DEPARTMENT OF ENVIRONMENTAL PROTECTION

Isiah Leggett
County Executive

Robert G. Hoyt
Director

June 13, 2013

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 Spring 2013. 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 September 2012 to April 2013. 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, OB06, OB07, OB07A, OB102, OB105, OB15, and OB25.
  - **Monitoring wells installed in 2010:** MW1B, MW2A, MW2B, MW3A, MW3B, MW04, MW06, 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 42 VOCs exceeded the recommended MCL in the following monitoring wells:
  - **Pre-existing monitoring wells:** OB03 (4 exceedances), OB03A (2 exceedance), OB04 (1 exceedance), OB04A (2 exceedances), OB08A (1 exceedance), OB10 (3 exceedances), OB11 (6 exceedances), OB11A (4 exceedances), and OB12 (5 exceedances).
  - **Monitoring wells installed in 2010:** MW07 (1 exceedance), MW09 (1 exceedance), MW13A (6 exceedances), and MW13B (6 exceedances).

The following include a summary of these 42 VOC concentrations exceeding the recommended MCLs:

- 1,2-Dichloropropane concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB10, OB11, OB12, MW13A and MW13B. Concentrations exceeding the MCL for this compound ranged from 5.86 ug/l in OB10 to 10.5 ug/l in OB03.
- Benzene concentration exceeded the MCL of 5 ug/l in observation well OB11. The concentrations exceeding the MCL for this compound was 6.02 ug/l.
- cis-1-2-Dichloroethene concentration exceeded the MCL of 70 ug/l in observation wells OB03, OB11A, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 78.6 ug/l in OB11A to 105 ug/l in MW13A.
- Dichloromethane concentration exceeded the MCL of 5 ug/l in observation wells OB04A, OB11, OB12, MW13A and MW13B. Concentrations exceeding the MCL for this compound were 6.49 ug/l in MW13A to 12.3 ug/l in OB11.
- Tetrachloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB11, OB11A, OB12, MW07, MW09, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 5.26 ug/l in MW07 to36.9 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 16.7 ug/l at OB12 to 57.9 ug/l at OB03.

- Vinyl Chloride concentration exceeded the MCL of 2 ug/l in observation wells OB03, OB03A, OB04, OB04A, OB08A, OB10, OB11, OB11A, OB12, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 3.03 ug/l in OB04 to 17.4 ug/l in OB03.

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 5 metals and other non-organic contaminants exceeded the recommended MCL in the following monitoring locations:
  - **Pre-existing monitoring wells:** OB04A (1 exceedance), OB102 (1 exceedance), OB105 (1 exceedance), and OB11 (1 exceedanc).
  - **Monitoring wells installed in 2010**: MW07 (1 exceedance).
  - **Stream Locations**: No metal contaminants or other non-organic contaminants were detected above the recommended MCL in any of the monitored stream locations.

The following include a summary of these 5 metal concentrations exceeding the recommended MCLs.

- Arsenic with a recommended MCL of 0.01 mg/l was exceeded in samples collected from OB04, and OB102 with 0.011mg/l concentrations.
- Lead with a recommended MCL of 0.015 mg/l was exceeded in the sample collected from observation well OB105 with a concentration of 0.016 mg/l. *(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.)*
- Nitrate with a recommended MCL of 10 mg/l was exceeded in the sample collected from well MW07 with a concentration of 15.01 mg/l.
- 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 basically identical results were obtained for both filter and unfiltered samples. Please note that most of the MCL exceedances for metals 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: Robert Hoyt, 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

SPRING 2013

Prepared by Montgomery County Department of Environmental Protection

Prepared for Maryland Department of Environment, Solid Waste Program

June 17, 2013

TABLE OF CONTENTS

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.

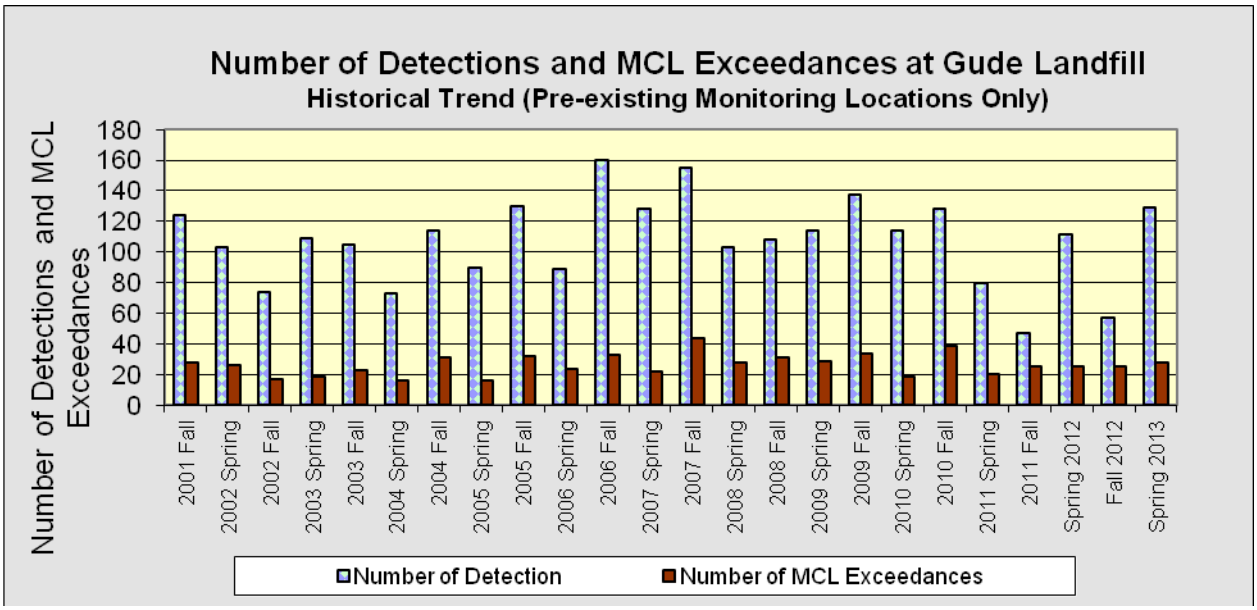
- No VOCs were detected above recommended Maximum Contaminant Level (MCL) in the following monitoring wells and stream locations:
  - **Pre-existing monitoring wells:** OB01, OB02, OB02A, OB04, OB06, OB07, OB07A, OB102, OB105, OB15, and OB25.
  - **Monitoring wells installed in 2010:** MW1B, MW2A, MW2B, MW3A, MW3B, MW04, MW06, 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 42 VOCs exceeded the recommended MCL in the following monitoring wells:
  - **Pre-existing monitoring wells:** OB03 (4 exceedances), OB03A (2 exceedance), OB04 (1 exceedance), OB04A (2 exceedances), OB08A (1 exceedance), OB10 (3 exceedances), OB11 (6 exceedances), OB11A (4 exceedances), and OB12 (5

exceedances).

- **Monitoring wells installed in 2010:** MW07 (1 exceedance), MW09 (1 exceedance), MW13A (6 exceedances), and MW13B (6 exceedances). For a comparison of

The following include a summary of these 42 VOC concentrations exceeding the recommended MCLs:

- 1,2-Dichloropropane concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB10, OB11, OB12, MW13A and MW13B. Concentrations exceeding the MCL for this compound ranged from 5.86 ug/l in OB10 to 10.5 ug/l in OB03.
- Benzene concentration exceeded the MCL of 5 ug/l in observation well OB11. The concentrations exceeding the MCL for this compound was 6.02 ug/l.
- cis-1-2-Dichloroethene concentration exceeded the MCL of 70 ug/l in observation wells OB03, OB11A, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 78.6 ug/l in OB11A to 105 ug/l in MW13A.
- Dichloromethane concentration exceeded the MCL of 5 ug/l in observation wells OB04A, OB11, OB12, MW13A and MW13B. Concentrations exceeding the MCL for this compound were 6.49 ug/l in MW13A to 12.3 ug/l in OB11.
- Tetrachloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB11, OB11A, OB12, MW07, MW09, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 5.26 ug/l in MW07 to36.9 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 16.7 ug/l at OB12 to 57.9 ug/l at OB03.
- Vinyl Chloride concentration exceeded the MCL of 2 ug/l in observation wells OB03, OB03A, OB04, OB04A, OB08A, OB10, OB11, OB11A, OB12, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 3.03 ug/l in OB04 to 17.4 ug/l in OB03.



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 5 metals and other non-organic contaminants exceeded the recommended MCL in the following monitoring locations:
  - **Pre-existing monitoring wells:** OB04A (1 exceedance), OB102 (1 exceedance), OB105 (1 exceedance), and OB11 (1 exceedanc).
  - **Monitoring wells installed in 2010**: MW07 (1 exceedance).
  - **Stream Locations**: No metal contaminants or other non-organic contaminants were detected above the recommended MCL in any of the monitored stream locations.

The following include a summary of these 5 metal concentrations exceeding the recommended MCLs.

- Arsenic with a recommended MCL of 0.01 mg/l was exceeded in samples collected from OB04, and OB102 with 0.011mg/l concentrations.
- Lead with a recommended MCL of 0.015 mg/l was exceeded in the sample collected from observation well OB105 with a concentration of 0.016 mg/l. *(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.)*
- Nitrate with a recommended MCL of 10 mg/l was exceeded in the sample collected from well MW07 with a concentration of 15.01 mg/l.
- 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 basically identical results were obtained for both filter and unfiltered samples. Please note that most of the MCL exceedances for metals 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 groundwater elevation at Gude Landfill has increased by an overall average of 2.1 ft from September 2012 to April 2013. 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.

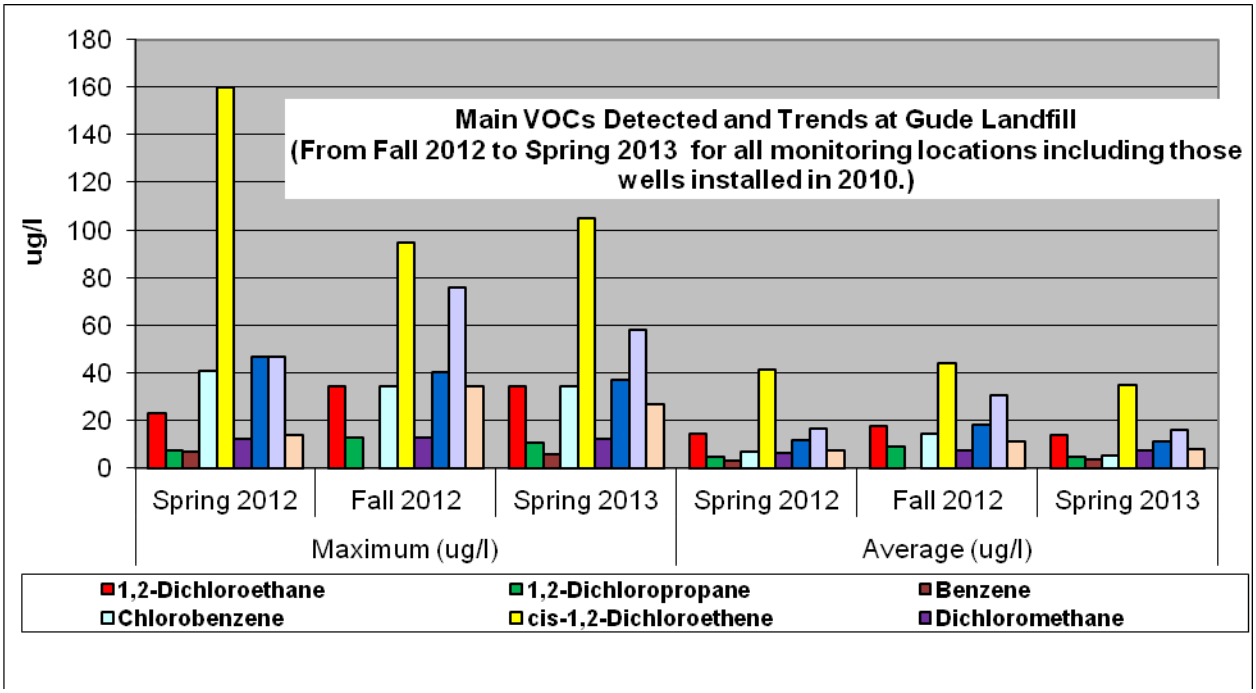
5. Conclusions/Trend Analysis:

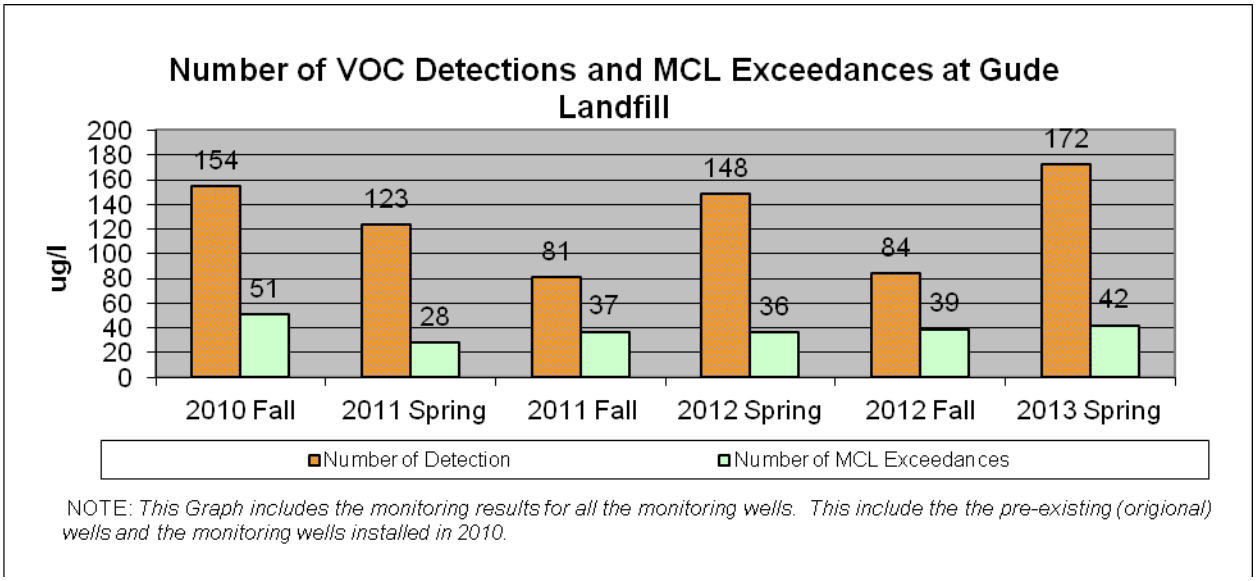
Results obtained from the latest monitoring activities (Fall 2012) are similar and comparable to those collected from prior monitoring results for the past several years. Major findings indicate that:

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.





NOTE: *This Graph includes the monitoring results for all the monitoring wells. This include the the pre-existing (origional) wells and the monitoring wells installed in 2010.*

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.

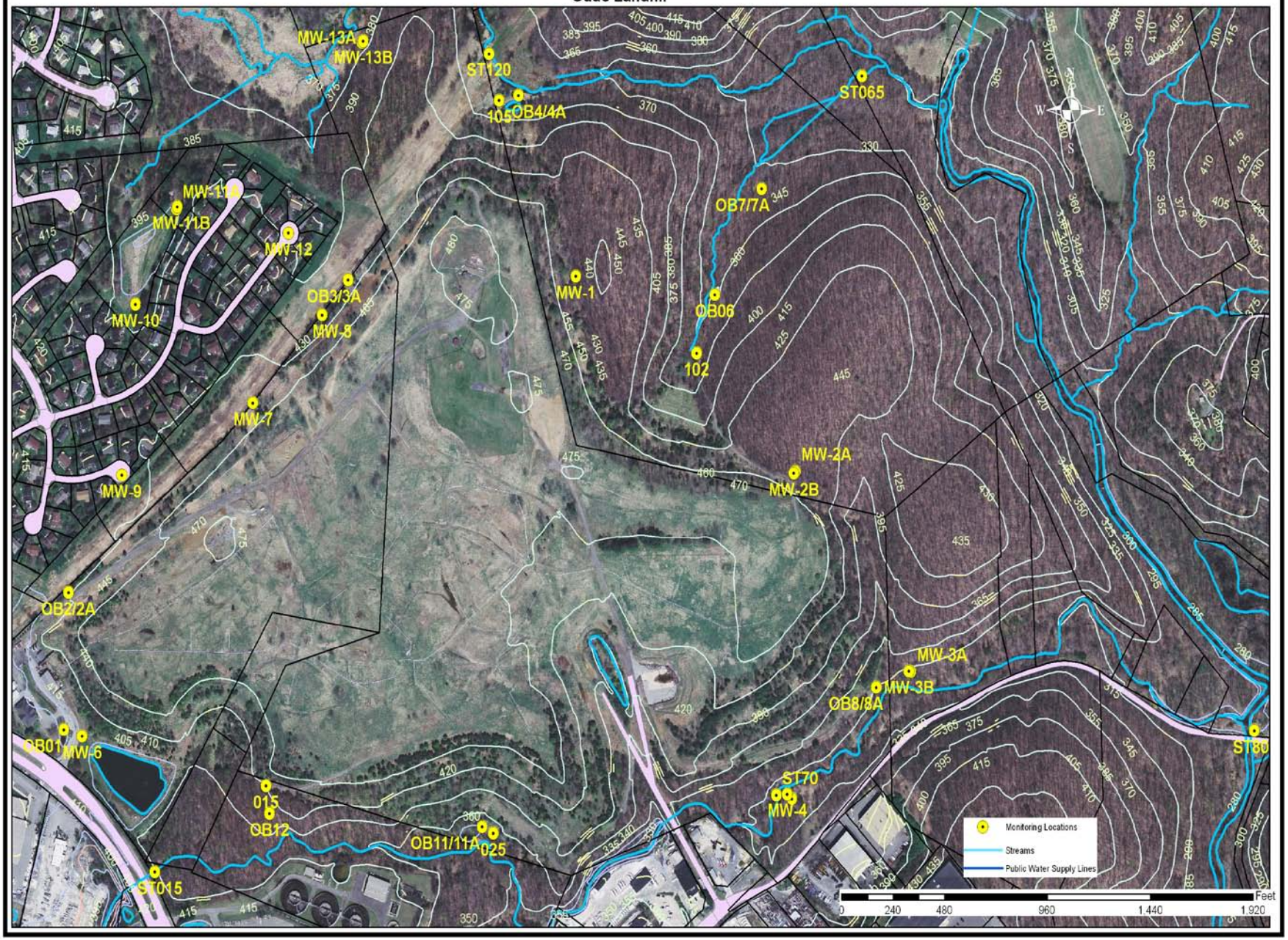
- Most of the detected groundwater contaminants at Gude Landfill are Volatile Organic Compounds (VOCs). These low levels of VOCs detected in groundwater are generally not transported to surface waters.
- The overall number of detections per year has remained relatively constant over the past 8-9 year 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.

