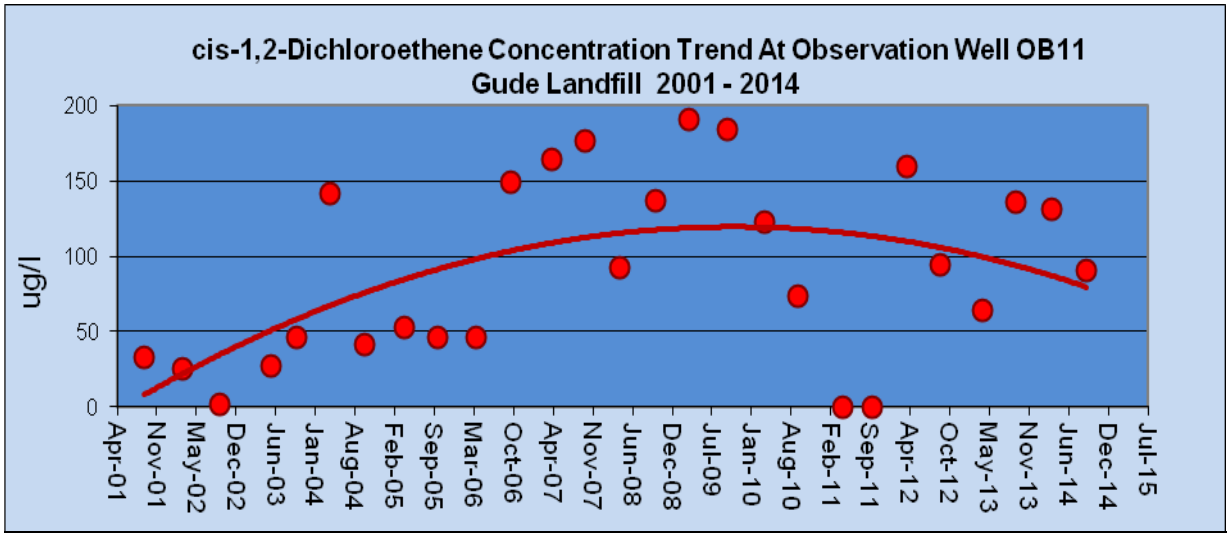

Trichloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2014
ug/l
200
150
100
50
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15

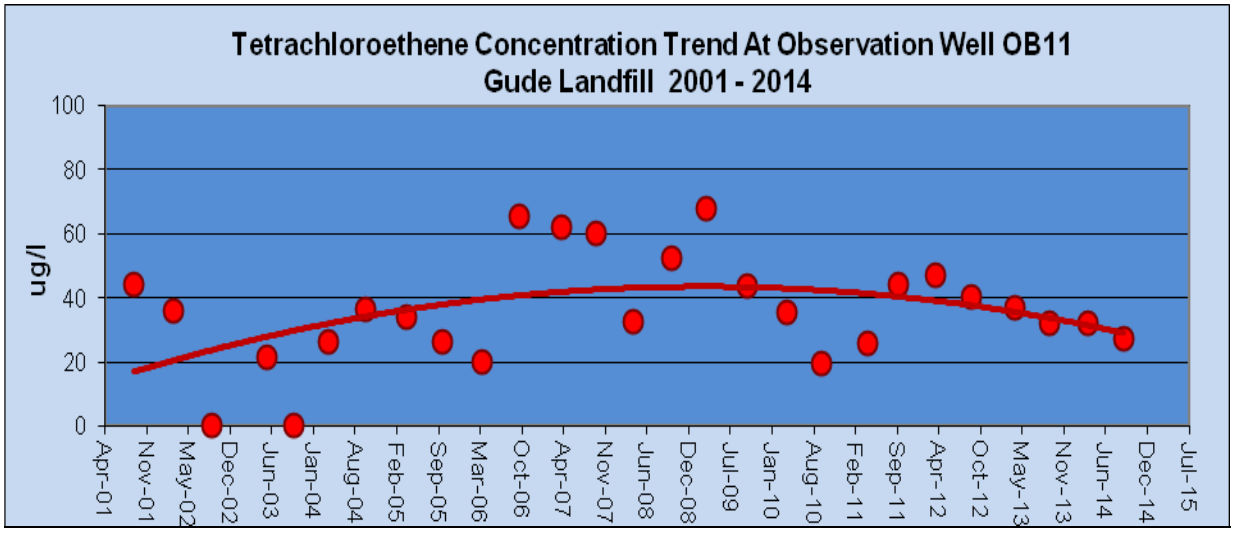

Vinyl Chloride Concentration Trend At Observation Well OB03A
Gude Landfill 2004 - 2014
ug/l
40
30
20
10
0
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15

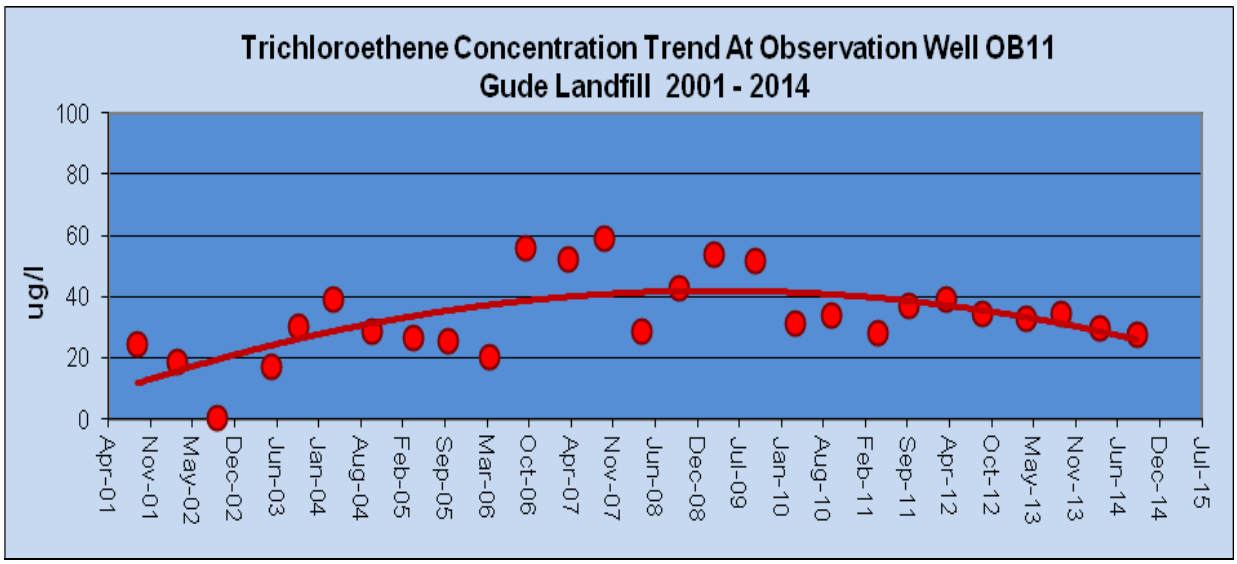

1,1- Dichloroethane Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2014
ug/l
50
40
30
20
10
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15

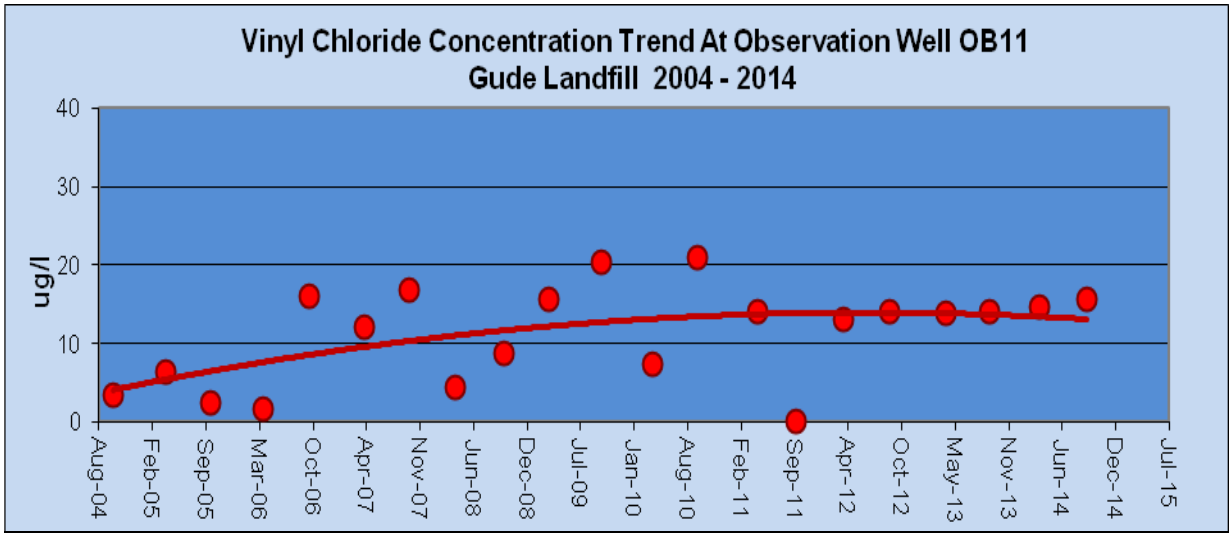

1,2-Dichloropropane Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2014
ug/l
20
15
10
5
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15

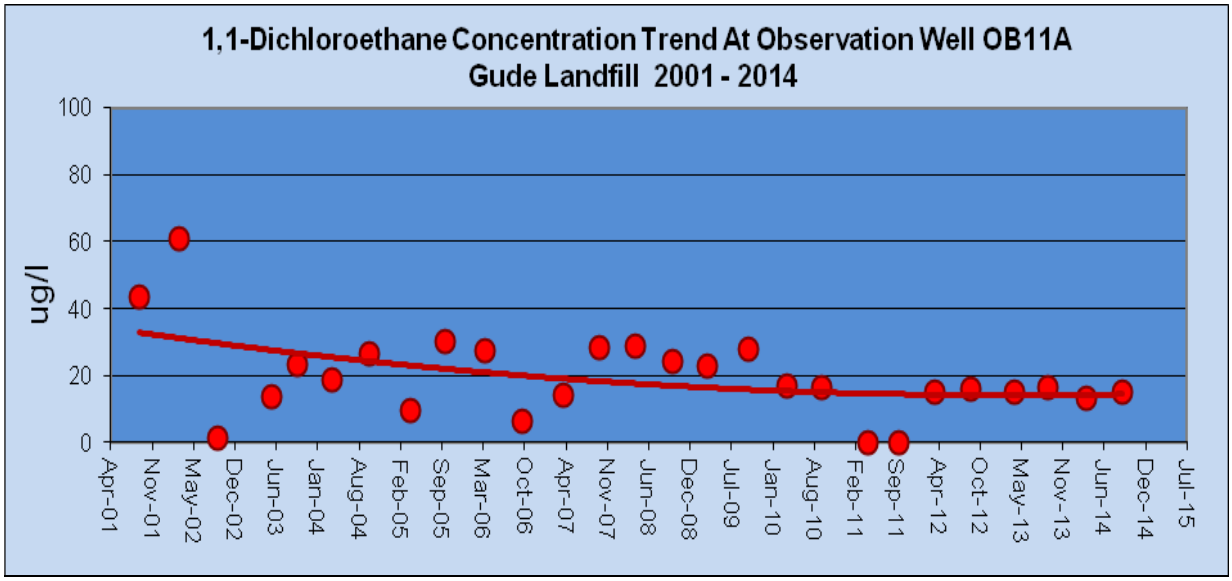

Benzene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2014
ug/l
20
15
10
5
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15

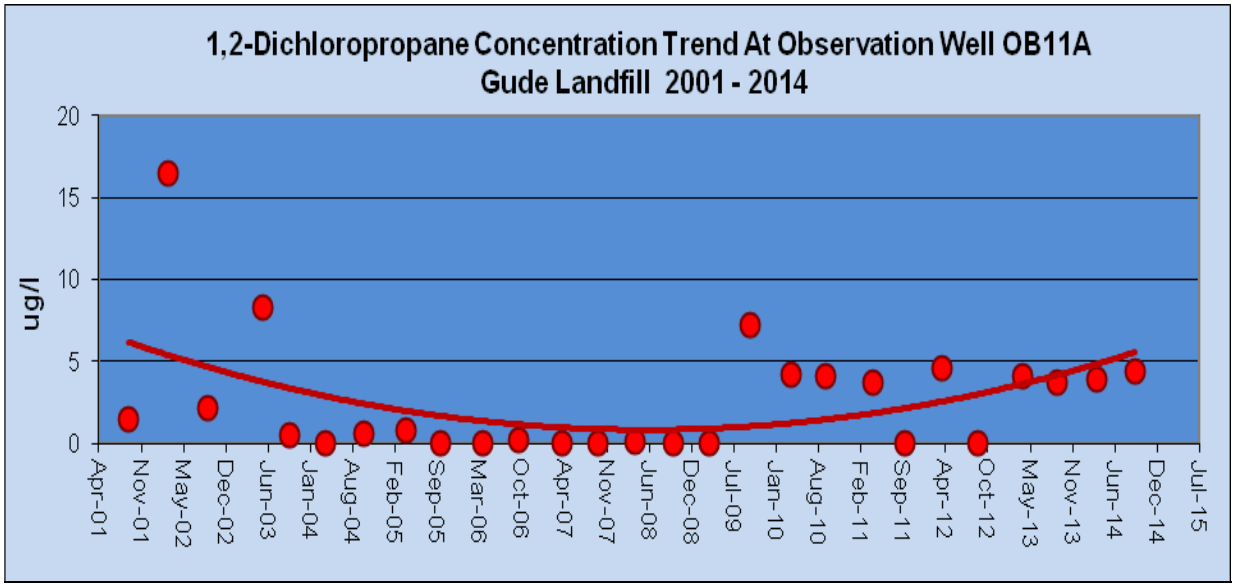

cis-1,2-Dichloroethene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2014
ug/l
200
150
100
50
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15

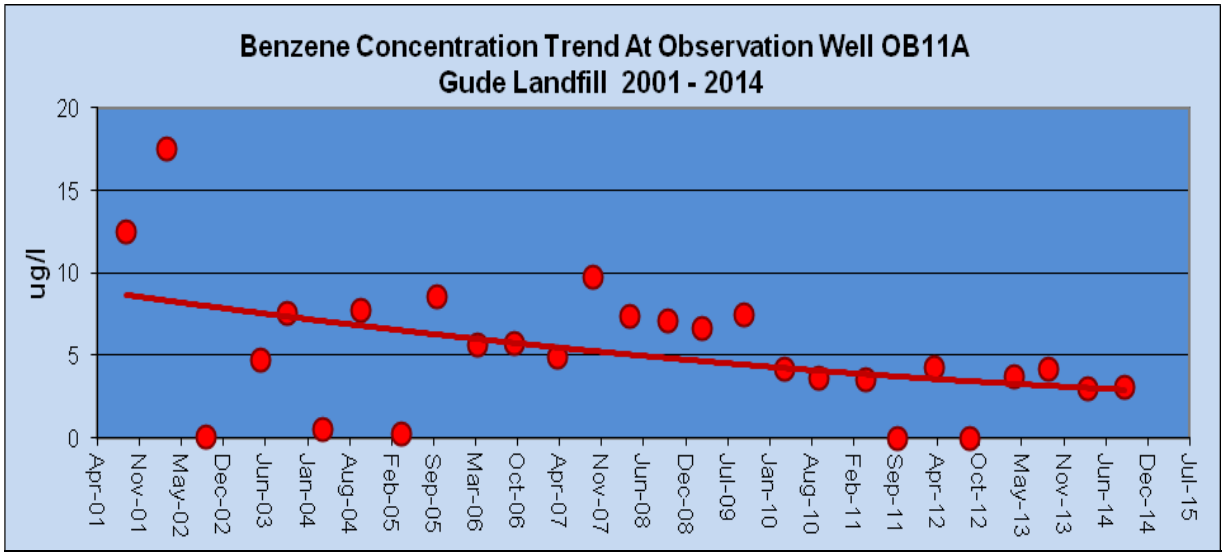

Tetrachloroethene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2014
ug/l
100
80
60
40
20
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15

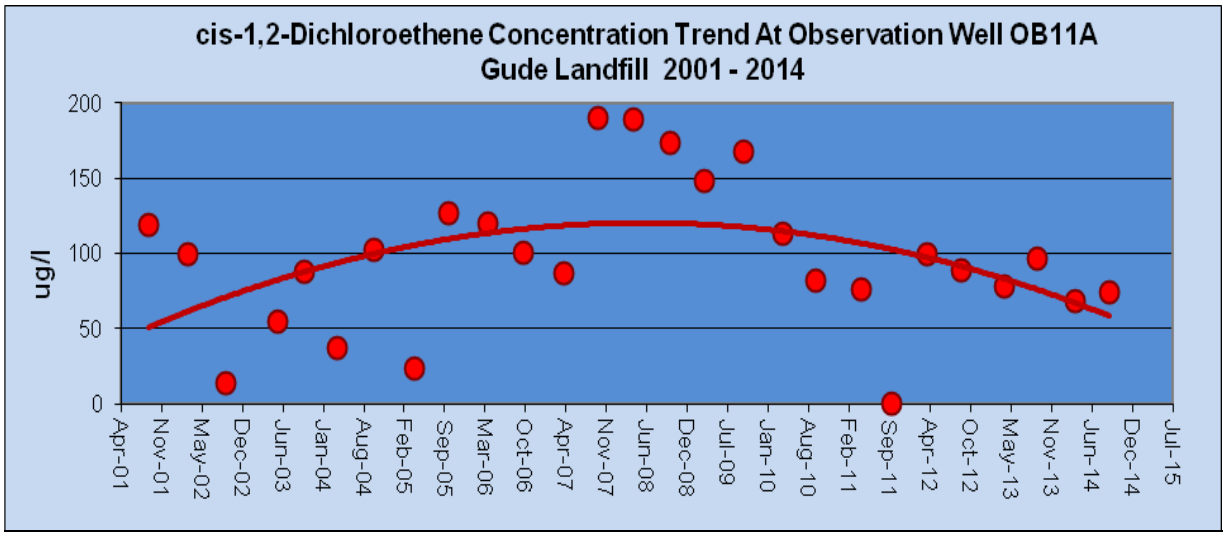

Trichloroethene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2014
ug/l
100
80
60
40
20
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15

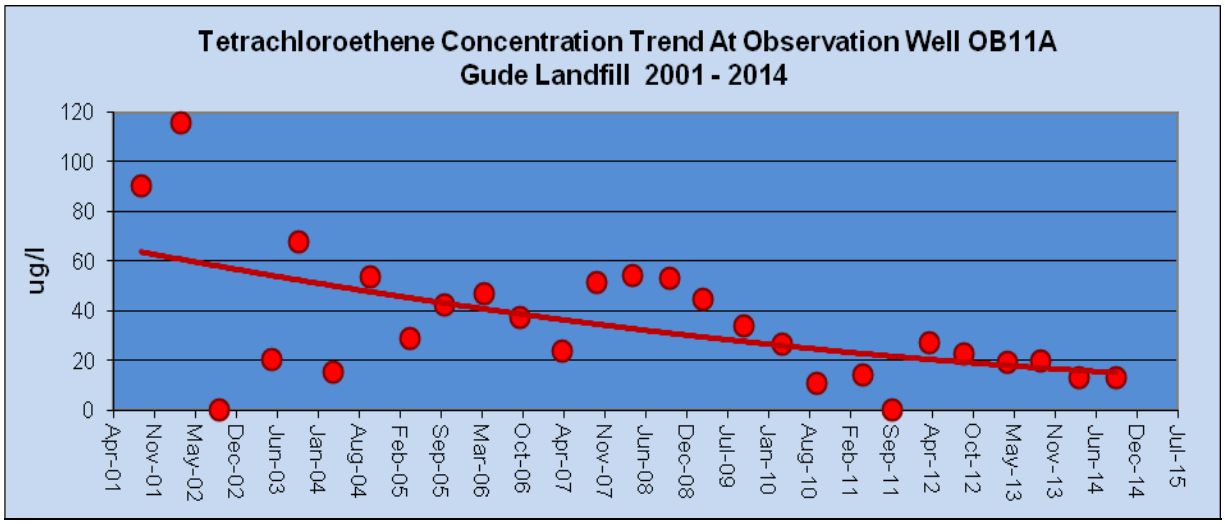

Vinyl Chloride Concentration Trend At Observation Well OB11
Gude Landfill 2004 - 2014
ug/l
0
10
20
30
40
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15

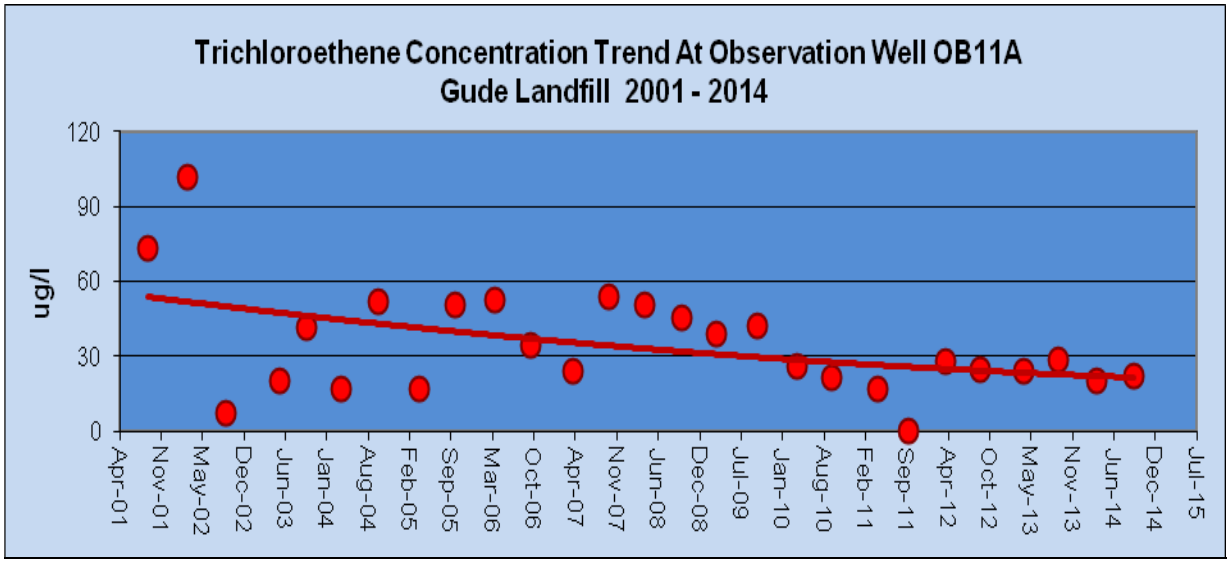

1,1-Dichloroethane Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2014
ug/l
0
20
40
60
80
100
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15

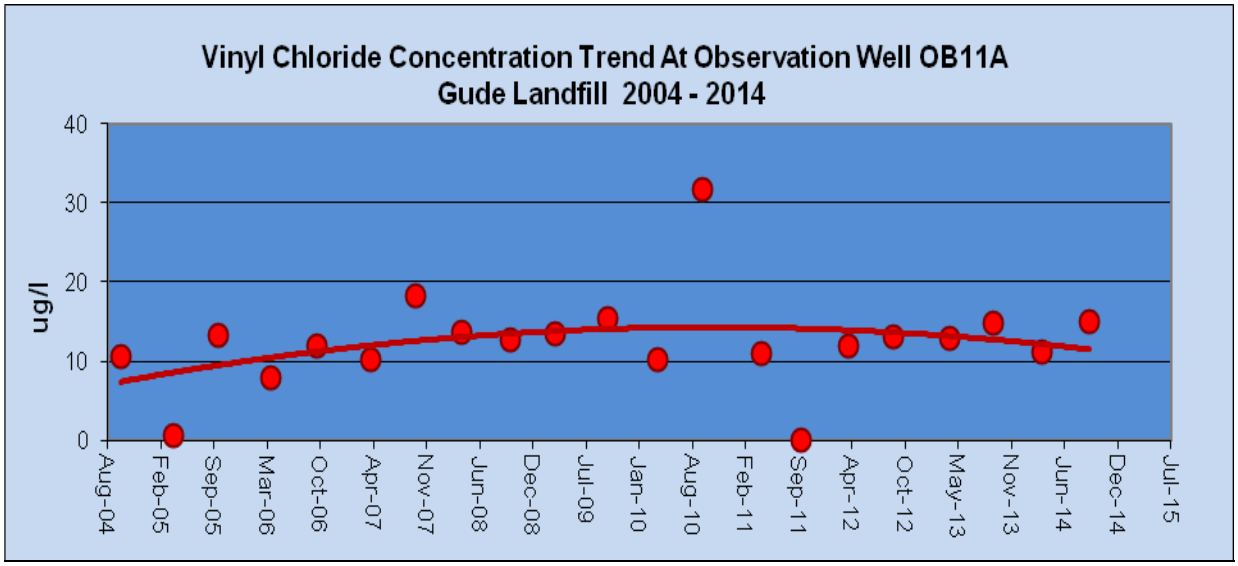

1,2-Dichloropropane Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2014
ug/l
0
5
10
15
20
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15


Benzene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2014
ug/l
20
15
10
5
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15


cis-1,2-Dichloroethene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2014
ug/l
200
150
100
50
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15