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
SPRING 2013	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	1.09	ND	ND	34.3	12.5	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	NT	NT	NT	NT	NT	NT	NT	NT	NT
	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	1.47	ND	1.01	1.06	ND	ND
	1,2-Dichloroethane	ND	ND	ND	3.68	1.47	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	**10.5**	3.67	1.15	1.33	ND	ND
	1,4-Dichlorobenzene	1.64	ND	ND	12.4	5.64	14.7	15.9	1.66	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	3.44	1.51	3.73	3.5	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	1.1	ND	ND	2.04	2.46	2.85	2.56	1.4	ND
	Chloroethane	ND	ND	ND	1.2	ND	ND	ND	ND	ND
	Chloroform	1.38	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	6.68	ND	ND	**97.1**	34.1	27.7	36.8	1.65	1.7
	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	3.48	**6.57**	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	5.12	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	2.39	ND	3.93	3.36	1.16	1.52
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	6.92	2.69	ND	1.22	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	**57.9**	**18**	3.42	3.39	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	1.3	ND	ND	**17.4**	**7.33**	**3.03**	**4.37**	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
SPRING 2013	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	7.23	ND	ND	22.1	15.2	22.6
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	NT	NT	NT	NT	NT	NT	NT	NT	NT
	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	1.02	ND	ND	2.69	1.87	ND
	1,2-Dichloroethane	ND	ND	ND	1.43	ND	ND	3.66	2.48	1.07
	1,2-Dichloropropane	ND	ND	1.08	**5.86**	ND	ND	**6.13**	4.08	**6.48**
	1,4-Dichlorobenzene	ND	1.01	1.14	12.9	ND	7.03	14.9	13.8	6.13
	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	3.49	ND	ND	6.02	3.73	3.61
	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	1.52	1.54	3.16	ND	1.24	34.6	20.5	2.27
	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	2.18	8.33	9.61	51.2	ND	24.6	**64.16**	**78.6**	22.5
	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	ND	ND	ND	ND	ND	ND	**12.3**	ND	**7.93**
	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	2.06	ND	ND	3.43	ND	ND	**36.9**	**19.1**	**22.3**
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	5.16	ND	ND	4.31	3.02	2.55
	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	**25.4**	ND	2.96	**32.6**	**24**	**16.7**
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	2.47	ND	2.17
	Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	**1.78**	**2.31**	**26.6**	ND	1.66	**13.9**	**12.9**	**6.64**
	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
SPRING 2013	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	1.56	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	NT	NT	NT	NT	NT	NT	NT	NT	NT
	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	40.8
	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	ND	ND	ND	1.3	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	1.4	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	1.18	ND	1.5	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
	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
SPRING 2013	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	2.79	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	NT	NT	NT	NT	NT	NT	NT	NT	NT
	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	1.15	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	4.53	1.69	1.45	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	5.03	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	1.15	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	15.3	3.38	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	**5.26**	ND	**16.4**	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	1.01	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	2.21	1.24	1.11	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	1.65	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	MW11A	MW11B	MW12	MW13A	MW13B
SPRING 2013	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	19	17.2
	1,1-Dichloroethene	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	NT	NT	NT	NT	NT
	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	2.35	2.87
	1,2-Dichloropropane	ND	ND	ND	**6.94**	**8.01**
	1,4-Dichlorobenzene	ND	ND	ND	5.77	10.2
	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	3.24	4.56
	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	1.64	2.03
	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	**105**	**102**
	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	**6.49**	**7.2**
	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	ND	2.74	ND	**27.8**	**27**
	Toluene	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	4	4.22
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	**33.9**	**29.5**
	Trichlorofluoromethane	ND	ND	ND	ND	1.27
	Vinyl Acetate	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	**10.1**	**11.4**
	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	2005-F	2006-S	2006-F	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
OB01	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	2.03	1.37	ND	2.31	1.48	1.09	NS	1.02	1.85	0.75	1.33	ND	ND	ND	ND	1.09
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	1.1	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	NS	ND	NT	1	1.48	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.46	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	1.1	1.45	1.28	1.04	ND	ND	NS	ND	ND	0.59	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	1.37	ND	2.16	1.51	1.78	ND	NS	ND	1.94	2.81	3.19	ND	ND	1.9	ND	1.64
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.39	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	1.26	ND	1.21	ND	NS	ND	1.03	1.57	1.43	ND	ND	1.3	ND	1.1
	Chloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.25	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.92	0.74	ND	ND	ND	ND	1.38
	Chloromethane	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	34.36	16.06	34.18	22.85	25.5	14.78	NS	ND	11.8	ND	7.71	6.6	ND	6.2	ND	6.68
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.36	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	5.12
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	0.77	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.34	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	1.26	ND	ND	ND	NS	1.2	ND	0.51	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	1.09	ND	1.13	ND	1.42	ND	NS	ND	ND	0.67	0.70	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	2.49	2.25	2.34	1.52	1.44	ND	NS	ND	ND	0.85	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**4.4**	**3.32**	**5.26**	1.42	**4.75**	1.31	NS	ND	ND	**2.77**	**5.09**	ND	ND	1.2	ND	1.3
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
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	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan	**1.13**	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	1.28	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	0.48	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.18	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	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	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	1.33	ND	ND	ND	ND	ND	NT	NT	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	6.06	1.79	1.41	1.14	1.19	1.96	1.38	1.15	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	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	1.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.67	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	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	2.04	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	NT	NT	NT	0.01	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	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
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	1.1	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	ND	ND	ND	NT
	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	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	0.33	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	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	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	NT	NT	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	1.5	ND	ND	ND	ND
	cis-1,2-Dichloroethene	43.45	6.9	ND	ND	5.96	ND	6.87	9.19	ND	0.65	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	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.45	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	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	4.6	2.27	ND	ND	1.57	ND	1.39	1.01	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	1.74	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	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
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	42.38	36.78	21.95	34.7	44.7	47.23	36.07	48.38	45	13.2	36.40	23	ND	23	34.4	34.3
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.71	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	**1.07**	ND	ND	ND	ND	ND	1.52	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	1.41	ND	2.1	1.51	2.83	1.82	1.34	ND	NT	0.83	1.92	ND	ND	1.2	ND	1.47
	1,2-Dichloroethane	3.03	2.58	3.87	2.95	**5.32**	4.98	4.09	4.81	ND	1.24	3.84	ND	**6**	ND	ND	3.68
	1,2-Dichloropropane	**11.53**	**9.4**	**13.74**	**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**
	1,4-Dichlorobenzene	10.97	10.01	15.05	13.83	16.69	7.97	ND	ND	13.6	11.7	11.30	ND	ND	9.7	16.6	12.4
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.12	ND	8.1	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	4.29	3.34	4.53	3.99	**6.12**	4.62	3.2	**5.53**	4.56	1.83	4.24	ND	**5.5**	1.9	ND	3.44
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	1.03	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	3.9	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	3.24	4.92	3.98	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
	Chloroethane	1.73	1.48	1.49	1.59	ND	1.23	1.19	1.61	1.55	0.79	1.51	ND	ND	ND	ND	1.2
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	5.3	1.7	ND	ND	ND
	cis-1,2-Dichloroethene	**98.51**	**71.67**	**128.85**	**87.59**	**148.91**	**161.47**	**120.9**	**164.77**	**156**	31.7	**117.00**	38	ND	**71**	**94.9**	**97.1**
	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	**6.33**	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	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	5.57	ND	2.05	ND	1.71	2.6	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	1.33	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	**23.14**	1.85	**22.97**	ND	**27.73**	ND	ND	4.49	ND	ND	**11.00**	ND	**6.2**	ND	ND	2.39
	Toluene	ND	ND	ND	ND	ND	2.46	ND	ND	1.49	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	6.27	5.19	11.59	7	12.95	8.87	12.43	11.02	9.59	3.11	7.01	6.3	14	4.8	7.24	6.92
	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	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**92.22**	**71.55**	**112.28**	**76.03**	**108.24**	**132.6**	**107.44**	**130.79**	**131**	**17.4**	**81.60**	**21**	**82**	**47**	**75.6**	**57.9**
	Trichlorofluoromethane	2.44	3.18	4.34	ND	ND	ND	ND	ND	4.88	ND	ND	ND	8.3	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**19.76**	**11.67**	**30.39**	**19.65**	**31.39**	**23.16**	**17.61**	**29.48**	**30.5**	**7.84**	**28.00**	**11**	**41**	**14**	**17.5**	**17.4**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
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	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	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	42.13	18.85	23.61	15.56	44.14	50.9	41.01	46.99	25.3	3.23	32.40	ND	ND	11	30.5	12.5
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	1.54	ND	2.11	1.23	2.07	2	1.65	ND	NT	0.42	0.81	ND	ND	ND	ND	ND
	1,2-Dichloroethane	3.3	1.82	3.59	1.33	**5.52**	**5.07**	4.4	4.1	ND	ND	3.30	ND	3.7	ND	ND	1.47
	1,2-Dichloropropane	**12.09**	**7.02**	**12.72**	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
	1,4-Dichlorobenzene	11.61	9.64	15.61	16.31	14.76	7.67	ND	ND	12.6	5.92	9.28	ND	ND	6.3	14.1	5.64
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.6	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.13	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	4.66	2.73	**5.18**	3.8	**6.23**	4.47	**5.44**	4.08	4.19	1.2	4.06	ND	4.7	1.3	ND	1.51
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	NT	NT	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	3.6	10.33	5.24	13.9	2.8	1.98	2.87	3.73	5.52	5.21	2.78	ND	3.3	3.4	ND	2.46
	Chloroethane	1.41	ND	1.53	1.42	1.63	1.43	1.38	1.69	1.21	0.33	1.31	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	NT	NT	NT	ND	ND	ND	ND	ND	1.54	ND	1.5	ND	ND	ND
	cis-1,2-Dichloroethene	**102.56**	41.96	**117.86**	29.76	**150.17**	**168.82**	**141.19**	**137.52**	**84.9**	6.23	**98.10**	11	ND	33	**94.6**	34.1
	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	2	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	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	ND	ND	1.39	1.15	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	**30.99**	ND	**29.4**	ND	**33.23**	1.66	**26.21**	3.67	**7.11**	ND	**17.80**	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	1.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	6.22	3.1	9.08	3.72	10.82	9.93	11.68	9.08	6.06	1.01	5.93	ND	9	2.3	6.13	2.69
	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	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**85.13**	**51.33**	**95.18**	**20.26**	**97.78**	**141.41**	**101.3**	**113.09**	**66.7**	2.71	**19.30**	ND	**56**	**18**	**64.8**	**18**
	Trichlorofluoromethane	ND	ND	3.77	ND	ND	ND	ND	ND	3.08	ND	2.47	ND	6.5	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	NT	ND	ND	ND	ND
	Vinyl Chloride	**19.56**	**4.62**	**26.98**	**5.96**	**30.58**	**23.11**	**22.43**	**27.36**	**22.9**	1.99	**23.50**	ND	**31**	ND	**15.8**	**7.33**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
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	ND	ND	ND	0.35	ND	22	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	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.45	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	ND	ND	ND	NT	0.46	ND	ND	ND	ND	ND	1.01
	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	0.52	ND	ND	ND	ND	ND	1.15
	1,4-Dichlorobenzene	5.11	ND	5.96	5.53	6.19	ND	ND	ND	6.06	5.92	2.91	ND	ND	5.9	5.7	14.7
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.41	0.65	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.49	11.90	6.6	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	1.33	ND	1.65	1.7	1.85	ND	1.21	1.68	1.62	1.6	2.04	2.2	ND	1.6	ND	3.73
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	NT	NT	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	1.11	1.05	1.19	ND	ND	ND	1.09	1.18	0.90	ND	ND	1.4	ND	2.85
	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	7.5	ND	ND	ND	ND
	cis-1,2-Dichloroethene	18.27	2.59	18.58	18.76	20.95	6.45	15.43	18.92	17	16.8	8.32	67	ND	14	12.4	27.7
	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	2.53	ND	1.48	1.6	1.42	ND	ND	1.42	1.93	1.72	1.03	**7.7**	ND	ND	ND	3.48
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.15	ND	2.23	1.93	2.07	ND	1.34	1.99	1.25	1.69	0.70	**13**	ND	2	ND	3.93
	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	0.45	ND	5.4	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	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	1.71	ND	2.19	1.82	2.12	ND	1.4	1.82	1.66	1.51	1.08	**17**	ND	1.6	ND	3.42
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.8	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	1.57	ND	1.33	1.23	1.7	ND	ND	1.47	1.53	1.26	**2.16**	ND	ND	ND	ND	**3.03**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
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	ND	ND	ND	NT
	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	ND	ND	ND	NT	0.47	ND	ND	ND	ND	ND	1.06
	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	0.57	0.51	ND	ND	ND	ND	1.33
	1,4-Dichlorobenzene	ND	4.58	7.3	6.87	7.42	ND	4.46	ND	7.33	6.97	4.66	ND	ND	7.6	6.94	15.9
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	0.78	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	18.60	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	1.65	1.72	1.83	1.4	1.32	1.65	1.68	1.65	2.45	ND	2.1	1.6	ND	3.5
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	NT	NT	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	1.08	1.02	1.17	ND	ND	1.07	1.14	1.14	0.87	ND	ND	1.3	ND	2.56
	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	5.65	12.82	23.31	24.08	26.31	23.78	20.7	24.4	21.8	21.7	8.54	ND	ND	20	16.4	36.8
	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	2.44	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	1.5	2.77	3.31	2.67	2.45	ND	2.98	3.38	3.18	3.39	ND	4.4	ND	ND	**6.57**
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	1.45	1.92	1.77	1.65	1.42	1.34	1.7	1.23	1.52	0.60	ND	1.3	1.9	ND	3.36
	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	0.55	ND	ND	2.2	ND	ND	1.22
	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	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	1.87	2.24	1.93	2.08	1.96	1.45	1.87	1.83	1.71	1.07	ND	1.3	1.9	ND	3.39
	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	NT	NT	NT	0.01	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	1.15	1.06	**2.02**	1.37	1.39	1.65	**2.12**	1.83	**2.78**	ND	ND	ND	ND	**4.37**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
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	ND	ND	ND	NT
	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	11	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	1.08	ND	11	ND	1.44	1.03	ND	ND	1.43	ND	0.93	ND	ND	7	ND	1.66
	2-Butanone	ND	ND	ND	NT	ND	NT	NT	NT	ND	0.57	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	ND	NT	NT	NT	ND	0.14	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	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	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	ND	ND	NT	NT	NT	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	0.66	0.56	ND	ND	ND	ND	1.4
	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	NT	NT	NT	ND	ND	ND	ND	ND	0.91	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	2.17	ND	2.77	NT	2.92	2.31	2.39	2.55	2.12	1.82	1.64	ND	ND	1.6	ND	1.65
	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	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	1.11	1.15	ND	ND	1.01	ND	ND	0.68	ND	ND	ND	ND	ND	1.16
	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	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.36	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	NT	NT	NT	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	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
OB07	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	**19**	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.54	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	10	ND	ND	ND	NS	ND	NT	0.47	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	**5.3**	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	10	ND	ND	ND	NS	ND	ND	0.58	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	**7.9**	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	1.38	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	1.81	ND	ND	ND	NS	1.45	1.63	1.3	1.48	ND	ND	1.7	ND	1.7
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	1.68	ND	ND	ND	NS	1.3	ND	1.23	1.61	ND	**23**	ND	ND	1.52
	Toluene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.49	0.72	ND	**23**	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
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	ND	ND	ND	NT
	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	11	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	11	ND	ND	ND	ND	ND	ND	0.23	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	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	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	ND	ND	NT	NT	NT	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	NT	NT	NT	ND	ND	ND	ND	ND	1.20	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	1.45	1.05	2.6	2.02	2.02	2.09	1.85	3.51	3	1.66	1.80	ND	ND	ND	ND	2.18
	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	**5.8**	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	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.15	1.41	2.56	1.59	1.46	1.91	2.12	2.66	1.81	1.94	1.82	2	**23**	2	ND	2.06
	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	ND	ND		NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.64	0.88	ND	**21**	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	NT	NT	NT	0.01	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	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
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	ND	ND	ND	1.23	ND	ND	ND	ND	1.2	0.46	0.87	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	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.54	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	NT	ND	ND	ND	ND	ND	ND	NT	0.59	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	NT	ND	ND	ND	ND	ND	ND	ND	0.36	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	1.78	1.59	1.67	ND	ND	1.24	1.16	1.19	0.78	1.2	ND	1.6	ND	ND
	1,4-Dichlorobenzene	ND	NT	2.1	3.35	3.16	ND	ND	ND	2.15	2.92	1.84	ND	ND	4	ND	1.01
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	2.7	0.21	0.50	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	1.09	ND	ND	ND	ND	ND	ND	0.63	0.66	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	0.24	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	NT	NT	NT	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	4.81	4.14	4.04	ND	ND	22.02	1.95	3.13	3.31	6.1	ND	5.7	4.41	1.52
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.41	0.55	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	2.6	ND	ND	ND	ND
	cis-1,2-Dichloroethene	1.34	ND	9.92	8.88	11.07	3.92	3.1	10.93	10.4	10.3	8.39	8.9	ND	17	14.6	8.33
	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	ND	ND	ND	NT	NT	NT	ND	0.38	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	ND	ND	ND	0.44	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	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	1.22	1.11	1.26	ND	ND	ND	ND	0.87	0.66	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	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.42	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	NT	NT	NT	0.02	ND	3.2	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	**2.67**	**2.47**	**2.98**	ND	ND	**2.04**	**2.35**	**2.91**	**3.18**	ND	ND	**4**	**3.68**	1.78
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
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	ND	ND	ND	1.43	1.05	ND	ND	ND	1.47	0.44	0.97	ND	ND	ND	ND	ND
	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	ND	ND	ND	NT
	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	ND	ND	ND	NT	0.32	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.38	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	2.53	2.17	2.33	1.22	ND	2.11	2.02	1.47	1.10	ND	ND	2	ND	1.08
	1,4-Dichlorobenzene	ND	ND	5.86	4.47	4.75	ND	ND	ND	3.97	3.34	2.83	ND	ND	4.7	4.19	1.14
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	1.39	1.23	1.26	ND	ND	1.09	1.03	0.89	0.99	ND	ND	1.1	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	ND	ND	NT	NT	NT	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	5.54	4.84	4.64	2.27	ND	3.43	3.38	3.93	4.22	7.3	ND	6.6	5.04	1.54
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.47	0.62	1	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	0.89	4	ND	ND	ND	ND
	cis-1,2-Dichloroethene	3.73	4.33	18.21	14.02	21.08	10.07	8.42	22.57	21.2	13.4	14.10	12	ND	21	19.6	9.61
	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	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	ND	ND	ND	0.42	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	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	1.79	1.45	1.89	ND	ND	1.48	1.37	0.99	0.89	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	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	2.44	2.26	3.72	1.51	2.3	ND	ND	1.52	1.29	0.64	0.51	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	NT	NT	NT	0.01	ND	4	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	**4.03**	**3.44**	**4.8**	1.6	ND	**5.16**	**6.5**	**4.11**	**4.76**	ND	ND	**5.4**	**4.99**	**2.31**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
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	2.99	ND	ND	2.2	4.99	1.04	1.51	ND	3.49	ND	5.60	ND	ND	ND	4.06	7.23
	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	ND	ND	ND	NT
	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	11	ND	1.19	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	1.02
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.64	ND	ND	ND	ND	1.43
	1,2-Dichloropropane	2.36	1.08	ND	1.48	4.46	1.55	1.84	ND	2.53	1.26	2.65	ND	ND	2.8	ND	**5.86**
	1,4-Dichlorobenzene	2.53	ND	11	1.02	6.22	ND	ND	ND	4.84	2.1	5.54	ND	ND	5	7.09	12.9
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	1.67	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	1.87	ND	ND	ND	2.86	ND	1.1	ND	1.72	0.82	2.04	ND	2.4	1.6	ND	3.49
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	0.22	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	1.03	NT	NT	NT	ND	ND	ND	2.3	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	1.01	ND	ND	ND	ND	0.32	0.98	ND	ND	1.2	ND	3.16
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24	0.68	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	6.2	ND	ND	ND	ND
	cis-1,2-Dichloroethene	21.18	4.81	ND	13.7	34.09	20.83	9.73	ND	17.9	11.5	24.00	9.6	ND	24	25.6	51.2
	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	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	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	2.47	ND	ND	ND	ND	1.03	2.86	1.95	ND	2.3	1.8	ND	3.43
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	1.96	ND	ND	ND	5.04	1.12	1.49	ND	2.39	1.18	3.94	ND	3.9	ND	ND	5.16
	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	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**23.54**	**8.76**	ND	**10.6**	**28.64**	1.31	3.73	ND	**13.3**	**5.27**	**13.40**	ND	**11**	**12**	**14.4**	**25.4**
	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**9.35**	ND	ND	**2.43**	**16.03**	**2.15**	**12.62**	ND	**6.07**	**2.39**	**11.70**	ND	**17**	**9**	**12.5**	**26.6**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
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	ND	ND	ND	NT
	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	12	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	2.32	ND	12	2.03	ND	1.81	1.43	ND	ND	1.6	1.12	ND	ND	1.4	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	0.53	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	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	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	0.25	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	NT	NT	NT	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	1.31	1.54	1.65	1.74	2.43	1.65	1.41	3.43	2.27	1.7	1.51	ND	ND	2.6	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.05	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	2.27	1.28	2.3	2.14	2.5	1.75	1.46	1.54	1.38	1.13	0.65	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	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	ND	ND	ND	0.47	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	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	ND	ND	NT	NT	NT	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**2.33**	ND	1.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
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	ND	ND	ND	NT
	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	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	0.55	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	1.03	ND	ND	ND	2.23	ND	1.46	ND	3.38	0.72	3.32	ND	ND	3.9	4.51	7.03
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.23	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	1.27	ND	31.10	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.90	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	ND	ND	NT	NT	NT	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	0.55	ND	ND	ND	ND	1.24
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.89	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	3.71	ND	ND	ND	8.03	ND	7.14	ND	11.1	0.97	ND	ND	ND	14	15	24.6
	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	ND	ND	ND	0.77	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	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	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	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	1.25	ND	1.38	ND	2.1	1.4	ND	2.96
	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	1.31	ND	ND	ND	**2.04**	ND	ND	ND	1.51	ND	**3.03**	ND	ND	ND	ND	1.66
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
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	ND	ND	ND	1.52	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	17.06	13.27	15.9	29.18	29.33	11.14	23	31.01	33.4	20.4	15.10	ND	ND	21	22.4	22.1
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	0.89	1.03	0.45	0.93	**25**	**30**	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	2.89	2.38	2.42	1.03	1.55	ND	NT	1.75	1.51	3.9	ND	3	ND	2.69
	1,2-Dichloroethane	1.28	1.38	3.81	ND	**5.36**	3.16	3.68	4.66	4.72	ND	3.94	2.8	ND	ND	ND	3.66
	1,2-Dichloropropane	3.41	3.47	**8.11**	**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**
	1,4-Dichlorobenzene	1.43	ND	13.38	12.63	13.36	2.46	6.43	ND	14.6	9.13	9.85	ND	ND	17	14.8	14.9
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	0.95	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	24.60	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	2.04	1.43	**9.78**	**9.69**	**10.69**	2.04	**6.16**	**9.56**	**9.37**	4.32	**8.29**	**5.2**	**12**	**6.9**	ND	**6.02**
	Bromochloromethane	ND	ND	1.94	2.25	1.22	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	ND	ND	NT	NT	NT	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	15.03	12.61	60.16	56.32	61.28	11.69	35.91	52.75	50	28.3	34.30	52	ND	41	34.5	34.6
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57	ND	17	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	2.3	ND	ND	ND	ND
	cis-1,2-Dichloroethene	46.22	45.81	**149.39**	**164.85**	**176.66**	**92.93**	**137.27**	**190.55**	**184**	**123**	**73.60**	ND	ND	**160**	**94.8**	64.16
	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	2.51	**42.44**	**42.01**	**35.48**	**9.24**	**19.47**	**28.72**	**30.6**	7.21	**24.20**	**16**	**18**	**12**	**13**	**12.3**
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	2.2	ND	6.41	2.67	ND	1.65	5.6	ND	2.6	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	**26.31**	**20.17**	**65.48**	**62**	**60.22**	**32.4**	**52.48**	**67.92**	**43.9**	**35.6**	**19.60**	**26**	**44**	**47**	**40.1**	**36.9**
	Toluene	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	1.24	1.09	6.19	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
	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	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**25.32**	**20.17**	**55.99**	**52.41**	**59.1**	**28.56**	**42.66**	**53.74**	**51.5**	**31.2**	**33.90**	**28**	**37**	**39**	**34.2**	**32.6**
	Trichlorofluoromethane	1.66	ND	4.37	4.25	5.59	1.93	2.85	4.58	3.98	1.61	3.78	6.8	ND	3.3	ND	2.47
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.25	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**2.44**	1.75	**15.95**	**12.02**	**16.89**	**4.49**	**8.73**	**15.64**	**20.3**	**7.43**	**20.90**	**14**	ND	**13**	**14.1**	**13.9**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
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	30.41	27.58	6.36	14.01	28.55	28.9	24.24	23.08	27.8	16.8	16.40	ND	ND	15	15.8	15.2
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.07	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	**1.8**	ND	ND	ND	ND
	1,2-Dichlorobenzene	1.99	ND	1.84	1.29	1.88	2.45	2.05	ND	NT	1.67	1.10	2.8	ND	2.1	ND	1.87
	1,2-Dichloroethane	3.16	3.15	2.36	ND	**5.76**	**5.34**	4.48	3.6	ND	2.7	1.88	ND	ND	ND	ND	2.48
	1,2-Dichloropropane	**6.69**	**7.89**	**5.03**	3.93	**8.63**	**7.85**	**7.26**	**6.44**	**7.2**	4.18	4.06	3.7	ND	4.6	ND	4.08
	1,4-Dichlorobenzene	10.33	8.3	9.1	8.58	15.32	11.24	12.3	ND	15.2	13.4	9.32	ND	ND	15	13.7	13.8
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.12	22.80	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	**8.53**	**5.66**	**5.76**	4.87	**9.72**	**7.37**	**7.13**	**6.67**	**7.51**	4.19	3.59	3.5	ND	4.3	ND	3.73
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	ND	ND	NT	NT	NT	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	51.74	51.24	34.47	23.03	52.49	42.48	39.6	33.51	36.9	21.3	20.60	29	ND	24	22.3	20.5
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.39	0.89	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND
	cis-1,2-Dichloroethene	**126.58**	**119.67**	**100.04**	**86.72**	**189.64**	**189.43**	**173.52**	**148.44**	**168**	**113**	**81.60**	**76**	ND	**100**	**89**	**78.6**
	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	**10.77**	**8.39**	3.6	2.74	**9.3**	**5.59**	1.73	2.72	1.77	2.4	**5.45**	1.8	ND	**5.9**	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	4.33	ND	5.76	2.49	ND	2.00	3.8	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	**42.58**	**47.07**	**37.1**	**23.91**	**51.32**	**54.18**	**53.26**	**44.75**	**33.8**	**26.3**	**10.70**	**14**	ND	**27**	**22.8**	**19.1**
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	4.65	3.57	3.67	2.74	8.79	9.82	10.82	5.07	5.45	3.07	3.18	ND	ND	3.1	ND	3.02
	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	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**50.65**	**52.6**	**34.14**	**24.25**	**53.8**	**50.9**	**45.34**	**39.05**	**42.4**	**26.1**	**21.60**	**17**	ND	**28**	**24.7**	**24**
	Trichlorofluoromethane	2.97	2.52	1.24	1.04	3.79	2.9	2.1	2.09	2.14	1.26	2.53	2.9	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.27	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**13.3**	**7.95**	**12.01**	**10.23**	**18.34**	**13.71**	**12.75**	**13.43**	**15.4**	**10.2**	**31.60**	**11**	ND	**12**	**13.1**	**12.9**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
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	11.6	2.66	4.97	2.74	12.73	8.14	12.72	10.97	22.7	10.6	39.20	23	ND	21	18.3	22.6
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.54	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	11	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	1.59	ND	1.08	ND	ND	0.63	1.17	ND	ND	ND	ND	1.07
	1,2-Dichloropropane	3.25	2.02	4.85	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**
	1,4-Dichlorobenzene	2.01	ND	11	1.5	3.77	ND	2.82	ND	4.18	2.83	4.51	ND	ND	5.4	6.4	6.13
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.59	0.70	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	1.58	ND	2.15	ND	3.54	1.89	2.66	1.82	2.63	1.89	3.46	2.2	ND	3.5	ND	3.61
	Bromochloromethane	ND	ND	1.29	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	ND	ND	NT	NT	NT	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	1.21	0.92	1.46	ND	ND	2.1	ND	2.27
	Chloroethane	1.27	2.69	1.03	ND	ND	ND	2.5	2.61	1.39	0.87	1.64	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND
	cis-1,2-Dichloroethene	11.79	7.57	18.1	22.6	25.91	25.54	26.92	26.86	21.4	12.4	26.20	14	ND	23	32.1	22.5
	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	**7.22**	ND	**12.3**	1.72	**6.16**	**9.35**	**6.24**	4.91	**8.27**	**11.3**	**8.19**	**10**	ND	ND	**5.01**	**7.93**
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	0.85	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	**12.43**	**5.03**	**21.98**	ND	**23.67**	**16.57**	**21.49**	**7.95**	**15.4**	**20**	**17.10**	**12**	1.8	**22**	**26.5**	**22.3**
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	1.38	ND	2.68	1.42	1.52	1.23	1.91	1.62	2.44	1.8	ND	2.5	ND	2.55
	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	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**14.72**	**13.99**	**17.23**	ND	**24.95**	**12.65**	**18.35**	**6.22**	**18.1**	**11.6**	**20.30**	**9.4**	ND	**17**	**24.9**	**16.7**
	Trichlorofluoromethane	2.57	ND	2.26	ND	3.46	1.91	1.78	ND	2.42	1.8	3.80	4.5	ND	2.2	ND	2.17
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	6.6	ND	ND	ND	ND
	Vinyl Chloride	1.8	ND	**6.32**	1.54	**2.9**	**6.72**	**3.97**	**6.99**	**6.3**	**7.32**	**6.22**	ND	ND	**6.4**	ND	**6.64**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
OB15	1,1,1,2-Tetrachloroethane	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	NS	3.19	1.88	7.04	NS	4.2	4.03	4.04	4.62	1.08	12.00	2.3	ND	3.1	ND	1.56
	1,1-Dichloroethene	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	NS	ND	11	ND	NS	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	NS	ND	11	ND	NS	ND	ND	ND	ND	0.28	ND	ND	ND	ND	ND	ND
	2-Butanone	NS	ND	6.45	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	NS	ND	ND	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NS	NT	NT	NT	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	NS	ND	ND	ND	NS	NT	NT	NT	ND	0.61	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NS	NT	NT	NT	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	NS	ND	ND	ND	NS	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	NS	ND	ND	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	3.6	ND	ND
	Chloroethane	NS	ND	ND	ND	NS	ND	ND	ND	ND	0.05	0.98	ND	ND	ND	ND	ND
	Chloroform	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NS	NT	NT	NT	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	NS	ND	ND	1.28	NS	1.1	1.51	1.17	1.51	1.18	1.02	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	NS	ND	ND	ND	NS	Nt	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NS	NT	NT	NT	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Styrene	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	NS	ND	ND	ND	NS	ND	ND	ND	ND	0.48	0.54	ND	ND	1.1	ND	ND
	Toluene	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	NS	ND	ND	ND	NS	ND	ND	ND	ND	0.39	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	NS	ND	ND	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	NS	2.73	1.75	1.16	NS	ND	ND	ND	ND	2.31	1.23	1.1	ND	2.2	ND	1.18
	Trichlorofluoromethane	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NS	NT	NT	NT	NS	NT	NT	NT	NT	0.01	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	NS	**6.33**	**11.66**	**18.4**	NS	**6.29**	**9.17**	**2.78**	**3.92**	**3.55**	**10.20**	ND	ND	1.9	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
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	ND	ND	ND	1.13	0.63	1.11	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	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**143**	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	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	0.23	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	1.38	ND	ND	ND	3.16	0.71	3.80	ND	ND	3.7	3.3	ND
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.45	0.87	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.82	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.11	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	ND	ND	NT	NT	NT	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	1.58	ND	1.07	ND	1.93	0.47	4.50	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.17	0.69	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	2.56	6.07	4.38	6.23	4.12	7.5	4.52	6.82	ND	ND	4.9	9.55	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	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	1.44	ND	ND	ND	ND	ND	0.86	ND	ND	3.8	ND	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	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	1.04	2.43	1.21	ND	ND	1.66	0.81	2.24	ND	ND	2.1	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	1.21	ND	**2.15**	ND	**5.29**	ND	**4.29**	ND	**2.61**	0.38	**4.04**	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
ST015	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	2.82	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	1.8	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	3.65	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	3.69	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan	ND	**5.52**	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	**2.56**	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	10	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	10	ND	ND	ND	NS	ND	ND	0.27	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	NT	ND	ND	ND	NT	NS	NT	ND	ND	0.56	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NS	NT	ND	0.27	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	1.11	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	1.09	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.78	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	1.04	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	2.33	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	1.15	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	1.45	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	3.64	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	5.94	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	1.06	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	1.4	ND	1.1	NS	2.2	ND	1.38	ND	ND	ND	ND	ND	1.5
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NS	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
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	ND	ND	ND	NT
	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	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	0.22	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.21	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	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	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	ND	ND	NT	NT	NT	ND	ND	ND	1.8	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	NT	NT	NT	ND	ND	ND	ND	ND	0.87	4.9	ND	ND	ND	ND
	cis-1,2-Dichloroethene	1.22	ND	2.52	ND	2.99	1.22	ND	1.15	1.54	0.57	1.26	ND	ND	ND	ND	1.3
	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	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	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	1.65	ND	1.56	ND	ND	ND	ND	ND	1.10	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	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	1.33	ND	1.4	ND	ND	ND	ND	0.27	0.90	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	NT	NT	NT	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	NT	NT	NT	ND	ND	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	2005-F	2006-S	2006-F	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
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	ND	ND	ND	1.13	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	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan	ND	**1.04**	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	11	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	1.34	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	11	ND	ND	ND	ND	ND	ND	0.17	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	1.17	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	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	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	0.23	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	NT	NT	NT	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	NT	NT	NT	ND	ND	ND	ND	ND	0.81	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	9.43	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	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	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	1.6	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	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	**7.13**	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	1.29	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	3.6	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	2005-F	2006-S	2006-F	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
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	ND	ND	ND	NT
	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	10	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	10	ND	ND	ND	ND	ND	ND	0.19	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	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	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	0.28	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	NT	NT	NT	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.04	ND	1.17	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	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	3.82	ND	7.27	1.19	4.27	1.04	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	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	ND	ND	NT	NT	NT	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	NT	NT	NT	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	NT	NT	NT	ND	ND	2.2	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	2005-F	2006-S	2006-F	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
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	ND	ND	ND	NT
	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	10	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.69	1.49	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	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	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	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	ND	ND	NT	NT	NT	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	NT	NT	NT	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	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	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	ND	ND	NT	NT	NT	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	NT	NT	NT	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	NT	NT	NT	ND	ND	1.6	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	2005-F	2006-S	2006-F	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
MW1B	1,1,1,2-Tetrachloroethane											NT	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane											NT	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane											NT	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane											NT	ND	ND	ND	ND	ND
	1,1-Dichloroethane											NT	ND	ND	ND	ND	ND
	1,1-Dichloroethene											NT	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane											NT	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan											NT	ND	ND	ND	ND	ND
	1,2-Dibromoethane											NT	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene											NT	ND	ND	ND	ND	ND
	1,2-Dichloroethane											NT	ND	ND	ND	ND	ND
	1,2-Dichloropropane											NT	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene											NT	ND	ND	ND	ND	ND
	2-Butanone											NT	ND	ND	ND	ND	ND
	2-Hexanone											NT	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone											NT	ND	ND	ND	ND	ND
	Acetone											NT	ND	ND	ND	ND	ND
	Acrylonitrile											NT	ND	ND	ND	ND	ND
	Benzene											NT	ND	ND	ND	ND	ND
	Bromochloromethane											NT	ND	ND	ND	ND	ND
	Bromodichloromethane											NT	ND	ND	ND	ND	ND
	Bromoform											NT	ND	ND	ND	ND	ND
	Bromomethane											NT	ND	ND	ND	ND	ND
	Carbon disulfide											NT	ND	ND	ND	ND	ND
	Carbon Tetrachloride											NT	ND	ND	ND	ND	ND
	Chlorobenzene											NT	ND	ND	ND	ND	ND
	Chloroethane											NT	ND	ND	ND	ND	ND
	Chloroform											NT	ND	ND	ND	ND	ND
	Chloromethane											NT	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene											NT	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene											NT	ND	ND	ND	ND	ND
	Dibromochloromethane											NT	ND	ND	ND	ND	ND
	Dibromomethane											NT	ND	ND	ND	ND	ND
	Dichloromethane											NT	ND	ND	ND	ND	ND
	Ethylbenzene											NT	ND	ND	ND	ND	ND
	Methyl Iodide											NT	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether											NT	ND	ND	ND	ND	ND
	ortho-Xylene											NT	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene											NT	NT	NT	NT	ND	ND
	Styrene											NT	ND	ND	ND	ND	ND
	Tetrachloroethene											NT	ND	ND	ND	ND	ND
	Toluene											NT	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene											NT	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene											NT	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten											NT	ND	ND	ND	ND	ND
	Trichloroethene											NT	ND	ND	ND	ND	ND
	Trichlorofluoromethane											NT	ND	ND	ND	ND	ND
	Vinyl Acetate											NT	ND	ND	ND	ND	ND
	Vinyl Chloride											NT	ND	ND	ND	ND	ND
	Xylene (Total)											NT	ND	ND	ND	NT	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2005-F	2006-S	2006-F	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
MW2A	1,1,1,2-Tetrachloroethane											NT	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane											NT	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane											NT	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane											NT	ND	ND	ND	ND	ND
	1,1-Dichloroethane											NT	ND	ND	ND	ND	ND
	1,1-Dichloroethene											NT	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane											NT	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan											NT	ND	ND	ND	ND	ND
	1,2-Dibromoethane											NT	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene											NT	ND	ND	ND	ND	ND
	1,2-Dichloroethane											NT	ND	ND	ND	ND	ND
	1,2-Dichloropropane											NT	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene											NT	ND	ND	ND	ND	ND
	2-Butanone											NT	ND	ND	ND	ND	ND
	2-Hexanone											NT	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone											NT	ND	ND	ND	ND	ND
	Acetone											NT	ND	ND	ND	ND	40.8
	Acrylonitrile											NT	ND	ND	ND	ND	ND
	Benzene											NT	ND	ND	ND	ND	ND
	Bromochloromethane											NT	ND	ND	ND	ND	ND
	Bromodichloromethane											NT	ND	ND	ND	ND	ND
	Bromoform											NT	ND	ND	ND	ND	ND
	Bromomethane											NT	ND	ND	ND	ND	ND
	Carbon disulfide											NT	ND	ND	ND	ND	ND
	Carbon Tetrachloride											NT	ND	ND	ND	ND	ND
	Chlorobenzene											NT	ND	ND	ND	ND	ND
	Chloroethane											NT	ND	ND	ND	ND	ND
	Chloroform											NT	ND	ND	ND	ND	ND
	Chloromethane											NT	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene											NT	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene											NT	ND	ND	ND	ND	ND
	Dibromochloromethane											NT	ND	ND	ND	ND	ND
	Dibromomethane											NT	ND	ND	ND	ND	ND
	Dichloromethane											NT	ND	ND	ND	ND	ND
	Ethylbenzene											NT	ND	ND	ND	ND	ND
	Methyl Iodide											NT	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether											NT	ND	ND	ND	ND	ND
	ortho-Xylene											NT	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene											NT	NT	NT	NT	ND	ND
	Styrene											NT	ND	ND	ND	ND	ND
	Tetrachloroethene											NT	4	2.5	2.2	3.3	ND
	Toluene											NT	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene											NT	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene											NT	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten											NT	ND	ND	ND	ND	ND
	Trichloroethene											NT	ND	ND	ND	ND	ND
	Trichlorofluoromethane											NT	ND	ND	ND	ND	ND
	Vinyl Acetate											NT	ND	ND	ND	ND	ND
	Vinyl Chloride											NT	ND	ND	ND	ND	ND
	Xylene (Total)											NT	ND	ND	ND	NT	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2005-F	2006-S	2006-F	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
MW2B	1,1,1,2-Tetrachloroethane											NT	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane											NT	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane											NT	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane											NT	ND	ND	ND	ND	ND
	1,1-Dichloroethane											NT	ND	ND	ND	ND	ND
	1,1-Dichloroethene											NT	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane											NT	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan											NT	ND	ND	ND	ND	ND
	1,2-Dibromoethane											NT	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene											NT	ND	ND	ND	ND	ND
	1,2-Dichloroethane											NT	ND	ND	ND	ND	ND
	1,2-Dichloropropane											NT	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene											NT	ND	ND	ND	ND	ND
	2-Butanone											NT	ND	ND	ND	ND	ND
	2-Hexanone											NT	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone											NT	ND	ND	ND	ND	ND
	Acetone											NT	ND	ND	ND	ND	ND
	Acrylonitrile											NT	ND	ND	ND	ND	ND
	Benzene											NT	ND	ND	ND	ND	ND
	Bromochloromethane											NT	ND	ND	ND	ND	ND
	Bromodichloromethane											NT	ND	ND	ND	ND	ND
	Bromoform											NT	ND	ND	ND	ND	ND
	Bromomethane											NT	ND	ND	ND	ND	ND
	Carbon disulfide											NT	ND	ND	ND	ND	ND
	Carbon Tetrachloride											NT	ND	ND	ND	ND	ND
	Chlorobenzene											NT	ND	ND	ND	ND	ND
	Chloroethane											NT	ND	ND	ND	ND	ND
	Chloroform											NT	ND	ND	ND	ND	ND
	Chloromethane											NT	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene											NT	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene											NT	ND	ND	ND	ND	ND
	Dibromochloromethane											NT	ND	ND	ND	ND	ND
	Dibromomethane											NT	ND	ND	ND	ND	ND
	Dichloromethane											NT	ND	ND	ND	ND	ND
	Ethylbenzene											NT	ND	ND	ND	ND	ND
	Methyl Iodide											NT	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether											NT	ND	ND	ND	ND	ND
	ortho-Xylene											NT	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene											NT	NT	NT	NT	ND	ND
	Styrene											NT	ND	ND	ND	ND	ND
	Tetrachloroethene											NT	1.9	3	3.2	3.27	ND
	Toluene											NT	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene											NT	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene											NT	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten											NT	ND	ND	ND	ND	ND
	Trichloroethene											NT	ND	ND	ND	ND	ND
	Trichlorofluoromethane											NT	ND	ND	ND	ND	ND
	Vinyl Acetate											NT	ND	ND	ND	ND	ND
	Vinyl Chloride											NT	ND	ND	ND	ND	ND
	Xylene (Total)											NT	ND	ND	ND	NT	NT

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

Location	Parameter	2005-F	2006-S	2006-F	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
MW3A	1,1,1,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene											ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane											ND	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan											ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane											ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene											ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane											ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane											ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene											ND	ND	ND	ND	ND	ND
	2-Butanone											ND	ND	ND	ND	ND	ND
	2-Hexanone											ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone											ND	ND	ND	ND	ND	ND
	Acetone											ND	ND	ND	ND	ND	ND
	Acrylonitrile											ND	ND	ND	ND	ND	ND
	Benzene											ND	ND	ND	ND	ND	ND
	Bromochloromethane											ND	ND	ND	ND	ND	ND
	Bromodichloromethane											ND	ND	ND	ND	ND	ND
	Bromoform											ND	ND	ND	ND	ND	ND
	Bromomethane											ND	ND	ND	ND	ND	ND
	Carbon disulfide											ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride											ND	ND	ND	ND	ND	ND
	Chlorobenzene											ND	ND	ND	ND	ND	ND
	Chloroethane											ND	ND	ND	ND	ND	ND
	Chloroform											1.46	1.5	1.6	1.8	ND	1.15
	Chloromethane											ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene											ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	Dibromochloromethane											ND	ND	ND	ND	ND	ND
	Dibromomethane											ND	ND	ND	ND	ND	ND
	Dichloromethane											ND	ND	ND	ND	ND	ND
	Ethylbenzene											ND	ND	ND	ND	ND	ND
	Methyl Iodide											ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether											ND	ND	ND	ND	ND	ND
	ortho-Xylene											ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene											ND	NT	NT	NT	ND	ND
	Styrene											ND	ND	ND	ND	ND	ND
	Tetrachloroethene											ND	ND	ND	ND	ND	ND
	Toluene											ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene											ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten											ND	ND	ND	ND	ND	ND
	Trichloroethene											ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane											ND	ND	ND	ND	ND	ND
	Vinyl Acetate											ND	ND	ND	ND	ND	ND
	Vinyl Chloride											ND	ND	ND	ND	ND	ND
	Xylene (Total)											NT	ND	ND	ND	NT	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2005-F	2006-S	2006-F	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
MW3B	1,1,1,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene											ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane											ND	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan											ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane											ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene											ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane											ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane											ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene											ND	ND	ND	ND	ND	ND
	2-Butanone											ND	ND	ND	ND	ND	ND
	2-Hexanone											ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone											ND	ND	ND	ND	ND	ND
	Acetone											ND	ND	ND	ND	ND	ND
	Acrylonitrile											ND	ND	ND	ND	ND	ND
	Benzene											ND	ND	ND	ND	ND	ND
	Bromochloromethane											ND	ND	ND	ND	ND	ND
	Bromodichloromethane											ND	ND	ND	ND	ND	ND
	Bromoform											ND	ND	ND	ND	ND	ND
	Bromomethane											ND	ND	ND	ND	ND	ND
	Carbon disulfide											ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride											ND	ND	ND	ND	ND	ND
	Chlorobenzene											ND	ND	ND	ND	ND	ND
	Chloroethane											ND	ND	ND	ND	ND	ND
	Chloroform											ND	ND	ND	ND	ND	ND
	Chloromethane											ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene											1.11	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	Dibromochloromethane											ND	ND	ND	ND	ND	ND
	Dibromomethane											ND	ND	ND	ND	ND	ND
	Dichloromethane											ND	ND	ND	ND	ND	ND
	Ethylbenzene											ND	ND	ND	ND	ND	ND
	Methyl Iodide											ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether											ND	ND	ND	ND	ND	ND
	ortho-Xylene											ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene											ND	NT	NT	NT	ND	ND
	Styrene											ND	ND	ND	ND	ND	ND
	Tetrachloroethene											ND	ND	ND	ND	ND	ND
	Toluene											ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene											ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten											ND	ND	ND	ND	ND	ND
	Trichloroethene											ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane											ND	ND	ND	ND	ND	ND
	Vinyl Acetate											ND	ND	ND	ND	ND	ND
	Vinyl Chloride											ND	ND	ND	ND	ND	ND
	Xylene (Total)											NT	ND	ND	ND	NT	NT

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2005-F	2006-S	2006-F	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
MW04	1,1,1,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane											ND	9.3	ND	ND	ND	ND
	1,1-Dichloroethene											ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane											ND	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan											ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane											ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene											ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane											ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane											ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene											ND	ND	ND	ND	ND	ND
	2-Butanone											ND	ND	ND	ND	ND	ND
	2-Hexanone											ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone											ND	ND	ND	ND	ND	ND
	Acetone											ND	9.4	ND	ND	ND	ND
	Acrylonitrile											ND	ND	ND	ND	ND	ND
	Benzene											ND	1.1	2.1	ND	ND	ND
	Bromochloromethane											ND	ND	ND	ND	ND	ND
	Bromodichloromethane											ND	ND	ND	ND	ND	ND
	Bromoform											ND	ND	ND	ND	ND	ND
	Bromomethane											ND	ND	ND	ND	ND	ND
	Carbon disulfide											ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride											ND	ND	ND	ND	ND	ND
	Chlorobenzene											ND	5.6	ND	ND	ND	ND
	Chloroethane											ND	ND	ND	ND	ND	ND
	Chloroform											ND	ND	ND	ND	ND	ND
	Chloromethane											ND	2.9	ND	ND	ND	ND
	cis-1,2-Dichloroethene											ND	13	ND	ND	ND	ND
	cis-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	Dibromochloromethane											ND	ND	ND	ND	ND	ND
	Dibromomethane											ND	ND	ND	ND	ND	ND
	Dichloromethane											ND	ND	2	ND	ND	ND
	Ethylbenzene											ND	ND	ND	ND	ND	ND
	Methyl Iodide											ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether											ND	ND	ND	ND	ND	ND
	ortho-Xylene											ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene											ND	NT	NT	NT	ND	ND
	Styrene											ND	ND	ND	ND	ND	ND
	Tetrachloroethene											ND	ND	1.5	ND	ND	ND
	Toluene											ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene											ND	1.7	ND	ND	ND	ND
	trans-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten											ND	ND	ND	ND	ND	ND
	Trichloroethene											ND	**5.6**	1.4	ND	ND	ND
	Trichlorofluoromethane											ND	ND	14	ND	ND	ND
	Vinyl Acetate											ND	ND	ND	ND	ND	ND
	Vinyl Chloride											ND	ND	3.1	ND	ND	ND
	Xylene (Total)											NT	ND	ND	ND	NT	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2005-F	2006-S	2006-F	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
MW06	1,1,1,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane											6.86	ND	ND	3.3	ND	2.79
	1,1-Dichloroethene											ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane											ND	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan											ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane											ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene											ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane											1.84	ND	ND	ND	ND	ND
	1,2-Dichloropropane											2.37	ND	ND	ND	ND	1.15
	1,4-Dichlorobenzene											6.64	ND	ND	ND	6.24	4.53
	2-Butanone											ND	ND	ND	ND	ND	ND
	2-Hexanone											ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone											ND	ND	ND	ND	ND	ND
	Acetone											ND	ND	ND	ND	ND	ND
	Acrylonitrile											ND	ND	ND	ND	ND	ND
	Benzene											0.74	ND	ND	6.3	ND	ND
	Bromochloromethane											ND	ND	ND	ND	ND	ND
	Bromodichloromethane											ND	ND	ND	ND	ND	ND
	Bromoform											ND	ND	ND	ND	ND	ND
	Bromomethane											ND	ND	ND	ND	ND	ND
	Carbon disulfide											ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride											ND	ND	ND	ND	ND	ND
	Chlorobenzene											5.77	7.1	6.1	ND	6.56	5.03
	Chloroethane											ND	ND	ND	ND	ND	ND
	Chloroform											ND	ND	ND	ND	ND	ND
	Chloromethane											ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene											33.20	ND	ND	23	18.1	15.3
	cis-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	Dibromochloromethane											ND	ND	ND	ND	ND	ND
	Dibromomethane											ND	ND	ND	ND	ND	ND
	Dichloromethane											0.56	ND	ND	ND	ND	ND
	Ethylbenzene											ND	ND	ND	ND	ND	ND
	Methyl Iodide											ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether											5.16	ND	ND	3.3	ND	ND
	ortho-Xylene											ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene											ND	NT	NT	NT	ND	ND
	Styrene											ND	ND	ND	ND	ND	ND
	Tetrachloroethene											ND	ND	ND	ND	ND	ND
	Toluene											ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene											2.63	ND	2.2	1.2	ND	1.01
	trans-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten											ND	ND	ND	ND	ND	ND
	Trichloroethene											1.19	ND	ND	ND	ND	ND
	Trichlorofluoromethane											ND	ND	ND	ND	ND	ND
	Vinyl Acetate											ND	ND	ND	ND	ND	ND
	Vinyl Chloride											ND	ND	ND	2	ND	1.65
	Xylene (Total)											NT	ND	ND	ND	NT	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2005-F	2006-S	2006-F	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
MW07	1,1,1,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene											ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane											ND	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan											ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane											ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene											ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane											ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane											ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene											ND	ND	ND	ND	ND	1.69
	2-Butanone											0.73	ND	ND	ND	ND	ND
	2-Hexanone											ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone											ND	ND	ND	ND	ND	ND
	Acetone											4.74	ND	ND	ND	ND	ND
	Acrylonitrile											ND	ND	ND	ND	ND	ND
	Benzene											ND	ND	ND	ND	ND	ND
	Bromochloromethane											ND	ND	ND	ND	ND	ND
	Bromodichloromethane											ND	ND	ND	ND	ND	ND
	Bromoform											ND	ND	ND	ND	ND	ND
	Bromomethane											ND	ND	ND	ND	ND	ND
	Carbon disulfide											2.00	ND	ND	ND	ND	ND
	Carbon Tetrachloride											ND	ND	ND	ND	ND	ND
	Chlorobenzene											ND	ND	ND	ND	ND	ND
	Chloroethane											ND	ND	ND	ND	ND	ND
	Chloroform											ND	ND	ND	ND	ND	ND
	Chloromethane											0.58	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene											ND	ND	ND	ND	5.12	3.38
	cis-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	Dibromochloromethane											ND	ND	ND	ND	ND	ND
	Dibromomethane											ND	ND	ND	ND	ND	ND
	Dichloromethane											ND	ND	1.7	ND	ND	ND
	Ethylbenzene											ND	ND	ND	ND	ND	ND
	Methyl Iodide											ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether											ND	ND	ND	ND	ND	ND
	ortho-Xylene											ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene											ND	NT	NT	NT	ND	ND
	Styrene											ND	ND	ND	ND	ND	ND
	Tetrachloroethene											0.54	ND	3	3.2	3.56	**5.26**
	Toluene											ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene											ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten											ND	ND	ND	ND	ND	ND
	Trichloroethene											0.52	**11**	3	1.3	3.58	2.21
	Trichlorofluoromethane											ND	ND	ND	ND	ND	ND
	Vinyl Acetate											ND	ND	ND	ND	ND	ND
	Vinyl Chloride											ND	ND	ND	ND	ND	ND
	Xylene (Total)											NT	ND	ND	ND	NT	NT

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

Location	Parameter	2005-F	2006-S	2006-F	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
MW08	1,1,1,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene											ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane											ND	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan											ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane											ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene											ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane											ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane											ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene											ND	ND	ND	ND	4.03	1.45
	2-Butanone											ND	ND	ND	ND	ND	ND
	2-Hexanone											ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone											ND	ND	ND	ND	ND	ND
	Acetone											1.41	8.6	ND	ND	ND	ND
	Acrylonitrile											ND	ND	ND	ND	ND	ND
	Benzene											ND	ND	ND	ND	ND	ND
	Bromochloromethane											ND	ND	ND	ND	ND	ND
	Bromodichloromethane											ND	ND	ND	ND	ND	ND
	Bromoform											ND	ND	ND	ND	ND	ND
	Bromomethane											ND	ND	ND	ND	ND	ND
	Carbon disulfide											ND	1.1	ND	ND	ND	ND
	Carbon Tetrachloride											ND	ND	ND	ND	ND	ND
	Chlorobenzene											0.51	ND	ND	ND	ND	ND
	Chloroethane											ND	ND	ND	ND	ND	ND
	Chloroform											ND	ND	ND	ND	ND	ND
	Chloromethane											1.98	3.7	ND	ND	ND	ND
	cis-1,2-Dichloroethene											ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	Dibromochloromethane											ND	ND	ND	ND	ND	ND
	Dibromomethane											ND	ND	ND	ND	ND	ND
	Dichloromethane											ND	ND	ND	ND	ND	ND
	Ethylbenzene											ND	ND	ND	ND	ND	ND
	Methyl Iodide											ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether											ND	ND	ND	ND	ND	ND
	ortho-Xylene											ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene											ND	NT	NT	NT	ND	ND
	Styrene											ND	ND	ND	ND	ND	ND
	Tetrachloroethene											ND	ND	ND	ND	ND	ND
	Toluene											ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene											ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten											ND	ND	ND	ND	ND	ND
	Trichloroethene											ND	ND	2.8	ND	**5.37**	1.24
	Trichlorofluoromethane											ND	ND	ND	ND	ND	ND
	Vinyl Acetate											ND	ND	ND	ND	ND	ND
	Vinyl Chloride											ND	ND	ND	ND	ND	ND
	Xylene (Total)											NT	ND	ND	ND	NT	NT

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2005-F	2006-S	2006-F	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
MW09	1,1,1,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene											ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane											ND	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan											ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane											ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene											ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane											ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane											ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene											ND	ND	ND	ND	ND	ND
	2-Butanone											ND	ND	ND	ND	ND	ND
	2-Hexanone											ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone											ND	ND	ND	ND	ND	ND
	Acetone											ND	22	ND	ND	ND	ND
	Acrylonitrile											ND	ND	ND	ND	ND	ND
	Benzene											ND	1	ND	ND	ND	ND
	Bromochloromethane											ND	ND	ND	ND	ND	ND
	Bromodichloromethane											ND	ND	ND	ND	ND	ND
	Bromoform											ND	ND	ND	ND	ND	ND
	Bromomethane											ND	ND	ND	ND	ND	ND
	Carbon disulfide											ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride											ND	ND	ND	ND	ND	ND
	Chlorobenzene											ND	ND	ND	ND	ND	ND
	Chloroethane											ND	ND	ND	ND	ND	ND
	Chloroform											ND	ND	ND	ND	ND	ND
	Chloromethane											ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene											ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	Dibromochloromethane											ND	ND	ND	ND	ND	ND
	Dibromomethane											ND	ND	ND	ND	ND	ND
	Dichloromethane											ND	ND	ND	ND	ND	ND
	Ethylbenzene											ND	ND	ND	ND	ND	ND
	Methyl Iodide											ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether											ND	ND	ND	ND	ND	ND
	ortho-Xylene											ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene											ND	NT	NT	NT	ND	ND
	Styrene											ND	ND	ND	ND	ND	ND
	Tetrachloroethene											**8.72**	5	**16**	**14**	**13.6**	**16.4**
	Toluene											ND	3	ND	ND	ND	ND
	trans-1,2-Dichloroethene											ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten											ND	ND	ND	ND	ND	ND
	Trichloroethene											0.73	ND	ND	ND	ND	1.11
	Trichlorofluoromethane											ND	ND	ND	ND	ND	ND
	Vinyl Acetate											ND	ND	ND	ND	ND	ND
	Vinyl Chloride											ND	ND	ND	ND	ND	ND
	Xylene (Total)											NT	1.3	ND	ND	NT	NT

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Location	Parameter	2005-F	2006-S	2006-F	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
MW10	1,1,1,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene											ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane											ND	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan											ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane											ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene											ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane											ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane											ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene											ND	ND	ND	ND	ND	ND
	2-Butanone											ND	ND	ND	ND	ND	ND
	2-Hexanone											ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone											ND	ND	ND	ND	ND	ND
	Acetone											ND	24	ND	ND	ND	ND
	Acrylonitrile											ND	ND	ND	ND	ND	ND
	Benzene											ND	ND	ND	ND	ND	ND
	Bromochloromethane											ND	ND	ND	ND	ND	ND
	Bromodichloromethane											ND	ND	ND	ND	ND	ND
	Bromoform											ND	ND	ND	ND	ND	ND
	Bromomethane											ND	ND	ND	ND	ND	ND
	Carbon disulfide											ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride											ND	ND	ND	ND	ND	ND
	Chlorobenzene											ND	ND	ND	ND	ND	ND
	Chloroethane											ND	ND	ND	ND	ND	ND
	Chloroform											ND	ND	ND	ND	ND	ND
	Chloromethane											ND	5.2	ND	ND	ND	ND
	cis-1,2-Dichloroethene											ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	Dibromochloromethane											ND	ND	ND	ND	ND	ND
	Dibromomethane											ND	ND	ND	ND	ND	ND
	Dichloromethane											ND	ND	ND	ND	ND	ND
	Ethylbenzene											ND	ND	ND	ND	ND	ND
	Methyl Iodide											ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether											ND	ND	ND	ND	ND	ND
	ortho-Xylene											ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene											ND	NT	NT	NT	ND	ND
	Styrene											ND	ND	ND	ND	ND	ND
	Tetrachloroethene											ND	ND	ND	ND	ND	ND
	Toluene											ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene											ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten											ND	ND	ND	ND	ND	ND
	Trichloroethene											ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane											ND	ND	ND	ND	ND	ND
	Vinyl Acetate											ND	ND	ND	ND	ND	ND
	Vinyl Chloride											ND	ND	ND	ND	ND	ND
	Xylene (Total)											NT	ND	ND	ND	NT	NT

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

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2005-F	2006-S	2006-F	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
MW11B	1,1,1,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene											ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane											ND	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan											ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane											ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene											ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane											ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane											ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene											ND	ND	ND	ND	ND	ND
	2-Butanone											ND	ND	ND	ND	ND	ND
	2-Hexanone											ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone											ND	ND	ND	ND	ND	ND
	Acetone											ND	ND	ND	ND	ND	ND
	Acrylonitrile											ND	ND	ND	ND	ND	ND
	Benzene											ND	ND	ND	ND	ND	ND
	Bromochloromethane											ND	ND	ND	ND	ND	ND
	Bromodichloromethane											ND	ND	ND	ND	ND	ND
	Bromoform											ND	ND	ND	ND	ND	ND
	Bromomethane											ND	ND	ND	ND	ND	ND
	Carbon disulfide											ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride											ND	ND	ND	ND	ND	ND
	Chlorobenzene											ND	ND	ND	ND	ND	ND
	Chloroethane											ND	ND	ND	ND	ND	ND
	Chloroform											ND	ND	ND	ND	ND	ND
	Chloromethane											ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene											ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	Dibromochloromethane											ND	ND	ND	ND	ND	ND
	Dibromomethane											ND	ND	ND	ND	ND	ND
	Dichloromethane											ND	ND	ND	ND	ND	ND
	Ethylbenzene											ND	ND	ND	ND	ND	ND
	Methyl Iodide											ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether											ND	ND	ND	ND	ND	ND
	ortho-Xylene											ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene											ND	NT	NT	NT	ND	ND
	Styrene											ND	ND	ND	ND	ND	ND
	Tetrachloroethene											0.97	ND	ND	2.1	ND	2.74
	Toluene											ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene											ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten											ND	ND	ND	ND	ND	ND
	Trichloroethene											ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane											ND	ND	ND	ND	ND	ND
	Vinyl Acetate											ND	ND	ND	ND	ND	ND
	Vinyl Chloride											ND	ND	ND	ND	ND	ND
	Xylene (Total)											NT	ND	ND	ND	NT	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2005-F	2006-S	2006-F	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
MW12	1,1,1,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene											ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane											ND	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan											ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane											ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene											ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane											ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane											ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene											ND	ND	ND	ND	ND	ND
	2-Butanone											ND	ND	ND	ND	ND	ND
	2-Hexanone											ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone											ND	ND	ND	ND	ND	ND
	Acetone											ND	ND	ND	ND	ND	ND
	Acrylonitrile											ND	ND	ND	ND	ND	ND
	Benzene											ND	ND	ND	ND	ND	ND
	Bromochloromethane											ND	ND	ND	ND	ND	ND
	Bromodichloromethane											ND	ND	ND	ND	ND	ND
	Bromoform											ND	ND	ND	ND	ND	ND
	Bromomethane											ND	ND	ND	ND	ND	ND
	Carbon disulfide											ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride											ND	ND	ND	ND	ND	ND
	Chlorobenzene											ND	ND	ND	ND	ND	ND
	Chloroethane											ND	ND	ND	ND	ND	ND
	Chloroform											ND	ND	ND	ND	ND	ND
	Chloromethane											ND	4.1	ND	ND	ND	ND
	cis-1,2-Dichloroethene											ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	Dibromochloromethane											ND	ND	ND	ND	ND	ND
	Dibromomethane											ND	ND	ND	ND	ND	ND
	Dichloromethane											ND	ND	ND	ND	ND	ND
	Ethylbenzene											ND	ND	ND	ND	ND	ND
	Methyl Iodide											ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether											ND	ND	ND	ND	ND	ND
	ortho-Xylene											ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene											ND	NT	NT	NT	ND	ND
	Styrene											ND	ND	ND	ND	ND	ND
	Tetrachloroethene											ND	ND	ND	ND	ND	ND
	Toluene											ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene											ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten											ND	ND	ND	ND	ND	ND
	Trichloroethene											ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane											ND	ND	ND	ND	ND	ND
	Vinyl Acetate											ND	ND	ND	ND	ND	ND
	Vinyl Chloride											ND	ND	ND	ND	ND	ND
	Xylene (Total)											NT	ND	ND	ND	NT	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2005-F	2006-S	2006-F	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
MW13A	1,1,1,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane											17.90	25	ND	16	15.6	19
	1,1-Dichloroethene											ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane											ND	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan											ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane											ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene											ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane											1.86	ND	ND	ND	ND	2.35
	1,2-Dichloropropane											4.80	**6.6**	4.4	**5.4**	**5.64**	**6.94**
	1,4-Dichlorobenzene											3.54	ND	ND	5.9	5.12	5.77
	2-Butanone											ND	ND	ND	ND	ND	ND
	2-Hexanone											ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone											ND	ND	ND	ND	ND	ND
	Acetone											0.72	ND	ND	ND	ND	ND
	Acrylonitrile											ND	ND	ND	ND	ND	ND
	Benzene											3.31	4.4	3.7	2.9	ND	3.24
	Bromochloromethane											ND	ND	ND	ND	ND	ND
	Bromodichloromethane											ND	ND	ND	ND	ND	ND
	Bromoform											ND	ND	ND	ND	ND	ND
	Bromomethane											ND	ND	ND	ND	ND	ND
	Carbon disulfide											ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride											ND	ND	ND	ND	ND	ND
	Chlorobenzene											1.01	ND	ND	ND	ND	1.64
	Chloroethane											0.97	ND	ND	ND	ND	ND
	Chloroform											ND	ND	ND	ND	ND	ND
	Chloromethane											0.96	6.4	3.7	ND	ND	ND
	cis-1,2-Dichloroethene											**76.70**	**96**	ND	**97**	**79.8**	**105**
	cis-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	Dibromochloromethane											ND	ND	ND	ND	ND	ND
	Dibromomethane											ND	ND	ND	ND	ND	ND
	Dichloromethane											**8.07**	**10**	**9.2**	3.2	**6.02**	**6.49**
	Ethylbenzene											ND	ND	ND	ND	ND	ND
	Methyl Iodide											ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether											0.61	3.1	ND	ND	ND	ND
	ortho-Xylene											ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene											ND	NT	NT	NT	ND	ND
	Styrene											ND	ND	ND	ND	ND	ND
	Tetrachloroethene											**22.20**	**17**	**25**	**28**	**25.7**	**27.8**
	Toluene											ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene											3.26	7.3	6.2	3.5	ND	4
	trans-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten											ND	ND	ND	ND	ND	ND
	Trichloroethene											**26.90**	**23**	**28**	**32**	**30.2**	**33.9**
	Trichlorofluoromethane											1.50	3.8	4.6	ND	ND	ND
	Vinyl Acetate											ND	ND	ND	ND	ND	ND
	Vinyl Chloride											**11.10**	**14**	**18**	**8.6**	**8.58**	**10.1**
	Xylene (Total)											NT	ND	ND	ND	NT	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2005-F	2006-S	2006-F	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
MW13B	1,1,1,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane											ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane											ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane											17.80	ND	ND	15	13.9	17.2
	1,1-Dichloroethene											ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane											ND	ND	ND	ND	ND	NT
	1,2-Dibromo-3-chloropropan											ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane											ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene											0.54	ND	ND	ND	ND	ND
	1,2-Dichloroethane											3.11	ND	4.6	ND	ND	2.87
	1,2-Dichloropropane											**6.54**	ND	**7.4**	**7.5**	**7.73**	**8.01**
	1,4-Dichlorobenzene											8.86	ND	ND	11	9.67	10.2
	2-Butanone											ND	ND	ND	ND	ND	ND
	2-Hexanone											ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone											ND	ND	ND	ND	ND	ND
	Acetone											0.87	35	ND	ND	ND	ND
	Acrylonitrile											ND	ND	ND	ND	ND	ND
	Benzene											**5.56**	ND	**6.3**	4.6	ND	4.56
	Bromochloromethane											ND	ND	ND	ND	ND	ND
	Bromodichloromethane											ND	ND	ND	ND	ND	ND
	Bromoform											ND	ND	ND	ND	ND	ND
	Bromomethane											ND	ND	ND	ND	ND	ND
	Carbon disulfide											ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride											ND	ND	ND	ND	ND	ND
	Chlorobenzene											1.63	ND	ND	ND	ND	2.03
	Chloroethane											1.14	ND	ND	ND	ND	ND
	Chloroform											ND	ND	ND	ND	ND	ND
	Chloromethane											0.76	4.6	ND	ND	ND	ND
	cis-1,2-Dichloroethene											**101.00**	3.9	ND	**110**	**82**	**102**
	cis-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	Dibromochloromethane											ND	ND	ND	ND	ND	ND
	Dibromomethane											ND	ND	ND	ND	ND	ND
	Dichloromethane											**8.50**	ND	**11**	4.2	**5.95**	**7.2**
	Ethylbenzene											ND	ND	ND	ND	ND	ND
	Methyl Iodide											ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether											0.96	ND	ND	ND	ND	ND
	ortho-Xylene											ND	NT	NT	NT	ND	ND
	para-Xylene & meta-Xylene											ND	NT	NT	NT	ND	ND
	Styrene											ND	ND	ND	ND	ND	ND
	Tetrachloroethene											**22.70**	ND	**27**	**30**	**26.5**	**27**
	Toluene											ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene											4.45	ND	7.3	4.3	ND	4.22
	trans-1,3-Dichloropropene											ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten											ND	ND	ND	ND	ND	ND
	Trichloroethene											**32.00**	ND	**28**	**32**	**27.6**	**29.5**
	Trichlorofluoromethane											1.71	ND	4.7	1.3	ND	1.27
	Vinyl Acetate											ND	ND	ND	ND	ND	ND
	Vinyl Chloride											**17.20**	ND	**25**	**12**	**9.83**	**11.4**
	Xylene (Total)											NT	ND	ND	ND	NT	NT