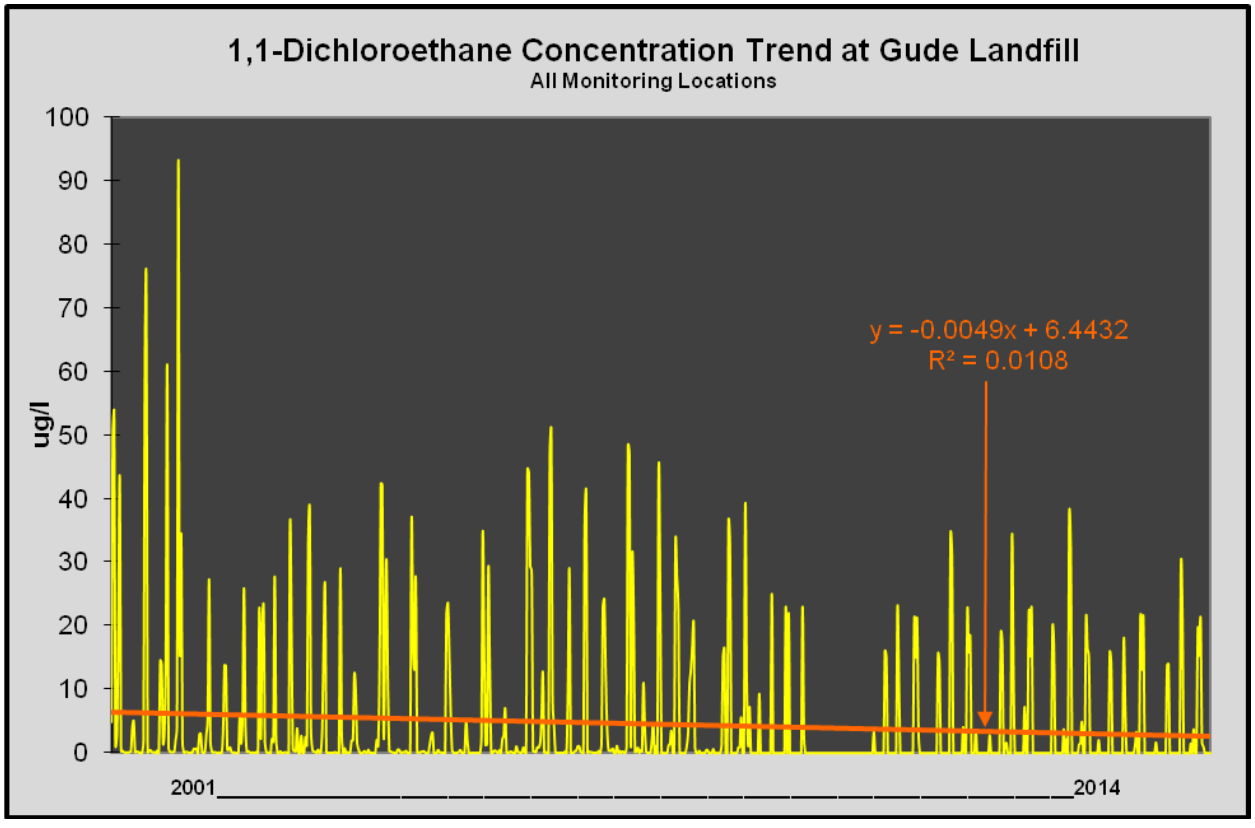

Tetrachloroethene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2014
ug/l
120
100
80
60
40
20
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15

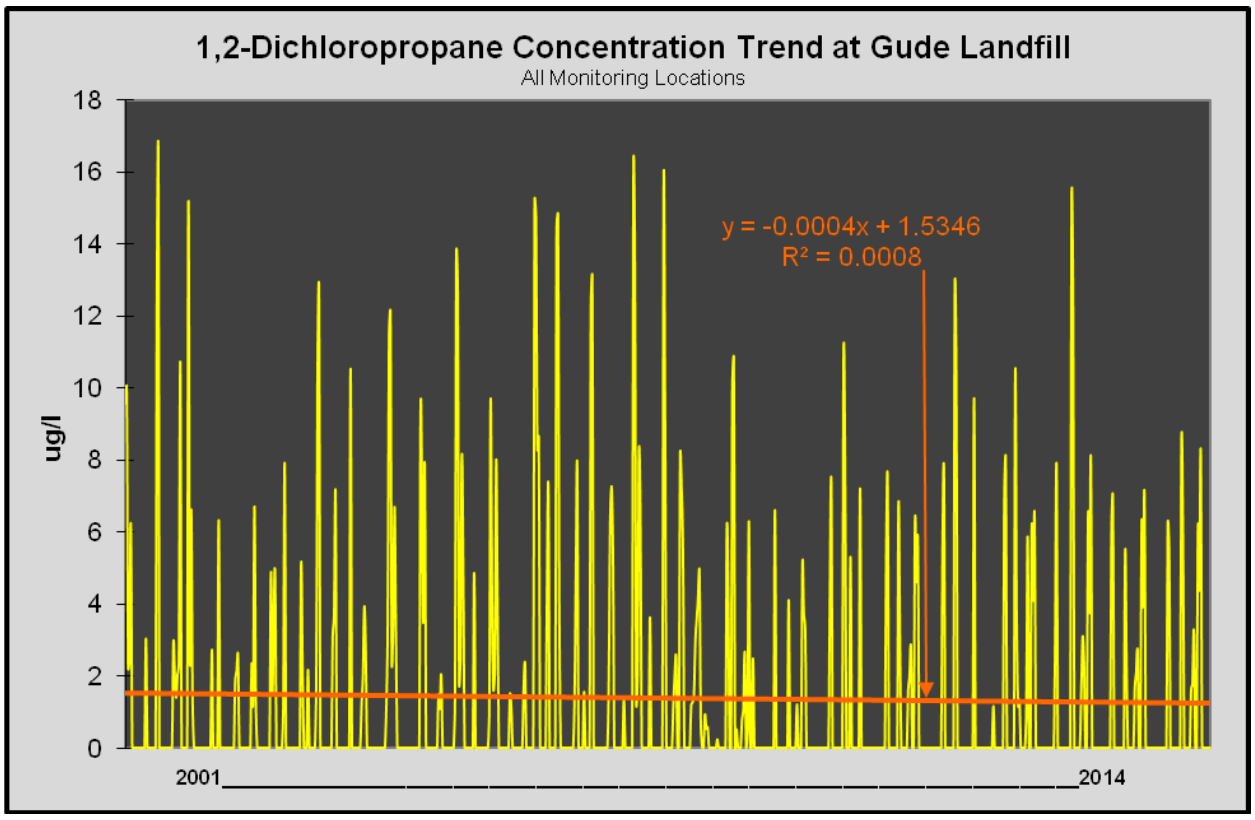

Trichloroethene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2014
ug/l
120
90
60
30
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15

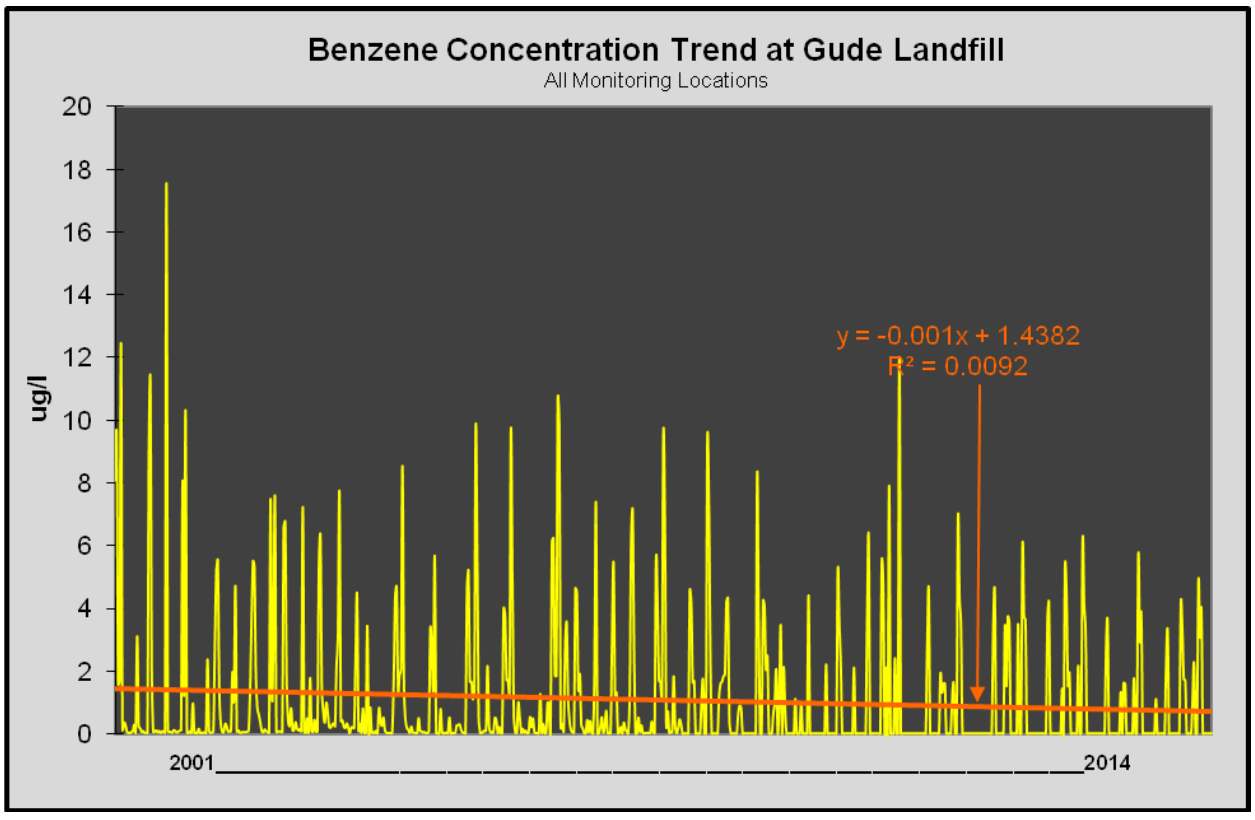

Vinyl Chloride Concentration Trend At Observation Well OB11A
Gude Landfill 2004 - 2014
ug/l
40
30
20
10
0
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
May-13
Nov-13
Jun-14
Dec-14
Jul-15

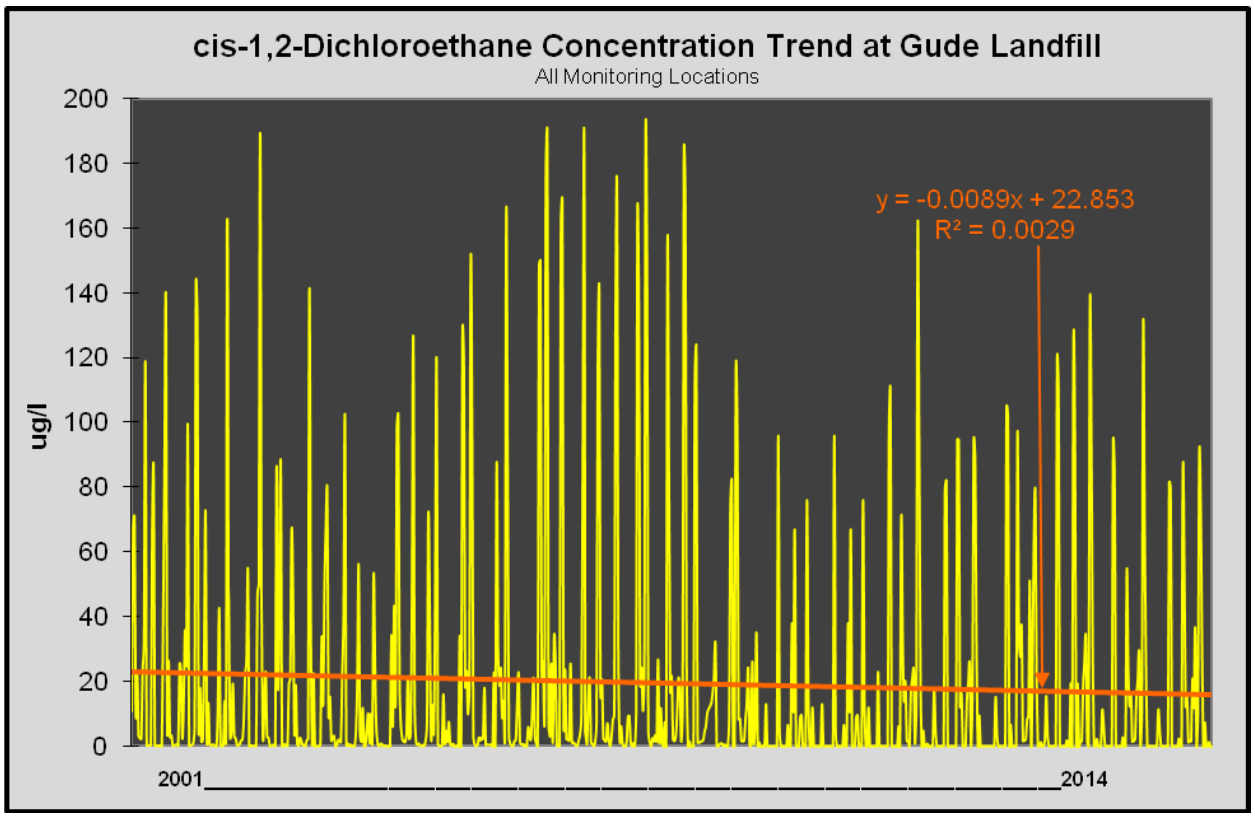
The following graphs provide Historical Trend Analysis for particular VOC compounds that are detected on regular basis at the Landfill. These trend analyses are for all the monitoring locations including those wells installed in 2010.

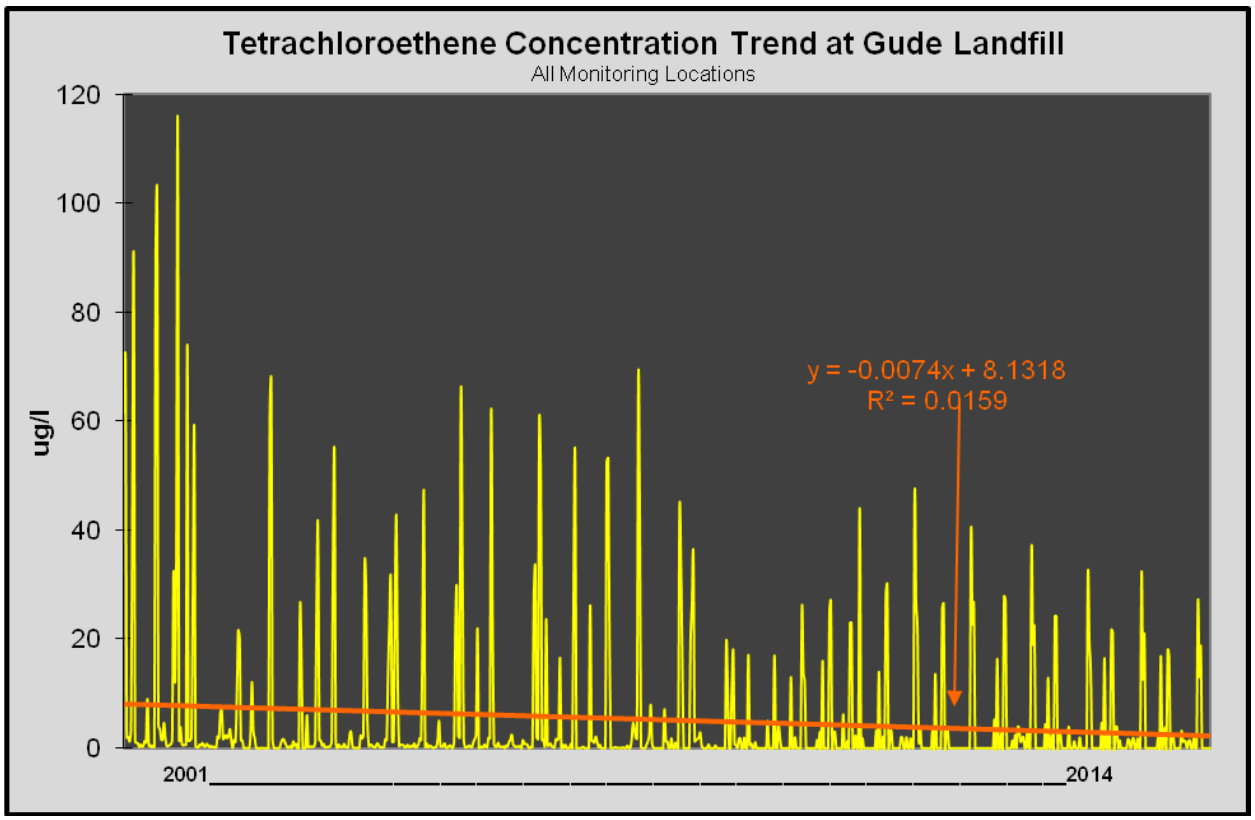
(Please refer to Tables 1 and 2 for additional information.)

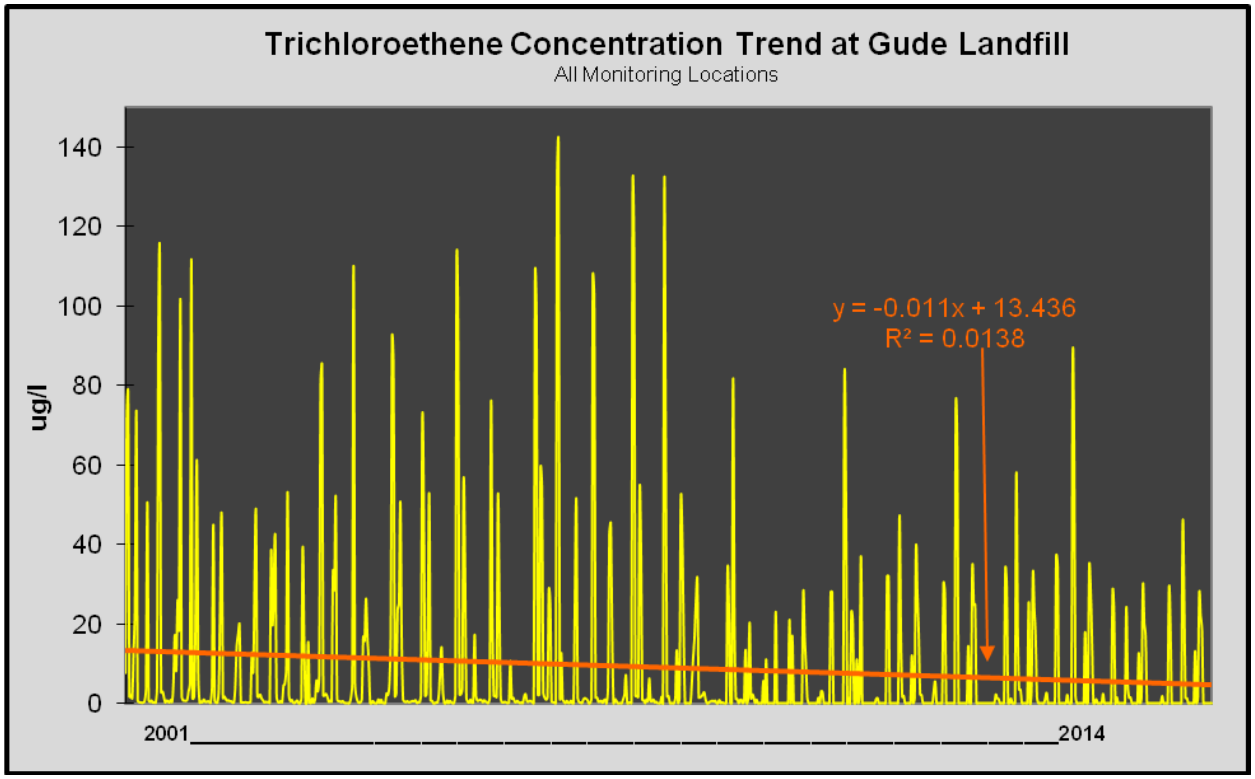


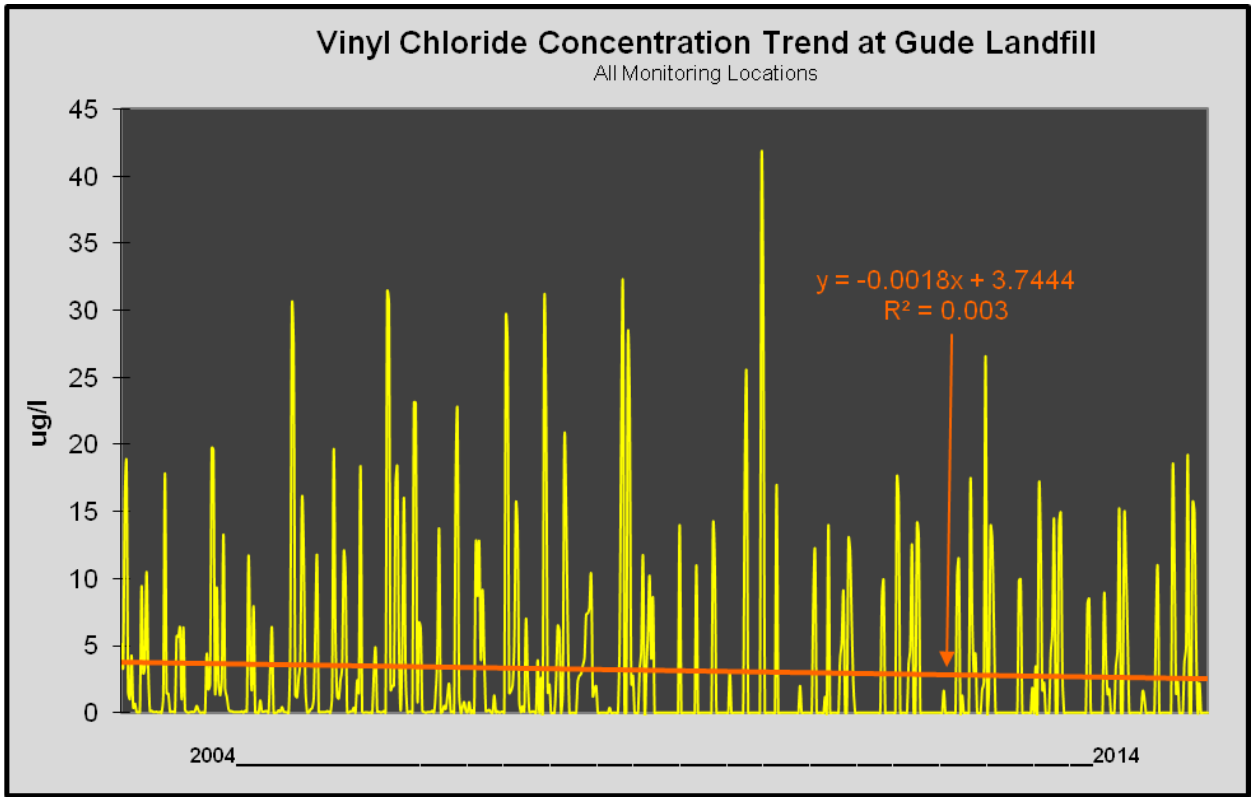

1,2-Dichloropropane Concentration Trend at Gude Landfill
All Monitoring Locations
y = -0.0004x + 1.5346
R² = 0.0008
ug/l
18
16
14
12
10
8
6
4
2
0
2001
2014


Benzene Concentration Trend at Gude Landfill
All Monitoring Locations
y = -0.001x + 1.4382
R² = 0.0092
ug/l
20
18
16
14
12
10
8
6
4
2
0
2001
2014


cis-1,2-Dichloroethane Concentration Trend at Gude Landfill
All Monitoring Locations
y = -0.0089x + 22.853
R² = 0.0029
ug/l
200
180
160
140
120
100
80
60
40
20
0
2001
2014


Tetrachloroethene Concentration Trend at Gude Landfill
All Monitoring Locations
y = -0.0074x + 8.1318
R² = 0.0159
ug/l
120
100
80
60
40
20
0
2001
2014


Trichloroethene Concentration Trend at Gude Landfill
All Monitoring Locations
ug/l
140
120
100
80
60
40
20
0
y = -0.011x + 13.436
R² = 0.0138
2001
2014


Vinyl Chloride Concentration Trend at Gude Landfill
All Monitoring Locations
ug/l
45
40
35
30
25
20
15
10
5
0
y = -0.0018x + 3.7444
R² = 0.003
2004
2014

Appendix D

Tables of Metals

Results in (mg/l)