NEW MONITORING WELL
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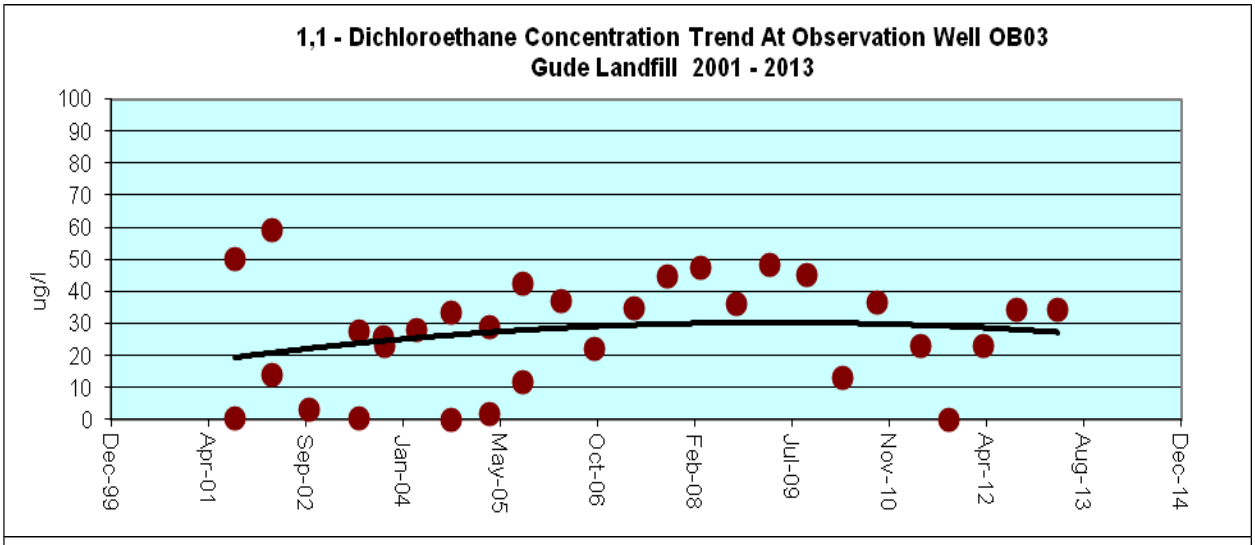
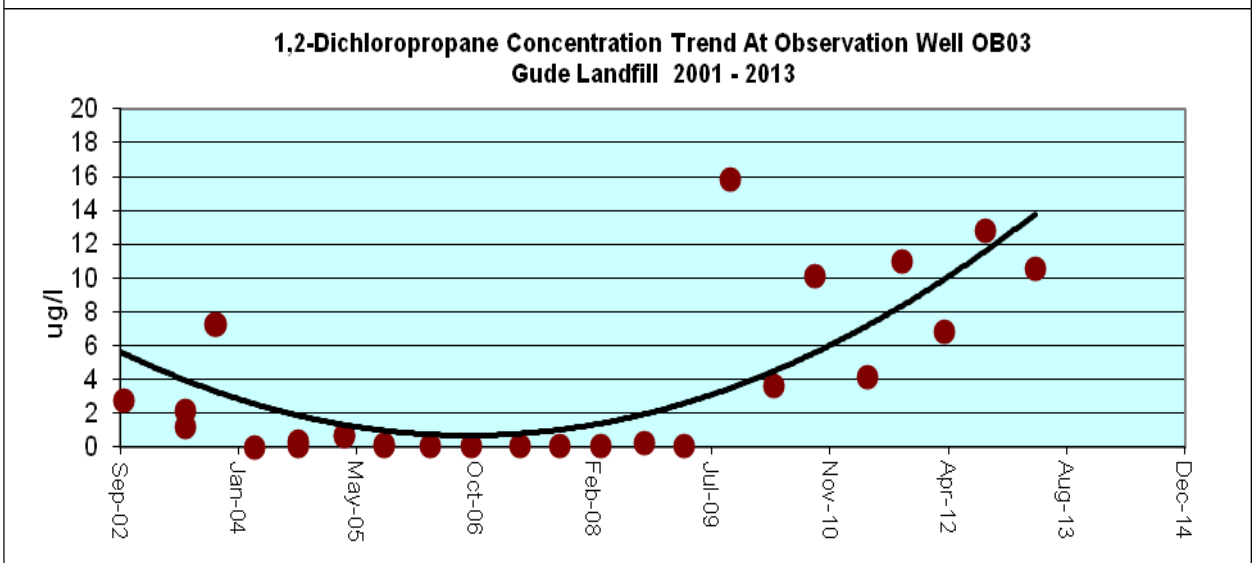
Appendix C

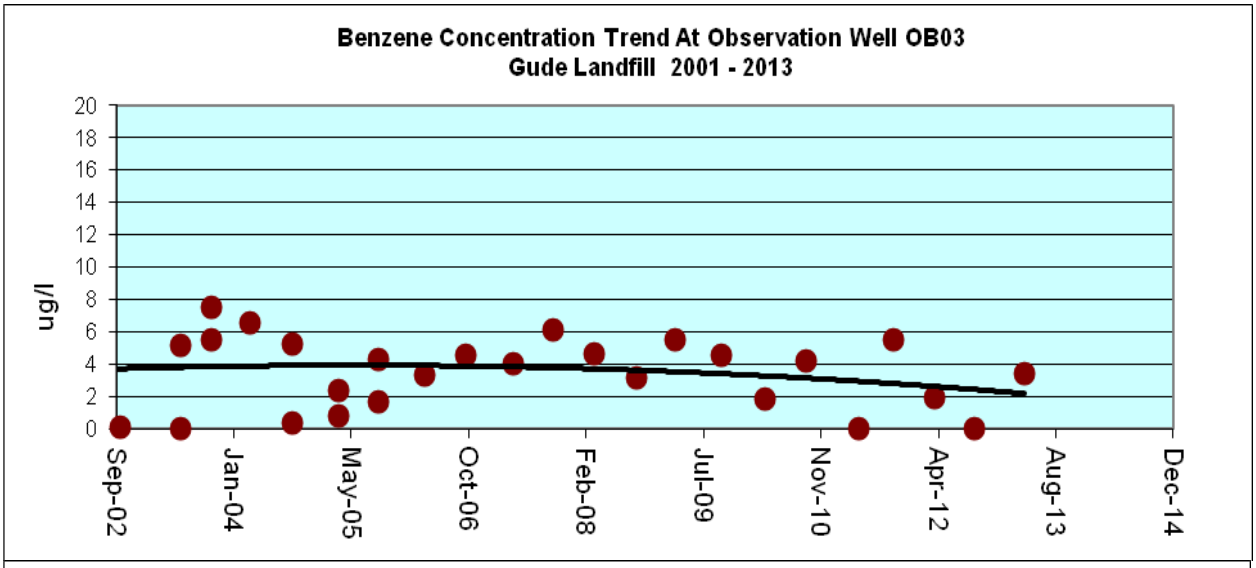
Volatile Organic Compounds

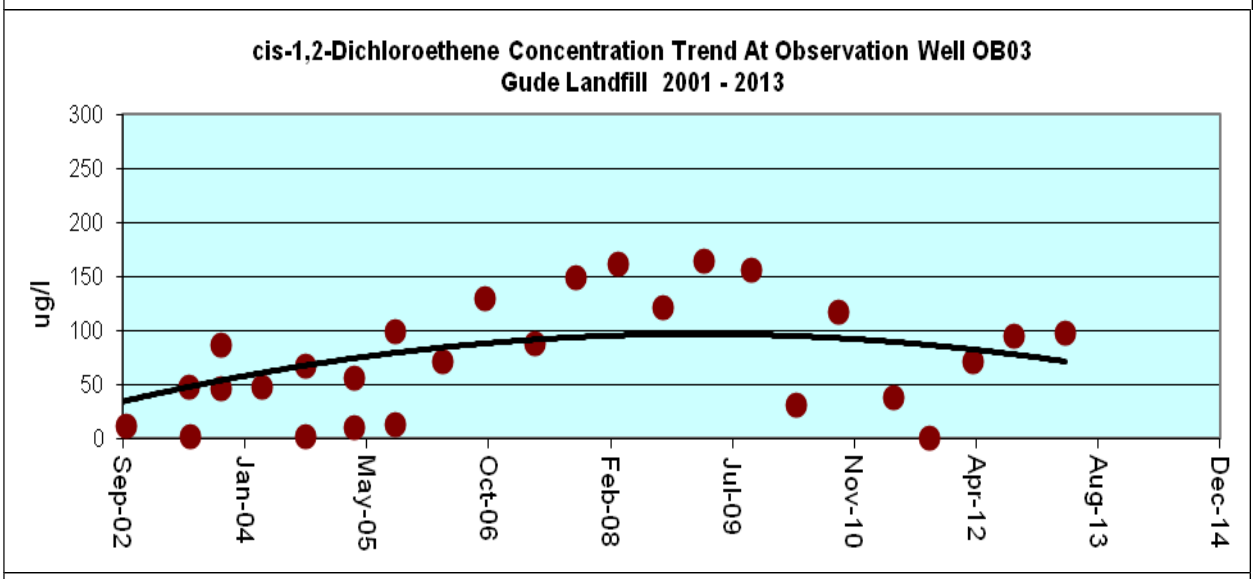
Trend Analysis

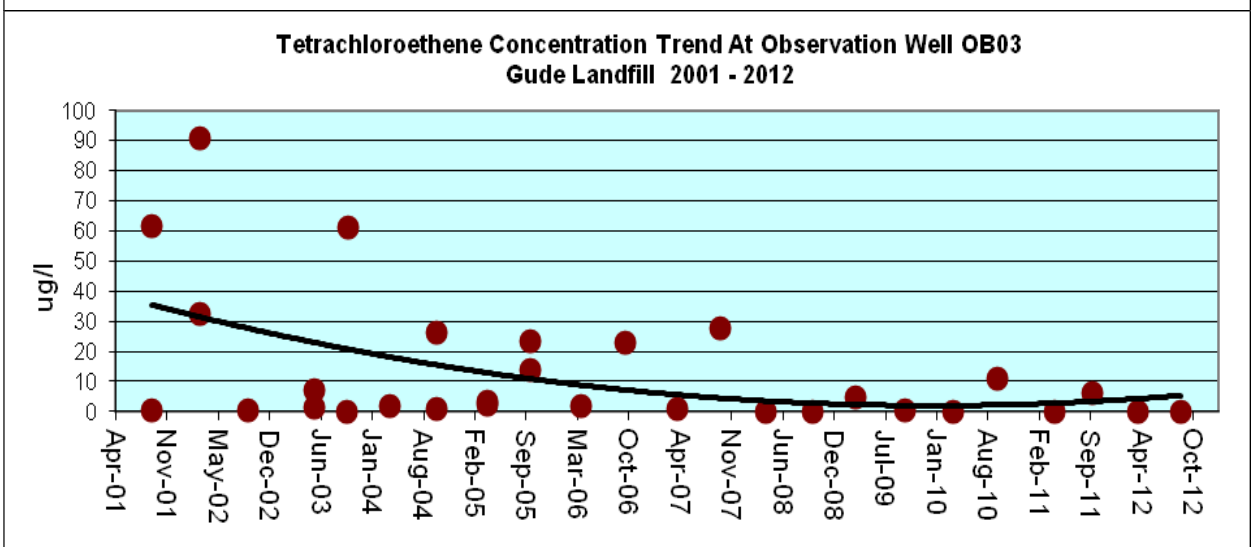
The following graphs provide Historical Trend Analysis for those VOC compounds that are consistently detected at specific monitoring locations. These historical trend analyses do not include the monitoring locations installed in 2010.
(Please refer to Tables 1 and 2 for additional information.)

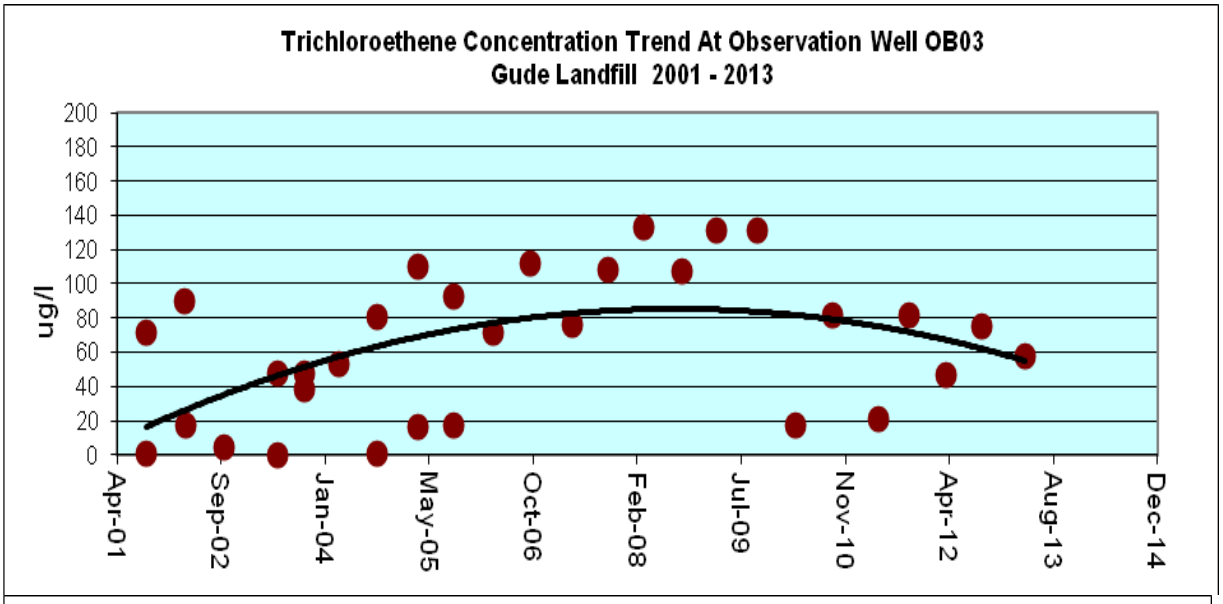


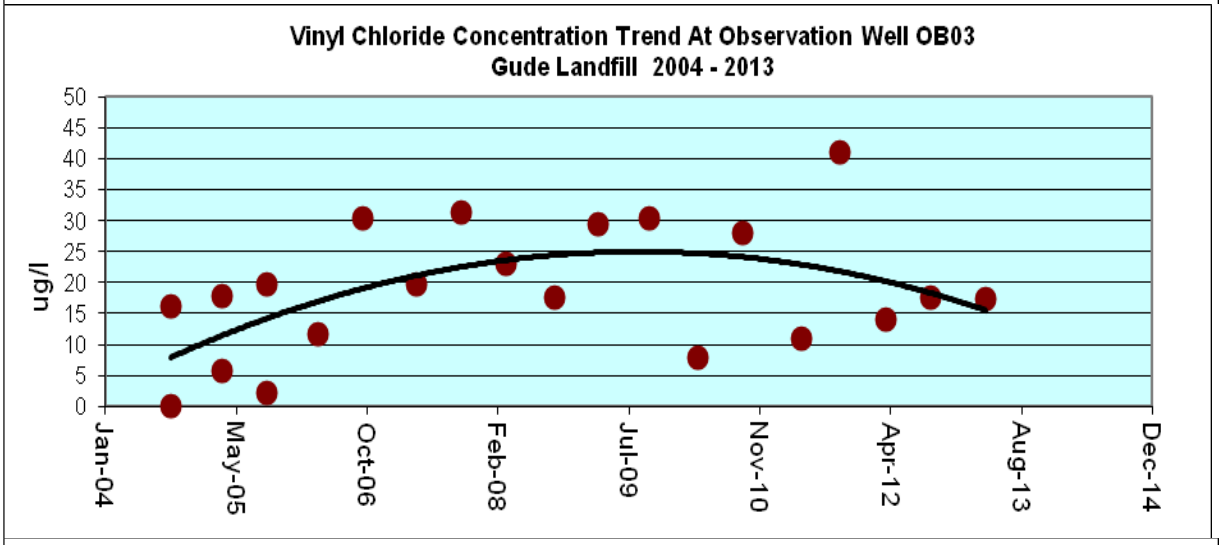


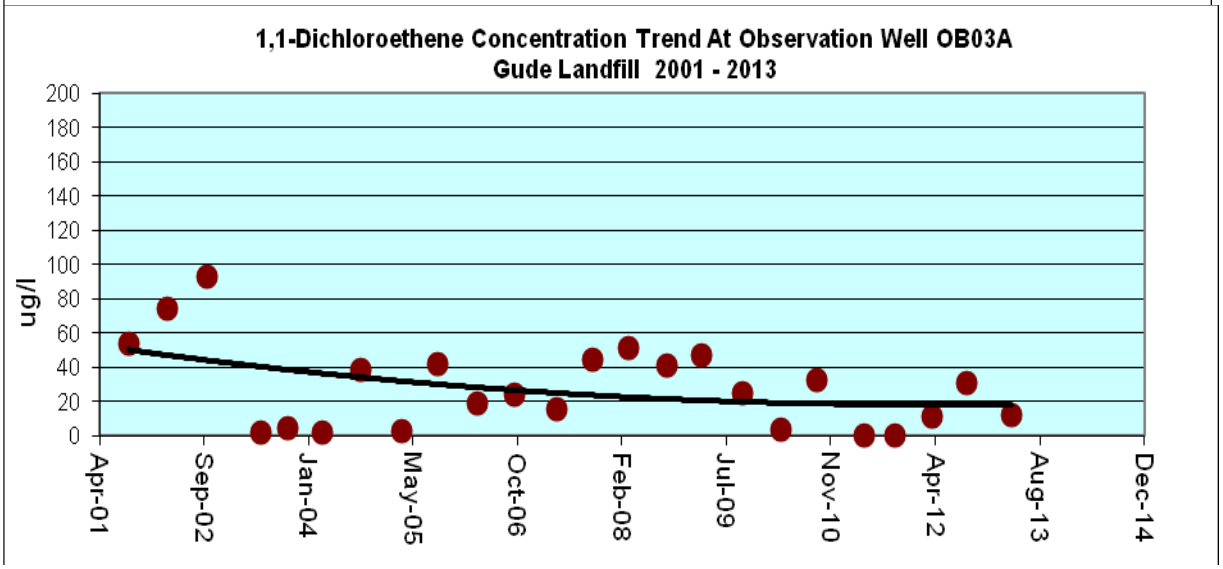

Benzene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2013
ug/l
0
2
4
6
8
10
12
14
16
18
20
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

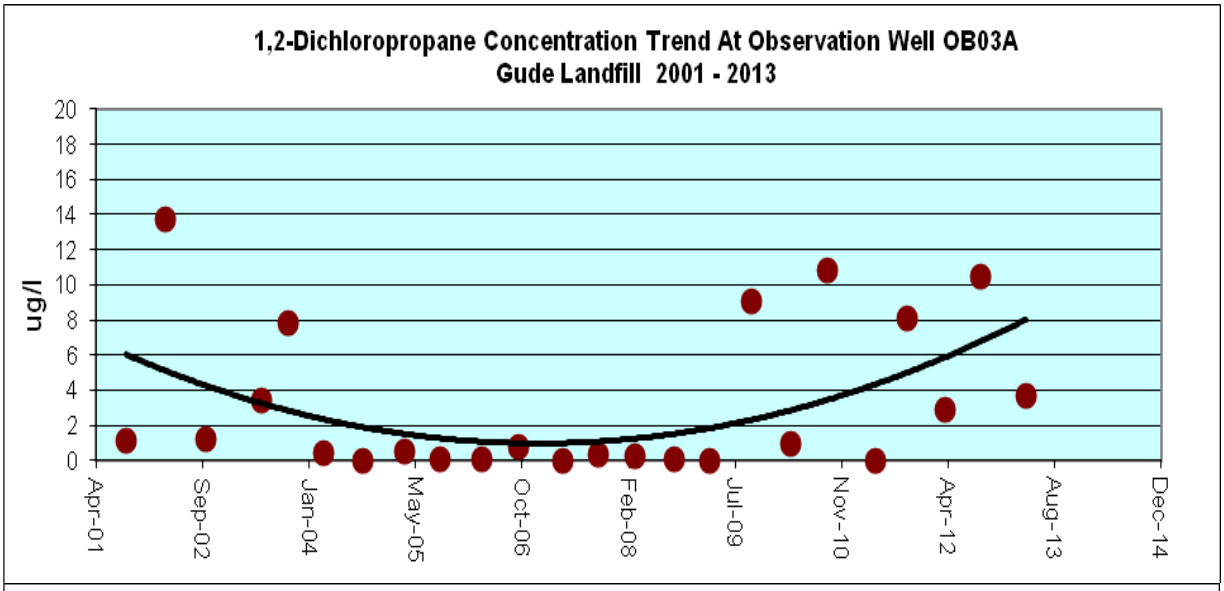

cis-1,2-Dichloroethene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2013
ug/l
0
50
100
150
200
250
300
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

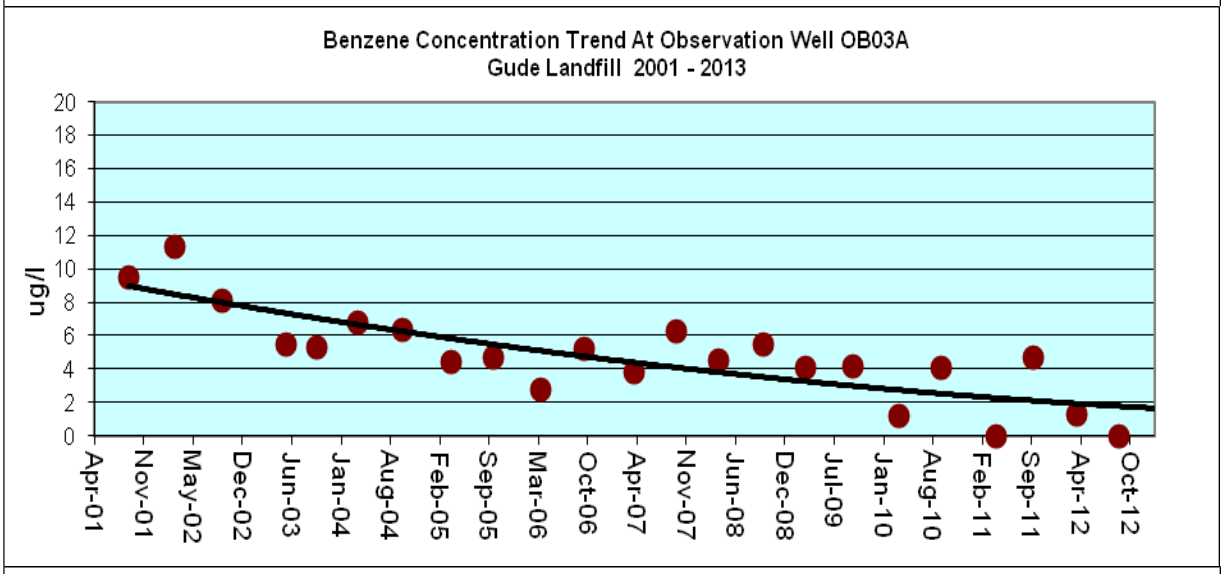

Tetrachloroethene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2012
ug/l
0
10
20
30
40
50
60
70
80
90
100
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

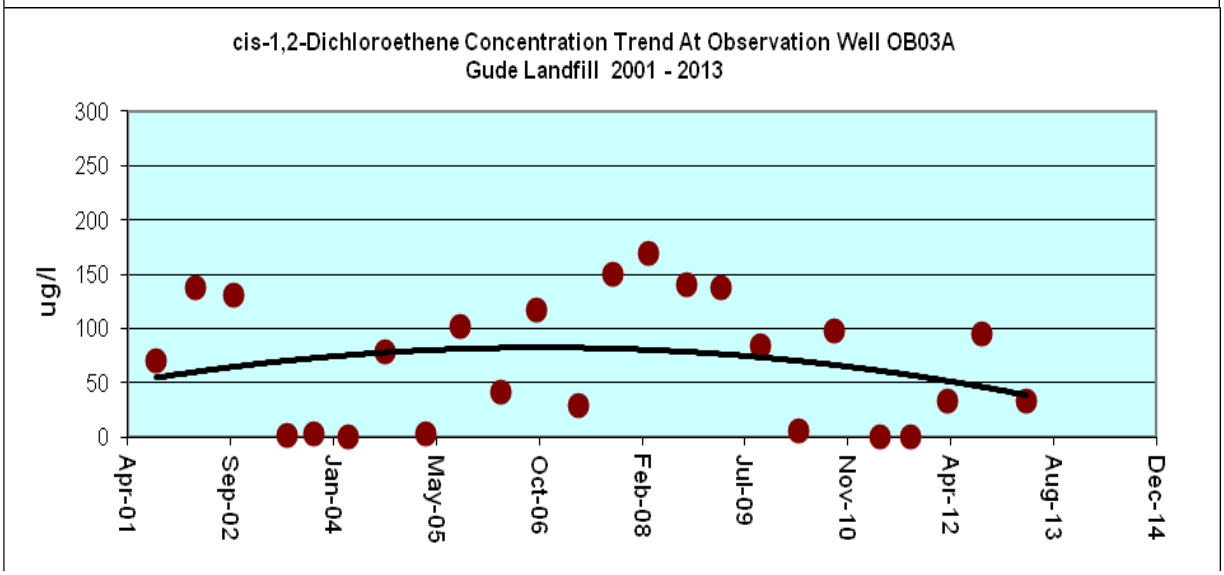

Trichloroethene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2013
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

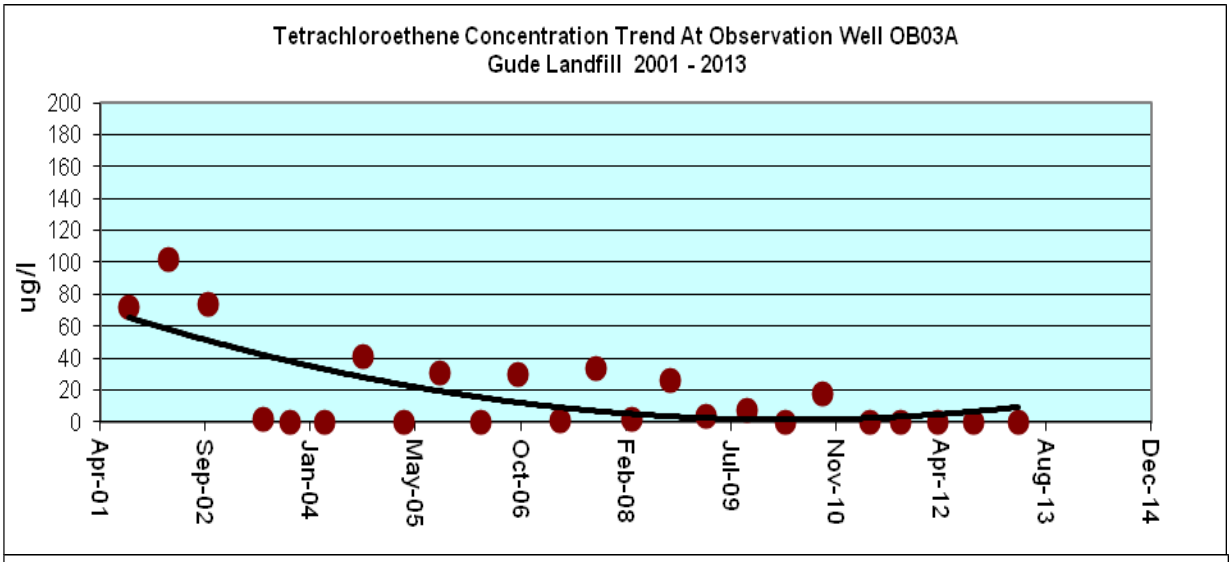

Vinyl Chloride Concentration Trend At Observation Well OB03
Gude Landfill 2004 - 2013
ug/l
50
45
40
35
30
25
20
15
10
5
0
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

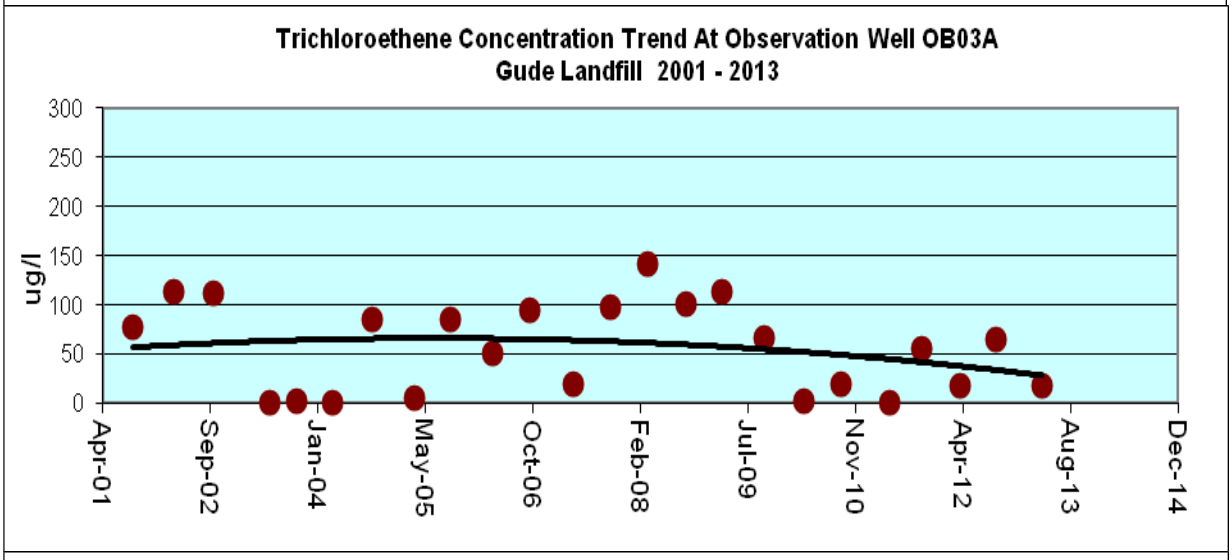

1,1-Dichloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2013
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

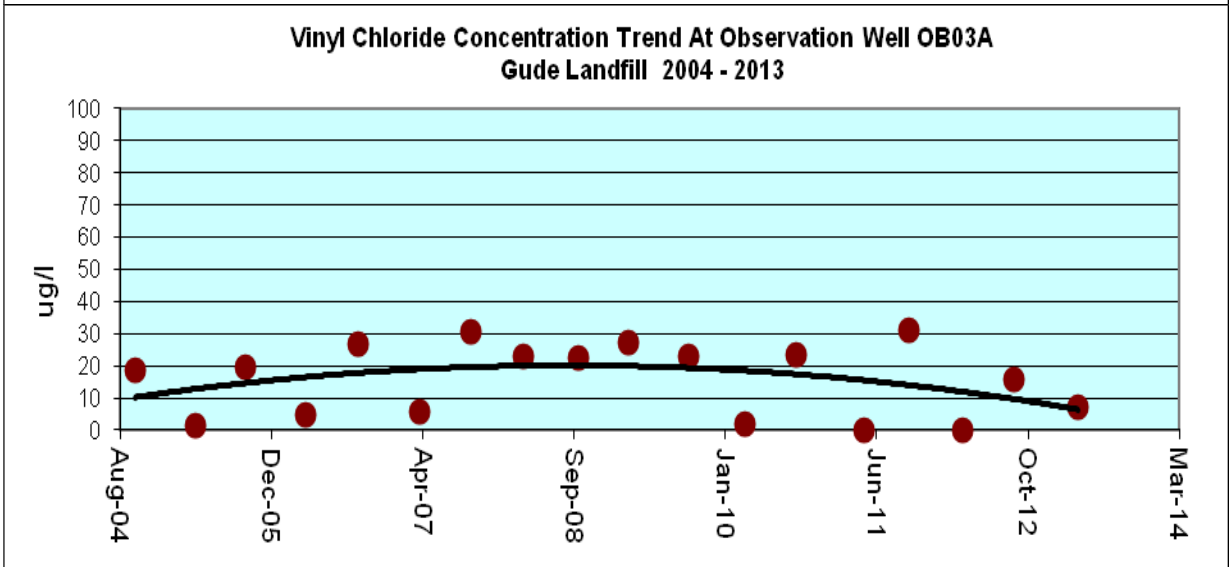

1,2-Dichloropropane Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2013
ug/l
0
2
4
6
8
10
12
14
16
18
20
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

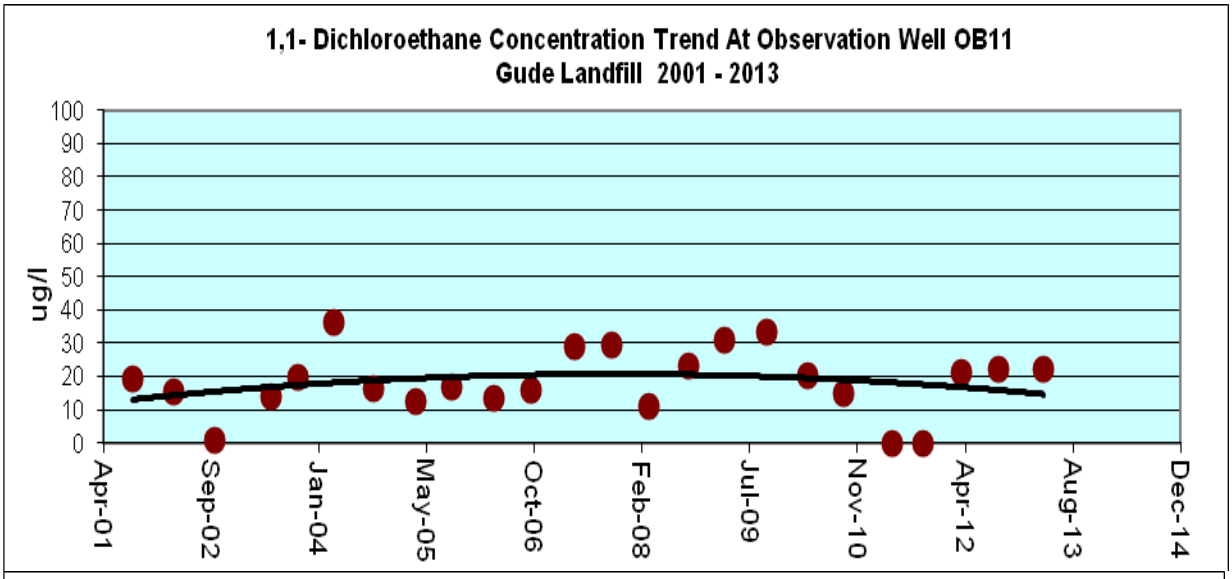

Benzene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2013
ug/l
0
2
4
6
8
10
12
14
16
18
20
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

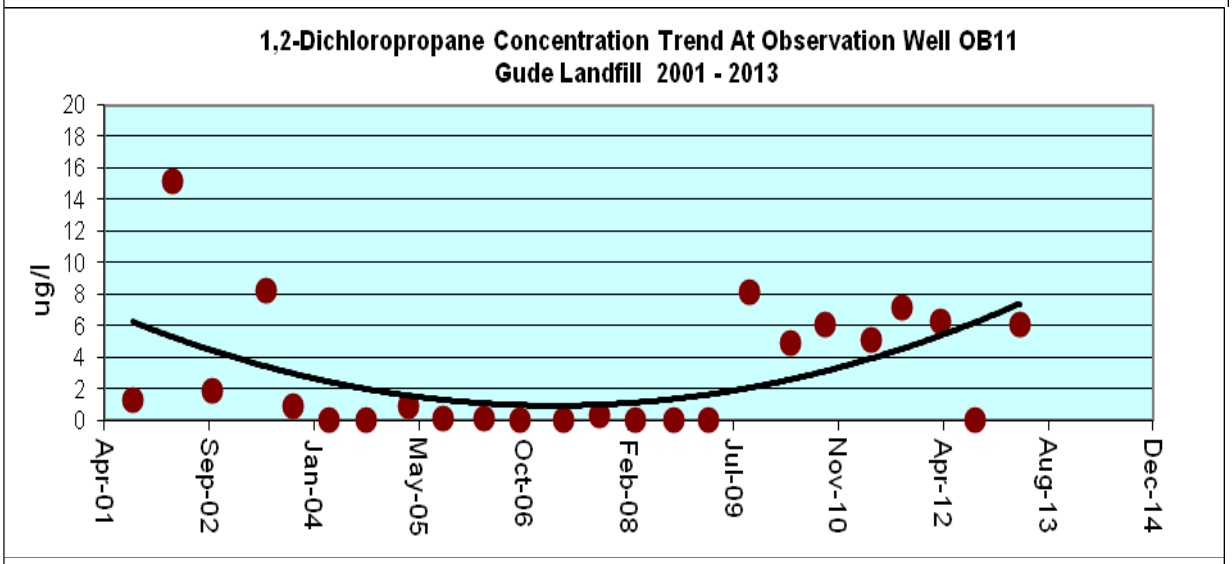

cis-1,2-Dichloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2013
ug/l
0
50
100
150
200
250
300
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

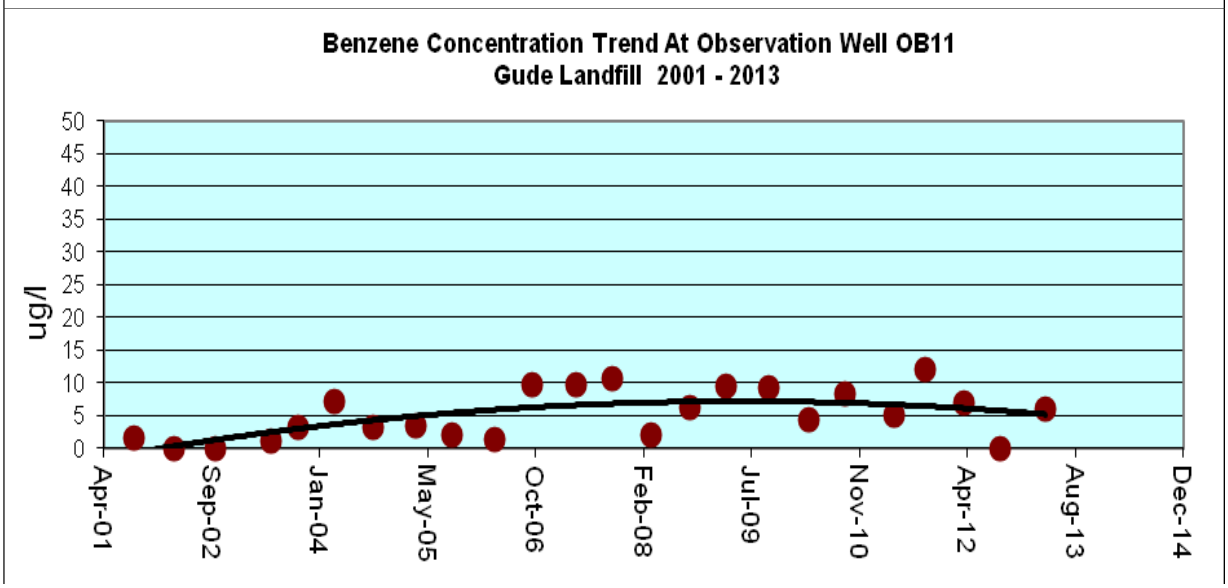

Tetrachloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2013
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

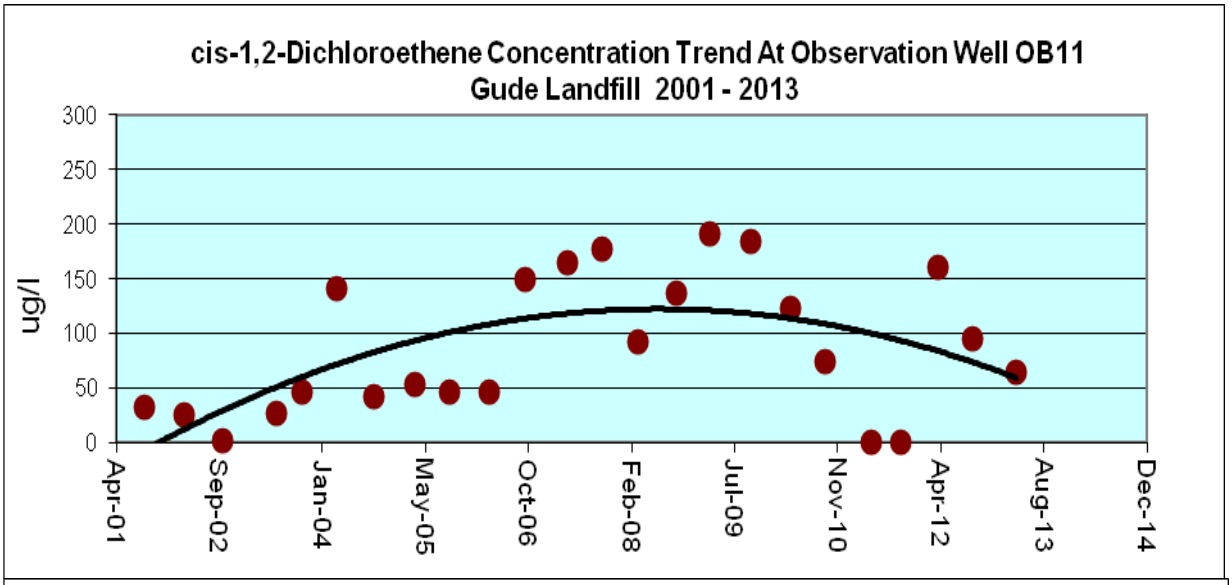

Trichloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2013
ug/l
300
250
200
150
100
50
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

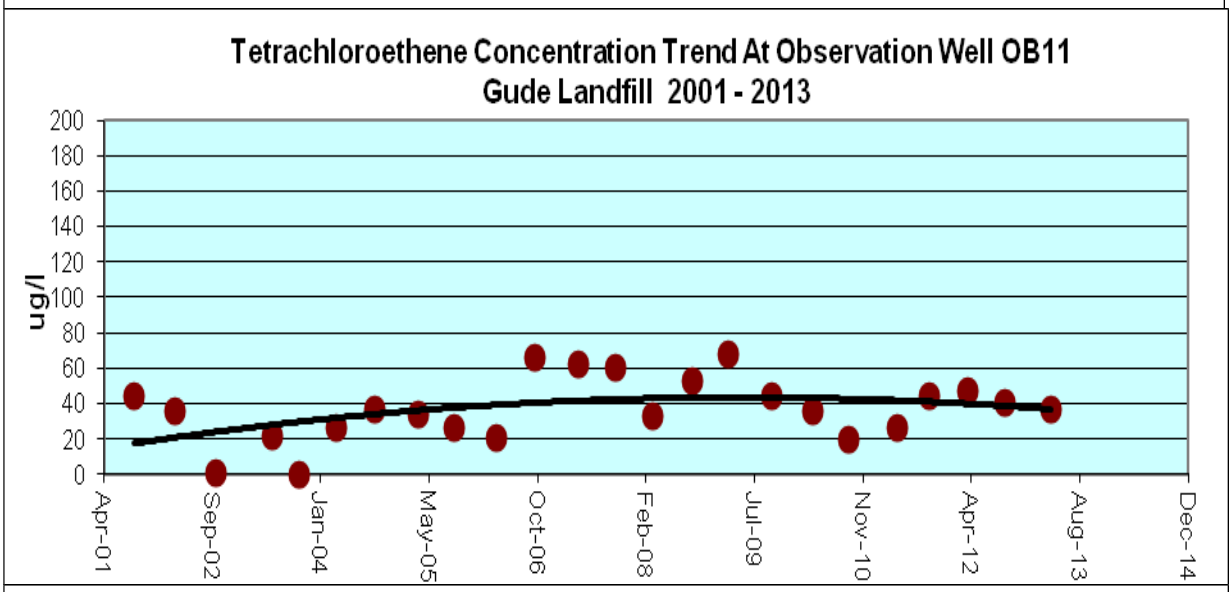

Vinyl Chloride Concentration Trend At Observation Well OB03A
Gude Landfill 2004 - 2013
ug/l
100
90
80
70
60
50
40
30
20
10
0
Aug-04
Dec-05
Apr-07
Sep-08
Jan-10
Jun-11
Oct-12
Mar-14

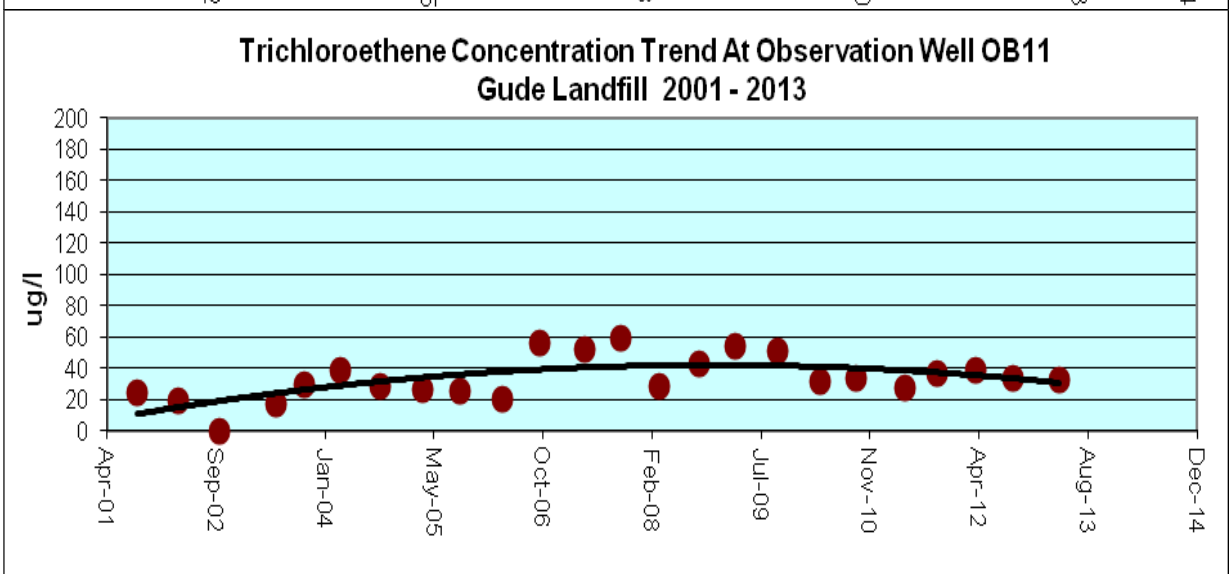

1,1- Dichloroethane Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2013
ug/l
100
90
80
70
60
50
40
30
20
10
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

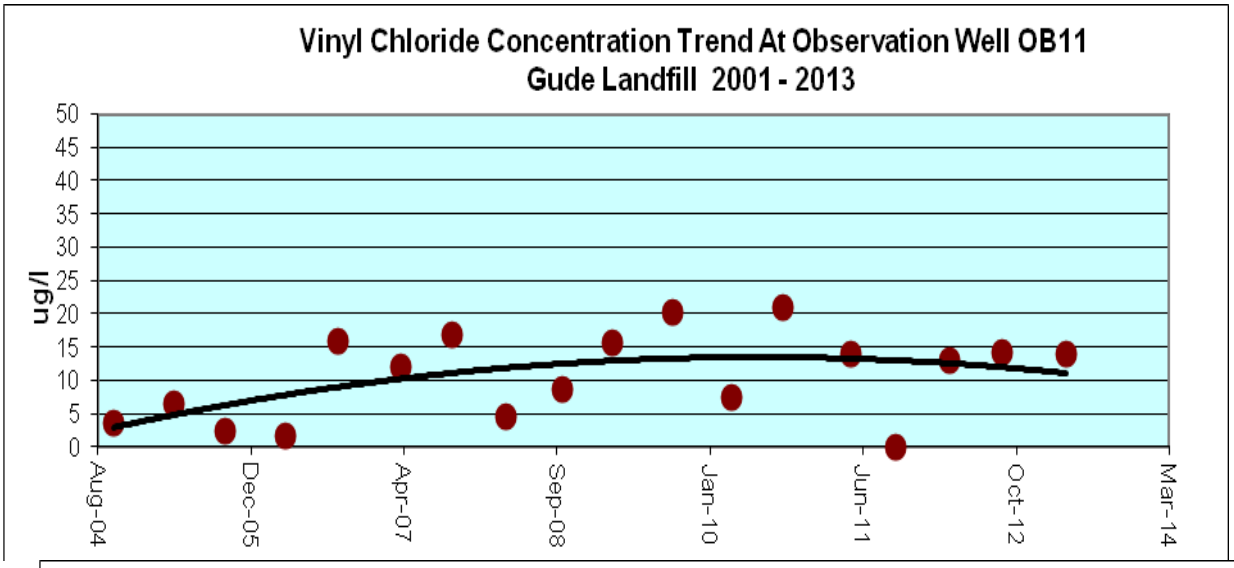

1,2-Dichloropropane Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2013
ug/l
20
18
16
14
12
10
8
6
4
2
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

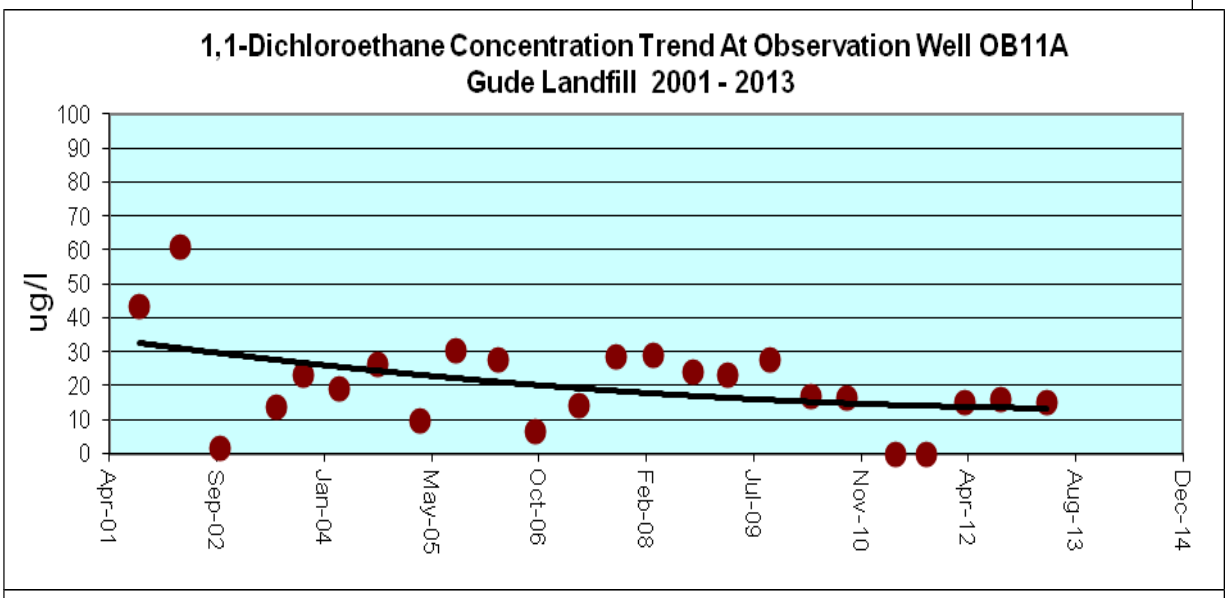

Benzene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2013
ug/l
50
45
40
35
30
25
20
15
10
5
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

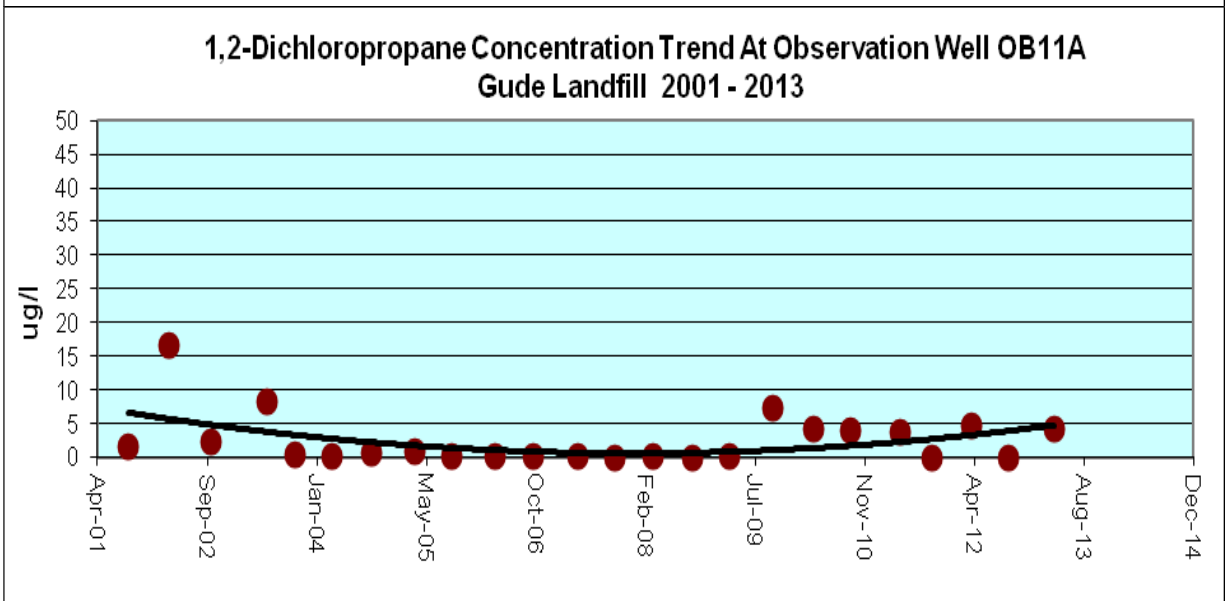

cis-1,2-Dichloroethene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2013
ug/l
300
250
200
150
100
50
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

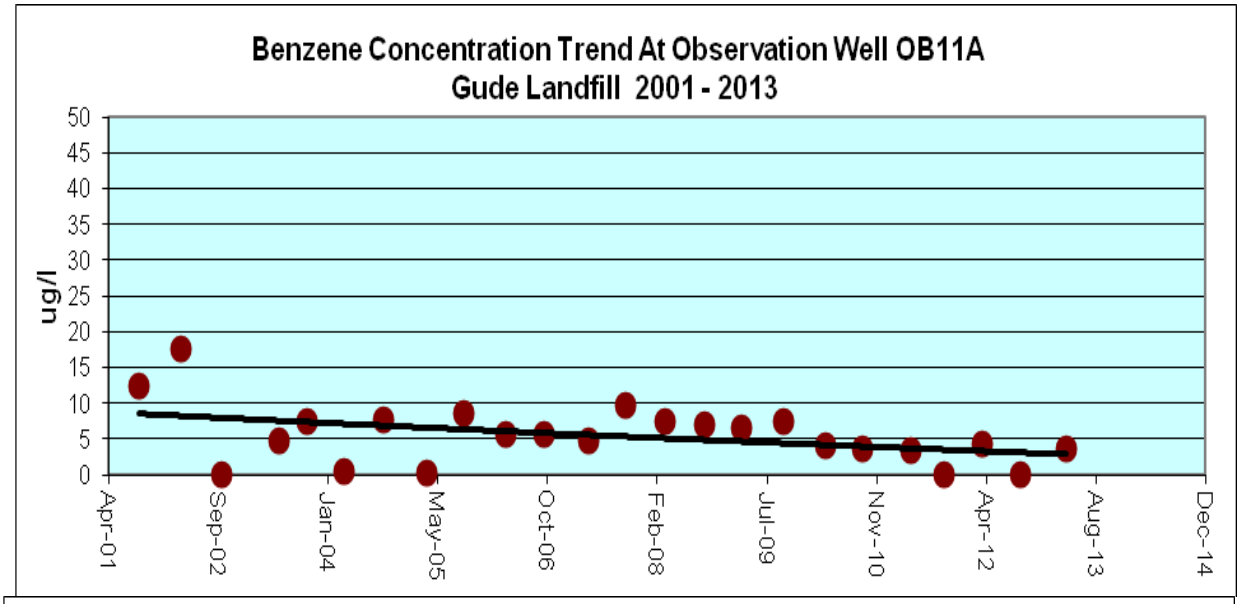

Tetrachloroethene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2013
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