Table 3
Metals and Other Water Quality Parameters

Monitoring Location	Parameter	OB01	OB02	OB02A	OB03	OB03A	OB04	OB04A	OB06	OB07	OB07A	OB08	OB08A	OB10	OB102	OB105	OB11	OB11A	OB12	OB15	OB25	ST015
Gude Landfill - FALL 2014 Results	Alkalinity	77	66	37	227	257	265	144	182	196	114	227	219	132	1000	645	283	49	138	91	287	52
	Ammonia	ND	ND	ND	3.15	4.96	0.939	0.478	ND	ND	ND	ND	0.247	ND	12.3	6.8	ND	1	ND	ND	0.95	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.021**	ND
	Arsenic	ND	ND	ND	ND	ND	ND	**0.005**	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	**0.026**	ND
	Barium	0.276	0.064	0.436	0.536	0.419	0.291	0.068	0.193	0.033	0.046	0.132	0.077	0.07	0.366	0.337	0.032	0.185	0.022	0.094	0.624	0.029
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.116**	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.011**	ND	ND	ND	**0.115**	ND
	Calcium	89.2	23.6	91.2	60.2	58.6	169	121	130	124	80.2	57.1	47.6	56.6	109	166	138	97.3	36.5	11.6	61.9	20.1
	Chloride	411	44.8	383	194	213	462	530	365	243	240	39.5	50.4	159	520	336	417	329	77.4	10.3	80.2	30.7
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.057	ND	ND	ND	0.01	**0.305**	ND
	Cobalt	0.015	ND	ND	0.052	0.05	ND	ND	ND	ND	ND	0.007	0.015	0.008	0.069	0.044	ND	0.025	ND	0.017	0.336	ND
	COD	ND	ND	ND	19.7	21.1	38	34.6	41.5	15.9	21.3	ND	ND	10.7	147	75.3	37.5	29.4	ND	11.4	28.6	ND
	Copper	0.009	ND	ND	ND	ND	0.039	0.029	0.011	ND	ND	ND	ND	ND	0.05	0.096	0.007	0.007	ND	0.028	0.337	ND
	Iron	0.675	0.922	0.567	17.6	20.6	0.993	0.998	2.69	0.742	0.52	0.739	3.31	1.58	1.99	75.4	0.741	1.13	0.234	52.5	163	0.62
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.028**	ND	ND	ND	0.008	**0.122**	ND
	Magnesium	53	10.6	54.3	35.3	37.6	86.1	85.2	55.5	39.9	46	15.1	18.7	32.5	89.73	137	70.2	69.1	22.5	14.5	90.3	5.93
	Manganese	5.72	0.699	0.05	20.6	15	2.95	1.58	0.494	0.039	0.076	6.26	7.33	5.01	18	5.17	0.858	7.37	0.129	0.639	12.8	0.201
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	5E-04	7E-04	ND	ND	ND	ND	**0.004**	0.001	ND	ND	ND	2E-04	ND
	Nickel	0.039	ND	0.013	0.017	0.015	0.015	0.022	0.013	ND	ND	0.009	0.007	0.01	0.088	0.092	0.036	0.023	0.009	0.021	0.4	ND
	Nitrate	2.11	ND	0.614	ND	ND	ND	ND	0.609	1	0.942	ND	ND	ND	ND	ND	ND	ND	0.695	ND	0.756	ND
	pH	5.65	7.1	5.77	6.01	6.16	6.32	5.92	5.94	6.65	6.05	6.62	6.47	6.32	6.74	6.83	5.77	5.94	5.92	6.03	6.89	6.61
	Potassium	4.43	3.27	4.95	7.12	10	7.71	5.51	4.68	3.45	2.25	2.7	2.6	3.29	43	23.4	4.71	5.83	2.51	1.8	13.2	1.63
	Selenium	ND	ND	ND	ND	ND	0.021	0.023	0.013	0.008	0.009	ND	ND	ND	0.02	0.014	0.007	0.005	ND	ND	0.041	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.099	ND
	Sodium	95.4	10.3	36.8	43.6	60.1	73.1	89.6	91	22.6	24.2	24	29.4	21	504		77.7	99.7	25.1	30.6	38.4	12.3
	Spec. Cond.	1379	268	1249	980.6	1117	1840	1818	1490	1057	909	491.3	503.4	663.6	3129	2473	1627	1510	481.6	248.6	544	200
	Sulfate	28	5.54	22.9	23.4	34.3	27.9	14	92.6	32.5	28.4	4.32	ND	ND	69.4	287	11.7	15.4	11.6	69.1	37.2	4.59
	TDS	940	166	826	540	560	1168	1138	1034	824	752	322	306	466	2098	1608	1074	854	292	198	516	134
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.078	ND
	Total Hardness	472	118	498	370	190	762	684	584	508	416	236	218	292	684	924	606	544	208	102	354	74
	Turbidity	3.1	10.5	1.4	0	6.2	0	7.2	58.9	0.3	0	2.1	0.9	0.3	19.9	1070	0.3	0	0.9	48.1	37.6	NT
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.09	ND	ND	ND	ND	0.261	ND
	Zinc	0.017	0.008	0.01	0.017	0.013	0.011	0.026	0.028	0.009	0.008	0.011	0.009	0.009	0.019	0.391	0.042	0.019	0.01	0.183	0.962	0.006

NT: Not Tested
NS: Not Sampled
ND: Not Detected
Note: MCL exceedances are indicated in Red

Table 3
Metals and Other Water Quality Parameters

Monitoring Location	Parameter	ST120	ST65	ST70	ST80	MW1B	MW2A	MW2B	MW3A	MW3B	MW04	MW06	MW07	MW08	MW09	MW10	MW11A	MW11B	MW12	MW13A	MW13B
Gude Landfill - FALL 2014 Results	Alkalinity	60	174	82	41	43	28	23	13.5	105	51	201	259	187	30	4.6	31	73	75	36	221
	Ammonia	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.377	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.051	0.227	0.082	0.037	0.008	0.142	0.019	0.058	0.081	0.042	0.393	0.102	0.12	0.688	0.682	0.083	0.026	0.354	0.476	0.081
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.006**	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	27.6	23.5	37.7	15.8	7.68	6.29	5.48	5.5	33.3	35	90.2	81.6	64	10.1	50.6	12.9	17.6	19.7	26.8	85.2
	Chloride	77.4	89.2	76	40.9	2.6	3.73	4.06	3.1	ND	139	411	166	160	15.7	283	4.97	6.38	7.3	85.8	97.1
	Chromium	ND	0.023	0.011	ND	ND	0.036	ND	0.021	0.066	ND	ND	ND	ND	**0.128**	0.025	0.014	ND	0.044	0.034	ND
	Cobalt	ND	0.039	ND	ND	ND	0.017	ND	0.011	0.011	ND	0.466	0.01	ND	0.068	0.014	0.006	ND	0.021	0.034	ND
	COD	22.8	110	14.5	20.5	ND	ND	ND	ND	ND	ND	ND	35.8	11.8	ND	ND	ND	ND	ND	18.6	ND
	Copper	ND	0.027	0.006	ND	0.005	0.041	ND	0.028	0.047	ND	0.009	0.015	0.006	0.051	0.031	0.016	ND	0.078	0.075	ND
	Iron	1.03	17.8	0.498	0.852	0.992	17.3	ND	15.8	11.4	1.02	2.39	2.23	0.485	86.7	22.1	9.84	0.705	36.8	44	0.498
	Lead	ND	**0.024**	ND	ND	ND	**0.022**	ND	0.01	0.013	ND	ND	ND	ND	**0.065**	**0.019**	ND	ND	0.011	**0.022**	ND
	Magnesium	13.2	19.5	10.9	7.83	4.36	6.91	3.14	6.12	7.09	21.1	65	44.1	37.7	38.2	30.6	7.8	8.63	19.5	28.6	28.7
	Manganese	0.155	5.11	0.08	0.149	0.028	0.595	0.063	0.416	0.385	0.123	54.3	5.81	0.011	2.56	0.58	0.169	0.014	0.596	1.3	0.036
	Mercury	ND	ND	ND	ND	ND	7E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	2E-04
	Nickel	0.006	0.031	ND	ND	0.005	0.024	ND	0.02	0.065	0.008	0.053	0.009	ND	0.109	0.025	0.013	ND	0.039	0.036	ND
	Nitrate	0.539	1.078	0.869	0.534	ND	0.2	ND	ND	ND	0.566	ND	2.17	9.43	1.26	3.91	2.34	2.82	ND	1.286	2.91
	pH	6.62	8.07	9.41	7.6	6.35	6.56	5.22	6.13	7.32	6.24	5.85	6.27	6.81	5.5	5.16	5.76	6.56	5.96	5.34	6.28
	Potassium	2.77	15.2	12.3	2.6	1.14	5.83	1.47	3.56	3.55	2.79	3.97	4.17	10.8	30.3	6.43	2.34	0.946	8.02	11.6	3.45
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.008	ND	ND	0.008	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	24.5	75.9	30.7	14.9	7.31	5.02	4.25	3.28	17	28.3	89.8	48.2	91.5	9.44	90.2	4.7	9.22	8.05	13.3	17.7
	Spec. Cond.	377.9	563	447.1	211.2	78.3	55.7	55.1	33.1	146.9	498.8	1557	1005	964.7	108.1	983.8	101	171.5	159.4	83.3	716.8
	Sulfate	8.87	10.7	28.1	5.89	ND	ND	ND	ND	23.6	4.73	70.6	21	92.7	ND	18.8	6.37	ND	8.23	ND	10.5
	TDS	268	370	276	168	70	84	1164	74	256	370	96	650	624	72	680	78	108	134	288	454
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Hardness	130	158	148	76	42	30	28	38	118	194	632	418	316	46	236	58	86	88	148	342
	Turbidity	NT	NT	NT	NT	37.5		0.7	1.8	30.1	87	129.6	10.1	11.6	500	401	630	7.4	358.3	1349	0
	Vanadium	ND	0.028	ND	ND	ND	0.019	ND	0.021	0.014	ND	ND	ND	ND	0.117	0.027	0.017	ND	0.089	0.09	ND
	Zinc	0.006	0.086	0.01	0.008	0.014	0.086	0.011	0.064	0.061	0.011	0.046	0.012	0.009	0.398	0.09	0.034	ND	0.132	0.108	0.005

NT: Not Tested
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Table 4
Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location OB01	Alkalinity	NT	NT	NT	NT	NT	NT	NT	104	95	103	93	112	100	73	80	66	86	77
	Ammonia	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.1065	0.1459	0.1381	0.1348	0.1286	NT	0.1465	0.164	0.162	0.169	0.182	0.191	0.214	0.171	0.185	0.184	0.231	0.276
	Beryllium	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	64.9	67.6	68.2	76.2	73.8	81.24	69.1	73.3	73.4	86.6	89.2
	Chloride	NT	NT	NT	NT	NT	NT	NT	196	204	241	262	291	322	284	291	303	379	411
	Chromium	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0036	0.0051	0.0094	0.0039	0.0071	NT	ND	0.009	0.0084	0.0101	0.0147	0.0289	0.0219	0.00903	0.0111	0.00681	0.012	0.0148
	COD	NT	NT	NT	NT	NT	NT	NT	ND	ND	5.1	6.9	ND	5.4	ND	ND	ND	ND	ND
	Copper	0.0107	0.0069	0.0104	0.0071	0.0072	NT	ND	0.007	0.0096	0.0094	0.0063	0.00645	0.0119	0.00575	0.0148	0.00605	0.00623	0.00868
	Hardness	NT	NT	NT	NT	NT	NT	NT	330	320	350	364	390	420	342	346	356	440	472
	Iron	NT	NT	NT	NT	NT	NT	NT	ND	ND	0.469	0.837	0.515	1.6	0.386	0.458	0.541	0.55	0.675
	Lead	0.0025	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	0.0054	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	36	40.3	38.9	45.3	46.3	48.58	38.6	45	44	52.1	53
	Manganese	ND	1.231	NT	NT	NT	NT	NT	2.77	3.17	3.95	5.07	7.98	6.33	3.74	3.8	3.59	4.99	5.72
	Mercury	ND	ND	0.0004	ND	ND	NT	ND	ND	ND	ND	ND	ND	0.00036	ND	ND	ND	ND	ND
	Nickel	0.0131	0.0177	0.0194	0.0182	0.0152	NT	0.0182	0.026	0.0264	0.0304	0.0307	0.0381	0.0406	0.0319	0.0324	0.0258	0.0313	0.0387
	Nitrate	NT	NT	NT	NT	NT	NT	NT	1.67	1.94	1.907	1.79	1.34	1.56	2.13	2.21	2.28	2.28	2.11
	pH	NT	NT	NT	NT	NT	NT	NT	5.82	5.08			5.51	5.62	5.14	5.87	5.46	5.67	5.65
	Potassium	NT	NT	NT	NT	NT	NT	NT	3.52	3.64	3.36	3.81	3.78	4.57	3.85	4.55	3.95	4.35	4.43
	Selenium	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	47.4	54.5	51.8	58.2	66.3	77.79	57.2	73.6	63.5	94.1	95.4
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	855.9	920.7			980.9	1218	1060	1223	1052	1293	1379
	Sulfate	NT	NT	NT	NT	NT	NT	NT	26.4	24.9	26.6	26.8	28.8	26.1	24.2	22.3	25.7	26.5	28
	TDS	NT	NT	NT	NT	NT	NT	NT	776	912	1176	856	1116	876	856	980	840	758	940
	Thallium	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	0.186	0.18	0.98	1.96	NT	NT	NS	1.4	3.6	0	3.1
	Vanadium	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	0.0157	0.0084	0.0161	NT	0.012	ND	0.013	0.0107	0.0116	0.0128	0.0163	0.0112	0.0118	0.012	0.0133	0.0174

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Table 4
Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location OB02	Alkalinity	NT	NT	NT	NT	NT	NT	NT	67	57	72	70	72	68	68	67	65	67	66
	Ammonia	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.1508	0.2539	0.2817	0.2464	0.1635	0.1338	0.1568	0.296	0.344	0.126	0.531	0.0771	0.0702	0.427	0.05	0.0524	0.0575	0.0636
	Beryllium	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	60.6	73.9	39.1	72.2	28.2	28.37	103	20.9	23.6	23.3	23.6
	Chloride	NT	NT	NT	NT	NT	NT	NT	212	264	90	47.3	51.1	49.9	404	27.8	32.2	24.3	44.8
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	0.0049	0.0065	ND	ND	ND	ND	0.0057	0.0071	ND	0.0587	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	34.6	ND	ND	ND
	Copper	0.0101	0.0054	0.008	0.0192	0.0052	0.0074	0.0055	0.006	0.0103	0.0069	ND	ND	0.00631	ND	0.0106	ND	0.00863	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	350	376	169	130	125	116	500	86	98	106	118
	Iron	NT	NT	NT	NT	NT	NT	NT	2.66	2.59	0.818	25.2	0.768	1.18	0.586	0.725	1.01	3.27	0.922
	Lead	0.0022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	32.2	43.3	17.7	59.3	12.1	11.97	59	9.45	9.94	9.4	10.6
	Manganese	0.1466	1.314	NT	NT	NT	NT	NT	1.21	1.34	1.24	10.1	0.876	0.919	0.0582	0.6	0.623	0.686	0.699
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0022	0.0047	0.0088	0.0062	0.0028	ND	0.0021	0.0082	0.011	ND	0.0168	ND	ND	0.0141	ND	ND	0.00559	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	0.575	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	8.27	5.35			6.71	6.94	6.6	7.16	6.74	6.85	7.1
	Potassium	NT	NT	NT	NT	NT	NT	NT	5.91	7.07	4.43	13.7	3.99	3.76	5.69	3.33	3.25	3.48	3.27
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	22.6	30.6	17.8	111	11	15.64	34.5	14.8	10.2	10	10.3
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	665	910.3			318.1	302.2	261.2	252.9	229.3	199	268
	Sulfate	NT	NT	NT	NT	NT	NT	NT	13.5	14.9	7.38	4.24	5.87	4.51	20.2	5.14	4.79	4.96	5.54
	TDS	NT	NT	NT	NT	NT	NT	NT	780	1008	388	336	1264	252	1124	152	174	178	166
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	10.3	6.4	2.6	33.3	NT	NT	NS	7.5	35.3	83.2	10.5
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	0.017	0.0176	0.0049	0.0074	0.0091	ND	0.0187	0.00533	0.00773	0.00643	0.00627	0.0086	ND	0.00616	0.0162	0.00818

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Table 4
Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location OB02A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	38	36	40	35	36	36	33	33	34	33	37
	Ammonia	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	NT	0.0033	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.1035	0.2976	0.2861	0.1479	0.2413	0.1676	0.2743	0.354	0.297	0.345	0.349	0.397	0.356	0.0568	0.385	0.439	0.399	0.436
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	77.5	76.4	87.1	82.9	96.3	94	24.7	90.3	112	88.9	91.2
	Chloride	NT	NT	NT	NT	NT	NT	NT	280	286	310	302	350	334	36	335	419	359	383
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Copper	0.0137	0.0057	0.0062	0.0103	0.0045	0.0061	0.0064	0.0054	0.0075	0.0077	0.0053	ND	0.00507	ND	0.0112	ND	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	390	353	420	391	463	414	112	426	520	444	498
	Iron	NT	NT	NT	NT	NT	NT	NT	0.414	0.6	0.682	ND	0.58	0.396	0.793	0.486	0.521	0.574	0.567
	Lead	0.0031	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	46.4	44.4	52.3	53.4	59.1	53.1	10.6	52.4	66.7	49.2	54.3
	Manganese	0.0128	NT	NT	NT	NT	NT	NT	0.0381	0.0382	0.0449	0.0513	0.0465	0.0449	0.718	0.0418	0.0548	0.0469	0.0503
	Mercury	0.0013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.006	0.0061	0.0082	0.0092	0.0059	0.0077	0.0073	0.0122	0.0099	0.012	0.011	0.0114	0.0135	ND	0.0116	0.0129	0.0148	0.0125
	Nitrate	NT	NT	NT	NT	NT	NT	NT	0.5894	0.582	0.589	0.543	0.576	0.582	ND	0.623	0.616	0.651	0.614
	pH	NT	NT	NT	NT	NT	NT	NT	5.75	4.77			5.09	5.41	5.25	5.7	5.34	5.33	5.77
	Potassium	NT	NT	NT	NT	NT	NT	NT	4.73	4.1	4.69	5.2	5.78	4.82	3.56	5.24	5.51	5.01	4.95
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	31.2	32.5	35	31.6	34.9	37.5	10.9	35.9	39.8	30.9	36.8
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	636.7	925.5			1263	1120	1386	1286	1327	1125	1249
	Sulfate	NT	NT	NT	NT	NT	NT	NT	22.4	16.2	25.4	17.8	21.5	18.4	4.91	19.3	22.2	22.5	22.9
	TDS	NT	NT	NT	NT	NT	NT	NT	1088	1072	1192	288	68	824	176	796	1072	944	826
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	3.83	1.16	0.891	0.416	NT	NT	NS	0	0	1.62	1.4
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	0.0068	0.0156	ND	ND	0.0131	ND	0.00713	0.0081	0.00823	0.00783	0.00652	0.00607	0.00696	0.00883	0.00758	0.00972

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Table 4
Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location OB03	Alkalinity	NT	NT	NT	NT	NT	NT	NT	265	321	242	267	216	187	241	221	233	212	227
	Ammonia	NT	NT	NT	NT	NT	NT	NT	2.39	6.46	2.9	4.97	2.56	3.48	2.43	2.7	2.29	3.45	3.15
	Antimony	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0066	0.0023	0.0023	0.0046	0.004	ND	ND	0.0024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	1.101	0.6512	0.7963	0.9091	0.7536	0.5928	0.5995	0.588	0.856	0.592	0.736	0.58	0.697	0.571	0.573	0.598	0.554	0.536
	Beryllium	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	59.9	80.3	62.3	69	65.3	74.4	64.3	67.4	64.4	65.6	60.2
	Chloride	NT	NT	NT	NT	NT	NT	NT	134	193	155	220	163	222	169	192	157	201	194
	Chromium	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0593	0.0555	0.0674	0.0581	0.0556	0.053	0.0569	0.0643	0.0662	0.0659	0.0629	0.0554	0.0634	0.067	0.0531	0.0566	0.0526	0.0522
	COD	NT	NT	NT	NT	NT	NT	NT	13.6	34.9	10.1	28.8	16.8	24.3	18	17.8	13.2	15.6	19.7
	Copper	0.0093	0.0499	0.0064	0.0113	0.0066	0.0077	0.0978	0.0063	0.0084	0.0124	0.0076	ND	0.0082	ND	0.0113	ND	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	690	700	400	3600	410	400	360	348	330	420	370
	Iron	NT	NT	NT	NT	NT	NT	NT	28.8	34.6	25	23.6	22.19	23.68	21.7	21.8	20.6	19	17.6
	Lead	0.0031	**0.02**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	33.2	52.8	35.6	47.1	41.1	42.7	37	35.2	38.6	37.4	35.3
	Manganese	20.7743	16.74	NT	NT	NT	NT	NT	18.5	18.8	21.3	18.5	19	19.6	18.8	19.5	19.4	17.3	20.6
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00025	ND	ND	0.00047	ND	ND
	Nickel	0.0171	0.0408	0.019	0.0175	0.0168	0.0142	0.09	0.0183	0.0167	0.0197	0.0176	0.0164	0.0215	0.0217	0.0174	0.0188	0.0176	0.0165
	Nitrate	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	6.19	4.74			5.97	5.78	5.15	5.93	5.84	5.73	6.01
	Potassium	NT	NT	NT	NT	NT	NT	NT	10.2	10.9	6.94	10.1	7	7.95	6.77	9.31	5.77	8.52	7.12
	Selenium	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	0.00545	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	0.0154	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	NT	ND	35.9	92.8	41.6	74.2	44.2	58.9	35.7	43.8	35.7	53.8	43.6
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	902	1405			814.1	1140	960.6	1138	887.2	1025	980.6
	Sulfate	NT	NT	NT	NT	NT	NT	NT	8.84	31.4	16.7	41.4	22	28.5	13.1	18.6	16.8	36.2	23.4
	TDS	NT	NT	NT	NT	NT	NT	NT	564	984	676	784	804	888	604	572	568	602	540
	Thallium	ND	ND	ND	ND	0.0015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	11	24.4	22.9	2.81	NT	NT	NS	0	0	1.18	0
	Vanadium	ND	0.0219	ND	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	0.0126	0.0253	0.0208	ND	0.0336	ND	0.0118	0.0165	0.0148	0.0141	0.0175	0.0148	0.0142	0.0154	0.0137	0.0166

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Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location OB03A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	317	461	270	340	226	266	268	338	260	278	257
	Ammonia	NT	NT	NT	NT	NT	NT	NT	6.47	8.93	4.35	7.91	5.09	6.15	4.51	6.67	4.18	6.76	4.96
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0021	0.0033	0.0046	0.008	0.0032	**0.0106**	ND	0.0036	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.4668	0.6407	0.9942	0.658	0.5139	0.5699	0.593	0.568	0.421	0.581	0.0796	0.529	0.51	0.495	0.435	0.543	0.376	0.419
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.0022	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	69.4	91.6	66	24.8	68.5	76	62.3	70.9	67.2	62.8	58.6
	Chloride	NT	NT	NT	NT	NT	NT	NT	194	164	176	239	193	245	185	229	177	217	213
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0584	0.0658	0.084	0.0608	0.0609	0.0617	0.063	0.0698	0.0458	0.0684	ND	0.0563	0.057	0.0672	0.0441	0.0561	0.047	0.0496
	COD	NT	NT	NT	NT	NT	NT	NT	19.1	38.5	12.1	35	22.5	31.1	19.5	52.1	17.5	19	21.1
	Copper	0.0089	0.0054	0.0101	0.0079	0.0056	0.0083	ND	0.0064	0.0084	0.008	0.0108	ND	0.00958	ND	0.011	ND	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	700	670	360	580	375	420	350	400	360	560	190
	Iron	NT	NT	NT	NT	NT	NT	NT	39.4	49.3	31	2.71	29.71	29.85	26.5	29.6	25.6	20.7	20.6
	Lead	0.0026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	14.2709	15.08	NT	NT	NT	NT	NT	44.4	66.8	41.6	15.8	48.7	52.7	39.3	51.4	43	44.4	37.6
	Manganese	NT	NT	NT	NT	NT	NT	NT	13.3	6.35	16.4	0.982	14.2	13.7	15.4	11.2	16	8.71	15
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0132	0.0164	0.0219	0.0166	0.0164	0.0166	0.016	0.02	0.0157	0.0194	ND	0.0158	0.0185	0.021	0.0142	0.0181	0.0162	0.015
	Nitrate	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	5.76	4.98			6.03	6.04	5.2	6.29	5.34	6.03	6.16
	Potassium	NT	NT	NT	NT	NT	NT	NT	12.4	19.2	9.18	4.68	9.64	13.1	9.64	16.6	8.17	15	10
	Selenium	ND	ND	0.003	ND	ND	ND	ND	0.0024	ND	ND	ND	ND	0.00586	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	70.3	132	58.5	14.4	70.5	91	52.2	97.8	55.7	83.7	60.1
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	1023	1661			975.1	1379	1082	1517	998.1	1220	1117
	Sulfate	NT	NT	NT	NT	NT	NT	NT	33.5	75.4	26.9	58.4	31.5	41.8	21.2	36	29.7	59.7	34.3
	TDS	NT	NT	NT	NT	NT	NT	NT	780	1112	704	980	888	952	632	796	578	724	560
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	39.4	271	13.3	13.6	NT	NT	NS	1.8	3.8	2.86	6.2
	Vanadium	0.0011	0	0.0003	0.0113	0.0021	0.0036	0.0005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	0.0064	0.017	0.0134	0.0272	0.0272	0.0182	0.0182	0.011	0.00872	0.0131	0.0147	0.0089	0.0142	0.00986	0.00638	0.0117	0.00736	0.0129

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Table 4
Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location OB04	Alkalinity	NT	NT	NT	NT	NT	NT	NT	221	242	255	238	242	261	248	244	249	248	265
	Ammonia	NT	NT	NT	NT	NT	NT	NT	0.328	0.542	0.514	0.695	0.673	0.667	0.771	0.733	0.666	0.782	0.939
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	0.0034	ND	0.0055	ND	ND	0.00907	0.00857	0.00926	ND	0.00882	ND
	Barium	0.1065	0.2328	0.2276	0.222	0.1991	0.2255	0.2468	0.261	0.254	0.255	0.264	0.255	0.281	0.247	0.274	0.265	0.294	0.291
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	154	160	159	154	157	173	157	151	164	175	169
	Chloride	NT	NT	NT	NT	NT	NT	NT	412	193	424	433	416	473	448	449	455	453	462
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	26.3	25.2	29.8	30.7	29.2	34.1	26.7	31.3	23.7	34.8	38
	Copper	0.0123	0.0316	0.0323	0.029	0.0088	0.0087	0.0311	0.0344	0.0388	0.0418	0.0367	0.0314	0.0377	0.0353	0.0475	0.0354	0.0382	0.0393
	Hardness	NT	NT	NT	NT	NT	NT	NT	670	610	680	717	705	714	712	730	740	742	762
	Iron	NT	NT	NT	NT	NT	NT	NT	0.343	1.13	1.2	ND	0.92	0.804	0.824	0.751	0.729	0.921	0.993
	Lead	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	75.1	83.7	81	88.1	89.1	88.9	76.6	78.1	82	88.3	86.1
	Manganese	0.1073	1.2	NT	NT	NT	NT	NT	1.32	1.81	1.84	1.94	2.03	2.07	2.28	2.55	2.59	2.63	2.95
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0095	0.0091	0.0105	0.0102	0.0106	0.0118	ND	0.0137	0.0124	0.0145	0.0132	0.0115	0.0178	0.0179	0.0204	0.0139	0.0174	0.0149
	Nitrate	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	6.71	5.3			5.88	5.65	5.67	6.22	6.12	6.17	6.32
	Potassium	NT	NT	NT	NT	NT	NT	NT	6.32	6.52	6.45	7.29	7.18	7.03	7.72	8.21	7.21	7.74	7.71
	Selenium	0.0047	0.0033	0.0072	0.007	0.005	0.0058	ND	0.0167	0.0066	0.0219	0.0193	0.0144	0.032	0.0321	0.037	0.0212	0.0303	0.0208
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	71	77.6	73.8	74.4	74.3	73.3	63.2	66.6	64.8	71.4	73.1
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	1673	1758			1503	1817	1828	2022	1737	1742	1840
	Sulfate	NT	NT	NT	NT	NT	NT	NT	18.8	21.1	28.4	19.6	22.3	19.5	18.3	16.1	21	22.8	27.9
	TDS	NT	NT	NT	NT	NT	NT	NT	1348	1772	1760	1428	1736	1632	1432	1600	1304	1256	1168
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	1.07	0.24	0.632	0.421	NT	NT	NS	0	0	1.02	0
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	0.007	0.0058	0.0167	ND	0.0138	ND	0.00761	0.00779	0.00828	0.00744	0.00692	0.00885	0.00793	0.00797	0.00999	0.0109

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Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location OB04A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	125	142	135	133	127	129	123	129	127	133	144
	Ammonia	NT	NT	NT	NT	NT	NT	NT	0.301	0.366	0.281	0.379	0.316	0.218	0.299	0.285	0.229	0.309	0.478
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	0.0036	ND	0.0061	0.0053	ND	**0.0105**	**0.0107**	**0.0105**	0.00555	**0.0106**	0.00509
	Barium	0.0408	0.0441	0.0432	0.0445	0.0453	0.049	0.0512	0.0542	0.0555	0.0539	0.0579	0.0555	0.0614	0.0553	0.0622	0.0612	0.0681	0.0681
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	109	116	113	117	118	124	118	126	123	142	121
	Chloride	NT	NT	NT	NT	NT	NT	NT	438	311	468	473	460	531	501	498	501	512	530
	Chromium	ND	0.0022	ND	0.0026	ND	ND	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	31.3	26.4	29.5	39.3	27.5	33	33.3	28.8	65.6	27.6	34.6
	Copper	0.026	0.0248	0.0227	0.0261	0.03	0.027	0.0288	0.0328	0.0321	0.0324	0.0283	0.0236	0.0295	0.0256	0.0364	0.0284	0.0281	0.0291
	Hardness	NT	NT	NT	NT	NT	NT	NT	570	550	600	592	602	622	598	604	616	640	684
	Iron	NT	NT	NT	NT	NT	NT	NT	0.998	1.57	1.24	0.636	0.712	1.12	0.615	0.806	0.932	1.05	0.998
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	71.9	86.1	80.3	94.8	85.5	88.8	81	89.6	85.5	98.8	85.2
	Manganese	0.6662	0.6592	NT	NT	NT	NT	NT	0.969	1.07	1.13	1.12	1.1	1.01	1.12	1.23	1.48	1.32	1.58
	Mercury	ND	ND	ND	ND	0.0004	ND	ND	0.0003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0142	0.0148	0.0152	0.0157	0.0164	0.0172	0.0159	0.021	0.0194	0.0207	0.0193	0.017	0.0234	0.0239	0.0255	0.021	0.0238	0.0219
	Nitrate	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	5.82	4.84			5.43	5.57	5.29	5.85	5.69	5.77	5.92
	Potassium	NT	NT	NT	NT	NT	NT	NT	4.93	5.25	4.92	5.92	4.99	5.73	5.42	5.96	5.15	5.38	5.51
	Selenium	0.0053	0.0032	0.0074	0.0085	0.0077	0.0064	ND	0.0174	0.0071	0.0243	0.0223	0.0161	0.0373	0.0391	0.0434	0.0239	0.0358	0.0233
	Silver	ND	ND	ND	ND	0.0026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	89.1	101	91.9	100	91.1	95	89	100	90.4	106	89.6
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	1943	1678			1438	1752	1785	1985	1697	1720	1818
	Sulfate	NT	NT	NT	NT	NT	NT	NT	12.1	12.9	12.8	11.5	11	11.1	11.5	9	11.7	12	14
	TDS	NT	NT	NT	NT	NT	NT	NT	1200	1764	1672	1356	1636	1508	1476	1596	1262	1242	1138
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	10.3	16.8	16.3	5.83	NT	NT	NS	12.3	18.2	14.1	7.2
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	0.0166	0.017	0.0201	0.0273	0.0321	0.024	0.0227	0.0214	0.021	0.0204	0.0227	0.0222	0.0228	0.0227	0.0239	0.026

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Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location OB06	Alkalinity	NT	NT	NT	NT	NT	NT	NT	150	170	220	145	156	175	161	178	188	203	182
	Ammonia	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	0.389	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	0.0034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	0.003	0.0027	ND	0.0027	ND	ND	0.0032	ND	0.0067	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.2245	0.2017	0.195	0.4262	0.1607	0.17	0.1941	0.196	0.267	0.507	0.536	0.195	0.221	0.19	0.196	0.18	0.205	0.193
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	148	147	126	145	137.5	142	148	135	136	146	130
	Chloride	NT	NT	NT	NT	NT	NT	NT	356	222	360	356	350	383	374	382	376	373	365
	Chromium	ND	0.0104	ND	0.0768	ND	ND	0.0127	0.0021	0.021	**0.127**	0.0199	ND	0.0133	0.00631	ND	ND	0.00725	ND
	Cobalt	0.0047	0.0063	0.0049	0.0251	0.0052	0.0052	ND	0.0059	0.0111	0.0326	0.0101	ND	0.00694	0.00655	ND	ND	0.00565	ND
	COD	NT	NT	NT	NT	NT	NT	NT	68	55.1	31.5	38.9	32.9	44	38.1	43	36.2	44.6	41.5
	Copper	0.0082	0.0192	0.0083	0.1077	0.0096	0.0101	0.0117	0.0116	0.0327	0.207	0.0444	0.00681	0.0309	0.015	0.0158	0.00908	0.0164	0.0106
	Hardness	NT	NT	NT	NT	NT	NT	NT	580	560	550	553	552	582	566	582	584	632	584
	Iron	NT	NT	NT	NT	NT	NT	NT	1.7	29.2	111	15.5	1.05	12.2	5.07	1.17	1.4	7.3	2.69
	Lead	ND	0.0048	ND	**0.0491**	ND	ND	ND	ND	0.0126	**0.0503**	**0.0474**	ND	0.0081	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	56.6	64.4	78.8	63	55.9	61.3	61.1	55.3	54.7	61.9	55.5
	Manganese	0.4181	0.4954	NT	NT	NT	NT	NT	0.482	0.668	1.57	0.862	0.487	0.592	0.589	0.496	0.481	0.557	0.494
	Mercury	ND	ND	ND	0.0005	0.0003	ND	ND	ND	**0.00286**	0.00149	**0.00852**	0.00087	0.00054	0.00041	ND	ND	0.00051	ND
	Nickel	0.0138	0.0204	0.0139	0.0805	0.0129	0.0129	0.02	0.0166	0.0349	0.131	0.0245	0.0112	0.0207	0.0184	0.0126	0.0114	0.0151	0.0129
	Nitrate	NT	NT	NT	NT	NT	NT	NT	0.6869	0.6679	0.87	0.758	0.786	0.708	0.674	0.554	0.559	0.486	0.609
	pH	NT	NT	NT	NT	NT	NT	NT	5.62	5.69			5.51	5.76	5.42	6.03	5.7	5.96	5.94
	Potassium	NT	NT	NT	NT	NT	NT	NT	4.82	6.71	28.8	6.2	4.72	7.39	5.52	6.2	4.75	5.57	4.68
	Selenium	0.0118	0.0088	0.0094	ND	0.0095	0.0088	ND	0.0147	0.008	0.023	0.0201	0.0122	0.0121	0.0151	0.0169	0.0124	0.0117	0.0134
	Silver	NT	ND	ND	ND	ND	ND	ND	ND	0.0088	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	83.3	92	70.4	80.3	81	94.3	88.7	92.2	87.3	105	91
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	1564	1571			1289	1600	1618	1247	1537	1567	1490
	Sulfate	NT	NT	NT	NT	NT	NT	NT	82.9	85.1	81.7	85.7	93.7	76.8	89.6	86.5	101	89.8	92.6
	TDS	NT	NT	NT	NT	NT	NT	NT	1116	1388	1784	1192	960	1156	1224	1124	1150	982	1034
	Thallium	ND	ND	ND	**0.0031**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	21.7	533	3329	3800	NT	NT	NS	44.6	38.5	206	58.9
	Vanadium	ND	0.0069	ND	0.0724	ND	ND	ND	ND	0.0204	0.133	0.0213	ND	0.0148	ND	ND	ND	0.00736	ND
	Zinc	NT	0.036	0.2789	0.031	0.0321	0.0414	0.0414	0.0321	0.116	0.372	0.0997	0.0213	0.0545	0.0385	0.021	0.0208	0.0357	0.0283

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Table 4
Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location OB07	Alkalinity	NT	NT	NT	NT	NT	NT	NT	163	161	184	175	169	176	172	178	181	191	196
	Ammonia	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0938	0.0172	0.0928	0.0903	0.0511	0.0406	0.0252	0.025	0.0414	0.0333	0.0256	0.0257	0.0261	0.0265	0.0338	0.0287	0.029	0.0325
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	99.5	105	102	114	112.5	108	113	115	123	127	124
	Chloride	NT	NT	NT	NT	NT	NT	NT	150	48.8	171	193	194	199	202	222	223	226	243
	Chromium	ND	ND	ND	0.0034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	ND	13.6	ND	14	5.2	11.7	ND	11.2	ND	14.3	15.9
	Copper	0.005	0.0057	0.0053	0.0137	0.0033	0.008	ND	0.0062	0.0126	0.0132	ND	ND	0.00909	0.00561	0.0135	ND	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	331	350	360	407	409	412	410	434	452	494	508
	Iron	NT	NT	NT	NT	NT	NT	NT	0.262	1.07	2.14	1.08	0.659	0.957	0.837	1.78	0.564	0.699	0.742
	Lead	ND	ND	ND	0.0031	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	26.1	29.7	28.5	35.2	34.8	33.6	33.3	33.9	37.7	40.3	39.9
	Manganese	0.0772	0.0479	NT	NT	NT	NT	NT	0.0317	0.281	0.221	0.0338	0.0369	0.113	0.0724	0.0827	0.0415	0.0394	0.039
	Mercury	ND	0.0003	ND	ND	ND	ND	ND	ND	ND	0.00028	0.00049	0.00031	0.00029	0.00053	0.00038	0.00039	0.00051	0.00048
	Nickel	0.0022	ND	0.0024	0.0056	0.0022	ND	ND	0.0047	0.0057	ND	ND	ND	ND	ND	ND	0.00568	ND	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	0.5482	0.5966	0.658	0.861	0.819	0.8232	0.8309	0.8996	0.96	0.9667	1
	pH	NT	NT	NT	NT	NT	NT	NT	7.04	5.95			6.34	6.55	6.17	6.74	6.41	6.58	6.65
	Potassium	NT	NT	NT	NT	NT	NT	NT	3.07	3.23	3.13	3.24	3.42	3.4	3.54	4.66	3.47	3.3	3.45
	Selenium	0.0042	ND	0.0029	0.0054	0.0028	ND	ND	0.0044	ND	0.0058	0.0071	0.00658	0.00506	0.00714	0.00865	0.0064	0.00629	0.00837
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	21.4	23.3	21.9	21.3	20.8	24.5	19.5	22.9	20.8	22.1	22.6
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	760	828.1			806.2	937.2	973.5	1115	992.5	1025	1057
	Sulfate	NT	NT	NT	NT	NT	NT	NT	13.4	15.2	19.2	20.4	21	20.2	23	24.1	24.6	27.9	32.5
	TDS	NT	NT	NT	NT	NT	NT	NT	644	764	1068	800	984	708	828	666	724	624	824
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	0.283	14.3	40.7	0.939	NT	NT	NS	42.5	0	1.23	0.3
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	0.0075	0.023	ND	ND	ND	ND	ND	0.0126	0.0112	ND	0.00576	0.00575	0.00624	0.00752	0.00539	ND	0.00858

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location OB07A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	124	92	115	112	115	122	119	112	120	118	114
	Ammonia	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0616	0.0265	0.0313	0.0506	0.0643	0.0864	0.0419	0.0431	0.0693	0.037	0.0401	0.0432	0.0405	0.0485	0.045	0.0455	0.0458	0.0463
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	91.8	55.8	72	86.5	90	82.9	94.3	87.3	93.6	93.5	80.2
	Chloride	NT	NT	NT	NT	NT	NT	NT	235	74.5	205	216	246	244	265	255	268	260	240
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	0.0025	0.0027	ND	ND	ND	0.0059	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	17.8	6.1	9.7	16.5	10	16.9	15	17.3	12.8	18.2	21.3
	Copper	0.0114	0.0051	0.0055	0.0113	0.0092	0.0116	ND	0.0058	0.0128	0.0078	ND	ND	0.00594	ND	0.0116	0.0055	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	420	205	350	390	424	408	436	420	448	450	416
	Iron	NT	NT	NT	NT	NT	NT	NT	0.239	ND	0.5	0.819	0.538	0.458	0.576	0.615	0.43	0.533	0.52
	Lead	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	51.2	21.7	41.6	49.3	52.5	48.3	50.2	48.9	51.9	52.9	46
	Manganese	0.1168	0.0692	NT	NT	NT	NT	NT	0.0592	0.753	0.0954	0.07	0.0716	0.0676	0.0891	0.0753	0.0704	0.0665	0.0762
	Mercury	ND	0.0009	0.0007	0.0005	0.0005	0.0004	0.0009	0.001	0.00026	0.00047	0.00075	0.00056	0.00107	0.00116	0.00068	0.00071	0.00085	0.00072
	Nickel	0.0044	0.0023	0.0039	0.0059	0.0043	0.0041	ND	0.006	0.0099	ND	ND	ND	ND	0.00528	ND	0.00656	ND	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	0.8907	ND	0.9	0.902	0.891	0.97	0.97	1	1	0.97	0.942
	pH	NT	NT	NT	NT	NT	NT	NT	6.51	5.94			5.6	5.86	5.81	6.05	5.7	5.94	6.05
	Potassium	NT	NT	NT	NT	NT	NT	NT	2.66	7.32	2.56	2.3	2.44	2.45	2.8	3.12	2.55	2.45	2.25
	Selenium	0.0042	ND	0.0034	0.0044	0.0032	ND	ND	0.0083	ND	0.0064	0.0095	0.00935	0.00589	0.00838	0.00869	0.00894	0.00692	0.00927
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	30.2	23.8	26.1	25.6	26.3	28.6	24.8	27.1	24.9	26.1	24.2
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	706.7	565.4			860.9	994.7	1082	1157	1016	996.9	909
	Sulfate	NT	NT	NT	NT	NT	NT	NT	22.4	3.38	21.6	22.6	28	24.3	24.6	27.5	31	30.6	28.4
	TDS	NT	NT	NT	NT	NT	NT	NT	784	492	1176	796	872	748	856	718	774	590	752
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	0.317	6.85	1.55	0.579	NT	NT	NS	0	0.75	0.99	0
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	0.0065	0.0086	ND	ND	ND	ND	0.0136	0.0079	0.00516	ND	ND	0.0057	ND	0.0066	ND	0.00834

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location OB08	Alkalinity	NT	NT	NT	NT	NT	NT	NT	229	245	248	230	230	239	223	224	219	219	227
	Ammonia	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0114	0.1281	0.1163	0.1146	0.0822	0.0288	0.1309	0.137	0.126	0.118	0.116	0.128	0.129	0.129	0.132	0.126	0.125	0.132
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	63.5	71.1	65.9	62.7	67.1	70.8	68.2	66.6	65.3	54.3	57.1
	Chloride	NT	NT	NT	NT	NT	NT	NT	34.7	31.2	32.8	34.2	46.1	42.8	47.4	45.5	47.7	44.7	39.5
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	0.0084	0.0078	0.0069	0.0034	ND	ND	0.0052	0.0064	0.0064	0.007	0.00803	0.00789	0.00841	0.00798	0.00648	0.00647	0.00692
	COD	NT	NT	NT	NT	NT	NT	NT	ND	4.9	ND	ND	ND	9.9	ND	ND	ND	ND	ND
	Copper	0.0073	0.0062	0.006	0.0061	0.0045	0.008	ND	0.0043	0.0073	0.006	0.006	ND	ND	ND	ND	ND	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	228	250	300	265	144	236	234	232	230	232	236
	Iron	NT	NT	NT	NT	NT	NT	NT	0.301	0.675	0.647	0.718	0.797	0.74	0.774	0.575	0.676	0.692	0.739
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	5.08	5.08	5.08	5.08	5.08	5.08	5.08	12.9	16.6	14.9	17	16.8	17.7	17	15.9	16.5	17.6	15.1
	Manganese	0.2417	8.924	NT	NT	NT	NT	NT	6.29	7.07	7.18	6.56	7.228	6.84	7.26	6.89	6	5.84	6.26
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0021	0.0081	0.0089	0.0082	0.0039	ND	ND	0.0083	0.0081	0.0083	0.0077	0.0085	0.00877	0.0107	0.0111	0.00755	0.00699	0.00892
	Nitrate	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	7.04	5.41			5.85	6.22	6.04	6.54	6.18	6.18	6.62
	Potassium	NT	NT	NT	NT	NT	NT	NT	2.81	2.87	2.63	2.91	2.86	2.85	2.95	2.48	2.71	2.61	2.7
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	27.2	31.6	28	28.7	27.4	28	25.4	26.3	26.4	20.1	24
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	523.1	528.2			476.3	559.9	566.8	603.6	516.5	499.8	491.3
	Sulfate	NT	NT	NT	NT	NT	NT	NT	7.54	4.91	4.83	ND	ND	4.76	4.11	5.27	5.68	5.8	4.32
	TDS	NT	NT	NT	NT	NT	NT	NT	284	340	384	280	344	348	352	270	392	322	322
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	0.266	0.77	0.485	0.735	NT	NT	NS	0	0	1.08	2.1
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	0.0057	0.0039	0.0048	ND	ND	ND	ND	ND	ND	0.00765	0.00658	0.00607	0.00624	0.00571	0.00571	0.00666	0.0106

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Monitoring Location OB08A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	228	233	226	220	218	221	216	219	214	218	219
	Ammonia	NT	NT	NT	NT	NT	NT	NT	ND	0.299	ND	ND	ND	ND	ND	ND	ND	0.222	0.247
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	0.0026	0.003	0.0022	ND	ND	ND	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0087	0.0974	0.1007	0.082	0.0894	ND	0.0669	0.0815	0.0919	0.0779	0.099	0.0689	0.0735	0.068	0.0674	0.0648	0.0677	0.077
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	59.4	52.6	52.9	58.1	54.4	53.3	54.7	54.9	52.4	47.1	47.6
	Chloride	NT	NT	NT	NT	NT	NT	NT	67.4	39.9	58.2	45.4	63.3	55.5	65.4	63.8	68	59.9	50.4
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	0.0184	0.0171	0.0177	0.0094	ND	0.0167	0.0186	0.0135	0.0175	0.0146	0.0173	0.0171	0.0189	0.0189	0.0161	0.0153	0.0149
	COD	NT	NT	NT	NT	NT	NT	NT	ND	39.2	5.3	10.2	ND	8.6	ND	ND	ND	ND	ND
	Copper	0.0078	0.0083	0.0059	0.0058	0.0041	0.0061	ND	0.0051	0.0067	0.0061	0.006	ND	0.00802	ND	ND	ND	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	570	330	300	370	190	252	240	230	240	236	218
	Iron	NT	NT	NT	NT	NT	NT	NT	3.85	3.33	3.35	3.69	3.05	3.44	3.93	3.38	3.94	3.06	3.31
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	23.2	19.2	19.3	20.3	22	21.8	21.8	21.8	21.6	17.9	18.7
	Manganese	0.2202	9.787	NT	NT	NT	NT	NT	8.16	7.9	8.23	8.57	7.484	7.53	8.27	8.12	7.16	6.94	7.33
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0026	0.0106	0.0088	0.0083	0.0054	0.0095	ND	0.0095	0.0068	0.0079	0.0071	0.00745	0.00751	0.01	0.00968	0.00718	0.0066	0.00738
	Nitrate	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	6.65	5.49			5.96	6.07	5.87	6.39	6.01	6.11	6.47
	Potassium	NT	NT	NT	NT	NT	NT	NT	2.82	2.73	2.52	2.77	2.8	2.79	2.99	2.85	2.91	2.72	2.6
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	37	34.7	31.7	30.8	31.8	32.9	30.7	30.7	30.1	24.7	29.4
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	579.9	541.9			502.5	579.1	600.1	649.1	547.9	536.7	503.4
	Sulfate	NT	NT	NT	NT	NT	NT	NT	3.85	3.04	5.74	ND	ND	ND	ND	ND	4.39	5.07	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	352	336	384	340	1240	364	364	288	388	316	306
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	1.69	3.8	0.528	1.36	NT	NT	NS	0	0	1.39	0.9
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	0.0083	0.0051	0.0045	ND	ND	ND	ND	ND	ND	0.0078	0.00676	0.0101	0.00749	0.00596	0.00704	0.00625	0.00911

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Table 4
Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location OB10	Alkalinity	NT	NT	NT	NT	NT	NT	NT	110	83	134	116	122	119	133	116	139	116	132
	Ammonia	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.03	0.0778	0.0366	0.0491	0.0321	0.0416	0.0401	0.0468	0.049	0.0553	0.0531	0.0534	0.0569	0.0573	0.0562	0.0763	0.0622	0.0699
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	38.6	37.7	43.4	39.8	45.8	48.1	50.1	45	55.8	53.3	56.6
	Chloride	NT	NT	NT	NT	NT	NT	NT	82.4	53.3	83.6	89	94.1	100	121	120	136	144	159
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	0.0035	ND	0.0041	0.0022	ND	ND	0.0029	ND	0.0059	ND	ND	0.00519	0.00809	0.00674	0.00837	0.0062	0.00784
	COD	NT	NT	NT	NT	NT	NT	NT	ND	7.5	10.3	ND	ND	7.5	ND	ND	ND	ND	10.7
	Copper	0.008	0.0083	0.0079	0.0082	0.0041	0.0066	0.0063	0.006	0.0179	0.0057	ND	ND	ND	ND	0.0109	ND	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	160	161	230	230	226	210	244	234	278	256	292
	Iron	NT	NT	NT	NT	NT	NT	NT	0.598	1.9	1.28	0.783	1.12	0.975	1.63	1.14	1.75	1.14	1.58
	Lead	ND	0.0021	ND	0.0031	ND	ND	ND	ND	0.0085	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	19.4	18.1	24	24.9	27.8	25.8	28.1	25.1	34.4	30.3	32.5
	Manganese	ND	2.376	NT	NT	NT	NT	NT	2.63	1.31	3.47	2.68	3.03	3.15	4.31	3.66	5.2	3.96	5.01
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0056	0.008	0.0057	0.0066	0.0049	0.0061	0.0049	0.0079	0.0104	0.0079	0.0063	0.00682	0.00887	0.0115	0.0107	0.0113	0.00829	0.0101
	Nitrate	NT	NT	NT	NT	NT	NT	NT	ND	ND	0.008	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	6.3	5.98			5.8	6.05	5.49	6.2	6.12	6.03	6.32
	Potassium	NT	NT	NT	NT	NT	NT	NT	2.81	2.94	2.65	3.28	3	3.02	3.32	3.44	2.98	3.09	3.29
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	19	20.3	20.3	18.4	19.6	18.2	18.3	19.8	20.8	19.6	21
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	413.6	423.9			446.8	544.8	623.9	654	636.8	596.2	663.6
	Sulfate	NT	NT	NT	NT	NT	NT	NT	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	368	364	552	456	492	480	396	440	434	340	466
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	2.09	21.1	1.16	0.443	NT	NT	NS	0	0	0	0.3
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	0.023	0.0198	0.0087	ND	0.0107	ND	0.0226	0.00595	0.00573	0.00698	0.00662	0.00705	0.00562	0.00811	0.00671	0.00864