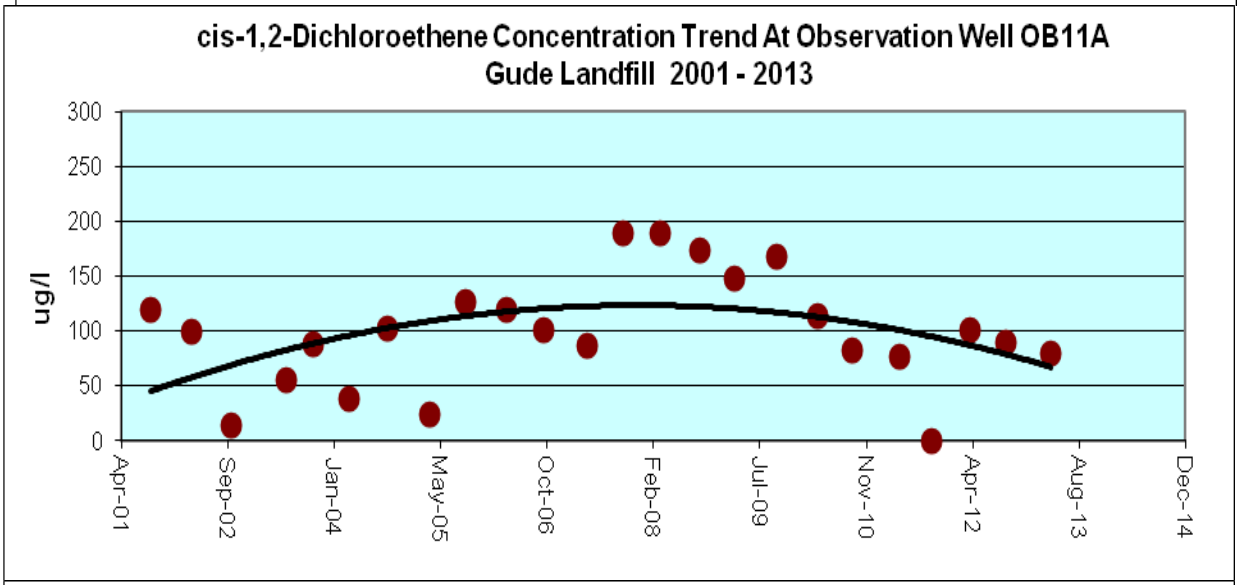

Trichloroethene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2013
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

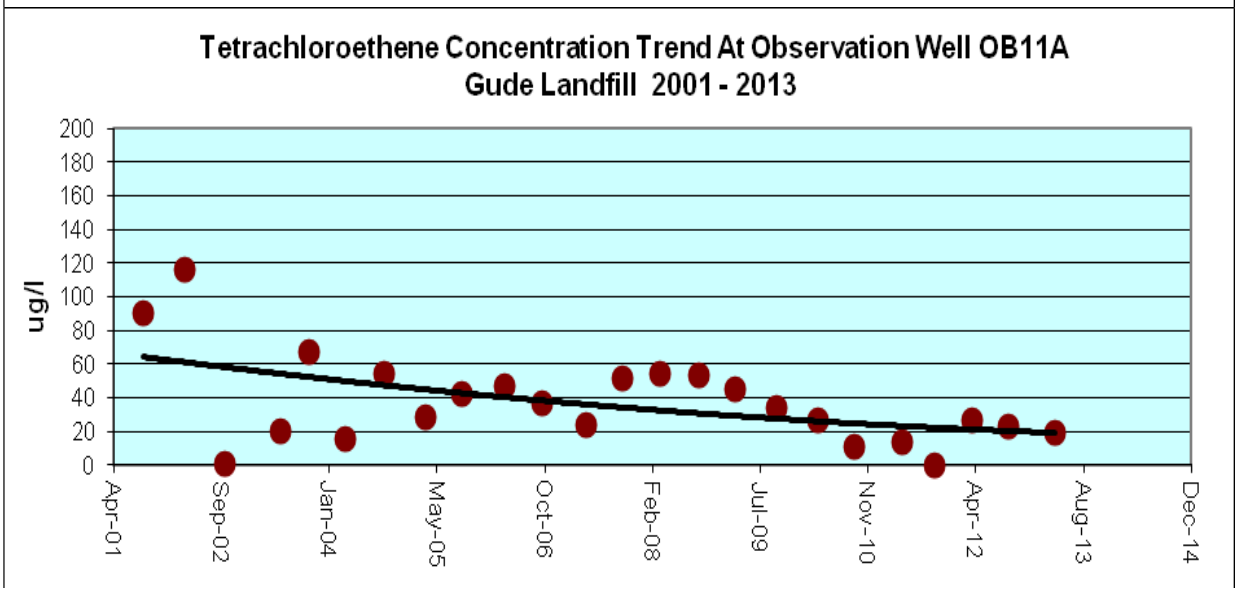

Vinyl Chloride Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2013
ug/l
50
45
40
35
30
25
20
15
10
5
0
Aug-04
Dec-05
Apr-07
Sep-08
Jan-10
Jun-11
Oct-12
Mar-14

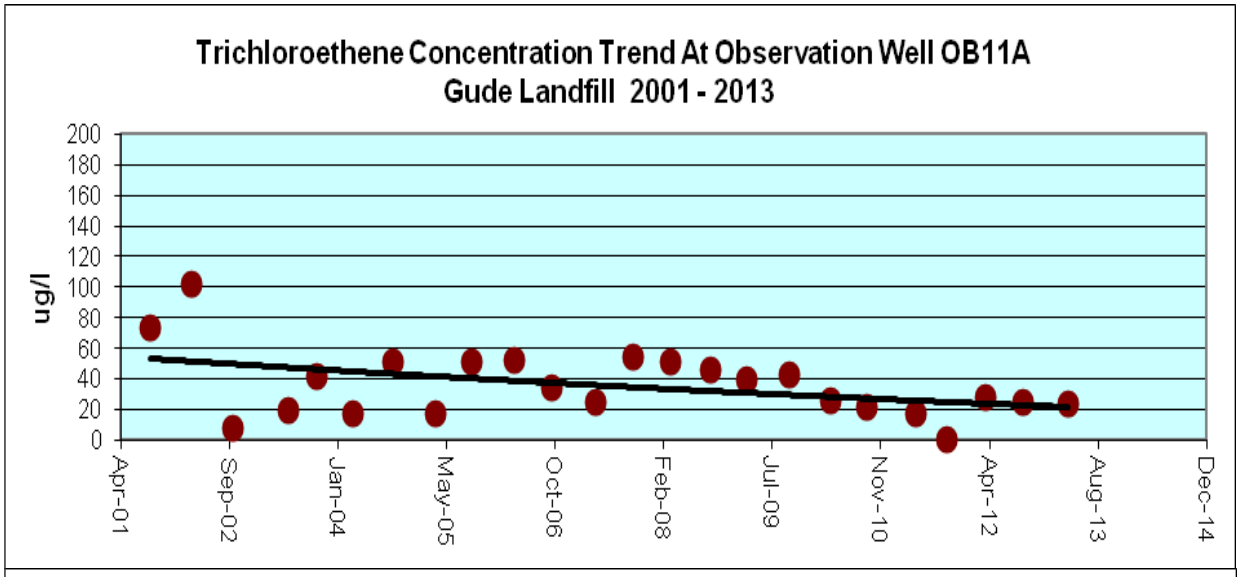

1,1-Dichloroethane Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2013
ug/l
100
90
80
70
60
50
40
30
20
10
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

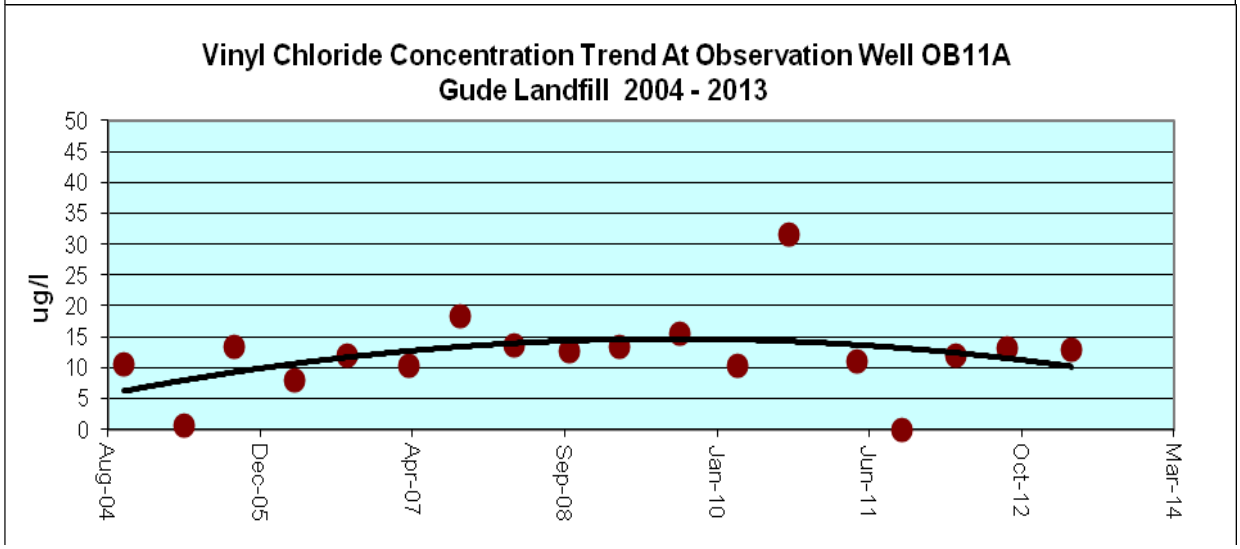

1,2-Dichloropropane Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2013
ug/l
50
45
40
35
30
25
20
15
10
5
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14


Benzene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2013
ug/l
50
45
40
35
30
25
20
15
10
5
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

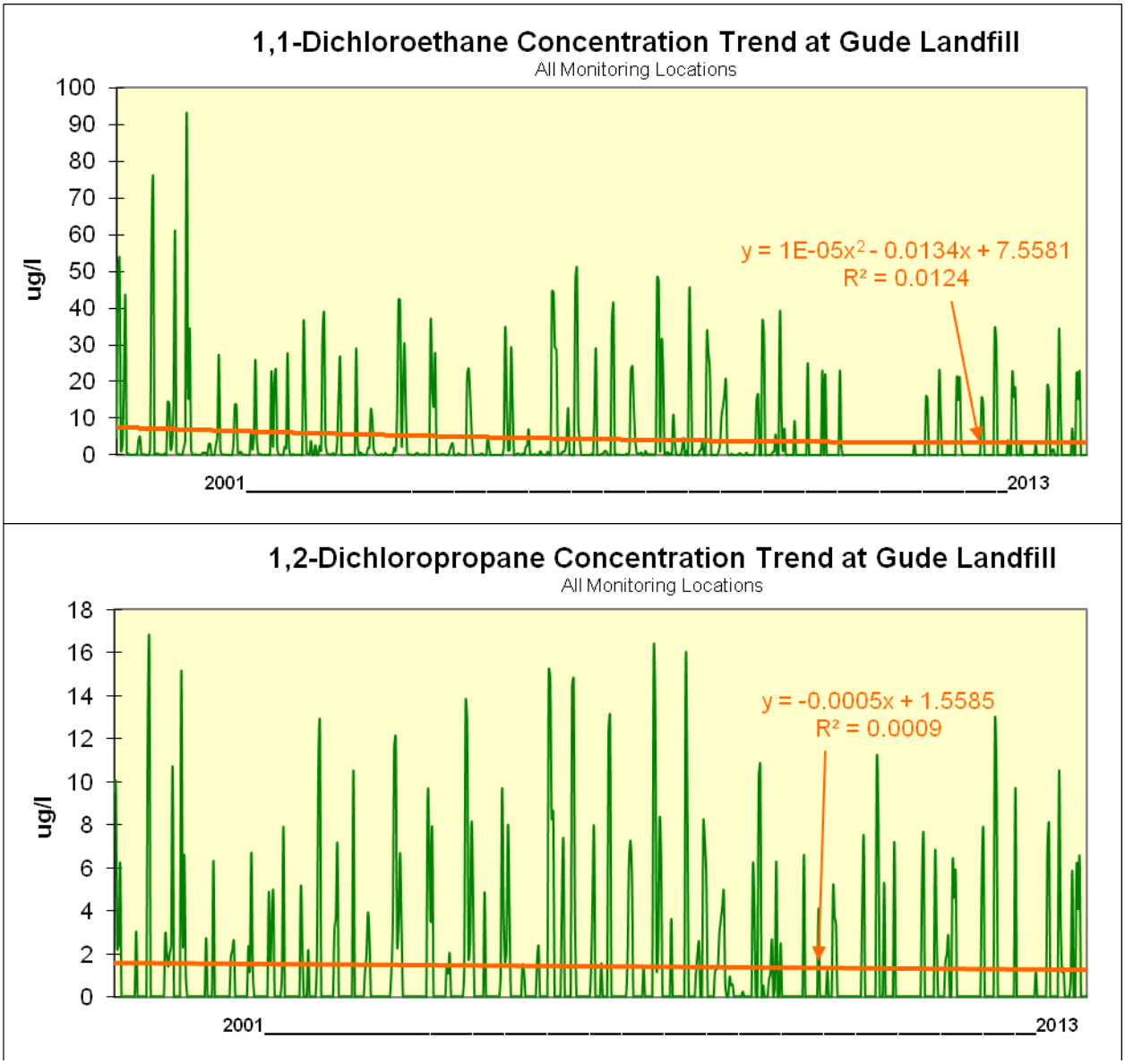

cis-1,2-Dichloroethene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2013
ug/l
300
250
200
150
100
50
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

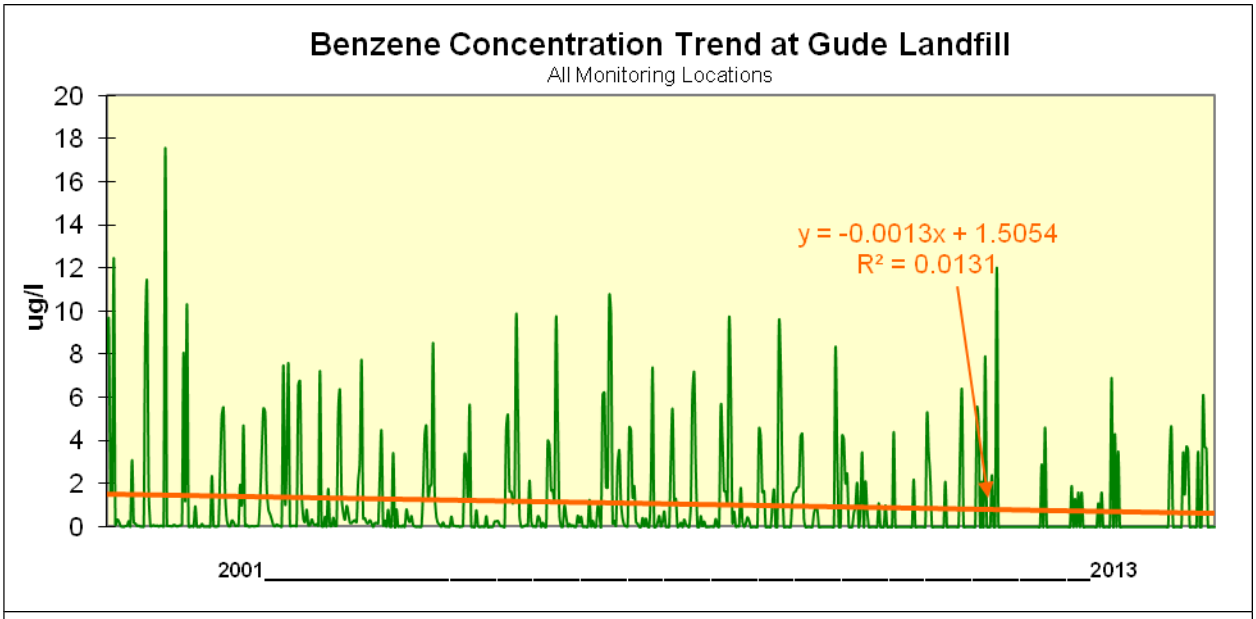

Tetrachloroethene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2013
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

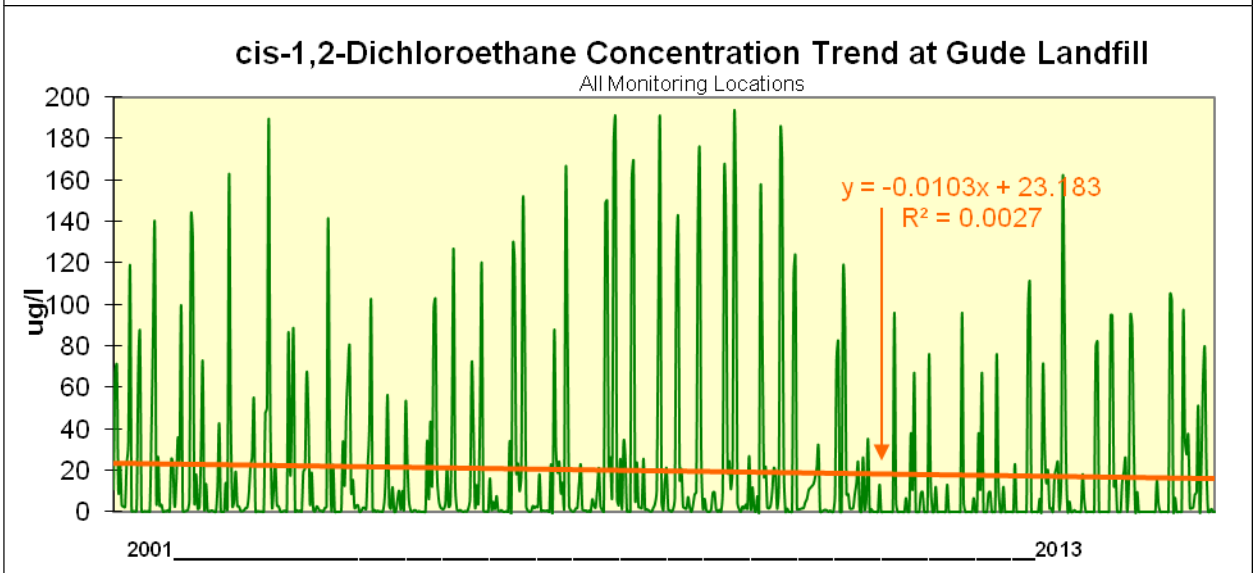

Trichloroethene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2013
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

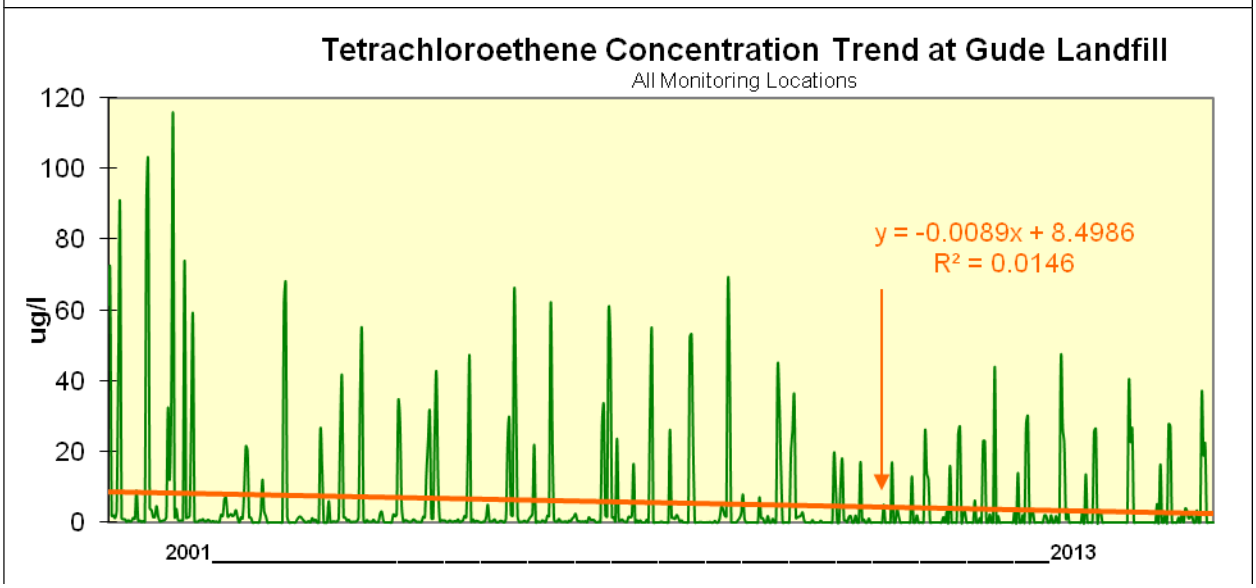

Vinyl Chloride Concentration Trend At Observation Well OB11A
Gude Landfill 2004 - 2013
ug/l
50
45
40
35
30
25
20
15
10
5
0
Aug-04
Dec-05
Apr-07
Sep-08
Jan-10
Jun-11
Oct-12
Mar-14

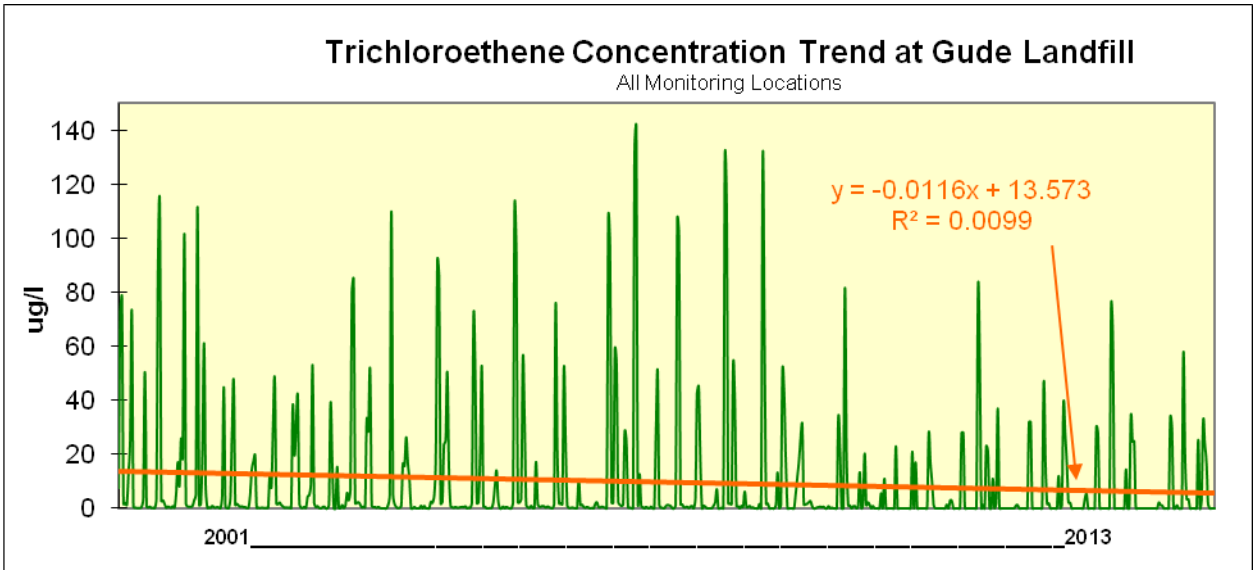
The following graphs provide Historical Trend Analysis for particular VOC compounds that are detected on regular basis at the Landfill. These trend analyses are for all the monitoring locations including those wells installed in 2010.
(Please refer to Tables 1 and 2 for additional information.)