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Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location OB102	Alkalinity	NT	NT	NT	NT	NT	NT	NT	1140	960	1100	1008	1000	1056	1060	1110	1080	980	1000
	Ammonia	NT	NT	NT	NT	NT	NT	NT	11.2	12.4	8.98	11.1	11.1	11.6	12	14	13.3	13.5	12.3
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0042	0.0061	0.0057	**0.0196**	0.0063	0.0061	ND	0.0065	ND	0.0068	0.0061	0.00581	ND	ND	**0.0112**	0.00523	ND	0.00502
	Barium	0.3277	0.3264	0.3338	0.7682	0.3156	0.3331	0.4215	0.385	0.374	0.342	0.349	0.344	0.355	0.349	0.404	0.347	0.367	0.366
	Beryllium	ND	ND	ND	**0.008**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	NT	NT	NT	NT	NT	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	116	113	114	124	119.7	115	120	118	116	116	109
	Chloride	NT	NT	NT	NT	NT	NT	NT	560	128	577	578	564	602	588	558	543	519	520
	Chromium	0.0029	0.0026	0.0035	**0.1373**	0.0033	0.0088	ND	0.0105	0.0102	ND	ND	ND	ND	0.00622	0.014	ND	ND	ND
	Cobalt	0.0894	0.1094	0.0873	0.2586	0.0821	0.0876	0.085	0.0925	0.089	0.0842	0.0764	0.0724	0.0734	0.0729	0.0852	0.0704	0.0695	0.0686
	COD	NT	NT	NT	NT	NT	NT	NT	262	250	252	235	237	227	242	235	126	176	147
	Copper	0.0543	0.0437	0.0557	**1.8022**	0.0638	0.088	0.1301	0.136	0.0793	0.0908	0.0483	0.0449	0.0505	0.0485	0.071	0.0709	0.0616	0.05
	Hardness	NT	NT	NT	NT	NT	NT	NT	810	158	900	775	701	640	700	686	696	710	684
	Iron	NT	NT	NT	NT	NT	NT	NT	8.95	9.66	3.55	1.69	0.798	0.945	1.01	1.93	2.03	3.64	1.99
	Lead	0.0022	ND	ND	**0.0806**	ND	0.0055	ND	0.0043	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	94.8	98.7	94.3	102	98.4	97.4	97.4	104	96.9	99.2	89.73
	Manganese	ND	NT	NT	NT	NT	NT	NT	22.2	20.7	21.8	23.5	20.9	21.2	21.7	20.2	20.1	18.8	18
	Mercury	ND	ND	ND	0.0006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0913	0.087	0.0942	0.2651	0.0908	0.0871	0.1029	0.118	0.0966	0.101	0.092	0.0909	0.0925	0.0962	0.113	0.0907	0.0903	0.0884
	Nitrate	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	6.26	5.95			6.42	6.64	6.29	6.86	6.41	6.8	6.74
	Potassium	NT	NT	NT	NT	NT	NT	NT	37.2	41.7	37.8	39.8	40.4	39.9	41.4	47.4	46.7	44.9	43
	Selenium	0.0127	0.0185	0.0179	0.036	0.0186	0.0152	0.0167	0.0256	0.0134	0.0256	0.0237	0.0224	0.017	0.0176	0.0411	0.0188	0.0162	0.0197
	Silver	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	613	549	500	561	550	532	586	558	483	523	504
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	3522	3493			3010	3558	3612	3298	3303	3270	3129
	Sulfate	NT	NT	NT	NT	NT	NT	NT	71.9	71.5	57.4	74.3	74.4	55.4	55.2	48.1	44.7	45	69.4
	TDS	NT	NT	NT	NT	NT	NT	NT	2120	2172	2252	2308	2244	2268	2236	2146	2158	2122	2098
	Thallium	ND	ND	ND	**0.0087**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	191	202	71.4	23.7	NT	NT	NS	58.9	84.5	79.5	19.9
	Vanadium	ND	ND	0.003	0.1443	ND	0.0105	ND	0.0104	0.0124	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	0.021	1.254	0.0248	0.0424	0.0776	0.0464	0.0402	0.0224	0.0135	0.0127	0.013	0.0129	0.0206	0.0196	0.0231	0.0194

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Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location OB105	Alkalinity	NT	NT	NT	NT	NT	NT	NT	810	1710	600	728	494	51	522	770	50	774	645
	Ammonia	NT	NT	NT	NT	NT	NT	NT	12.4	61.8	5.02	25.1	4.4	16.3	3.48	13.1	4.61	19.3	6.8
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0058	0.0027	0.0041	0.0057	0.0064	0.0044	ND	**0.012**	0.005	**0.0109**	ND	ND	**0.0147**	**0.009**	0.00942	0.00577	ND	ND
	Barium	0.2254	0.208	0.2161	0.166	0.256	0.1682	0.466	0.304	0.408	0.258	0.218	0.157	0.601	0.138	0.233	0.144	0.277	0.337
	Beryllium	ND	ND	ND	ND	ND	ND	ND	0.0026	ND	ND	ND	ND	**0.0112**	ND	ND	ND	ND	ND
	Cadmium	**0.0079**	**0.0125**	NT	NT	NT	NT	NT	0.0047	ND	ND	ND	ND	**0.0109**	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	156	124	165	92.2	170	160	167	168	169	147	166
	Chloride	NT	NT	NT	NT	NT	NT	NT	328	265	334	219	309	356	337	334	318	307	336
	Chromium	0.0028	0.0024	ND	0.0057	0.0044	ND	ND	0.0717	0.0075	0.0808	0.0106	0.0184	**0.166**	**0.0236**	0.0434	0.0235	0.0213	0.0574
	Cobalt	0.0077	0.0054	0.0073	0.0116	0.012	0.0077	0.0108	0.101	0.0129	0.196	0.0202	0.0345	0.2	0.0316	0.054	0.0306	0.0214	0.0436
	COD	NT	NT	NT	NT	NT	NT	NT	173	258	207	92.4	83.4	140	61.5	93.4	56.2	102	75.3
	Copper	0.0148	0.0103	0.0094	0.0217	0.0184	0.012	0.0134	0.112	0.0218	0.173	0.0277	0.0237	0.293	0.0417	0.0906	0.0415	0.0321	0.0958
	Hardness	NT	NT	NT	NT	NT	NT	NT	900	870	950	576	866	960	908	924	940	900	924
	Iron	NT	NT	NT	NT	NT	NT	NT	85.3	31.2	110	17.1	19.96	253	26.7	50.7	24.7	27.2	75.4
	Lead	0.0033	ND	ND	0.0033	0.0021	ND	ND	**0.0268**	ND	**0.0332**	ND	0.015	**0.0726**	**0.0155**	**0.0164**	0.0104	0.00748	**0.028**
	Magnesium	NT	NT	NT	NT	NT	NT	NT	129	152	132	96.5	132	168	116	139	127	128	137
	Manganese	ND	1.481	NT	NT	NT	NT	NT	3.58	1.97	3.76	1.68	2.66	6.03	3.07	4.65	3.53	1.91	5.17
	Mercury	ND	ND	ND	0.0004	ND	ND	ND	**0.0038**	ND	**0.003**	0.00026	0.00101	**0.00645**	**0.00173**	0.00084	0.00096	0.00061	**0.00437**
	Nickel	0.0111	0.0103	0.0091	0.02	0.0142	0.0143	0.0116	0.174	0.0164	0.228	0.0258	0.053	0.283	0.0691	0.0994	0.0734	0.0508	0.0915
	Nitrate	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	0.99	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	6.81	6.33			6.18	6.55	5.75	6.61	6.34	6.69	6.83
	Potassium	NT	NT	NT	NT	NT	NT	NT	35.7	136	19.3	61.3	15	58.6	12.9	33.3	15.4	51.5	23.4
	Selenium	0.0135	0.004	0.0087	0.012	0.0119	0.01	0.013	0.0193	0.0091	0.0214	0.0102	0.00977	0.0198	0.0225	0.0276	0.0157	0.0169	0.0144
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	286	468	174	202	183.57	226	167	279	184	224	
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	3384	3886			1963	3025	2414	2960	2224	2477	2473
	Sulfate	NT	NT	NT	NT	NT	NT	NT	346	105	309	139	314	312	289	240	299	267	287
	TDS	NT	NT	NT	NT	NT	NT	NT	1736	2400	1876	1320	1872	1776	1628	1784	1606	1600	1608
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	65	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	1215	338	3430	240	NT	NT	NS	1721	728	ND	1070
	Vanadium	0.0023	ND	ND	0.0077	0.0042	ND	ND	0.0789	0.0096	0.136	0.0194	0.0331	0.363	0.0492	0.0811	0.0362	ND	0.0896
	Zinc	NT	NT	0.0175	0.0799	0.1131	0.0352	0.0501	0.556	0.031	0.765	0.153	0.15	0.975	0.252	0.263	0.157	ND	0.391

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Monitoring Location OB11	Alkalinity	NT	NT	NT	NT	NT	NT	NT	201	165	200	211	215	217	219	221	228	0.0483	283
	Ammonia	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	0.0021	ND	0.0024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	45.6	ND
	Barium	0.0535	0.0229	0.0258	0.032	0.0267	0.0331	0.0286	0.0272	0.0515	0.0261	0.0301	0.0292	0.0295	0.0282	0.0299	0.0289	147	0.0323
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	**0.0056**	**0.0099**	NT	NT	NT	NT	NT	**0.0088**	**0.0058**	**0.009**	**0.01**	**0.0101**	**0.0104**	**0.0104**	**0.011**	**0.0103**	ND	**0.011**
	Calcium	NT	NT	NT	NT	NT	NT	NT	126	108	133	134	132.3	132	133	132	135	ND	138
	Chloride	NT	NT	NT	NT	NT	NT	NT	330	393	358	259	371	407	398	397	392	ND	417
	Chromium	ND	0.0027	ND	0.0037	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	206	ND
	Cobalt	ND	ND	ND	0.0036	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.92	ND
	COD	NT	NT	NT	NT	NT	NT	NT	27.5	28.2	29	32.5	22.4	32.8	24	37.8	22.5	ND	37.5
	Copper	0.009	0.0091	0.0083	0.0069	0.0063	0.0062	ND	0.0083	0.0072	0.0112	0.0078	0.0064	0.00894	0.00814	0.0153	0.00834	25	0.00739
	Hardness	NT	NT	NT	NT	NT	NT	NT	550	510	600	563	581	596	592	576	606	0.257	606
	Iron	NT	NT	NT	NT	NT	NT	NT	0.454	0.84	1.22	1.27	0.738	0.726	0.656	0.674	0.638	ND	0.741
	Lead	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.013	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	60.1	59.1	67.9	66.6	66.6	67.4	64.4	68.9	67	0.463	70.2
	Manganese	0.5976	0.8841	NT	NT	NT	NT	NT	0.862	0.7	0.884	0.869	0.768	0.758	0.858	0.793	0.76	6.03	0.858
	Mercury	0.0019	**0.003**	**0.0031**	0.0007	**0.0022**	0.0005	0.0019	**0.0022**	0.00191	**0.00254**	0.00165	0.00102	0.00098	0.00118	0.00136	0.00106	3.03	0.00141
	Nickel	0.0178	0.0292	0.0279	0.0276	0.0249	0.0207	0.0275	0.0361	0.0216	0.0375	0.0331	0.0333	0.0339	0.0411	0.0354	0.033	ND	0.0356
	Nitrate	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	5.69	5.03			5.35	5.41	5.31	5.81	5.41	30.3	5.77
	Potassium	NT	NT	NT	NT	NT	NT	NT	4.56	8.25	4.9	4.82	4.7	5.13	5.19	5.45	5.17	548.7	4.71
	Selenium	ND	ND	0.0036	0.0043	0.0029	ND	ND	0.0049	ND	0.0078	0.0061	0.00568	ND	0.011	0.00674	0.00545	4.73	0.0068
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	320	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	56.7	59.9	68.8	67.9	68.5	68	68	75.8	71.3	ND	77.7
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	1339	1340			1302	1559	1601	1774	1539	132.6	1627
	Sulfate	NT	NT	NT	NT	NT	NT	NT	8.96	8.47	9.53	9.48	10.2	11.2	10.3	10.5	12.2	ND	11.7
	TDS	NT	NT	NT	NT	NT	NT	NT	1208	1152	1416	1116	1036	1404	1212	1018	1122	0.0103	1074
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	Nt	Nt	Nt	Nt	Nt	Nt	Nt	1.16	3.65	5.75	0.733	NT	NT	NS	0	0	1.51	0.3
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	0.0389	0.04	0.0427	0.038	0.0508	0.0508	0.0432	0.0309	0.0426	0.043	0.042	0.0453	0.0462	0.0442	0.0413	0.0441	0.0418

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Table 4
Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location OB11A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	270	282	280	292	285	279	288	298	302	295	49
	Ammonia	NT	NT	NT	NT	NT	NT	NT	0.222	0.817	1.7	2.11	1.59	1.11	1.25	1.79	1.18	1.99	1
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	0.0072	0.0031	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.1678	0.1785	0.1767	0.1365	0.1441	0.1335	0.1616	0.151	0.174	0.182	0.957	0.166	0.183	0.165	0.191	0.165	0.206	0.185
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0102**	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	NT	NT	NT	NT	NT	0.0025	**0.0101**	ND	**0.0059**	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	99	92.5	89.8	84.7	93.5	93.4	91.4	85.3	99.6	79.6	97.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	310	262	290	211	297	300	312	282	327	266	329
	Chromium	ND	ND	ND	0.0024	ND	ND	0.0102	ND	ND	ND	0.0321	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0411	0.036	0.0664	0.0239	0.0361	0.0332	0.0204	0.036	0.0777	0.0337	0.144	0.025	0.025	0.0271	0.024	0.0256	0.0235	0.0246
	COD	NT	NT	NT	NT	NT	NT	NT	30.8	32.3	30	33.7	21.6	30.4	17.8	26.5	23.1	20.6	29.4
	Copper	0.0149	0.0076	0.0092	0.0108	0.0088	0.0109	0.0119	0.0103	0.0209	0.0102	0.17	0.00569	0.00569	0.00646	0.0143	0.00649	0.00578	0.00671
	Hardness	NT	NT	NT	NT	NT	NT	NT	540	500	660	524	598	500	508	466	516	456	544
	Iron	NT	NT	NT	NT	NT	NT	NT	1.61	4.65	1.33	48.4	1.01	1.05	1.07	1.08	1.19	0.929	1.13
	Lead	0.0031	ND	ND	0.0079	ND	ND	ND	ND	0.0059	ND	**0.0723**	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	69.2	64.2	67	55	68.6	69.9	64.8	65.7	70.6	57.4	69.1
	Manganese	6.8885	4.922	NT	NT	NT	NT	NT	5.23	7.39	6.38	13.1	5.83	6.29	6.14	6.82	7.21	6.8	7.37
	Mercury	ND	0.0003	0.0005	0.0014	0.0008	0.0005	0.0009	ND	**0.00232**	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0382	0.0236	0.0228	0.0306	0.0285	0.0269	0.0376	0.0299	0.0306	0.0232	0.0701	0.0222	0.0192	0.0266	0.0203	0.0236	0.0179	0.0225
	Nitrate	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	6.01	5.28			5.49	5.59	5.36	6	5.61	5.71	5.94
	Potassium	NT	NT	NT	NT	NT	NT	NT	5.71	7.17	6.81	13.7	6.83	6.41	6.84	7.39	6.78	6.79	5.83
	Selenium	0.0022	ND	0.0029	0.0067	0.0022	ND	ND	0.0048	ND	0.0062	0.0185	ND	ND	0.00713	ND	ND	ND	0.00542
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	107	97.5	101	38.5	99.8	99.4	95.1	99.5	102	83	99.7
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	1444	1363			1227	1405	1499	1552	1481	1274	1510
	Sulfate	NT	NT	NT	NT	NT	NT	NT	12.6	14.9	18.4	17	15	15.8	15.7	16.6	15.7	20	15.4
	TDS	NT	NT	NT	NT	NT	NT	NT	1192	1032	1068	908	304	1048	904	830	936	1016	854
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	Nt	Nt	Nt	Nt	Nt	Nt	Nt	1.97	19.4	3.31	0.83	NT	NT	NS	0	0	4.13	0
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0919	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	0.0193	0.0229	0.0219	0.025	0.0305	0.0305	0.0249	0.025	0.0218	0.267	0.021	0.0211	0.0223	0.0206	0.0192	0.0222	0.0189

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Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location OB12	Alkalinity	NT	NT	NT	NT	NT	NT	NT	110	100	108	44	106	116	113	119	126	123	138
	Ammonia	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0431	0.036	0.0565	0.0146	0.0228	ND	0.0298	0.0186	0.0211	0.0153	0.0211	0.0173	0.0174	0.018	0.0194	0.0178	0.0206	0.0215
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	33.3	39	32.3	34.1	33	38.3	26.5	36.7	33.8	35	36.5
	Chloride	NT	NT	NT	NT	NT	NT	NT	69.9	83.9	65.8	80.1	62.7	76.9	66.4	79	70.5	77.9	77.4
	Chromium	ND	0.0104	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	ND	12.1	7.4	6.9	ND	8.1	ND	21	ND	ND	ND
	Copper	0.0102	0.0151	0.0048	0.009	0.0055	0.007	ND	0.0061	0.0062	0.0068	ND	ND	0.00512	ND	0.0102	ND	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	165	189	162	182	153	194	160	178	178	200	208
	Iron	NT	NT	NT	NT	NT	NT	NT	0.368	ND	0.228	ND	ND	ND	ND	0.2	ND	0.208	0.234
	Lead	0.0032	0.0046	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	19.7	23.4	19.8	27	20.6	24.5	16.1	23.4	20.2	21.4	22.5
	Manganese	0.2305	0.1681	NT	NT	NT	NT	NT	0.102	0.131	0.107	0.106	0.108	0.114	0.119	0.105	0.118	0.115	0.129
	Mercury	0.0005	0.0011	ND	0.0015	0.0007	ND	ND	0.0003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0065	0.0156	0.0035	0.0062	0.0064	0.0066	ND	0.0089	0.0101	0.0102	0.0084	0.00652	0.00911	0.00856	0.00787	0.00692	0.00761	0.00919
	Nitrate	NT	NT	NT	NT	NT	NT	NT	1.622	2.25	1.377	1.59	1.14	1.26	0.99	1.02	0.87	0.83	0.695
	pH	NT	NT	NT	NT	NT	NT	NT	5.84	6.14			5.46	5.51	5.29	5.81	5.53	5.56	5.92
	Potassium	NT	NT	NT	NT	NT	NT	NT	3	3.04	2.32	3.24	2.69	3.26	2.97	3.33	2.88	2.89	2.51
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	24.5	27.8	25.4	27.9	22.8	30	18.2	28.4	21.2	22	25.1
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	481.7	511.8			421.1	497.1	417.9	545.7	436.3	469.9	481.6
	Sulfate	NT	NT	NT	NT	NT	NT	NT	7.14	14.9	7.13	4.78	5.57	12	4.58	13.4	5.79	14.4	11.6
	TDS	NT	NT	NT	NT	NT	NT	NT	308	400	408	120	296	340	312	236	364	308	292
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	2.49	5.15	0.328	0.167	NT	NT	NS	0	1.26	1.36	0.9
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	0.013	0.0478	0.0222	0.0236	0.0125	ND	0.0134	0.00773	0.00765	0.00631	0.00533	0.0082	0.00511	0.00586	0.00842	0.00958

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Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location OB15	Alkalinity	NT	NT	NT	NT	NT	NT	NT	242	93	230	74	228	51	226	33	151	29	91
	Ammonia	NT	NT	NT	NT	NT	NT	NT	0.646	0.228	0.29	ND	0.307	ND	0.274	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	**0.0366**	ND	ND	ND	ND	ND	0.0069	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND
	Barium	0.0991	0.3997	0.0364	0.2282	0.0856	0.1015	0.0881	0.119	0.0902	0.0785	0.0857	0.0919	0.0722	0.0923	0.0709	0.0624	0.0635	0.0944
	Beryllium	ND	**0.0088**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	**0.0099**	NT	NT	NT	NT	NT	0.0042	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	29.5	20.3	18	14.8	21.6	16.5	18.3	12.9	16.8	12	11.6
	Chloride	NT	NT	NT	NT	NT	NT	NT	3.16	3.48	7.73	4.61	10	3.95	11.9	4.73	10.8	4.04	10.3
	Chromium	0.009	**0.3214**	ND	0.0521	ND	ND	ND	0.019	ND	ND	0.0053	ND	ND	0.0114	ND	ND	ND	0.00956
	Cobalt	0.0163	0.2322	ND	0.0599	0.0095	ND	0.0134	0.0273	0.0099	ND	0.0072	0.00621	ND	0.0165	ND	0.0116	ND	0.0174
	COD	NT	NT	NT	NT	NT	NT	NT	49.3	11.1	11.2	ND	27.3	ND	17.8	ND	ND	ND	11.4
	Copper	0.0267	0.5593	0.0061	0.1171	0.0067	0.0059	ND	0.0475	0.0103	0.0083	0.0119	0.0094	0.00664	0.0408	0.01	0.00585	0.00693	0.0281
	Hardness	NT	NT	NT	NT	NT	NT	NT	600	270	165	114	156	140	120	94	120	96	102
	Iron	NT	NT	NT	NT	NT	NT	NT	54.9	16	27.3	9.24	39.4	6.6	47.8	2.85	17.3	1.98	52.5
	Lead	0.0088	**0.1747**	ND	**0.0409**	ND	ND	ND	**0.017**	ND	ND	ND	ND	ND	0.00794	ND	ND	ND	0.00818
	Magnesium	NT	NT	NT	NT	NT	NT	NT	23.2	24.5	17.4	22	21.6	21.3	17.4	16	17.3	14.5	14.5
	Manganese	ND	9.2235	NT	NT	NT	NT	NT	5.73	4.5	3.87	1.78	3.27	1.28	2.5	0.163	1.1	0.13	0.639
	Mercury	ND	0.0003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0259	0.4895	0.0086	0.112	0.0084	0.0072	0.0157	0.0473	0.0178	0.0098	0.0149	0.00599	0.015	0.0235	0.0141	0.00799	0.0115	0.0214
	Nitrate	NT	NT	NT	NT	NT	NT	NT	ND	ND	0.008	ND	ND	ND	ND	0.292	ND	0.678	ND
	pH	NT	NT	NT	NT	NT	NT	NT	6.01	6.62			6.15	5.5	5.7	5.78	NM	5.4	6.03
	Potassium	NT	NT	NT	NT	NT	NT	NT	3.15	2.3	2.18	2.29	2.46	2.12	2.32	2.04	2.07	1.84	1.8
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	35	14.5	53.3	36.1	59.1	29.2	62.5	26.1	50.6	17.3	30.6
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	576.4	368.7			535.4	323.1	521.8	329	NM	236.8	248.6
	Sulfate	NT	NT	NT	NT	NT	NT	NT	78.6	78.1	56.5	78.9	49.2	93.2	37.9	92.8	63.3	91.8	69.1
	TDS	NT	NT	NT	NT	NT	NT	NT	328	252	324	420	528	272	308	184	244	164	198
	Thallium	ND	**0.0024**	ND	**0.0024**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	125	53.8	25.4	96.8	NT	NT	NS	46.8	NM	33	48.1
	Vanadium	0.0032	0.1477	ND	0.0282	ND	ND	ND	0.0052	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	0.0081	1.2155	0.022	0.021	0.0955	0.0955	0.698	0.0329	0.0212	0.0544	0.0668	0.0966	0.397	0.136	0.0516	0.0723	0.183

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Monitoring Location OB25	Alkalinity	NT	NT	NT	NT	NT	NT	NT	423	416	472	282	267	249	374	268	387	194	287
	Ammonia	NT	NT	NT	NT	NT	NT	NT	1.57	0.771	3.69	0.629	1.91	0.731	2.31	ND	2.94	ND	0.95
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0212**
	Arsenic	ND	ND	ND	ND	0.0024	ND	ND	0.0037	**0.012**	ND	ND	ND	ND	ND	ND	ND	ND	**0.0263**
	Barium	0.0658	0.0794	0.0832	0.1065	0.1388	0.1179	0.1126	1.31	0.445	0.192	0.195	0.163	0.146	0.631	0.0769	0.175	0.0539	0.624
	Beryllium	ND	ND	ND	ND	ND	ND	ND	**0.0137**	**0.0057**	ND	ND	ND	ND	0.00617	ND	ND	ND	**0.116**
	Cadmium	ND	ND	NT	NT	NT	NT	NT	**0.0174**	**0.0072**	ND	ND	ND	ND	ND	ND	ND	ND	**0.115**
	Calcium	NT	NT	NT	NT	NT	NT	NT	111	89.9	90.2	92.7	65.1	73.3	89.5	56.2	91.2	39.6	61.9
	Chloride	NT	NT	NT	NT	NT	NT	NT	156	183	173	62.3	86.6	73.5	158	59.5	175	34.8	80.2
	Chromium	ND	ND	ND	0.0046	0.0089	ND	ND	**0.105**	**0.141**	0.0193	ND	ND	0.0297	0.0174	0.00811	0.0117	0.00604	**0.305**
	Cobalt	0.0119	0.0157	0.0187	0.0229	0.0329	0.027	0.0241	0.418	0.272	0.0532	0.0244	0.0285	0.0393	0.122	0.00673	0.0373	ND	0.336
	COD	NT	NT	NT	NT	NT	NT	NT	1080	79.4	90	107	19.6	18.6	23.5	21.6	17.2	ND	28.6
	Copper	0.0085	0.0075	0.0065	0.0083	0.0146	0.0065	ND	0.364	0.188	0.0302	0.0062	0.0168	0.0374	0.143	0.0194	0.0153	0.00796	0.337
	Hardness	NT	NT	NT	NT	NT	NT	NT	740	520	750	450	292	356	500	316	490	238	354
	Iron	NT	NT	NT	NT	NT	NT	NT	239	210	29.9	1.32	5.73	31.7	25.9	4.68	17	3.1	163
	Lead	0.0021	ND	ND	ND	0.0026	ND	ND	**0.148**	**0.0358**	ND	ND	0.0137	0.00771	0.0269	ND	ND	ND	**0.122**
	Magnesium	NT	NT	NT	NT	NT	NT	NT	82.8	109	71.6	70.2	44.2	57.7	62.4	41.5	69	27	90.3
	Manganese	10.264	9.249	NT	NT	NT	NT	NT	55.8	33.5	24.2	6.86	10.52	7.21	20.7	0.818	18.2	0.21	12.8
	Mercury	ND	ND	ND	ND	ND	ND	ND	0.0003	ND	ND	0.00142	ND	0.00129	0.00052	ND	0.00022	ND	0.00023
	Nickel	0.009	0.0097	0.0113	0.0161	0.0215	0.0128	0.0127	0.226	0.281	0.0506	0.0183	0.0128	0.0467	0.062	0.0129	0.0256	0.00887	0.4
	Nitrate	NT	NT	NT	NT	NT	NT	NT	0.6782	2.31	ND	1.33	ND	ND	ND	0.606	ND	2.13	0.756
	pH	NT	NT	NT	NT	NT	NT	NT	6.19	5.51			8.7	7	5.98	7.16	6.12	6.86	6.89
	Potassium	NT	NT	NT	NT	NT	NT	NT	17.6	15.9	16.6	7.24	14.3	10.7	16.8	9.22	16.4	6.49	13.2
	Selenium	ND	ND	ND	0.0023	ND	ND	ND	0.0364	0.0172	0.0059	ND	ND	0.00523	0.00877	ND	ND	ND	0.0411
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0991
	Sodium	NT	NT	NT	NT	NT	NT	NT	84	76.6	88.9	100	54.3	43.9	69	39	83.5	20.4	38.4
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	1301	1340			NT	627.7	931.1	394.5	807.1	491.2	544
	Sulfate	NT	NT	NT	NT	NT	NT	NT	71.8	75.3	67	32.1	39.7	44.1	61.8	39.6	65	32.6	37.2
	TDS	NT	NT	NT	NT	NT	NT	NT	888	916	916	532	252	568	756	454	838	324	516
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0778
	Turbidity	NT	NT	NT	NT	NT	NT	NT	10100	3870	357	15050	NT	NT	NS	51	153	65	37.6
	Vanadium	ND	ND	ND	ND	0.0087	ND	ND	0.156	0.129	0.0141	ND	0.00768	0.0236	0.0452	0.00766	0.00998	ND	0.261
	Zinc	NT	NT	NT	NT	NT	NT	NT	3.95	1.09	0.109	0.0216	0.0256	0.112	0.13	0.0196	0.04	0.015	0.962

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Table 4
Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location ST15	Alkalinity	NT	NT	NT	NT	NT	NT	NT	80	115	79	98	31	99	38	68	29	180	52
	Ammonia	NT	NT	NT	NT	NT	NT	NT	ND	0.239	ND	ND	ND	ND	ND	ND	ND	0.895	ND
	Antimony	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0468	0.0502	0.0481	0.0545	0.0454	NT	0.0786	0.0588	0.0596	0.0681	0.029	0.0197	0.0367	0.0197	0.063	0.0165	0.0888	0.0288
	Beryllium	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	33.4	36.7	32.5	27.4	10.3	31.2	14.4	31.1	11.4	61.7	20.1
	Chloride	NT	NT	NT	NT	NT	NT	NT	58.2	102	67.7	38.1	5.32	157	13.1	75.3	10.2	1090	30.7
	Chromium	ND	ND	ND	ND	ND	NT	0.0041	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	NT	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	ND	7.2	6.7	24.8	14.1	22.8	14.5	ND	ND	36.2	ND
	Copper	0.0074	0.0055	0.0059	0.0076	0.005	NT	0.0139	0.0058	0.0085	0.0077	0.0062	ND	0.00811	ND	0.00576	ND	0.00886	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	160	180	160	95	29	122	48	124	36	252	74
	Iron	NT	NT	NT	NT	NT	NT	NT	0.372	0.814	0.701	0.863	ND	0.846	0.68	0.454	0.345	ND	0.62
	Lead	ND	ND	ND	ND	ND	NT	0.0032	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	13.7	17.6	15	8.5	2.23	12	3.73	16	3.01	20.3	5.93
	Manganese	0.1826	0.1261	NT	NT	NT	NT	NT	0.101	0.294	0.19	0.109	0.0434	0.245	0.0766	0.155	0.0382	0.329	0.201
	Mercury	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0091	0.0043	0.0087	0.0069	0.0097	NT	0.0172	0.0083	0.0104	0.0078	0.0052	ND	0.00661	ND	0.00894	ND	0.0119	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	1.465	1.3279	1.3876	0.401	ND	0.799	ND	1.66	ND	1.6949	ND
	pH	NT	NT	NT	NT	NT	NT	NT	7.39	7.19			7.34	7.55	6.19	6.46	6.83	6.64	6.61
	Potassium	NT	NT	NT	NT	NT	NT	NT	2.59	3.08	2.58	3.48	2.15	4.16	1.48	2.11	1.14	6.83	1.63
	Selenium	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	24.5	59	24.8	28	4.33	108	7.36	29.1	7.17	607	12.3
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	386.7	538.8			82.1	703.9	118.1	526.3	93.3	3441	200
	Sulfate	NT	NT	NT	NT	NT	NT	NT	20.7	15.6	25.5	7.19	4.42	8.46	ND	12.6	ND	25.3	4.59
	TDS	NT	NT	NT	NT	NT	NT	NT	280	368	404	204	1276	392	100	222	6	2028	134
	Thallium	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	3.04	5.24	6.06	25.6	NT	NT	NS	NS	6.2	16.4	NT
	Vanadium	ND	ND	ND	ND	ND	NT	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	0.0246	0.0187	0.0296	NT	0.0536	0.0202	0.0243	0.0174	0.0131	0.0103	0.0155	0.0065	0.0207	0.00503	0.0167	0.00583

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Table 4
Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location ST120	Alkalinity	NT	NT	NT	NT	NT	NT	NT	64	74	70	60	49	52	72	56	57	64	60
	Ammonia	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0705	0.0582	0.0288	0.0431	0.0433	0.0373	0.1051	0.0392	0.0544	0.0482	0.046	0.0357	0.0397	0.0423	0.0559	0.044	0.0927	0.0514
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	25.7	34	31.6	23.1	33.4	23.3	24.9	29.6	27.4	46.1	27.6
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	197	93.2	102	50.1	110	47	335	67.8	928	77.4
	Chromium	0.0021	0.0026	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	ND	7	11.1	15.1	11.9	9.7	ND	25.8	ND	14.3	22.8
	Copper	0.0105	0.0085	0.0104	0.0066	0.0094	0.0089	0.0152	0.0056	0.0105	0.0068	0.0052	0.00623	0.00914	ND	0.0151	ND	0.00839	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	340	150	180	113	73	98	100	130	120	208	130
	Iron	NT	NT	NT	NT	NT	NT	NT	0.525	1	0.705	0.661	0.75	0.474	0.704	0.639	0.579	0.876	1.03
	Lead	0.0028	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	0.00528	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	12.3	19.1	16.3	14.2	12.6	11.5	14.2	14.8	12.9	22.5	13.2
	Manganese	0.2074	0.2912	NT	NT	NT	NT	NT	0.0634	0.238	0.0817	0.126	0.051	0.0853	0.117	0.0907	0.0795	0.128	0.155
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0104	0.0082	0.0116	0.0077	0.0078	0.006	0.0113	0.0066	0.0155	0.0066	0.0098	0.00741	0.00818	0.00593	0.00848	0.0065	0.0146	0.00553
	Nitrate	NT	NT	NT	NT	NT	NT	NT	1.029	1.2126	0.792	0.787	0.581	1.33	1.3	1.2	0.812	1.38	0.539
	pH	NT	NT	NT	NT	NT	NT	NT	7.41	5.96			6.98	7.38	6.68	7.35	7.4	7.34	6.62
	Potassium	NT	NT	NT	NT	NT	NT	NT	1.88	3	3.02	2.51	3.08	2.25	2.2	3.01	2.67	6.08	2.77
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	27.5	170	34	53.7	34.5	65.1	15.3	181	19.8	561	24.5
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	370.8	1116			236.6	489.4	303.4	1297	340	2780	377.9
	Sulfate	NT	NT	NT	NT	NT	NT	NT	7.6	17.2	13.5	7.5	6.45	7.76	5.56	7.85	8.37	24.8	8.87
	TDS	NT	NT	NT	NT	NT	NT	NT	244	720	376	372	208	284	228	660	272	1676	268
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	2.12	8.2	2.4	3.86	NT	NT	NS	5	ND	9.8	NT
	Vanadium	ND	0.0033	0.0028	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	ND	0.0124	ND	0.00891	0.00844	0.0106	ND	0.00746	0.00635	0.0157	0.00582

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Table 4
Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location ST65	Alkalinity	NT	NT	NT	NT	NT	NT	NT	70	235	88	243	203	237	98	253	112	74	174
	Ammonia	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0592	0.0472	0.1	0.0404	0.038	0.0314	0.0447	0.0912	0.0566	0.0431	0.0556	0.079	0.0484	0.045	0.0644	0.044	0.0685	0.227
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	18.1	40	34.3	33.9	34.2	30.6	34.3	34.6	40	37.6	23.5
	Chloride	NT	NT	NT	NT	NT	NT	NT	51.7	85.7	98.4	99.6	154	136	91.5	171	68.4	586	89.2
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0226
	Cobalt	ND	ND	0.0134	ND	ND	ND	ND	0.0137	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0387
	COD	NT	NT	NT	NT	NT	NT	NT	34.8	34.7	7.7	35.1	39.2	32.6	10.5	60.7	ND	18.6	110
	Copper	0.0137	0.0049	0.0063	0.0069	0.0075	0.0069	0.0058	0.008	0.0097	0.0066	0.0067	0.00767	0.00768	ND	0.0168	ND	0.00551	0.0267
	Hardness	NT	NT	NT	NT	NT	NT	NT	100	222	170	180	174	178	150	196	170	174	158
	Iron	NT	NT	NT	NT	NT	NT	NT	10.1	0.529	0.286	0.657	0.613	0.507	0.548	0.39	0.294	0.491	17.8
	Lead	0.0032	ND	ND	ND	ND	ND	ND	0.0036	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0244**
	Magnesium	NT	NT	NT	NT	NT	NT	NT	10.6	30.7	18.4	26.9	23.7	29	17.4	28.3	19	20.1	19.5
	Manganese	0.2699	0.0559	NT	NT	NT	NT	NT	2.37	0.0486	0.0179	0.143	0.25	0.0864	0.0182	0.0287	0.0705	0.154	5.11
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0083	0.0024	0.0058	0.0037	0.0058	ND	0.0028	0.008	0.0102	ND	0.0095	0.0103	0.00895	ND	0.00913	ND	0.00902	0.0307
	Nitrate	NT	NT	NT	NT	NT	NT	NT	ND	0.7773	1.117	0.392	ND	0.621	0.654	ND	1.16	1.37	1.0775
	pH	NT	NT	NT	NT	NT	NT	NT	6.7	6.31			7.07	7.56	6.96	6.42	7.48	7.88	8.07
	Potassium	NT	NT	NT	NT	NT	NT	NT	2.92	14.3	4	14.8	14.9	13.8	4.68	17	4.53	5.1	15.2
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0082	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	25.7	110	37	121	115	136	26.3	136	27.5	345	75.9
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	302.3	884.2			795.9	872.7	471.5	1037	466.9	1916	563
	Sulfate	NT	NT	NT	NT	NT	NT	NT	5.32	42.1	10.8	26.6	32.8	25.4	10.4	26.3	29.2	19.8	10.7
	TDS	NT	NT	NT	NT	NT	NT	NT	196	500	500	524	588	532	360	562	352	1038	370
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	90.3	5.03	0.696	8.26	NT	NT	NS	NS	0	NR	NT
	Vanadium	ND	ND	ND	ND	ND	ND	ND	0.0036	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0281
	Zinc	NT	NT	0.0185	0.0032	ND	ND	0.0058	0.0165	0.0053	ND	0.00604	0.00665	0.00539	ND	0.00538	ND	0.00897	0.0863

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Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location ST70	Alkalinity	NT	NT	NT	NT	NT	NT	NT	109	106	115	105	81	128	79	108	92	105	82
	Ammonia	NT	NT	NT	NT	NT	NT	NT	ND	0.497	ND	0.477	ND	0.383	ND	0.555	ND	0.612	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0681	0.066	0.0509	0.0699	0.0508	0.0549	0.1404	0.0624	0.0596	0.0632	0.0498	0.0488	0.0706	0.0544	0.0732	0.0606	0.0934	0.082
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	38.2	37.9	42.8	32.5	27.4	56.8	31.7	49.3	39.8	44.1	37.7
	Chloride	NT	NT	NT	NT	NT	NT	NT	85.8	68.8	97.6	79.8	50.6	122	49.5	145	62.6	674	76
	Chromium	0.0202	0.013	0.0034	0.0194	0.0033	ND	0.0422	ND	ND	ND	ND	ND	0.0234	ND	0.0253	0.0229	ND	0.0113
	Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	ND	14.1	10	18.5	15.3	17.2	19.5	ND	22.4	15.3	14.5
	Copper	0.0109	0.0079	0.0072	0.0109	0.007	0.0076	0.0127	0.0067	0.009	0.0076	0.0066	0.00714	0.00996	0.00663	0.00699	0.00922	0.00726	0.00569
	Hardness	NT	NT	NT	NT	NT	NT	NT	170	150	170	128	110	188	124	180	140	192	148
	Iron	NT	NT	NT	NT	NT	NT	NT	0.421	0.98	0.357	1.04	0.555	1.36	0.466	0.77	0.486	0.706	0.498
	Lead	0.0023	ND	ND	0.0039	ND	ND	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	16.3	15.9	17.8	13.6	8.98	16.5	11.7	18.9	11.8	19	10.9
	Manganese	0.2724	0.1056	NT	NT	NT	NT	NT	0.154	0.274	0.147	0.185	0.0928	0.436	0.0764	0.276	0.0973	0.344	0.0795
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0086	0.0044	0.0074	0.007	0.0085	0.0052	0.0095	0.0086	0.0136	0.0077	0.0086	0.00908	0.00831	0.00762	0.00775	0.00737	0.0103	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	1.8591	1.124	1.4818	0.831	0.774	1.489	0.878	2.071	0.523	1.481	0.869
	pH	NT	NT	NT	NT	NT	NT	NT	7.54	6.61			7.05	8.51	6.53	6.52	7.45	7.41	9.41
	Potassium	NT	NT	NT	NT	NT	NT	NT	4.3	4.4	6.84	4.15	4.52	13.1	5.33	14.3	13.5	14.3	12.3
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	34.2	69.8	40.1	45.6	20.4	77.1	22.1	70.3	25.9	384	30.7
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	520.6	625.1			291.6	691	315.7	739	424.7	2485	447.1
	Sulfate	NT	NT	NT	NT	NT	NT	NT	20.8	18.4	25.2	12.8	11.6	41.4	27.4	29.7	28.7	24.1	28.1
	TDS	NT	NT	NT	NT	NT	NT	NT	352	392	524	312	256	448	256	380	308	1286	276
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	1.96	9.24	0.753	10.7	NT	NT	NS	155	0.6	3	NT
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	0.0167	0.0187	0.016	ND	0.0342	ND	0.0166	0.00661	0.0145	0.0121	0.0143	0.0111	0.0136	0.0215	0.0257	0.0101

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Table 4
Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location ST80	Alkalinity	NT	NT	NT	NT	NT	NT	NT	48	110	44	32	42	34	54	34	569	31	41
	Ammonia	NT	NT	NT	NT	NT	NT	NT	ND	0.456	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0294	0.0265	0.0297	0.049	0.0305	0.0405	0.0513	0.0365	0.0532	0.0311	0.0387	0.0315	0.0346	0.044	0.0408	0.0391	0.0505	0.037
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	16.2	37.9	12.5	11.8	11.9	14.2	18.6	16.5	17.5	16.4	15.8
	Chloride	NT	NT	NT	NT	NT	NT	NT	32.6	92.3	28.6	27.1	29.4	45.8	38.1	107	43	207	40.9
	Chromium	ND	ND	0.0026	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	ND	12.5	17	14.6	12.5	10.3	10.8	ND	14.4	ND	20.5
	Copper	0.0125	0.0051	0.0072	0.007	0.0061	0.0056	0.0064	0.0056	0.008	0.0066	0.0068	0.005	0.00578	ND	0.00609	0.00841	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	70	152	68	46	55	58	86	66	76	84	76
	Iron	NT	NT	NT	NT	NT	NT	NT	0.32	0.821	0.863	1.44	0.52	0.741	1.17	0.759	0.55	0.464	0.852
	Lead	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	7.41	15.4	6.23	5.73	5.47	7.92	11.2	8.71	10.5	9.32	7.83
	Manganese	0.0739	0.132	NT	NT	NT	NT	NT	0.126	0.174	0.155	0.149	0.0565	0.0786	0.184	0.115	0.0977	0.107	0.149
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0028	ND	0.0056	0.0043	0.0036	ND	0.0035	0.0042	0.0108	ND	0.0055	ND	ND	ND	ND	0.00542	0.00506	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	0.8957	1.1925	0.35	0.856	0.423	1.68	0.679	1.52	0.309	1.79	0.534
	pH	NT	NT	NT	NT	NT	NT	NT	7.65	7.37			7	8.08	6.94	7.11	7.65	7.64	7.6
	Potassium	NT	NT	NT	NT	NT	NT	NT	3.08	4.64	2.68	2.16	3.82	2.57	3.8	2.69	3.86	2.53	2.6
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	17.4	69	14	14.6	12.1	28.2	16.4	64.6	17.2	110	14.9
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	216.2	616.7			162.9	234.2	255	466.6	231.3	685.1	211.2
	Sulfate	NT	NT	NT	NT	NT	NT	NT	8.16	17.3	5.53	6.57	6.04	5.77	5.55	8.53	6.35	10	5.89
	TDS	NT	NT	NT	NT	NT	NT	NT	144	380	168	144	160	168	160	246	180	396	168
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	1.85	7.23	7.86	91.8	NT	NT	NS	1000+	4	8.8	NT
	Vanadium	ND	ND	0.0028	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	0.0091	0.0085	0.0066	ND	0.0078	ND	0.0119	ND	0.00952	0.00561	0.00612	ND	0.00635	0.0128	0.00834	0.00786

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Table 4
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Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location MW1B	Alkalinity										48	49	49	58	52	49	49	47	43
	Ammonia										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium										0.0057	0.0081	0.0089	0.00843	0.0338	0.00611	0.00851	0.00701	0.00849
	Beryllium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium										6.83	8.18	6.92	8.77	10.4	9.07	8.27	7.81	7.68
	Chloride										ND	ND	ND	2.75	3.33	3.24	3.27	3.96	2.6
	Chromium										0.0055	ND	0.00501	0.00854	0.233	0.00515	0.00711	ND	ND
	Cobalt										ND	ND	ND	ND	0.0205	ND	ND	ND	ND
	COD										ND	6.5	ND	ND	ND	ND	ND	ND	ND
	Copper										0.0086	ND	0.00799	0.0104	0.0802	0.0159	0.00568	ND	0.00531
	Hardness										30	36	33	60	80	36	40	50	42
	Iron										1.22	0.651	1.56	2.22	17.6	1.34	0.623	0.289	0.992
	Lead										ND	ND	0.00552	ND	0.0117	ND	ND	ND	ND
	Magnesium										3.72	4.58	4.34	5.74	11.6	5.42	4.56	4.63	4.36
	Manganese										0.038	0.0495	0.0441	0.0541	0.516	0.0436	0.0189	0.0186	0.0279
	Mercury										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel										0.0055	ND	0.00538	0.00801	0.271	0.00529	0.00698	ND	0.00505
	Nitrate										ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH												5.73	6.12	5.6	6.21	6.1	6.12	6.35
	Potassium										1.25	1.15	1.47	1.36	3.47	1.53	1.06	1.06	1.14
	Selenium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium										10.2	8.37	6.78	8.88	8.62	12.8	7.4	8.04	7.31
	Spec. Cond.												76.3	97.9	96.9	113.1	95.5	86	78.3
	Sulfate										ND	ND	ND	ND	ND	ND	ND	ND	ND
	TDS										440	92	80	92	92	136	90	67	70
	Thallium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity										28.2	39.4	NT	NT	NS	47.7	33.9	12.3	37.5
	Vanadium										ND	ND	ND	ND	0.022	ND	ND	ND	ND
	Zinc										0.0102	0.00685	0.0145	0.0179	0.109	0.012	0.00722	0.00628	0.0143

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Monitoring Location MW2A	Alkalinity										30	40	35	46	54	NS	56	49	28
	Ammonia										ND	ND	ND	ND	ND	NS	ND	ND	ND
	Antimony										ND	ND	ND	ND	ND	NS	ND	ND	ND
	Arsenic										ND	ND	ND	ND	ND	NS	ND	ND	ND
	Barium										0.0155	0.0299	0.0206	0.0209	0.0181	NS	0.0172	0.0247	0.142
	Beryllium										ND	ND	ND	ND	ND	NS	ND	ND	ND
	Cadmium										ND	ND	ND	ND	ND	NS	ND	ND	ND
	Calcium										4.89	7.78	8.86	10.5	11.1	NS	13.2	10.2	6.29
	Chloride										ND	2.74	2.69	2.65	2.63	NS	5.76	3.39	3.73
	Chromium										0.0084	0.0085	ND	0.0404	0.022	NS	ND	0.0184	0.0355
	Cobalt										ND	ND	ND	0.014	ND	NS	0.00517	ND	0.0174
	COD										ND	7.5	ND	ND	ND	NS	ND	ND	ND
	Copper										0.008	0.0118	0.00689	0.028	0.0163	NS	0.0106	0.0543	0.0411
	Hardness										19	25	22	32	32	NS	48	46	30
	Iron										1.38	3.14	0.68	1.27	0.725	NS	1.46	2.2	17.3
	Lead										ND	0.0055	ND	ND	ND	NS	ND	ND	**0.0221**
	Magnesium										2.15	3.75	3.25	3.59	4.81	NS	5.72	4.58	6.91
	Manganese										0.12	0.173	0.204	0.148	0.151	NS	0.602	0.42	0.595
	Mercury										ND	ND	ND	0.00059	0.00076	NS	0.00029	0.001	0.00072
	Nickel										0.0102	0.0092	0.00547	0.032	0.0301	NS	0.0278	0.0165	0.0244
	Nitrate										ND	ND	ND	ND	ND	NS	ND	ND	0.2
	pH												5.14	6.08	5.96	NS	5.31	NT	6.56
	Potassium										1.94	2.32	1.8	2.12	2.14	NS	2.27	2.12	5.83
	Selenium										ND	ND	ND	ND	ND	NS	ND	ND	ND
	Silver										ND	ND	ND	ND	ND	NS	ND	ND	ND
	Sodium										7.15	7.07	6.09	10.4	8.38	NS	9.54	7.47	5.02
	Spec. Cond.												73.1	118.1	89.6	NS	104.3	NT	55.7
	Sulfate										ND	ND	ND	ND	ND	NS	ND	ND	ND
	TDS										465	112	108	84	100	NS	4	70	84
	Thallium										ND	ND	ND	ND	ND	NS	ND	ND	ND
	Turbidity										58.9	117.6	NT	NT	NS	NS	11.3	NT	
	Vanadium										ND	ND	ND	ND	ND	NS	ND	ND	0.0192
	Zinc										0.0114	0.0229	0.0187	0.0369	0.0247	NS	0.0322	NT	0.0856