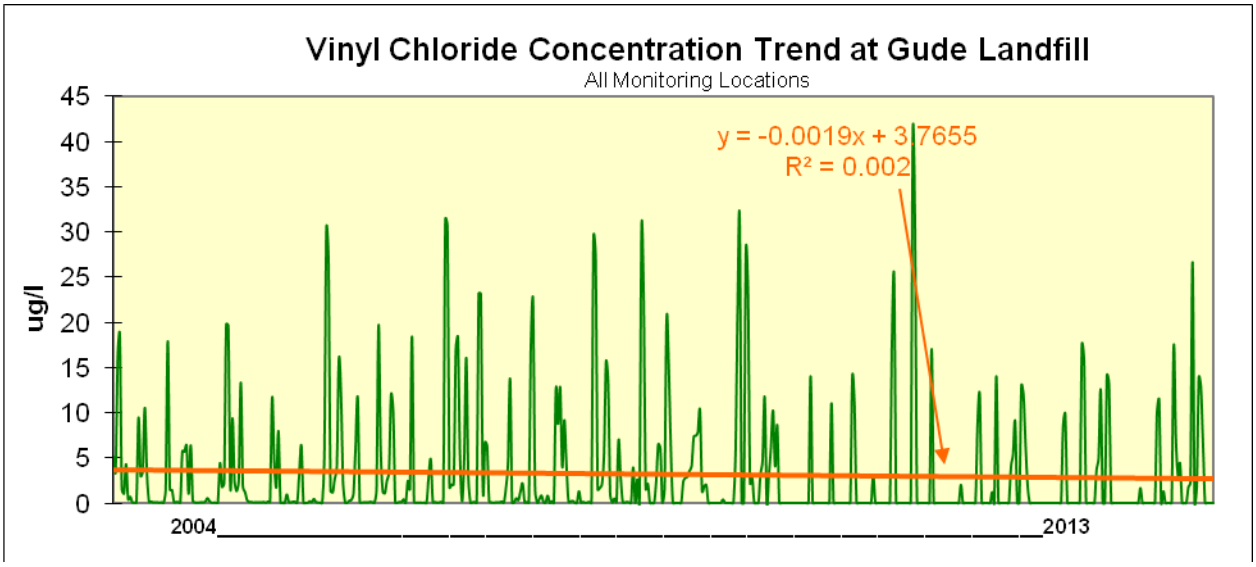



Benzene Concentration Trend at Gude Landfill
All Monitoring Locations
ug/l
20
18
16
14
12
10
8
6
4
2
0
y = -0.0013x + 1.5054
R² = 0.0131
2001
2013


cis-1,2-Dichloroethane Concentration Trend at Gude Landfill
All Monitoring Locations
ug/l
200
180
160
140
120
100
80
60
40
20
0
y = -0.0103x + 23.183
R² = 0.0027
2001
2013


Tetrachloroethene Concentration Trend at Gude Landfill
All Monitoring Locations
ug/l
120
100
80
60
40
20
0
y = -0.0089x + 8.4986
R² = 0.0146
2001
2013


Trichloroethene Concentration Trend at Gude Landfill
All Monitoring Locations
y = -0.0116x + 13.573
R² = 0.0099
ug/l
140
120
100
80
60
40
20
0
2001
2013


Vinyl Chloride Concentration Trend at Gude Landfill
All Monitoring Locations
y = -0.0019x + 3.7655
R² = 0.002
ug/l
45
40
35
30
25
20
15
10
5
0
2004
2013

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 - SPRING 2013 Results	Alkalinity	80	67	33	221	338	244	129	178	178	112	224	219	116	1110	770	221	298	119	33	268	68
	Ammonia	ND	ND	ND	2.7	6.67	0.733	0.285	ND	ND	ND	ND	ND	ND	14	13.1	ND	1.79	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	ND
	Arsenic	ND	ND	ND	ND	ND	0.009	**0.011**	ND	ND	ND	ND	ND	ND	**0.011**	0.009	ND	ND	ND	ND	ND	ND
	Barium	0.185	0.05	0.385	0.573	0.435	0.274	0.062	0.196	0.034	0.045	0.132	0.067	0.056	0.404	0.233	0.03	0.191	0.019	0.071	0.077	0.063
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.011**	ND	ND	ND	ND	ND
	Calcium	73.3	20.9	90.3	67.4	70.9	151	126	135	115	87.3	66.6	54.9	45	118	168	132	85.3	36.7	12.9	56.2	31.1
	Chloride	291	27.8	335	192	229	449	498	382	222	255	45.5	63.8	120	558	334	397	282	79	4.73	59.5	75.3
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.014	0.043	ND	ND	ND	ND	0.008	ND
	Cobalt	0.011	ND	ND	0.053	0.044	ND	ND	ND	ND	ND	0.008	0.019	0.007	0.085	0.054	ND	0.024	ND	ND	0.007	ND
	COD	ND	34.6	ND	17.8	52.1	31.3	28.8	43	11.2	17.3	ND	ND	ND	235	93.4	37.8	26.5	21	ND	21.6	ND
	Copper	0.015	0.011	0.011	0.011	0.011	0.048	0.036	0.016	0.014	0.012	ND	ND	0.011	0.071	0.091	0.015	0.014	0.01	0.01	0.019	0.006
	Iron	0.458	0.725	0.486	21.8	29.6	0.751	0.806	1.17	1.78	0.615	0.575	3.38	1.14	1.93	50.7	0.674	1.08	0.2	2.85	4.68	0.454
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.016**	ND	ND	ND	ND	ND	ND
	Magnesium	45	9.45	52.4	35.2	51.4	78.1	89.6	55.3	33.9	48.9	15.9	21.8	25.1	104	139	68.9	65.7	23.4	16	41.5	16
	Manganese	3.8	0.6	0.042	19.5	11.2	2.55	1.23	0.496	0.083	0.075	6.89	8.12	3.66	20.2	4.65	0.793	6.82	0.105	0.163	0.818	0.155
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	4E-04	7E-04	ND	ND	ND	ND	8E-04	0.001	ND	ND	ND	ND	ND
	Nickel	0.032	ND	0.012	0.017	0.014	0.02	0.026	0.013	ND	ND	0.011	0.01	0.011	0.113	0.099	0.035	0.02	0.008	0.014	0.013	0.009
	Nitrate	2.21	ND	0.623	ND	ND	ND	ND	0.554	0.9	1	ND	ND	ND	ND	ND	ND	ND	1.02	0.292	0.606	1.66
	Nitrate+Nitrite	2.22	ND	0.673	ND	ND	ND	ND	0.751	0.958	1.05	ND	ND	ND	ND	ND	ND	ND	1.07	0.302	0.656	1.67
	Nitrite	ND	ND	ND	ND	ND	ND	ND	0.197	0.058	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	5.87	7.16	5.7	5.93	6.29	6.22	5.85	6.03	6.74	6.05	6.54	6.39	6.2	6.86	6.61	5.81	6	5.81	5.78	7.16	6.46
	Potassium	4.55	3.33	5.24	9.31	16.6	8.21	5.96	6.2	4.66	3.12	2.48	2.85	3.44	47.4	33.3	5.45	7.39	3.33	2.04	9.22	2.11
	Selenium	ND	ND	ND	ND	ND	0.037	0.043	0.017	0.009	0.009	ND	ND	ND	0.041	0.028	0.007	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	ND
	Sodium	73.6	14.8	35.9	43.8	97.8	66.6	100	92.2	22.9	27.1	26.3	30.7	19.8	558	279	75.8	99.5	28.4	26.1	39	29.1
	Spec. Cond.	1223	252.9	1286	1138	1517	2022	1985	1247	1115	1157	603.6	649.1	654	3298	2960	1774	1552	545.7	329	394.5	526.3
	Sulfate	22.3	5.14	19.3	18.6	36	16.1	9	86.5	24.1	27.5	5.27	ND	ND	48.1	240	10.5	16.6	13.4	92.8	39.6	12.6
	TDS	980	152	796	572	796	1600	1596	1124	666	718	270	288	440	2146	1784	1018	830	236	184	454	222
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Hardness	346	86	426	348	400	730	604	582	434	420	232	230	234	686	924	576	466	178	94	316	124
	Turbidity	1.4	7.5	0	0	1.8	0	12.3	44.6	42.5	0	0	0	0	58.9	1721	0	0	0	46.8	51	NS
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.081	ND	ND	ND	ND	0.008	ND
	Zinc	0.012	ND	0.007	0.014	0.006	0.008	0.023	0.021	0.008	ND	0.006	0.006	0.006	0.021	0.263	0.044	0.021	0.005	0.136	0.02	0.021

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 - SPRING 2013 Results	Alkalinity	56	253	108	34	49	NS	41	17.2	118	55	216	68	175	33	59	29	67	7	34	224
	Ammonia	ND	ND	0.555	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.056	0.064	0.073	0.041	0.006	NS	0.007	0.049	0.064	0.038	0.259	0.064	0.12	0.072	0.088	0.111	0.035	0.473	0.213	0.075
	Beryllium	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	29.6	34.6	49.3	16.5	9.07	NS	10.7	7.11	44.4	39.6	76.3	48.9	67.5	12	17.2	12.5	18	44.5	25	83
	Chloride	335	171	145	107	3.24	NS	ND	2.6	2.76	141	258	118	172	12.9	6.76	4.99	5.35	246	88.2	91
	Chromium	ND	ND	0.025	ND	0.005	NS	ND	0.028	0.048	ND	0.005	ND	ND	0.027	0.008	0.032	0.015	ND	0.008	ND
	Cobalt	ND	ND	ND	ND	ND	NS	ND	0.009	0.009	ND	0.388	ND	ND	0.006	ND	0.012	ND	ND	0.011	ND
	COD	25.8	60.7	ND	ND	ND	NS	12.6	ND	ND	ND	ND	21.2	ND	ND	ND	ND	ND	ND	17.2	ND
	Copper	0.015	0.017	0.007	0.006	0.016	NS	ND	0.033	0.031	0.013	0.013	0.017	0.013	0.02	0.025	0.032	0.016	0.016	0.027	0.01
	Iron	0.639	0.39	0.77	0.759	1.34	NS	ND	17	8.89	0.97	3.47	0.391	0.498	6.41	5.5	18.4	3.34	1.27	10.3	0.537
	Lead	ND	ND	ND	ND	ND	NS	ND	0.009	0.009	ND	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND
	Magnesium	14.8	28.3	18.9	8.71	5.42	NS	2.58	6.68	7.41	22.6	54.9	27.6	33.9	8.44	8.42	9.74	9.26	21.1	18.2	28.1
	Manganese	0.091	0.029	0.276	0.115	0.044	NS	0.034	0.24	0.33	0.175	48	1.3	0.034	0.273	0.098	0.326	0.063	0.084	0.333	0.033
	Mercury	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3E-04	2E-04
	Nickel	0.008	0.009	0.008	ND	0.005	NS	ND	0.022	0.043	0.011	0.046	0.007	ND	0.022	0.01	0.03	0.014	0.01	0.014	ND
	Nitrate	1.2	ND	2.071	1.52	ND	NS	ND	ND	ND	0.465	ND	**15.01**	4.75	1.45	ND	1.87	2.64	4.49	1.88	2.27
	Nitrate+Nitrite	1.25	ND	2.35	1.57	ND	NS	ND	ND	ND	0.515	ND	**15.1**	4.8	1.46	ND	1.88	2.65	4.5	1.89	2.32
	Nitrite	ND	ND	0.279	ND	ND	NS	ND	ND	ND	ND	ND	0.088	ND	ND	ND	ND	ND	ND	ND	ND
	pH	7.35	6.42	6.52	7.11	6.21	NS	5.61	5.99	8.03	6.11	6.17	5.79	6.57	5.42	5.95	5.78	6.51	5.19	5.32	6.2
	Potassium	3.01	17	14.3	2.69	1.53	NS	1.83	3.99	4.18	3.47	3.77	4.23	13.6	3.45	2.29	3.64	1.84	4.06	4.75	4.71
	Selenium	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	0.008	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	181	136	70.3	64.6	12.8	NS	4.66	4.1	36	30.9	65.3	24.1	95.7	7.95	12.4	8.24	13.5	76.9	16.5	19.9
	Spec. Cond.	1297	1037	739	466.6	113.1	NS	94.8	43.7	161.1	620.9	1352	693.4	1157	120.2	164.9	111.2	190.4	976.6	406.3	781
	Sulfate	7.85	26.3	29.7	8.53	ND	NS	ND	ND	52.6	4.26	48	5.66	95.1	ND	8.41	6.22	ND	15	ND	7.33
	TDS	660	562	380	246	136	NS	4	16	158	310	644	420	642	196	162	176	232	600	174	474
	Thallium	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Hardness	130	196	180	66	36	NS	34	34	132	186	472	238	302	46	60	46	64	196	132	314
	Turbidity	5	NS	155	1000+	47.7	NS	0.57	982	11.3	59.7	270	0.8	8.7	446	203	766	51.5	84.3	1082	0
	Vanadium	ND	ND	ND	ND	ND	NS	ND	0.022	0.011	ND	ND	ND	ND	0.008	0.014	0.033	0.011	ND	0.02	ND
	Zinc	0.007	0.005	0.014	0.006	0.012	NS	0.007	0.06	0.043	0.009	0.052	0.01	0.007	0.036	0.027	0.069	0.013	0.024	0.033	ND

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB01	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	104	95	103	93	112	100	73	80
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.1456	0.036	0.1325	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	64.9	67.6	68.2	76.2	73.8	81.24	69.1	73.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	196	204	241	262	291	322	284	291
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0069	ND	0.007	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
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	5.1	6.9	ND	5.4	ND	ND
	Copper	0.0114	0.0105	0.0149	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	330	320	350	364	390	420	342	346
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	0.469	0.837	0.515	1.6	0.386	0.458
	Lead	ND	ND	ND	0.0025	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	0.0054	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	36	40.3	38.9	45.3	46.3	48.58	38.6	45
	Manganese	0.845	0.1334	0.8516	ND	1.231	NT	NT	NT	NT	NT	2.77	3.17	3.95	5.07	7.98	6.33	3.74	3.8
	Mercury	ND	ND	ND	ND	ND	0.0004	ND	ND	NT	ND	ND	ND	ND	ND	ND	0.00036	ND	ND
	Nickel	0.0125	0.0035	0.0151	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.67	1.94	1.907	1.79	1.34	1.56	2.13	2.21
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.82	5.08			5.51	5.62	5.14	5.87
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.52	3.64	3.36	3.81	3.78	4.57	3.85	4.55
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	47.4	54.5	51.8	58.2	66.3	77.79	57.2	73.6
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	855.9	920.7			980.9	1218	1060	1223
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	26.4	24.9	26.6	26.8	28.8	26.1	24.2	22.3
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	776	912	1176	856	1116	876	856	980
	Thallium	ND	ND	0.0013	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.186	0.18	0.98	1.96	NT	NT	NS	1.4
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	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

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB02	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	67	57	72	70	72	68	68	67
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.1684	0.1443	0.1971	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	60.6	73.9	39.1	72.2	28.2	28.37	103	20.9
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	212	264	90	47.3	51.1	49.9	404	27.8
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0034	ND	0.0055	ND	0.0049	0.0065	ND	ND	ND	ND	0.0057	0.0071	ND	0.0587	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	34.6
	Copper	0.0154	0.0176	0.0267	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	350	376	169	130	125	116	500	86
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.66	2.59	0.818	25.2	0.768	1.18	0.586	0.725
	Lead	ND	ND	0.0049	0.0022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	32.2	43.3	17.7	59.3	12.1	11.97	59	9.45
	Manganese	1.252	0.2375	1.3188	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
	Mercury	ND	0.1694	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0046	0.004	0.0074	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	0.575	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.27	5.35			6.71	6.94	6.6	7.16
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.91	7.07	4.43	13.7	3.99	3.76	5.69	3.33
	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	NT	NT	NT	22.6	30.6	17.8	111	11	15.64	34.5	14.8
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	665	910.3			318.1	302.2	261.2	252.9
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.5	14.9	7.38	4.24	5.87	4.51	20.2	5.14
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	780	1008	388	336	1264	252	1124	152
	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	NT	NT	NT	10.3	6.4	2.6	33.3	NT	NT	NS	7.5
	Vanadium	ND	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	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

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB02A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	38	36	40	35	36	36	33	33
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0033	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.1403	0.1033	0.1198	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	77.5	76.4	87.1	82.9	96.3	94	24.7	90.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	280	286	310	302	350	334	36	335
	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Copper	0.0154	0.0159	0.0114	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	390	353	420	391	463	414	112	426
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.414	0.6	0.682	ND	0.58	0.396	0.793	0.486
	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	NT	NT	NT	46.4	44.4	52.3	53.4	59.1	53.1	10.6	52.4
	Manganese	0.0366	0.0313	0.0303	0.0128	NT	NT	NT	NT	NT	NT	0.0381	0.0382	0.0449	0.0513	0.0465	0.0449	0.718	0.0418
	Mercury	ND	**0.0482**	ND	0.0013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0049	0.0059	0.0064	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.5894	0.582	0.589	0.543	0.576	0.582	ND	0.623
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.75	4.77			5.09	5.41	5.25	5.7
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.73	4.1	4.69	5.2	5.78	4.82	3.56	5.24
	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	NT	NT	NT	31.2	32.5	35	31.6	34.9	37.5	10.9	35.9
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	636.7	925.5			1263	1120	1386	1286
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	22.4	16.2	25.4	17.8	21.5	18.4	4.91	19.3
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1088	1072	1192	288	68	824	176	796
	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	NT	NT	NT	3.83	1.16	0.891	0.416	NT	NT	NS	0
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	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

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB03	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	265	321	242	267	216	187	241	221
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.39	6.46	2.9	4.97	2.56	3.48	2.43	2.7
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0085	**0.0232**	0.0079	0.0066	0.0023	0.0023	0.0046	0.004	ND	ND	0.0024	ND	ND	ND	ND	ND	ND	ND
	Barium	1.896	1.69	0.1124	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	0.0039	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	59.9	80.3	62.3	69	65.3	74.4	64.3	67.4
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	134	193	155	220	163	222	169	192
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0614	0.0711	0.0029	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
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.6	34.9	10.1	28.8	16.8	24.3	18	17.8
	Copper	0.0132	0.0145	0.0153	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	690	700	400	3600	410	400	360	348
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	28.8	34.6	25	23.6	22.19	23.68	21.7	21.8
	Lead	ND	0.003	0.0027	0.0031	**0.02**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	33.2	52.8	35.6	47.1	41.1	42.7	37	35.2
	Manganese	19.31	20.5775	19.79	20.7743	16.74	NT	NT	NT	NT	NT	18.5	18.8	21.3	18.5	19	19.6	18.8	19.5
	Mercury	ND	**0.005**	**0.0024**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00025	ND	ND
	Nickel	0.0109	0.0047	0.0172	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.19	4.74			5.97	5.78	5.15	5.93
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.2	10.9	6.94	10.1	7	7.95	6.77	9.31
	Selenium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	0.00545	ND	ND
	Silver	0.0048	0.0046	ND	ND	ND	ND	ND	ND	ND	0.0154	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	35.9	92.8	41.6	74.2	44.2	58.9	35.7	43.8
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	902	1405			814.1	1140	960.6	1138
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.84	31.4	16.7	41.4	22	28.5	13.1	18.6
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	564	984	676	784	804	888	604	572
	Thallium	0.0012	0.0012	ND	ND	ND	ND	ND	0.0015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	11	24.4	22.9	2.81	NT	NT	NS	0
	Vanadium	0.0059	0.0078	0.0027	ND	0.0219	ND	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	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

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB03A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	317	461	270	340	226	266	268	338
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.47	8.93	4.35	7.91	5.09	6.15	4.51	6.67
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0027	0.0036	0.0034	0.0021	0.0033	0.0046	0.008	0.0032	**0.0106**	ND	0.0036	ND	ND	ND	ND	ND	ND	ND
	Barium	0.6416	0.4988	0.57	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	0.0031	0.0022	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	69.4	91.6	66	24.8	68.5	76	62.3	70.9
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	194	164	176	239	193	245	185	229
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0612	0.082	0.0654	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
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	19.1	38.5	12.1	35	22.5	31.1	19.5	52.1
	Copper	ND	ND	0.0141	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	700	670	360	580	375	420	350	400
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	39.4	49.3	31	2.71	29.71	29.85	26.5	29.6
	Lead	ND	ND	ND	0.0026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	17.89	2.9275	17.88	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
	Manganese	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.3	6.35	16.4	0.982	14.2	13.7	15.4	11.2
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0163	0.0121	0.0178	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.76	4.98			6.03	6.04	5.2	6.29
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.4	19.2	9.18	4.68	9.64	13.1	9.64	16.6
	Selenium	ND	0.0029	ND	ND	ND	0.003	ND	ND	ND	ND	0.0024	ND	ND	ND	ND	0.00586	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	NT	NT	NT	70.3	132	58.5	14.4	70.5	91	52.2	97.8
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1023	1661			975.1	1379	1082	1517
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	33.5	75.4	26.9	58.4	31.5	41.8	21.2	36
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	780	1112	704	980	888	952	632	796
	Thallium	0.0013	ND	0.0012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	39.4	271	13.3	13.6	NT	NT	NS	1.8
	Vanadium	0.0018	0.0021	0.0022	0.0011	0	0.0003	0.0113	0.0021	0.0036	0.0005	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	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

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB04	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	221	242	255	238	242	261	248	244
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.328	0.542	0.514	0.695	0.673	0.667	0.771	0.733
	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	0.0034	ND	0.0055	ND	ND	0.00907	0.00857	0.00926
	Barium	0.1513	0.0797	0.043	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	154	160	159	154	157	173	157	151
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	412	193	424	433	416	473	448	449
	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	NT	NT	NT	26.3	25.2	29.8	30.7	29.2	34.1	26.7	31.3
	Copper	0.0121	0.0157	0.0254	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	670	610	680	717	705	714	712	730
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.343	1.13	1.2	ND	0.92	0.804	0.824	0.751
	Lead	ND	ND	ND	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	75.1	83.7	81	88.1	89.1	88.9	76.6	78.1
	Manganese	0.6462	0.0306	0.7021	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
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0112	0.0064	0.0146	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.71	5.3			5.88	5.65	5.67	6.22
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.32	6.52	6.45	7.29	7.18	7.03	7.72	8.21
	Selenium	0.0056	0.0024	0.0032	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
	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	NT	NT	NT	71	77.6	73.8	74.4	74.3	73.3	63.2	66.6
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1673	1758			1503	1817	1828	2022
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	18.8	21.1	28.4	19.6	22.3	19.5	18.3	16.1
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1348	1772	1760	1428	1736	1632	1432	1600
	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	NT	NT	NT	1.07	0.24	0.632	0.421	NT	NT	NS	0
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	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

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Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB04A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	125	142	135	133	127	129	123	129
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.301	0.366	0.281	0.379	0.316	0.218	0.299	0.285
	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	0.0036	ND	0.0061	0.0053	ND	**0.0105**	**0.0107**	**0.0105**
	Barium	0.0443	0.0447	0.1167	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	109	116	113	117	118	124	118	126
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	438	311	468	473	460	531	501	498
	Chromium	ND	ND	ND	ND	0.0022	ND	0.0026	ND	ND	ND	0.0021	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	NT	NT	NT	31.3	26.4	29.5	39.3	27.5	33	33.3	28.8
	Copper	0.0348	0.0339	0.0218	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	570	550	600	592	602	622	598	604
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.998	1.57	1.24	0.636	0.712	1.12	0.615	0.806
	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	NT	NT	NT	71.9	86.1	80.3	94.8	85.5	88.8	81	89.6
	Manganese	0.6915	0.6969	0.3169	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
	Mercury	ND	**0.0799**	ND	ND	ND	ND	ND	0.0004	ND	ND	0.0003	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0141	0.0149	0.0103	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.82	4.84			5.43	5.57	5.29	5.85
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.93	5.25	4.92	5.92	4.99	5.73	5.42	5.96
	Selenium	0.007	0.0027	0.0032	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
	Silver	ND	ND	ND	ND	ND	ND	ND	0.0026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	89.1	101	91.9	100	91.1	95	89	100
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1943	1678			1438	1752	1785	1985
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.1	12.9	12.8	11.5	11	11.1	11.5	9
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1200	1764	1672	1356	1636	1508	1476	1596
	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	NT	NT	NT	10.3	16.8	16.3	5.83	NT	NT	NS	12.3
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	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

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Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB06	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	150	170	220	145	156	175	161	178
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	0.389	ND	ND	ND	ND
	Antimony	ND	ND	0.0033	ND	ND	0.0034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	0.003	0.0027	ND	0.0027	ND	ND	0.0032	ND	0.0067	ND	ND	ND	ND	ND
	Barium	0.1979	0.2335	0.1901	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	148	147	126	145	137.5	142	148	135
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	356	222	360	356	350	383	374	382
	Chromium	ND	ND	ND	ND	0.0104	ND	0.0768	ND	ND	0.0127	0.0021	0.021	**0.127**	0.0199	ND	0.0133	0.00631	ND
	Cobalt	0.0043	0.0039	0.005	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
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	68	55.1	31.5	38.9	32.9	44	38.1	43
	Copper	0.0125	0.0138	0.0204	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	580	560	550	553	552	582	566	582
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.7	29.2	111	15.5	1.05	12.2	5.07	1.17
	Lead	ND	ND	0.0028	ND	0.0048	ND	**0.0491**	ND	ND	ND	ND	0.0126	**0.0503**	**0.0474**	ND	0.0081	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	56.6	64.4	78.8	63	55.9	61.3	61.1	55.3
	Manganese	0.3857	0.3813	0.4155	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
	Mercury	ND	ND	ND	ND	ND	ND	0.0005	0.0003	ND	ND	ND	**0.00286**	0.00149	**0.00852**	0.00087	0.00054	0.00041	ND
	Nickel	0.0118	0.0106	0.0126	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.6869	0.6679	0.87	0.758	0.786	0.708	0.674	0.554
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.62	5.69			5.51	5.76	5.42	6.03
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.82	6.71	28.8	6.2	4.72	7.39	5.52	6.2
	Selenium	0.0061	0.006	0.0049	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
	Silver	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	0.0088	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	83.3	92	70.4	80.3	81	94.3	88.7	92.2
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1564	1571			1289	1600	1618	1247
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	82.9	85.1	81.7	85.7	93.7	76.8	89.6	86.5
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1116	1388	1784	1192	960	1156	1224	1124
	Thallium	ND	ND	ND	ND	ND	ND	**0.0031**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	21.7	533	3329	3800	NT	NT	NS	44.6
	Vanadium	ND	ND	ND	ND	0.0069	ND	0.0724	ND	ND	ND	ND	0.0204	0.133	0.0213	ND	0.0148	ND	ND
	Zinc	NT	NT	NT	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

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB07	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	163	161	184	175	169	176	172	178
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	0.0815	0.0658	0.0831	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	99.5	105	102	114	112.5	108	113	115
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	150	48.8	171	193	194	199	202	222
	Chromium	ND	ND	ND	ND	ND	ND	0.0034	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	NT	NT	NT	ND	13.6	ND	14	5.2	11.7	ND	11.2
	Copper	0.0108	ND	0.0129	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	331	350	360	407	409	412	410	434
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.262	1.07	2.14	1.08	0.659	0.957	0.837	1.78
	Lead	ND	ND	ND	ND	ND	ND	0.0031	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	26.1	29.7	28.5	35.2	34.8	33.6	33.3	33.9
	Manganese	0.0043	0.0038	0.0232	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
	Mercury	ND	ND	ND	ND	0.0003	ND	ND	ND	ND	ND	ND	ND	0.00028	0.00049	0.00031	0.00029	0.00053	0.00038
	Nickel	ND	ND	ND	0.0022	ND	0.0024	0.0056	0.0022	ND	ND	0.0047	0.0057	ND	ND	ND	ND	ND	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.5482	0.5966	0.658	0.861	0.819	0.8232	0.8309	0.8996
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.04	5.95			6.34	6.55	6.17	6.74
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.07	3.23	3.13	3.24	3.42	3.4	3.54	4.66
	Selenium	ND	ND	ND	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
	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	NT	NT	NT	21.4	23.3	21.9	21.3	20.8	24.5	19.5	22.9
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	760	828.1			806.2	937.2	973.5	1115
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.4	15.2	19.2	20.4	21	20.2	23	24.1
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	644	764	1068	800	984	708	828	666
	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	NT	NT	NT	0.283	14.3	40.7	0.939	NT	NT	NS	42.5
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	0.0075	0.023	ND	ND	ND	ND	ND	0.0126	0.0112	ND	0.00576	0.00575	0.00624	0.00752

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB07A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	124	92	115	112	115	122	119	112
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	0.0248	0.0529	0.027	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	91.8	55.8	72	86.5	90	82.9	94.3	87.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	235	74.5	205	216	246	244	265	255
	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	0.0025	0.0027	ND	ND	ND	0.0059	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	17.8	6.1	9.7	16.5	10	16.9	15	17.3
	Copper	0.0153	0.0138	0.0129	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	420	205	350	390	424	408	436	420
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.239	ND	0.5	0.819	0.538	0.458	0.576	0.615
	Lead	ND	ND	ND	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	51.2	21.7	41.6	49.3	52.5	48.3	50.2	48.9
	Manganese	0.0437	0.0237	0.2041	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
	Mercury	0.0003	0.0003	0.0005	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
	Nickel	0.0024	0.0025	0.0037	0.0044	0.0023	0.0039	0.0059	0.0043	0.0041	ND	0.006	0.0099	ND	ND	ND	ND	0.00528	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.8907	ND	0.9	0.902	0.891	0.97	0.97	1
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.51	5.94			5.6	5.86	5.81	6.05
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.66	7.32	2.56	2.3	2.44	2.45	2.8	3.12
	Selenium	0.0022	ND	ND	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
	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	NT	NT	NT	30.2	23.8	26.1	25.6	26.3	28.6	24.8	27.1
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	706.7	565.4			860.9	994.7	1082	1157
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	22.4	3.38	21.6	22.6	28	24.3	24.6	27.5
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	784	492	1176	796	872	748	856	718
	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	NT	NT	NT	0.317	6.85	1.55	0.579	NT	NT	NS	0
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	0.0065	0.0086	ND	ND	ND	ND	0.0136	0.0079	0.00516	ND	ND	0.0057	ND

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Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB08	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	229	245	248	230	230	239	223	224
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	0.0137	0.0102	0.0159	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	63.5	71.1	65.9	62.7	67.1	70.8	68.2	66.6
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	34.7	31.2	32.8	34.2	46.1	42.8	47.4	45.5
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	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
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	4.9	ND	ND	ND	9.9	ND	ND
	Copper	0.0126	0.0107	0.0172	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	228	250	300	265	144	236	234	232
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.301	0.675	0.647	0.718	0.797	0.74	0.774	0.575
	Lead	ND	ND	0.0021	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	5.08	5.08	5.08	12.9	16.6	14.9	17	16.8	17.7	17	15.9
	Manganese	0.0976	0.0716	0.4195	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
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	ND	ND	0.0028	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.04	5.41			5.85	6.22	6.04	6.54
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.81	2.87	2.63	2.91	2.86	2.85	2.95	2.48
	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	NT	NT	NT	27.2	31.6	28	28.7	27.4	28	25.4	26.3
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	523.1	528.2			476.3	559.9	566.8	603.6
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.54	4.91	4.83	ND	ND	4.76	4.11	5.27
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	284	340	384	280	344	348	352	270
	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	NT	NT	NT	0.266	0.77	0.485	0.735	NT	NT	NS	0
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	0.0057	0.0039	0.0048	ND	ND	ND	ND	ND	ND	0.00765	0.00658	0.00607	0.00624	0.00571

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Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB08A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	228	233	226	220	218	221	216	219
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.299	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	0.0026	0.003	0.0022	ND	ND	ND	0.0023	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0059	0.0057	0.0101	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	59.4	52.6	52.9	58.1	54.4	53.3	54.7	54.9
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	67.4	39.9	58.2	45.4	63.3	55.5	65.4	63.8
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	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
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	39.2	5.3	10.2	ND	8.6	ND	ND
	Copper	0.0102	0.0127	0.0104	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	570	330	300	370	190	252	240	230
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.85	3.33	3.35	3.69	3.05	3.44	3.93	3.38
	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	NT	NT	NT	23.2	19.2	19.3	20.3	22	21.8	21.8	21.8
	Manganese	0.0206	0.0218	0.1302	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
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	ND	ND	0.0021	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.65	5.49			5.96	6.07	5.87	6.39
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.82	2.73	2.52	2.77	2.8	2.79	2.99	2.85
	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	NT	NT	NT	37	34.7	31.7	30.8	31.8	32.9	30.7	30.7
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	579.9	541.9			502.5	579.1	600.1	649.1
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.85	3.04	5.74	ND	ND	ND	ND	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	352	336	384	340	1240	364	364	288
	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	NT	NT	NT	1.69	3.8	0.528	1.36	NT	NT	NS	0
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	0.0083	0.0051	0.0045	ND	ND	ND	ND	ND	ND	0.0078	0.00676	0.0101	0.00749	0.00596