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Monitoring Location MW2B	Alkalinity										29	37	33	40	36	41	34	37	23
	Ammonia										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium										0.0113	0.0095	0.0123	0.00636	0.00799	0.00706	0.00696	0.00712	0.0192
	Beryllium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium										4.92	8.72	7.2	9.89	11.7	10.7	10.1	11	5.48
	Chloride										ND	ND	ND	ND	2.55	ND	ND	2.58	4.06
	Chromium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt										ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD										ND	ND	ND	ND	ND	12.6	ND	ND	ND
	Copper										0.0054	ND	ND	0.00608	ND	ND	ND	ND	ND
	Hardness										18	24	35	30	34	34	30	56	28
	Iron										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Lead										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium										1.94	2.84	2.85	2.44	3.04	2.58	2.56	2.74	3.14
	Manganese										0.0868	0.063	0.044	0.0393	0.0302	0.0342	0.023	0.0211	0.0629
	Mercury										ND	ND	ND	ND	0.00058	ND	ND	ND	ND
	Nickel										ND	ND	ND	0.00523	0.00624	ND	ND	ND	ND
	Nitrate										ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH												5	5.39	5.49	5.61	5.13	5.31	5.22
	Potassium										1.36	1.58	1.39	1.66	1.74	1.83	1.47	1.59	1.47
	Selenium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium										6.99	5.22	4.88	8.64	4.89	4.66	4.17	4.62	4.25
	Spec. Cond.												54.9	76	78.6	94.8	74	78.2	55.1
	Sulfate										ND	ND	ND	ND	ND	ND	ND	ND	ND
	TDS										648	56	44	92	84	4	72	66	1164
	Thallium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity										2.43	1.29	NT	NT	NS	0.57	0	0.9	0.7
	Vanadium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc										0.00606	0.008	0.00794	0.00753	0.00694	0.00721	0.00981	0.00716	0.0113

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Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location MW3A	Alkalinity										40	24	21	24	21	17.2	16	17	13.5
	Ammonia										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium										0.144	0.0519	0.111	0.223	0.113	0.0487	0.0332	0.0367	0.058
	Beryllium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium										6.89	6.1	11.1	17.2	10.1	7.11	5.41	4.52	5.5
	Chloride										ND	2.94	2.89	5.28	2.76	2.6	ND	2.91	3.1
	Chromium										0.053	0.0067	0.00753	0.0815	0.05	0.0277	0.0133	0.0121	0.0206
	Cobalt										0.041	0.0108	0.0188	0.0397	0.0267	0.00937	0.00514	0.00563	0.0108
	COD										ND	ND	ND	6.3	ND	ND	ND	ND	ND
	Copper										0.118	0.018	0.0273	0.122	0.0773	0.0332	0.0196	0.0288	0.028
	Hardness										130	14	22	50	44	34	16	78	38
	Iron										61.7	5.99	6.67	86.1	44.4	17	11.7	10.1	15.8
	Lead										**0.0259**	0.0089	**0.023**	**0.0435**	**0.02**	0.0088	ND	0.0052	0.00963
	Magnesium										20.9	3.68	7.04	28.1	15.6	6.68	5.37	5.74	6.12
	Manganese										1.08	0.343	0.629	1.17	0.715	0.24	0.141	0.172	0.416
	Mercury										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel										0.0816	0.0067	0.00978	0.0752	0.0544	0.0224	0.0128	0.0126	0.0202
	Nitrate										ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH												5.55	5.85	5.86	5.99	5.49	5.4	6.13
	Potassium										13	1.98	2.86	15	9.8	3.99	3.03	2.77	3.56
	Selenium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium										7.66	4.12	4.19	4.33	3.88	4.1	3.81	4.24	3.28
	Spec. Cond.												36.1	41.4	39	43.7	37.1	30.3	33.1
	Sulfate										ND	ND	ND	ND	ND	ND	ND	ND	ND
	TDS										100	60	144	112	60	16	126	10	74
	Thallium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity										1535	151.5	NT	NT	NS	982	982	1000+	1.8
	Vanadium										0.0529	0.01	0.0124	0.1	0.058	0.022	0.0134	0.0132	0.0212
	Zinc										0.227	0.0275	0.0459	0.235	0.159	0.06	0.0372	0.041	0.0639

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Table 4
Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location MW3B	Alkalinity										160	110	80	111	137	118	123	112	105
	Ammonia										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium										0.0943	0.237	0.175	0.0994	0.13	0.0643	0.12	0.0491	0.0808
	Beryllium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium										10.7	63	57.4	42.3	61.8	44.4	54.5	34.3	33.3
	Chloride										ND	4.59	2.57	3.49	3.46	2.76	3.05	2.63	ND
	Chromium										0.0246	0.018	0.0129	0.0409	0.184	0.0478	**0.124**	0.053	0.0655
	Cobalt										ND	0.027	0.00643	0.012	0.0243	0.00927	0.0157	0.00581	0.0113
	COD										ND	22.4	7.6	6.7	ND	ND	ND	ND	ND
	Copper										0.0125	0.0533	0.0184	0.0403	0.105	0.0308	0.054	0.0258	0.0467
	Hardness										100	66	45	114	188	132	162	130	118
	Iron										1.33	9.62	3.89	19.4	19.15	8.89	24.9	5.68	11.4
	Lead										ND	**0.041**	0.011	0.0138	0.0163	0.00869	**0.0171**	0.00773	0.0134
	Magnesium										0.715	10.6	5.36	11.7	11.3	7.41	12	6.81	7.09
	Manganese										0.0395	1.26	0.276	0.371	0.584	0.33	0.465	0.221	0.385
	Mercury										ND	ND	ND	ND	ND	ND	0.00031	ND	ND
	Nickel										0.0266	0.031	0.0103	0.0363	0.278	0.0425	0.114	0.0605	0.0648
	Nitrate										ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH												10.2	8.47	7.33	8.03	7.59	7.11	7.32
	Potassium										26	9.54	9.11	7.83	7.26	4.18	6.49	3.19	3.55
	Selenium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium										56.7	107	41	48.6	51.1	36	30.1	19.4	17
	Spec. Cond.												279.6	223.9	329.1	161.1	221.9	214	146.9
	Sulfate										13.5	165	36.9	65.7	94.4	52.6	43.2	29.4	23.6
	TDS										332	472	188	268	292	158	242	228	256
	Thallium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity										42	2130	NT	NT	NS	11.3	22.7	27.8	30.1
	Vanadium										0.0047	0.0279	0.0098	0.022	0.0216	0.0112	0.0233	0.00683	0.0136
	Zinc										0.0123	0.108	0.0359	0.0724	0.0988	0.0429	0.0801	0.03	0.0612

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Monitoring Location MW04	Alkalinity										70	60	52	56	51	55	55	55	51
	Ammonia										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium										0.228	0.0431	0.0409	0.0721	0.0383	0.0383	0.0417	0.0417	0.042
	Beryllium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium										34.4	35.5	34.5	40.4	33.4	39.6	35.1	35.1	35
	Chloride										106	138	120	145	125	141	128	128	139
	Chromium										0.0261	ND	ND	0.00761	ND	ND	ND	ND	ND
	Cobalt										0.0264	ND	ND	ND	ND	ND	ND	ND	ND
	COD										ND	ND	ND	3.1	ND	ND	ND	ND	ND
	Copper										0.037	ND	ND	0.0145	ND	0.0133	ND	ND	ND
	Hardness										183	200	163	188	162	186	170	170	194
	Iron										37.6	1.21	1.06	7.69	0.889	0.97	0.786	0.786	1.02
	Lead										**0.022**	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium										30.9	25.8	22.9	25.5	19.6	22.6	23.2	23.2	21.1
	Manganese										2.87	0.138	0.104	0.549	0.115	0.175	0.142	0.142	0.123
	Mercury										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel										0.0758	0.0108	0.00554	0.0157	0.00948	0.0108	0.00928	0.00928	0.00764
	Nitrate										0.3756	0.378	0.406	0.47	0.444	0.465	0.489	0.489	0.566
	pH												5.7	5.96	5.5	6.11	6.05	6.05	6.24
	Potassium										12.2	3.56	2.76	4.51	3.01	3.47	2.53	2.53	2.79
	Selenium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium										29.4	30.2	29.4	29.7	24.9	30.9	29.6	29.6	28.3
	Spec. Cond.												421.5	587.4	501.7	620.9	485.6	485.6	498.8
	Sulfate										ND	ND	ND	ND	ND	4.26	4.01	4.01	4.73
	TDS										552	552	520	528	428	310	442	442	370
	Thallium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity										880	13.2	NT	NT	NS	59.7	45.2	45.2	87
	Vanadium										0.0213	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc										0.138	0.00782	0.00755	0.0313	0.00689	0.00903	0.00733	0.00733	0.0108

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Monitoring Location MW06	Alkalinity										260	264	214	238	197	216	183	208	201
	Ammonia										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium										0.675	0.303	0.319	0.365	0.433	0.259	0.301	0.3	0.393
	Beryllium										**0.007**	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium										**0.0082**	ND	**0.00656**	**0.00618**	**0.00888**	ND	ND	ND	ND
	Calcium										62.6	73.9	70.3	78.7	72.8	76.3	79.8	80.1	90.2
	Chloride										222	200	226	243	255	258	304	282	411
	Chromium										0.0533	ND	ND	0.00728	0.0229	0.00506	0.00639	0.0118	ND
	Cobalt										0.33	0.322	0.216	0.374	0.343	0.388	0.263	0.281	0.466
	COD										ND	17.3	ND	ND	ND	ND	ND	ND	ND
	Copper										0.143	0.0157	0.0106	0.0243	0.0414	0.0133	0.0149	0.0157	0.00913
	Hardness										430	1720	430	470	452	472	500	500	632
	Iron										69.4	2.9	0.897	4.76	17.9	3.47	7.65	8.65	2.39
	Lead										**0.0519**	0.0101	0.011	0.0137	0.00953	ND	0.00541	0.00552	ND
	Magnesium										57.9	54.9	53.5	56.3	53.1	54.9	56.7	56.3	65
	Manganese										38.9	54	37.63	44.4	37.6	48	40	44.7	54.3
	Mercury										ND	0.00035	ND	ND	ND	ND	ND	ND	ND
	Nickel										0.154	0.0339	0.032	0.0429	0.0634	0.0463	0.0379	0.0409	0.0532
	Nitrate										0.0757	ND	ND	ND	ND	ND	ND	ND	ND
	pH												5.58	5.86	5.44	6.17	5.62	6.09	5.85
	Potassium										4.92	2.94	3.71	3.63	4.19	3.77	4	3.35	3.97
	Selenium										0.0429	0.0113	0.00983	0.00963	0.0151	0.00839	0.0133	0.00843	0.00837
	Silver										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium										56.2	63.1	61.2	70.9	59.6	65.3	66	64.3	89.8
	Spec. Cond.												984.9	1228	1211	1352	1248	1214	1557
	Sulfate										54.1	58.7	45.2	43.4	47.4	48	50	62.1	70.6
	TDS										1080	868	1036	976	776	644	878	718	96
	Thallium										ND	ND	0.0001	ND	ND	ND	ND	ND	ND
	Turbidity										5300	1540	NT	NT	NS	270	2651	589	129.6
	Vanadium										0.0531	ND	ND	0.0054	0.0149	ND	ND	0.00508	ND
	Zinc										0.5	0.0516	0.0487	0.0616	0.136	0.0515	0.0561	0.0627	0.0456

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Monitoring Location MW07	Alkalinity										90	42	69	42	31	68	48	139	259
	Ammonia										ND	ND	ND	ND	ND	ND	ND	0.265	0.377
	Antimony										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium										0.0666	0.0674	0.0636	0.058	0.0631	0.0635	0.0732	0.0659	0.102
	Beryllium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium										46.7	46.5	55.2	41.7	44.5	48.9	45.4	55.6	81.6
	Chloride										131	119	117	70.3	108	118	117	123	166
	Chromium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt										0.0066	ND	ND	0.0065	0.00727	ND	ND	0.01	0.0103
	COD										12.6	15	15.1	14.6	ND	21.2	ND	23.7	35.8
	Copper										0.016	0.01	0.0084	0.0115	0.013	0.0172	0.011	0.0111	0.0148
	Hardness										650	219	241	198	216	238	212	294	418
	Iron										0.69	0.517	ND	0.478	0.413	0.391	0.29	3.31	2.23
	Lead										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium										23.2	28.1	31.5	25.7	24.7	27.6	27.7	28.7	44.1
	Manganese										2.01	0.761	0.562	0.681	0.34	1.3	1.22	1.88	5.81
	Mercury										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel										0.0157	0.0064	0.00506	0.00667	0.00779	0.00689	0.00694	0.00771	0.00894
	Nitrate										**10.35**	**14.59**	**18.45**	**29.09**	**22.65**	**15.0122**	**15.75**	6.206	2.17
	pH												5.55	5.62	5.04	5.79	5.57	5.55	6.27
	Potassium										3.16	3.81	3.36	3.09	3.8	4.23	2.82	3.81	4.17
	Selenium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium										33.4	32.6	31.7	22.7	23.1	24.1	24.7	25.7	48.2
	Spec. Cond.												568.3	601.2	614.9	693.4	580.1	667.6	1005
	Sulfate										13.1	12.4	11.7	5.6	11	5.66	7.76	10.5	21
	TDS										648	552	788	528	560	420	524	442	650
	Thallium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity										11.1	6.06	NT	NT	NS	0.8	3.7	6.09	10.1
	Vanadium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc										0.0246	0.0119	0.0106	0.0148	0.014	0.00977	0.00991	0.00955	0.0118

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Monitoring Location MW08	Alkalinity										190	480	209	166	178	175	89	233	187
	Ammonia										0.726	1.94	ND	ND	ND	ND	ND	ND	ND
	Antimony										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium										0.273	0.177	0.109	0.12	0.419	0.12	0.156	0.111	0.12
	Beryllium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium										59	114	76.2	70.1	67.4	67.5	46.9	87.3	64
	Chloride										190	207	210	198	223	172	197	142	160
	Chromium										0.0215	ND	ND	ND	0.0654	ND	0.0221	ND	ND
	Cobalt										0.0816	ND	ND	ND	0.0838	ND	ND	ND	ND
	COD										ND	26.3	6.2	11.5	ND	ND	ND	16	11.8
	Copper										0.054	0.0145	0.0067	0.00811	0.131	0.0134	0.0107	0.00694	0.0061
	Hardness										270	600	99	332	344	302	218	412	316
	Iron										15.1	1.69	0.69	1.15	46.3	0.498	1.64	1.25	0.485
	Lead										0.01	ND	ND	ND	0.027	ND	ND	ND	ND
	Magnesium										36.9	90.9	50.2	40.5	39.6	33.9	27.1	46	37.7
	Manganese										3.46	0.144	0.0902	0.0101	2.36	0.0338	0.182	0.0111	0.0108
	Mercury										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel										0.0534	0.0082	0.00713	0.0065	0.0821	ND	0.0241	0.00754	ND
	Nitrate										7.63	**13.85**	5.65	**14.79**	**9.61**	4.75	5.21	**14.55**	9.43
	pH												6.65	6.59	5.76	6.57	6.39	6.61	6.81
	Potassium										10.4	19.1	14	11.8	12.9	13.6	8	12.7	10.8
	Selenium										ND	ND	ND	ND	0.0076	ND	ND	ND	ND
	Silver										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium										104	139	124	106	102	95.7	100	78.8	91.5
	Spec. Cond.												1040	1154	1199	1157	907.6	1121	964.7
	Sulfate										55	68.5	72.6	67.4	69	95.1	57.6	136	92.7
	TDS										696	1136	1016	776	712	642	520	740	624
	Thallium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity										1227	22.7	NT	NT	NS	8.7	NM	35.2	11.6
	Vanadium										0.0366	ND	ND	ND	0.0874	ND	ND	ND	ND
	Zinc										0.16	0.0143	0.0109	0.0104	0.22	0.00708	0.0311	0.00846	0.00925

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Monitoring Location MW09	Alkalinity										64	110	44	34	37	33	28	35	30
	Ammonia										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium										0.334	0.156	0.172	0.0682	1.33	0.0722	0.115	0.338	0.688
	Beryllium										ND	ND	ND	ND	ND	ND	ND	ND	**0.00551**
	Cadmium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium										15.8	14.9	12.4	10.48	17.5	12	11	14.8	10.1
	Chloride										11.9	10.9	12.3	12.1	13.6	12.9	13.9	152	15.7
	Chromium										0.0588	0.032	ND	0.00903	0.0384	0.027	0.0263	0.0363	**0.128**
	Cobalt										0.0341	0.016	ND	ND	0.0603	0.00569	0.00872	0.0138	0.0684
	COD										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Copper										0.0339	0.0174	ND	0.0083	0.0369	0.0196	0.017	0.0177	0.0508
	Hardness										80	48	140	50	84	46	48	68	46
	Iron										48.6	16.7	ND	3.05	26.2	6.41	14.7	22.2	86.7
	Lead										**0.0373**	0.0132	0.0124	ND	0.0544	ND	0.0109	0.0137	**0.0648**
	Magnesium										24.4	13.2	6.9	7.22	15.9	8.44	11.8	15.7	38.2
	Manganese										1.8	0.689	0.196	0.242	3.19	0.273	0.415	0.626	2.56
	Mercury										ND	ND	0.00035	ND	0.00045	ND	ND	ND	ND
	Nickel										0.0553	0.0274	ND	0.00936	0.034	0.0217	0.0249	0.0318	0.109
	Nitrate										1.25	1.25	1.14	1.47	1.18	1.45	1.49	1.36	1.26
	pH												5.25	5.08	5.23	5.42	5.05	5.07	5.5
	Potassium										17.8	7.41	1.54	2.09	9.63	3.45	5.4	8.61	30.3
	Selenium										ND	ND	ND	ND	0.00879	ND	ND	ND	0.00778
	Silver										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium										7.23	3.75	3.91	4.26	3.77	7.95	4.13	87.1	9.44
	Spec. Cond.												105.3	105.1	122.5	120.2	70.2	579.6	108.1
	Sulfate										ND	ND	ND	ND	ND	ND	ND	ND	ND
	TDS										168	172	116	80	112	196	96	370	72
	Thallium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity										1160	398	NT	NT	NS	446	1235	644	500
	Vanadium										0.0541	0.0285	ND	ND	0.0306	0.00762	0.0167	0.0258	0.117
	Zinc										0.189	0.0777	0.0166	0.0242	0.157	0.0363	0.0871	0.0867	0.398

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Monitoring Location MW10	Alkalinity										100	75	78	65	79	59	86	68	4.6
	Ammonia										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium										1.49	0.124	0.414	0.116	0.157	0.0878	0.448	0.104	0.682
	Beryllium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium										29.1	14.2	21.2	16.1	21.1	17.2	23.3	18.3	50.6
	Chloride										6.75	19.4	8.02	8.31	9.6	6.76	7.95	6.97	283
	Chromium										**0.125**	ND	0.00566	0.0102	0.0174	0.00814	0.0677	ND	0.0251
	Cobalt										0.0659	ND	0.0103	0.00519	0.00667	ND	0.0308	ND	0.0139
	COD										ND	36.6	ND	4.4	ND	ND	ND	ND	ND
	Copper										0.197	0.0123	0.0292	0.027	0.0283	0.0254	0.108	0.0139	0.0313
	Hardness										110	70	72	68	82	60	90	82	236
	Iron										201	ND	5.7	9	12.6	5.5	55.7	4.31	22.1
	Lead										**0.0611**	ND	**0.0153**	ND	0.00502	ND	**0.0181**	ND	**0.0185**
	Magnesium										78.3	9.1112	10.7	9.78	11.2	8.42	26.4	9.06	30.6
	Manganese										3.59	0.044	0.38	0.158	0.212	0.0983	0.931	0.0692	0.58
	Mercury										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel										0.111	ND	0.013	0.0112	0.0172	0.00985	0.0607	0.00743	0.0254
	Nitrate										ND	ND	ND	ND	ND	ND	ND	ND	3.91
	pH												5.35	5.8	5.53	5.95	5.9	5.62	5.16
	Potassium										43.5	1.26	2.12	2.78	3.27	2.29	11.3	1.81	6.43
	Selenium										0.0085	ND	ND	ND	ND	ND	ND	ND	ND
	Silver										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium										12.4	10.1	8.3	8.54	9.1	12.4	9.52	9.11	90.2
	Spec. Cond.												132.5	144.6	184	164.9	183	148.4	983.8
	Sulfate										7.56	8.3	7.83	8.02	7.4	8.41	6.47	8.64	18.8
	TDS										148	140	140	116	160	162	142	144	680
	Thallium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity										4340	3140	NT	NT	NS	203	1583	114	401
	Vanadium										0.189	ND	0.00943	0.0242	0.0319	0.0143	0.124	0.0107	0.0273
	Zinc										0.337	0.132	0.0575	0.0335	0.0444	0.0272	0.19	0.0606	0.0898

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Table 4
Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location MW11A	Alkalinity										50	27	40	33	37	29	33	16.2	31
	Ammonia										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium										0.749	0.274	0.148	0.138	0.183	0.111	0.185	0.158	0.083
	Beryllium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium										23.4	14.8	15.1	11.4	15.8	12.5	17.3	10.9	12.9
	Chloride										4.22	10.9	4.52	4.17	5.1	4.99	5.14	4.21	4.97
	Chromium										**0.144**	0.0273	0.00963	0.0354	0.0514	0.032	0.0518	0.0384	0.0143
	Cobalt										0.0695	0.0181	0.0103	0.014	0.0213	0.0119	0.0212	0.0155	0.00554
	COD										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Copper										0.0825	0.026	0.0135	0.0452	0.0409	0.0321	0.046	0.0413	0.0156
	Hardness										90	36	54	52	80	46	60	200	58
	Iron										149	12.1	7.54	22.56	30.8	18.4	30.7	27.8	9.84
	Lead										**0.0499**	**0.0156**	0.0122	0.00689	0.0136	0.00611	0.0117	0.00791	ND
	Magnesium										66.6	11.2	8.63	11.7	13.9	9.74	16.4	12.7	7.8
	Manganese										3.47	0.738	0.319	0.451	0.693	0.326	0.633	0.464	0.169
	Mercury										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel										0.145	0.0277	0.0171	0.0312	0.0486	0.0297	0.0489	0.036	0.0134
	Nitrate										1.4774	1.1	1.94	1.29	2.25	1.87	2.57	1.09	2.34
	pH												5.14	5.51	5.49	5.78	5.72	5.54	5.76
	Potassium										27.7	1.87	1.3	4.85	4.82	3.64	6.81	5.26	2.34
	Selenium										0.0056	ND	ND	ND	ND	ND	ND	ND	ND
	Silver										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium										8.49	4.21	5.15	4.66	4.57	8.24	5.31	3.89	4.7
	Spec. Cond.												92	93.3	114.8	111.2	111.7	76.9	101
	Sulfate										7.07	6.28	5.94	5.83	5.76	6.22	5.93	6.78	6.37
	TDS										108	72	96	64	108	176	116	87	78
	Thallium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity										4880	1600	NT	NT	NS	766	1272	607	630
	Vanadium										0.124	0.0093	0.00545	0.0425	0.057	0.0328	0.0555	0.0424	0.0171
	Zinc										0.334	0.0938	0.0493	0.0788	0.109	0.069	0.124	0.0925	0.034

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Table 4
Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location MW11B	Alkalinity										100	69	65	68	61	61	62	68	73
	Ammonia										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium										0.0744	0.0194	0.0188	0.0252	0.021	0.021	0.0261	0.0348	0.0256
	Beryllium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium										34.4	15.4	14.9	14.3	15.9	15.9	16.9	17.5	17.6
	Chloride										4.18	4.79	4.38	4.9	5.06	5.06	6.57	6.14	6.38
	Chromium										0.0082	ND	ND	ND	ND	ND	ND	0.00518	ND
	Cobalt										0.005	ND	ND	ND	ND	ND	ND	ND	ND
	COD										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Copper										0.0131	ND	ND	0.00742	ND	ND	0.00552	0.00699	ND
	Hardness										94	66	58	62	62	62	62	72	86
	Iron										6.97	ND	ND	1.37	0.567	0.567	0.948	2.73	0.705
	Lead										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium										8.36	6.63	6.3	7.72	6.62	6.62	8.18	9.36	8.63
	Manganese										0.167	0.012	0.0107	0.0345	0.0178	0.0178	0.021	0.0516	0.0142
	Mercury										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel										0.009	ND	ND	ND	ND	ND	ND	0.00535	ND
	Nitrate										2.307	2.33	2.19	2.56	2.37	2.37	2.38	2.74	2.82
	pH												6.13	6.36	6.17	6.17	6.46	6.19	6.56
	Potassium										2.5	0.888	0.93	1.12	0.941	0.941	1.17	1.46	0.946
	Selenium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium										12.6	9.1	8.49	9.38	8.14	8.14	9.42	9.7	9.22
	Spec. Cond.												123	156	147.8	147.8	144.9	160	171.5
	Sulfate										ND	ND	ND	ND	ND	ND	ND	ND	ND
	TDS										156	132	116	132	136	136	134	156	108
	Thallium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity										72.4	4.99	NT	NT	NS	NS	15.8	40.5	7.4
	Vanadium										0.0229	ND	ND	0.00615	ND	ND	0.0058	0.0088	ND
	Zinc										0.0209	ND	ND	0.0106	0.00657	0.00657	0.00743	0.0122	ND

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location MW12	Alkalinity										15	16	22	12	10	7	7.9	6	75
	Ammonia										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium										1.32	0.749	0.615	0.635	0.472	0.473	0.392	0.471	0.354
	Beryllium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium										82	78.8	65.6	65.2	47.4	44.5	45.5	46.4	19.7
	Chloride										374	371	286	348	211	246	197	251	7.3
	Chromium										0.1	ND	ND	0.0181	0.0261	ND	0.0115	ND	0.0436
	Cobalt										0.0492	ND	ND	ND	0.012	ND	ND	ND	0.0213
	COD										ND	ND	ND	6.1	ND	ND	ND	ND	ND
	Copper										0.109	0.0111	0.00629	0.0168	0.0339	0.0159	0.0167	0.00787	0.078
	Hardness										360	356	280	276	188	196	170	206	88
	Iron										100	2.59	1.22	4.09	17	1.27	7.12	1.17	36.8
	Lead										**0.0616**	ND	0.0106	ND	0.0168	ND	0.00655	ND	0.0112
	Magnesium										69.5	43.1	29.1	32.7	23	21.1	21.6	22.9	19.5
	Manganese										3.02	0.138	0.103	0.155	0.532	0.0835	0.177	0.0658	0.596
	Mercury										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel										0.0938	0.0113	0.00795	0.0205	0.0257	0.00961	0.0136	0.00786	0.0388
	Nitrate										5.0188	4.38	4.87	4.43	4.9	4.49	5.02	4.33	ND
	pH												4.66	4.8	5.01	5.19	4.82	4.85	5.96
	Potassium										23.1	5.14	4.12	4.49	5.42	4.06	4.3	3.27	8.02
	Selenium										0.0062	ND	ND	ND	ND	ND	ND	ND	ND
	Silver										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium										81.5	104	73.7	96.2	57.8	76.9	61.4	88.4	8.05
	Spec. Cond.												836.7	1142	757	976.6	668	835.9	159.4
	Sulfate										14.7	14.3	15.5	13.9	15.7	15	17.3	18.2	8.23
	TDS										1520	1184	1020	1012	720	600	646	624	134
	Thallium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity										3920	57.4	NT	NT	NS	84.3	160	50.1	358.3
	Vanadium										0.085	ND	ND	ND	0.0246	ND	0.00879	ND	0.0893
	Zinc										0.269	0.0352	0.0306	0.039	0.0754	0.0238	0.0443	0.0241	0.132

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Table 4
Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location MW13A	Alkalinity										50	224	34	227	32	34	32	34	36
	Ammonia										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium										0.332	0.199	0.273	0.687	0.249	0.213	0.397	0.44	0.476
	Beryllium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium										26.5	23.8	24.5	29.1	26.3	25	26.9	29	26.8
	Chloride										84.3	83.5	85.1	86.1	90.7	88.2	87.9	86.8	85.8
	Chromium										0.024	ND	ND	0.0853	0.0224	0.00838	0.0409	0.0436	0.0342
	Cobalt										0.029	0.0079	0.0114	0.0683	0.017	0.0109	0.0351	0.0378	0.0335
	COD										34.6	ND	ND	10.1	ND	17.2	ND	10.9	18.6
	Copper										0.071	0.0121	0.0137	0.197	0.0421	0.0271	0.09	0.095	0.0753
	Hardness										160	128	125	164	148	132	136	270	148
	Iron										28.3	3.32	2.96	108	17.3	10.3	45.7	45.9	44
	Lead										0.0112	ND	0.00686	**0.0327**	0.0069	ND	0.0146	**0.0172**	**0.0215**
	Magnesium										23.5	20.7	19.7	47	19.7	18.2	30.5	31.9	28.6
	Manganese										0.876	0.302	0.376	1.88	0.54	0.333	1.03	0.954	1.3
	Mercury										0.00032	0.00026	0.00062	**0.00257**	0.00039	0.00033	0.00075	0.00142	0.00198
	Nickel										0.0345	0.01	0.00966	0.0773	0.0249	0.0135	0.0427	0.0462	0.0359
	Nitrate										2.48	2.29	2.17	1.97	2.08	1.88	1.67	1.52	1.2861
	pH												4.79	4.93	4.91	5.32	5.12	5.31	5.34
	Potassium										8.65	3.03	2.72	22.6	6.15	4.75	11.3	12.2	11.6
	Selenium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium										17.6	16.1	15.5	15.1	14.9	16.5	12.5	14.3	13.3
	Spec. Cond.												303	362.1	362.5	406.3	290.5	214.5	83.3
	Sulfate										ND	ND	ND	ND	ND	ND	ND	ND	ND
	TDS										380	324	456	392	336	174	348	312	288
	Thallium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity										1048	56.8	NT	NT	NS	1082	1220	934	1349
	Vanadium										0.0626	0.0099	0.00944	0.238	0.0461	0.0197	0.113	0.0979	0.0903
	Zinc										0.0902	0.0194	0.0224	0.231	0.0585	0.033	0.126	0.134	0.108

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013	Fall 2013	Spring 2014	Fall 2014
Monitoring Location MW13B	Alkalinity										230	720	226	742	226	224	221	218	221
	Ammonia										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium										0.0676	0.073	0.0706	0.0746	0.0676	0.0748	0.0754	0.0794	0.0814
	Beryllium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium										82.7	80.5	83.4	91.2	81.4	83	86.2	90	85.2
	Chloride										84.6	84.7	85.5	89.5	86.4	91	89.4	92.4	97.1
	Chromium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt										ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD										6.2	9.6	3.4	12.1	ND	ND	ND	ND	ND
	Copper										0.0063	ND	ND	ND	ND	0.01	ND	ND	ND
	Hardness										360	313	67	334	316	314	328	340	342
	Iron										0.571	ND	ND	0.498	0.447	0.537	0.411	0.458	0.498
	Lead										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium										27.6	31.4	31.2	32.2	26.9	28.1	30.4	30.2	28.7
	Manganese										0.0306	0.0323	0.0324	0.0382	0.0403	0.0331	0.0371	0.0342	0.0361
	Mercury										0.0002	ND	ND	ND	0.00029	0.0002	0.00027	0.00022	0.00024
	Nickel										ND	ND	ND	0.00581	0.00683	ND	0.00565	0.00514	ND
	Nitrate										1.467	1.62	1.6	1.88	2.08	2.27	2.44	2.7	2.91
	pH												5.85	5.88	5.64	6.2	6.07	6.15	6.28
	Potassium										3.3	4.07	3.53	3.5	3.67	4.71	3.35	3.66	3.45
	Selenium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium										19.9	18.2	17.9	18.9	15.9	19.9	16.4	17.7	17.7
	Spec. Cond.												586.8	713.4	706.1	781	673.7	676.3	716.8
	Sulfate										6.18	ND	6.71	7.55	7.58	7.33	8.33	9.35	10.5
	TDS										540	572	640	560	480	474	502	458	454
	Thallium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity										0.232	0.364	NT	NT	NS	0	0	0.69	0
	Vanadium										ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc										ND	ND	ND	0.00501	0.00618	ND	0.00659	0.00636	0.00537

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TABLE A - Filtered and Unfiltered Sampling Results for Metals

Parameter		Monitoring Well										
		OB01	**OB02**	**OB02A**	**OB03**	**OB03A**	**OB04**	**OB04A**	**OB06**	**OB07**	**OB07A**	**OB08**
FILTERED	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	0.00504	ND	ND	ND	ND
	Barium	0.261	0.0601	0.435	0.548	0.42	0.284	0.0675	0.194	0.029	0.0464	0.127
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	91.5	24.8	98.3	65.2	65.2	160	116	137	128	83	58.7
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0143	ND	ND	0.0524	0.0493	ND	ND	ND	ND	ND	0.00642
	Copper	0.0071	ND	ND	ND	ND	0.0375	0.0266	0.00759	ND	ND	ND
	Iron	0.549	0.317	0.546	18.9	22.8	0.955	0.704	0.771	0.681	0.459	0.737
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	54.8	10.3	58.7	38.4	41.7	81.7	81.5	57	40.7	47.7	15.6
	Manganese	6.19	0.673	0.0487	20.1	15	2.97	1.57	0.504	0.0386	0.0554	6.5
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	0.00034	0.00046	ND
	Nickel	0.0336	ND	0.0121	0.0166	0.0148	0.0144	0.021	0.0118	ND	ND	0.00738
	Potassium	4.43	3.16	4.95	7.16	9.92	7.5	5.37	4.38	3.4	2.23	2.69
	Selenium	ND	ND	ND	ND	ND	0.0206	0.0229	0.0147	0.00702	0.00998	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	99.3	10	39	47.6	67.8	69.4	85.6	93.5	22.3	25.3	25
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	0.0159	0.00697	0.00957	0.0165	0.0127	0.0115	0.0244	0.0258	ND	0.00798	0.00784
UNFILTERED	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	0.00509	ND	ND	ND	ND
	Barium	0.276	0.0636	0.436	0.536	0.419	0.291	0.0681	0.193	0.029	0.0463	0.132
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	89.2	23.6	91.2	60.2	58.6	169	121	130	127	80.2	57.1
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0148	ND	ND	0.0522	0.0496	ND	ND	ND	ND	ND	0.00692
	Copper	0.00868	ND	ND	ND	ND	0.0393	0.0291	0.0106	ND	ND	ND
	Iron	0.675	0.922	0.567	17.6	20.6	0.993	0.998	2.69	0.699	0.52	0.739
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	53	10.6	54.3	35.3	37.6	86.1	85.2	55.5	40.3	46	15.1
	Manganese	5.72	0.699	0.0503	20.6	15	2.95	1.58	0.494	0.0394	0.0762	6.26
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	0.00051	0.00072	ND
	Nickel	0.0387	ND	0.0125	0.0165	0.015	0.0149	0.0219	0.0129	ND	ND	0.00892
	Potassium	4.43	3.27	4.95	7.12	10	7.71	5.51	4.68	3.3	2.25	2.7
	Selenium	ND	ND	ND	ND	ND	0.0208	0.0233	0.0134	0.00629	0.00927	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	95.4	10.3	36.8	43.6	60.1	73.1	89.6	91	22.1	24.2	24
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	0.0174	0.00818	0.00972	0.0166	0.0129	0.0109	0.026	0.0283	ND	0.00834	0.0106

ND: Not Detected
NS: Not Sampled

TABLE A - Filtered and Unfiltered Sampling Results for Metals

Parameter			Monitoring Well										
			OB08A	OB10	OB102	OB105	OB11	OB11A	OB12	OB15	OB25	MW1B	MW2A
	FILTERED	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Arsenic	ND	ND	0.00519	ND	ND	ND	ND	ND	ND	ND	ND
		Barium	0.0753	0.0697	0.373	0.142	0.0323	0.186	0.0207	0.0765	0.117	0.00628	0.0255
		Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Cadmium	ND	ND	ND	ND	**0.0109**	ND	ND	ND	ND	ND	ND
		Calcium	49	53.2	111.13	158	141	100	37.2	13.3	68.9	7.49	5.6597
		Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Cobalt	0.0147	0.00796	0.0695	0.0108	ND	0.0247	ND	0.0178	0.016	ND	0.00582
		Copper	ND	ND	0.0457	0.00776	0.00755	0.00606	ND	ND	0.00542	ND	ND
		Iron	3.3	1.57	0.7361	4.24	0.73	1.1	0.218	11.3	0.431	ND	ND
		Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Magnesium	19.1	30.7	91.7	119	70.8	70.4	22.9	15.4	48	4.02	3.1722
		Manganese	7.69	NT	18.8	4.49	0.855	7.29	0.129	0.705	8.66	ND	0.401
		Mercury	ND	ND	ND	ND	0.00081	ND	ND	ND	ND	ND	ND
		Nickel	0.00665	0.01	0.0902	0.028	0.0354	0.0228	0.00819	0.0144	0.014	ND	ND
		Potassium	2.67	3.21	43.6	18.12	4.75	6.04	2.56	1.94	11.7	1.02	1.6061
		Selenium	ND	ND	0.0209	0.0128	0.00743	0.00619	ND	ND	ND	ND	ND
		Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Sodium	30.3	19.8	529	194	79.7	103	25.6	28.9	51.5	7.45	4.249
		Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Zinc	0.00811	0.0091	0.016	0.0452	0.041	0.0194	0.00937	0.0702	0.0104	0.00762	0.028
	UNFILTERED	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	**0.0212**	ND	ND
		Arsenic	ND	ND	0.00502	ND	ND	ND	ND	ND	**0.0263**	ND	ND
		Barium	0.077	0.0699	0.366	0.337	0.0323	0.185	0.0215	0.0944	0.624	0.00849	0.142
		Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	**0.116**	ND	ND
		Cadmium	ND	ND	ND	ND	**0.011**	ND	ND	ND	**0.115**	ND	ND
		Calcium	47.6	56.6	109	166	138	97.3	36.5	11.6	61.9	7.68	6.29
		Chromium	ND	ND	ND	0.0574	ND	ND	ND	0.00956	**0.305**	ND	0.0355
		Cobalt	0.0149	0.00784	0.0686	0.0436	ND	0.0246	ND	0.0174	0.336	ND	0.0174
		Copper	ND	ND	0.05	0.0958	0.00739	0.00671	ND	0.0281	0.337	0.00531	0.0411
		Iron	3.31	1.58	1.99	75.4	0.741	1.13	0.234	52.5	163	0.992	17.3
		Lead	ND	ND	ND	**0.028**	ND	ND	ND	0.00818	**0.122**	ND	**0.0221**
		Magnesium	18.7	32.5	89.73	137	70.2	69.1	22.5	14.5	90.3	4.36	6.91
		Manganese	7.33	5.01	18	5.17	0.858	7.37	0.129	0.639	12.8	0.0279	0.595
		Mercury	ND	ND	ND	**0.00437**	0.00141	ND	ND	ND	0.00023	ND	0.00072
		Nickel	0.00738	0.0101	0.0884	0.0915	0.0356	0.0225	0.00919	0.0214	0.4	0.00505	0.0244
		Potassium	2.6	3.29	43	23.4	4.71	5.83	2.51	1.8	13.2	1.14	5.83
		Selenium	ND	ND	0.0197	0.0144	0.0068	0.00542	ND	ND	0.0411	ND	ND
		Silver	ND	ND	ND	ND	ND	ND	ND	ND	0.0991	ND	ND
		Sodium	29.4	21	504		77.7	99.7	25.1	30.6	38.4	7.31	5.02
		Thallium	ND	ND	ND	ND	ND	ND	ND	ND	0.0778	ND	ND
		Vanadium	ND	ND	ND	0.0896	ND	ND	ND	ND	0.261	ND	0.0192
		Zinc	0.00911	0.00864	0.0194	0.391	0.0418	0.0189	0.00958	0.183	0.962	0.0143	0.0856

ND: Not Detected
NS: Not Sampled

TABLE A - Filtered and Unfiltered Sampling Results for Metals

Parameter			Monitoring Well										
			MW2B	MW3A	MW3B	MW04	MW06	MW07	MW08	MW09	MW10	MW11A	MW11B
	FILTERED	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Barium	0.0196	0.00679	0.014	0.0374	0.402	0.101	0.121	0.0517	0.521	0.0326	0.0226
		Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Calcium	5.47	3.82	24	33.9	98.2	84	62.1	7.77	50	11.9	17.3
		Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Cobalt	ND	ND	ND	ND	0.513	0.00883	ND	ND	ND	ND	ND
		Copper	ND	ND	ND	ND	0.00676	0.00712	0.00575	ND	0.00554	ND	ND
		Iron	ND	ND	ND	0.264	ND	2.01	0.405	ND	0.292	ND	ND
		Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Magnesium	3.08	1.55	3.74	20.4	69.2	45.1	36.4	4.88	23.8	4.28	8.41
		Manganese	0.0623	ND	0.0175	0.0662	52.7	5.74	ND	0.0495	0.0381	0.00781	ND
		Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Nickel	ND	ND	ND	0.00722	0.0564	0.00834	ND	ND	0.00572	ND	ND
		Potassium	1.44	0.89	1.99	2.61	4.28	4.19	11	0.977	3.27	0.65	0.797
		Selenium	ND	ND	ND	ND	0.00735	ND	ND	ND	ND	ND	ND
		Silver	ND	3.28	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Sodium	4.2	ND	17.6	27.3	98	49.2	88.8	10.4	91.2	4.8	9.22
		Thallium	ND	0.0212	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Vanadium	ND	0.0639	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Zinc	0.0121	ND	0.00788	0.00814	0.0454	0.00954	0.00929	0.0165	0.0194	0.00514	ND
	UNFILTERED	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Barium	0.0192	0.058	0.0808	0.042	0.393	0.102	0.12	0.688	0.682	0.083	0.0256
		Beryllium	ND	ND	ND	ND	ND	ND	ND	**0.00551**	ND	ND	ND
		Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Calcium	5.48	5.5	33.3	35	90.2	81.6	64	10.1	50.6	12.9	17.6
		Chromium	ND	0.0206	0.0655	ND	ND	ND	ND	**0.128**	0.0251	0.0143	ND
		Cobalt	ND	0.0108	0.0113	ND	0.466	0.0103	ND	0.0684	0.0139	0.00554	ND
		Copper	ND	0.028	0.0467	ND	0.00913	0.0148	0.0061	0.0508	0.0313	0.0156	ND
		Iron	ND	15.8	11.4	1.02	2.39	2.23	0.485	86.7	22.1	9.84	0.705
		Lead	ND	0.00963	0.0134	ND	ND	ND	ND	**0.0648**	**0.0185**	ND	ND
		Magnesium	3.14	6.12	7.09	21.1	65	44.1	37.7	38.2	30.6	7.8	8.63
		Manganese	0.0629	0.416	0.385	0.123	54.3	5.81	0.0108	2.56	0.58	0.169	0.0142
		Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Nickel	ND	0.0202	0.0648	0.00764	0.0532	0.00894	ND	0.109	0.0254	0.0134	ND
		Potassium	1.47	3.56	3.55	2.79	3.97	4.17	10.8	30.3	6.43	2.34	0.946
		Selenium	ND	ND	ND	ND	0.00837	ND	ND	0.00778	ND	ND	ND
		Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Sodium	4.25	3.37	17	28.3	89.8	48.2	91.5	9.44	90.2	4.7	9.22
		Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		Vanadium	ND	ND	0.0136	ND	ND	ND	ND	0.117	0.0273	0.0171	ND
		Zinc	0.0113	0.00696	0.0612	0.0108	0.0456	0.0118	0.00925	0.398	0.0898	0.034	ND

ND: Not Detected
NS: Not Sampled

TABLE A - Filtered and Unfiltered Sampling Results for Metals

Parameter			Monitoring Well					
			MW12	MW13A	MW13B	Minimum	Maximum	Average
	FILTERED	Antimony	ND	ND	ND	0	0	0
		Arsenic	ND	ND	ND	0.00504	0.00519	0.005115
		Barium	0.075	0.165	0.0798	0.00628	0.548	0.1457158
		Beryllium	ND	ND	ND	0	0	0
		Cadmium	ND	ND	ND	0.0109	0.0109	0.0109
		Calcium	18.9	22.3	82.5	3.82	160	63.742769
		Chromium	ND	ND	ND	0	0	0
		Cobalt	ND	0.013	ND	0.00582	0.513	0.0549687
		Copper	ND	ND	ND	0.00542	0.0457	0.0135731
		Iron	ND	1.75	0.494	0.218	22.8	2.9330423
		Lead	ND	ND	ND	0	0	0
		Magnesium	7.66	16.8	28.9	1.55	119	36.04145
		Manganese	0.0209	0.493	0.037	0.00781	52.7	5.2226455
		Mercury	ND	ND	ND	0.000339	0.000807	0.0005347
		Nickel	ND	0.00816	ND	0.00572	0.0902	0.0203255
		Potassium	1.06	2.38	3.62	0.65	43.6	5.3211139
		Selenium	ND	ND	ND	0.00619	0.0229	0.012987
		Silver	ND	ND	ND	3.28	3.28	0
		Sodium	8.96	13.9	17.9	4.2	529	59.993686
		Thallium	ND	ND	ND	0.0212	0.0212	0
		Vanadium	ND	ND	ND	0.0639	0.0639	0
		Zinc	0.00959	0.016	0.0078	0.00514	0.0702	0.017283
	UNFILTERED	Antimony	ND	ND	ND	0.0212	0.0212	0
		Arsenic	ND	ND	ND	0.00502	0.0263	0.0121367
		Barium	0.354	0.476	0.0814	0.00849	0.688	0.2125719
		Beryllium	ND	ND	ND	0.00551	0.116	0
		Cadmium	ND	ND	ND	0.011	0.115	0.063
		Calcium	19.7	26.8	85.2	5.48	169	63.431944
		Chromium	0.0436	0.0342	ND	0.00956	0.305	0.06716
		Cobalt	0.0213	0.0335	ND	0.00554	0.466	0.0616619
		Copper	0.078	0.0753	ND	0.00531	0.337	0.0461282
		Iron	36.8	44	0.498	0.234	163	17.118514
		Lead	0.0112	**0.0215**	ND	0.00818	0.122	0.031931
		Magnesium	19.5	28.6	28.7	3.14	137	39.474444
		Manganese	0.596	1.3	0.0361	0.0108	54.3	4.9378
		Mercury	ND	0.00198	0.00024	0.000234	0.004373	0.0012731
		Nickel	0.0388	0.0359	ND	0.00505	0.4	0.0425559
		Potassium	8.02	11.6	3.45	0.946	43	7.1285
		Selenium	ND	ND	ND	0.00542	0.0411	0.0147192
		Silver	ND	ND	ND	0.0991	0.0991	0
		Sodium	8.05	13.3	17.7	3.37	504	52.670286
		Thallium	ND	ND	ND	0.0778	0.0778	0
		Vanadium	0.0893	0.0903	ND	0.0136	0.261	0.0804889
		Zinc	0.132	0.108	0.00537	0.00537	0.962	0.0828338

ND: Not Detected
NS: Not Sampled

Appendix E

Table of Groundwater Elevations and Groundwater Elevation Contour Map

Results in (ft. AMSL)

TABLE 5 - Water Table Elevations
Gude Landfill

Monitoring Well	Well Elevation (ft)	Spring 2013 Water Elevation (ft)	Fall 2013 Water Elevation (ft)	Spring 2014 Water Elevation (ft)	Fall 2014 Water Elevation (ft)	Elevation Change From Spring 2014	Fall 2014 Measured Water Elevation From Ground Level (ft)
OB01	415.90	401.06	398.94	402.14	400.82	-1.3	15.08
OB02	418.48	402.67	399.56	403.70	401.91	-1.8	16.57
OB02A	418.61	402.78	399.35	403.93	401.95	-2.0	16.66
OB03	409.86	386.55	382.37	388.63	386.24	-2.4	23.62
OB03A	410.06	386.60	382.81	388.68	386.23	-2.4	23.83
OB04	364.21	359.36	358.47	359.70	359.37	-0.3	4.84
OB04A	365.37	360.01	359.04	360.72	359.94	-0.8	5.43
OB06	339.78	330.72	328.04	331.55	330.94	-0.6	8.84
OB07	329.49	322.56	318.98	323.25	322.70	-0.6	6.79
OB7A	328.44	322.00	318.43	322.65	321.97	-0.7	6.47
OB08	325.11	318.16	317.17	318.41	319.06	0.6	6.05
OB08A	325.31	317.82	316.79	318.06	318.73	0.7	6.58
OB10	325.77	319.06	318.38	319.06	318.68	-0.4	7.09
OB102	363.17	351.42	349.88	351.92	352.51	0.6	10.66
OB105	363.45	360.35	359.80	361.18	360.32	-0.9	3.13
OB11	362.56	354.21	352.55	354.37	353.58	-0.8	8.98
OB11A	361.90	353.84	352.33	353.71	352.99	-0.7	8.91
OB12	405.01	388.66	385.24	389.20	386.75	-2.4	18.26
OB015	410.01	390.43	386.16	391.26	387.69	-3.6	22.32
OB025	361.89	355.15	352.02	355.47	352.94	-2.5	8.95
MW1B	434.00	382.12	382.43	383.62	391.76	8.1	42.24
MW2A	445.53	370.74	374.71	372.39	388.79	16.4	56.74
MW2B	444.45	370.53	375.09	372.77	388.74	16.0	55.71
MW3A	324.54	315.29	314.30	315.57	317.61	2.0	6.93
MW3B	324.73	316.74	314.96	317.51	316.15	-1.4	8.58
MW04	324.75	318.47	318.13	318.58	318.17	-0.4	6.58
MW06	417.29	401.98	399.83	402.88	401.58	-1.3	15.71
MW07	433.81	388.64	385.68	390.50	389.88	-0.6	43.93
MW08	412.66	390.52	385.51	393.18	389.40	-3.8	23.26
MW09	417.69	399.45	396.43	400.36	399.12	-1.2	18.57
MW10	394.03	386.36	382.78	388.17	379.96	-8.2	14.07
MW11A	393.45	379.74	374.34	380.31	376.37	-3.9	17.08
MW11B	393.40	377.54	374.26	378.10	376.06	-2.0	17.34
MW12	397.55	383.74	380.20	384.11	390.12	6.0	7.43
MW13A	373.37	367.53	366.02	367.75	364.93	-2.8	8.44
MW13B	373.35	368.29	366.94	368.49	367.77	-0.7	5.58
AVERAGE						**0.0**	

NOTES:
- Elevations are from Sea Level

FALL 2014

General Groundwater Flow Direction at Gude Landfill - FALL 2014