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB10	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	110	83	134	116	122	119	133	116
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0425	0.0375	0.0379	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	38.6	37.7	43.4	39.8	45.8	48.1	50.1	45
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	82.4	53.3	83.6	89	94.1	100	121	120
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0035	0.0026	0.0029	ND	0.0035	ND	0.0041	0.0022	ND	ND	0.0029	ND	0.0059	ND	ND	0.00519	0.00809	0.00674
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	7.5	10.3	ND	ND	7.5	ND	ND
	Copper	0.0132	ND	ND	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	160	161	230	230	226	210	244	234
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.598	1.9	1.28	0.783	1.12	0.975	1.63	1.14
	Lead	ND	ND	ND	ND	0.0021	ND	0.0031	ND	ND	ND	ND	0.0085	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	19.4	18.1	24	24.9	27.8	25.8	28.1	25.1
	Manganese	2.248	1.9194	2.04	ND	2.376	NT	NT	NT	NT	NT	2.63	1.31	3.47	2.68	3.03	3.15	4.31	3.66
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0074	0.0048	0.0051	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	0.008	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.3	5.98			5.8	6.05	5.49	6.2
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.81	2.94	2.65	3.28	3	3.02	3.32	3.44
	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	NT	NT	NT	19	20.3	20.3	18.4	19.6	18.2	18.3	19.8
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	413.6	423.9			446.8	544.8	623.9	654
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.7	ND	ND	ND	ND	ND	ND	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	368	364	552	456	492	480	396	440
	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	NT	NT	NT	2.09	21.1	1.16	0.443	NT	NT	NS	0
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	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

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Table 4
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Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB102	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1140	960	1100	1008	1000	1056	1060	1110
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	11.2	12.4	8.98	11.1	11.1	11.6	12	14
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	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**
	Barium	0.2291	0.3498	0.3393	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
	Beryllium	ND	ND	ND	ND	ND	ND	**0.008**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	0.0021	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	116	113	114	124	119.7	115	120	118
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	560	128	577	578	564	602	588	558
	Chromium	ND	0.0024	0.0043	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
	Cobalt	0.1029	0.0991	0.1041	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
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	262	250	252	235	237	227	242	235
	Copper	0.0248	0.0384	0.211	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	810	158	900	775	701	640	700	686
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.95	9.66	3.55	1.69	0.798	0.945	1.01	1.93
	Lead	0.0026	ND	0.0046	0.0022	ND	ND	**0.0806**	ND	0.0055	ND	0.0043	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	94.8	98.7	94.3	102	98.4	97.4	97.4	104
	Manganese	17.25	25.835	24.56	ND	NT	NT	NT	NT	NT	NT	22.2	20.7	21.8	23.5	20.9	21.2	21.7	20.2
	Mercury	ND	ND	ND	ND	ND	ND	0.0006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0362	0.09	0.0767	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.26	5.95			6.42	6.64	6.29	6.86
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	37.2	41.7	37.8	39.8	40.4	39.9	41.4	47.4
	Selenium	0.0071	0.0092	0.0093	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
	Silver	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	613	549	500	561	550	532	586	558
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3522	3493			3010	3558	3612	3298
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	71.9	71.5	57.4	74.3	74.4	55.4	55.2	48.1
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2120	2172	2252	2308	2244	2268	2236	2146
	Thallium	ND	ND	ND	ND	ND	ND	**0.0087**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	191	202	71.4	23.7	NT	NT	NS	58.9
	Vanadium	ND	ND	0.0047	ND	ND	0.003	0.1443	ND	0.0105	ND	0.0104	0.0124	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	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

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB105	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	810	1710	600	728	494	51	522	770
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.4	61.8	5.02	25.1	4.4	16.3	3.48	13.1
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	0.007	0.0023	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
	Barium	0.1224	0.512	0.2067	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0026	ND	ND	ND	ND	**0.0112**	ND	ND
	Cadmium	ND	ND	ND	**0.0079**	**0.0125**	NT	NT	NT	NT	NT	0.0047	ND	ND	ND	ND	**0.0109**	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	156	124	165	92.2	170	160	167	168
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	328	265	334	219	309	356	337	334
	Chromium	0.0026	0.0051	0.0027	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
	Cobalt	0.0045	0.0146	0.007	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
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	173	258	207	92.4	83.4	140	61.5	93.4
	Copper	0.013	0.0156	0.0654	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	900	870	950	576	866	960	908	924
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	85.3	31.2	110	17.1	19.96	253	26.7	50.7
	Lead	ND	ND	0.0033	0.0033	ND	ND	0.0033	0.0021	ND	ND	**0.0268**	ND	**0.0332**	ND	0.015	**0.0726**	**0.0155**	**0.0164**
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	129	152	132	96.5	132	168	116	139
	Manganese	1.112	2.1005	2.237	ND	1.481	NT	NT	NT	NT	NT	3.58	1.97	3.76	1.68	2.66	6.03	3.07	4.65
	Mercury	ND	**0.0108**	ND	ND	ND	ND	0.0004	ND	ND	ND	**0.0038**	ND	**0.003**	0.00026	0.00101	**0.00645**	**0.00173**	0.00084
	Nickel	0.0088	0.0145	0.0141	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	0.99	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.81	6.33			6.18	6.55	5.75	6.61
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	35.7	136	19.3	61.3	15	58.6	12.9	33.3
	Selenium	0.0036	0.007	0.0044	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
	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	NT	NT	NT	286	468	174	202	183.57	226	167	279
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3384	3886			1963	3025	2414	2960
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	346	105	309	139	314	312	289	240
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1736	2400	1876	1320	1872	1776	1628	1784
	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	NT	NT	NT	1215	338	3430	240	NT	NT	NS	1721
	Vanadium	0.0032	0.006	0.0037	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
	Zinc	NT	NT	NT	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

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Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB11	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	201	165	200	211	215	217	219	221
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	0.0055	ND	ND	ND	0.0021	ND	0.0024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0803	0.1537	0.0559	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	**0.0081**	0.0036	0.0023	**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**
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	126	108	133	134	132.3	132	133	132
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	330	393	358	259	371	407	398	397
	Chromium	0.0023	ND	ND	ND	0.0027	ND	0.0037	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0027	0.0452	ND	ND	ND	ND	0.0036	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	27.5	28.2	29	32.5	22.4	32.8	24	37.8
	Copper	0.0135	0.0164	0.0112	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	550	510	600	563	581	596	592	576
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.454	0.84	1.22	1.27	0.738	0.726	0.656	0.674
	Lead	0.0074	0.0028	0.0026	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	60.1	59.1	67.9	66.6	66.6	67.4	64.4	68.9
	Manganese	0.7036	5.365	0.6313	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
	Mercury	0.0005	0.0004	0.0008	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
	Nickel	0.0167	0.0382	0.0176	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.69	5.03			5.35	5.41	5.31	5.81
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.56	8.25	4.9	4.82	4.7	5.13	5.19	5.45
	Selenium	ND	0.0034	ND	ND	ND	0.0036	0.0043	0.0029	ND	ND	0.0049	ND	0.0078	0.0061	0.00568	ND	0.011	0.00674
	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	NT	NT	NT	56.7	59.9	68.8	67.9	68.5	68	68	75.8
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1339	1340			1302	1559	1601	1774
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.96	8.47	9.53	9.48	10.2	11.2	10.3	10.5
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1208	1152	1416	1116	1036	1404	1212	1018
	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	Nt	Nt	Nt	1.16	3.65	5.75	0.733	NT	NT	NS	0
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	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

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Table 4
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Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB11A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	270	282	280	292	285	279	288	298
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.222	0.817	1.7	2.11	1.59	1.11	1.25	1.79
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0087	ND	0.0027	ND	ND	ND	0.0072	0.0031	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.2284	0.0603	0.1653	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0102**	ND	ND	ND	ND
	Cadmium	**0.01**	**0.0076**	**0.0051**	0.005	ND	NT	NT	NT	NT	NT	0.0025	**0.0101**	ND	**0.0059**	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	99	92.5	89.8	84.7	93.5	93.4	91.4	85.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	310	262	290	211	297	300	312	282
	Chromium	0.0025	ND	ND	ND	ND	ND	0.0024	ND	ND	0.0102	ND	ND	ND	0.0321	ND	ND	ND	ND
	Cobalt	0.0614	0.0022	0.0437	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
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	30.8	32.3	30	33.7	21.6	30.4	17.8	26.5
	Copper	0.0245	0.016	0.0232	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	540	500	660	524	598	500	508	466
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.61	4.65	1.33	48.4	1.01	1.05	1.07	1.08
	Lead	**0.0179**	0.0026	0.003	0.0031	ND	ND	0.0079	ND	ND	ND	ND	0.0059	ND	**0.0723**	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	69.2	64.2	67	55	68.6	69.9	64.8	65.7
	Manganese	5.137	0.8988	5.408	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
	Mercury	0.0011	0.0019	0.0003	ND	0.0003	0.0005	0.0014	0.0008	0.0005	0.0009	ND	**0.00232**	ND	ND	ND	ND	ND	ND
	Nickel	0.0437	0.0182	0.0343	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.01	5.28			5.49	5.59	5.36	6
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.71	7.17	6.81	13.7	6.83	6.41	6.84	7.39
	Selenium	0.0048	ND	0.0022	0.0022	ND	0.0029	0.0067	0.0022	ND	ND	0.0048	ND	0.0062	0.0185	ND	ND	0.00713	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	NT	NT	NT	107	97.5	101	38.5	99.8	99.4	95.1	99.5
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1444	1363			1227	1405	1499	1552
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.6	14.9	18.4	17	15	15.8	15.7	16.6
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1192	1032	1068	908	304	1048	904	830
	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	Nt	Nt	Nt	1.97	19.4	3.31	0.83	NT	NT	NS	0
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0919	ND	ND	ND	ND
	Zinc	NT	NT	NT	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

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Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB12	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	110	100	108	44	106	116	113	119
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	NT	0.142	0.0989	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
	Beryllium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	NT	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	33.3	39	32.3	34.1	33	38.3	26.5	36.7
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	69.9	83.9	65.8	80.1	62.7	76.9	66.4	79
	Chromium	NT	0.0024	ND	ND	0.0104	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	NT	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	NT	NT	NT	ND	12.1	7.4	6.9	ND	8.1	ND	21
	Copper	NT	0.0145	0.0215	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	165	189	162	182	153	194	160	178
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.368	ND	0.228	ND	ND	ND	ND	0.2
	Lead	NT	ND	0.0032	0.0032	0.0046	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	19.7	23.4	19.8	27	20.6	24.5	16.1	23.4
	Manganese	NT	1.03	0.6074	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
	Mercury	NT	0.0006	0.0004	0.0005	0.0011	ND	0.0015	0.0007	ND	ND	0.0003	ND	ND	ND	ND	ND	ND	ND
	Nickel	NT	0.0058	0.0069	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.622	2.25	1.377	1.59	1.14	1.26	0.99	1.02
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.84	6.14			5.46	5.51	5.29	5.81
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3	3.04	2.32	3.24	2.69	3.26	2.97	3.33
	Selenium	NT	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	NT	NT	NT	24.5	27.8	25.4	27.9	22.8	30	18.2	28.4
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	481.7	511.8			421.1	497.1	417.9	545.7
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.14	14.9	7.13	4.78	5.57	12	4.58	13.4
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	308	400	408	120	296	340	312	236
	Thallium	NT	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	NT	NT	NT	2.49	5.15	0.328	0.167	NT	NT	NS	0
	Vanadium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	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

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB15	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	242	93	230	74	228	51	226	33
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.646	0.228	0.29	ND	0.307	ND	0.274	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	0.0031	ND	ND	**0.0366**	ND	ND	ND	ND	ND	0.0069	ND	ND	ND	ND	ND	0.007	ND
	Barium	0.1026	0.3716	0.0852	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
	Beryllium	ND	0.0039	ND	ND	**0.0088**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	**0.0099**	NT	NT	NT	NT	NT	0.0042	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	29.5	20.3	18	14.8	21.6	16.5	18.3	12.9
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.16	3.48	7.73	4.61	10	3.95	11.9	4.73
	Chromium	ND	**0.1041**	ND	0.009	**0.3214**	ND	0.0521	ND	ND	ND	0.019	ND	ND	0.0053	ND	ND	0.0114	ND
	Cobalt	0.0217	0.0583	0.0219	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
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	49.3	11.1	11.2	ND	27.3	ND	17.8	ND
	Copper	0.0113	0.0416	0.0153	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	600	270	165	114	156	140	120	94
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	54.9	16	27.3	9.24	39.4	6.6	47.8	2.85
	Lead	0.0026	**0.0242**	ND	0.0088	**0.1747**	ND	**0.0409**	ND	ND	ND	**0.017**	ND	ND	ND	ND	ND	0.00794	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	23.2	24.5	17.4	22	21.6	21.3	17.4	16
	Manganese	ND	6.422	4.44	ND	9.2235	NT	NT	NT	NT	NT	5.73	4.5	3.87	1.78	3.27	1.28	2.5	0.163
	Mercury	ND	ND	ND	ND	0.0003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0206	0.1422	0.0197	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	0.008	ND	ND	ND	ND	0.292
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.01	6.62			6.15	5.5	5.7	5.78
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.15	2.3	2.18	2.29	2.46	2.12	2.32	2.04
	Selenium	ND	0.0134	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	35	14.5	53.3	36.1	59.1	29.2	62.5	26.1
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	576.4	368.7			535.4	323.1	521.8	329
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	78.6	78.1	56.5	78.9	49.2	93.2	37.9	92.8
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	328	252	324	420	528	272	308	184
	Thallium	ND	ND	ND	ND	**0.0024**	ND	**0.0024**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	125	53.8	25.4	96.8	NT	NT	NS	46.8
	Vanadium	ND	0.039	ND	0.0032	0.1477	ND	0.0282	ND	ND	ND	0.0052	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	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

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Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location OB25	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	423	416	472	282	267	249	374	268
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.57	0.771	3.69	0.629	1.91	0.731	2.31	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	0.004	ND	ND	ND	ND	0.0024	ND	ND	0.0037	**0.012**	ND	ND	ND	ND	ND	ND
	Barium	0.08	0.0817	0.2081	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0137**	**0.0057**	ND	ND	ND	ND	0.00617	ND
	Cadmium	ND	ND	0.0024	ND	ND	NT	NT	NT	NT	NT	**0.0174**	**0.0072**	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	111	89.9	90.2	92.7	65.1	73.3	89.5	56.2
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	156	183	173	62.3	86.6	73.5	158	59.5
	Chromium	0.0035	ND	0.0652	ND	ND	ND	0.0046	0.0089	ND	ND	**0.105**	**0.141**	0.0193	ND	ND	0.0297	0.0174	0.00811
	Cobalt	0.0104	0.0166	0.0865	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
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1080	79.4	90	107	19.6	18.6	23.5	21.6
	Copper	0.0153	0.0137	0.0774	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	740	520	750	450	292	356	500	316
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	239	210	29.9	1.32	5.73	31.7	25.9	4.68
	Lead	ND	ND	**0.026**	0.0021	ND	ND	ND	0.0026	ND	ND	**0.148**	**0.0358**	ND	ND	0.0137	0.00771	0.0269	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	82.8	109	71.6	70.2	44.2	57.7	62.4	41.5
	Manganese	5.523	11.562	15.005	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
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0003	ND	ND	0.00142	ND	0.00129	0.00052	ND
	Nickel	0.0138	0.0109	0.0872	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.6782	2.31	ND	1.33	ND	ND	ND	0.606
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.19	5.51			8.7	7	5.98	7.16
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	17.6	15.9	16.6	7.24	14.3	10.7	16.8	9.22
	Selenium	ND	ND	0.0053	ND	ND	ND	0.0023	ND	ND	ND	0.0364	0.0172	0.0059	ND	ND	0.00523	0.00877	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	NT	NT	NT	84	76.6	88.9	100	54.3	43.9	69	39
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1301	1340			NT	627.7	931.1	394.5
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	71.8	75.3	67	32.1	39.7	44.1	61.8	39.6
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	888	916	916	532	252	568	756	454
	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	NT	NT	NT	10100	3870	357	15050	NT	NT	NS	51
	Vanadium	0.0022	ND	0.0629	ND	ND	ND	ND	0.0087	ND	ND	0.156	0.129	0.0141	ND	0.00768	0.0236	0.0452	0.00766
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.95	1.09	0.109	0.0216	0.0256	0.112	0.13	0.0196

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location ST15	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	80	115	79	98	31	99	38	68
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.239	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.047	0.0451	0.0511	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	33.4	36.7	32.5	27.4	10.3	31.2	14.4	31.1
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	58.2	102	67.7	38.1	5.32	157	13.1	75.3
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0041	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0027	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	7.2	6.7	24.8	14.1	22.8	14.5	ND
	Copper	0.0104	0.0159	ND	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	160	180	160	95	29	122	48	124
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.372	0.814	0.701	0.863	ND	0.846	0.68	0.454
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0032	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.7	17.6	15	8.5	2.23	12	3.73	16
	Manganese	0.1448	0.1394	0.1185	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
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.006	0.009	0.0047	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.465	1.3279	1.3876	0.401	ND	0.799	ND	1.66
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.39	7.19			7.34	7.55	6.19	6.46
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.59	3.08	2.58	3.48	2.15	4.16	1.48	2.11
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	24.5	59	24.8	28	4.33	108	7.36	29.1
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	386.7	538.8			82.1	703.9	118.1	526.3
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	20.7	15.6	25.5	7.19	4.42	8.46	ND	12.6
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	280	368	404	204	1276	392	100	222
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.04	5.24	6.06	25.6	NT	NT	NS	NS
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0027	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	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

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location ST120	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	64	74	70	60	49	52	72	56
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	0.034	0.0321	0.0447	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	25.7	34	31.6	23.1	33.4	23.3	24.9	29.6
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	197	93.2	102	50.1	110	47	335
	Chromium	ND	ND	0.0021	0.0021	0.0026	0.0027	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	NT	NT	NT	ND	7	11.1	15.1	11.9	9.7	ND	25.8
	Copper	0.0112	ND	0.0116	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	340	150	180	113	73	98	100	130
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.525	1	0.705	0.661	0.75	0.474	0.704	0.639
	Lead	ND	ND	0.0031	0.0028	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	0.00528	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.3	19.1	16.3	14.2	12.6	11.5	14.2	14.8
	Manganese	0.0878	0.0937	0.2585	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
	Mercury	ND	ND	0.0006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0055	0.0072	0.008	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.029	1.2126	0.792	0.787	0.581	1.33	1.3	1.2
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.41	5.96			6.98	7.38	6.68	7.35
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.88	3	3.02	2.51	3.08	2.25	2.2	3.01
	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	NT	NT	NT	27.5	170	34	53.7	34.5	65.1	15.3	181
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	370.8	1116			236.6	489.4	303.4	1297
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.6	17.2	13.5	7.5	6.45	7.76	5.56	7.85
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	244	720	376	372	208	284	228	660
	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	NT	NT	NT	2.12	8.2	2.4	3.86	NT	NT	NS	5
	Vanadium	ND	ND	0.004	ND	0.0033	0.0028	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.0124	ND	0.00891	0.00844	0.0106	ND	0.00746

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location ST65	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	70	235	88	243	203	237	98	253
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	0.0376	0.0301	0.0351	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	18.1	40	34.3	33.9	34.2	30.6	34.3	34.6
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	51.7	85.7	98.4	99.6	154	136	91.5	171
	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	0.0134	ND	ND	ND	ND	0.0137	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	34.8	34.7	7.7	35.1	39.2	32.6	10.5	60.7
	Copper	0.0105	0.0134	0.0105	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	100	222	170	180	174	178	150	196
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.1	0.529	0.286	0.657	0.613	0.507	0.548	0.39
	Lead	ND	ND	ND	0.0032	ND	ND	ND	ND	ND	ND	0.0036	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.6	30.7	18.4	26.9	23.7	29	17.4	28.3
	Manganese	0.052	0.112	0.0871	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
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0037	0.0057	0.003	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.7773	1.117	0.392	ND	0.621	0.654	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.7	6.31			7.07	7.56	6.96	6.42
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.92	14.3	4	14.8	14.9	13.8	4.68	17
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0082	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	NT	NT	NT	25.7	110	37	121	115	136	26.3	136
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	302.3	884.2			795.9	872.7	471.5	1037
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.32	42.1	10.8	26.6	32.8	25.4	10.4	26.3
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	196	500	500	524	588	532	360	562
	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	NT	NT	NT	90.3	5.03	0.696	8.26	NT	NT	NS	NS
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0036	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	0.0185	0.0032	ND	ND	0.0058	0.0165	0.0053	ND	0.00604	0.00665	0.00539	ND	0.00538

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location ST70	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	109	106	115	105	81	128	79	108
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.497	ND	0.477	ND	0.383	ND	0.555
	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	0.0506	0.0475	0.0885	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	38.2	37.9	42.8	32.5	27.4	56.8	31.7	49.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	85.8	68.8	97.6	79.8	50.6	122	49.5	145
	Chromium	ND	ND	0.0167	0.0202	0.013	0.0034	0.0194	0.0033	ND	0.0422	ND	ND	ND	ND	ND	0.0234	ND	0.0253
	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	NT	NT	NT	ND	14.1	10	18.5	15.3	17.2	19.5	ND
	Copper	0.0107	0.0162	0.0166	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	170	150	170	128	110	188	124	180
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.421	0.98	0.357	1.04	0.555	1.36	0.466	0.77
	Lead	ND	ND	ND	0.0023	ND	ND	0.0039	ND	ND	0.0027	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	16.3	15.9	17.8	13.6	8.98	16.5	11.7	18.9
	Manganese	0.1555	0.2356	0.1272	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
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0046	0.0075	0.0059	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.8591	1.124	1.4818	0.831	0.774	1.489	0.878	2.071
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.54	6.61			7.05	8.51	6.53	6.52
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.3	4.4	6.84	4.15	4.52	13.1	5.33	14.3
	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	NT	NT	NT	34.2	69.8	40.1	45.6	20.4	77.1	22.1	70.3
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	520.6	625.1			291.6	691	315.7	739
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	20.8	18.4	25.2	12.8	11.6	41.4	27.4	29.7
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	352	392	524	312	256	448	256	380
	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	NT	NT	NT	1.96	9.24	0.753	10.7	NT	NT	NS	155
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	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

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location ST80	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	48	110	44	32	42	34	54	34
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.456	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	0.0252	0.0298	0.0436	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
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	16.2	37.9	12.5	11.8	11.9	14.2	18.6	16.5
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	32.6	92.3	28.6	27.1	29.4	45.8	38.1	107
	Chromium	ND	0.0042	ND	ND	ND	0.0026	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	12.5	17	14.6	12.5	10.3	10.8	ND
	Copper	0.0133	0.0116	0.0117	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
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	70	152	68	46	55	58	86	66
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.32	0.821	0.863	1.44	0.52	0.741	1.17	0.759
	Lead	ND	ND	0.0028	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.41	15.4	6.23	5.73	5.47	7.92	11.2	8.71
	Manganese	0.2107	0.1439	0.7916	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
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0022	0.0055	0.0053	0.0028	ND	0.0056	0.0043	0.0036	ND	0.0035	0.0042	0.0108	ND	0.0055	ND	ND	ND	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.8957	1.1925	0.35	0.856	0.423	1.68	0.679	1.52
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.65	7.37			7	8.08	6.94	7.11
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.08	4.64	2.68	2.16	3.82	2.57	3.8	2.69
	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	NT	NT	NT	17.4	69	14	14.6	12.1	28.2	16.4	64.6
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	216.2	616.7			162.9	234.2	255	466.6
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.16	17.3	5.53	6.57	6.04	5.77	5.55	8.53
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	144	380	168	144	160	168	160	246
	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	NT	NT	NT	1.85	7.23	7.86	91.8	NT	NT	NS	1000+
	Vanadium	ND	0.0045	0.003	ND	ND	0.0028	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	0.0091	0.0085	0.0066	ND	0.0078	ND	0.0119	ND	0.00952	0.00561	0.00612	ND	0.00635

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location MW1B	Alkalinity													48	49	49	58	52	49
	Ammonia													ND	ND	ND	ND	ND	ND
	Antimony													ND	ND	ND	ND	ND	ND
	Arsenic													ND	ND	ND	ND	ND	ND
	Barium													0.0057	0.0081	0.0089	0.00843	0.0338	0.00611
	Beryllium													ND	ND	ND	ND	ND	ND
	Cadmium													ND	ND	ND	ND	ND	ND
	Calcium													6.83	8.18	6.92	8.77	10.4	9.07
	Chloride													ND	ND	ND	2.75	3.33	3.24
	Chromium													0.0055	ND	0.00501	0.00854	0.233	0.00515
	Cobalt													ND	ND	ND	ND	0.0205	ND
	COD													ND	6.5	ND	ND	ND	ND
	Copper													0.0086	ND	0.00799	0.0104	0.0802	0.0159
	Hardness													30	36	33	60	80	36
	Iron													1.22	0.651	1.56	2.22	17.6	1.34
	Lead													ND	ND	0.00552	ND	0.0117	ND
	Magnesium													3.72	4.58	4.34	5.74	11.6	5.42
	Manganese													0.038	0.0495	0.0441	0.0541	0.516	0.0436
	Mercury													ND	ND	ND	ND	ND	ND
	Nickel													0.0055	ND	0.00538	0.00801	0.271	0.00529
	Nitrate													ND	ND	ND	ND	ND	ND
	pH															5.73	6.12	5.6	6.21
	Potassium													1.25	1.15	1.47	1.36	3.47	1.53
	Selenium													ND	ND	ND	ND	ND	ND
	Silver													ND	ND	ND	ND	ND	ND
	Sodium													10.2	8.37	6.78	8.88	8.62	12.8
	Spec. Cond.															76.3	97.9	96.9	113.1
	Sulfate													ND	ND	ND	ND	ND	ND
	TDS													440	92	80	92	92	136
	Thallium													ND	ND	ND	ND	ND	ND
	Turbidity													28.2	39.4	NT	NT	NS	47.7
	Vanadium													ND	ND	ND	ND	0.022	ND
	Zinc													0.0102	0.00685	0.0145	0.0179	0.109	0.012

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location MW2A	Alkalinity													30	40	35	46	54	NS
	Ammonia													ND	ND	ND	ND	ND	NS
	Antimony													ND	ND	ND	ND	ND	NS
	Arsenic													ND	ND	ND	ND	ND	NS
	Barium													0.0155	0.0299	0.0206	0.0209	0.0181	NS
	Beryllium													ND	ND	ND	ND	ND	NS
	Cadmium													ND	ND	ND	ND	ND	NS
	Calcium													4.89	7.78	8.86	10.5	11.1	NS
	Chloride													ND	2.74	2.69	2.65	2.63	NS
	Chromium													0.0084	0.0085	ND	0.0404	0.022	NS
	Cobalt													ND	ND	ND	0.014	ND	NS
	COD													ND	7.5	ND	ND	ND	NS
	Copper													0.008	0.0118	0.00689	0.028	0.0163	NS
	Hardness													19	25	22	32	32	NS
	Iron													1.38	3.14	0.68	1.27	0.725	NS
	Lead													ND	0.0055	ND	ND	ND	NS
	Magnesium													2.15	3.75	3.25	3.59	4.81	NS
	Manganese													0.12	0.173	0.204	0.148	0.151	NS
	Mercury													ND	ND	ND	0.00059	0.00076	NS
	Nickel													0.0102	0.0092	0.00547	0.032	0.0301	NS
	Nitrate													ND	ND	ND	ND	ND	NS
	pH															5.14	6.08	5.96	NS
	Potassium													1.94	2.32	1.8	2.12	2.14	NS
	Selenium													ND	ND	ND	ND	ND	NS
	Silver													ND	ND	ND	ND	ND	NS
	Sodium													7.15	7.07	6.09	10.4	8.38	NS
	Spec. Cond.															73.1	118.1	89.6	NS
	Sulfate													ND	ND	ND	ND	ND	NS
	TDS													465	112	108	84	100	NS
	Thallium													ND	ND	ND	ND	ND	NS
	Turbidity													58.9	117.6	NT	NT	NS	NS
	Vanadium													ND	ND	ND	ND	ND	NS
	Zinc													0.0114	0.0229	0.0187	0.0369	0.0247	NS

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location MW2B	Alkalinity													29	37	33	40	36	41
	Ammonia													ND	ND	ND	ND	ND	ND
	Antimony													ND	ND	ND	ND	ND	ND
	Arsenic													ND	ND	ND	ND	ND	ND
	Barium													0.0113	0.0095	0.0123	0.00636	0.00799	0.00706
	Beryllium													ND	ND	ND	ND	ND	ND
	Cadmium													ND	ND	ND	ND	ND	ND
	Calcium													4.92	8.72	7.2	9.89	11.7	10.7
	Chloride													ND	ND	ND	ND	2.55	ND
	Chromium													ND	ND	ND	ND	ND	ND
	Cobalt													ND	ND	ND	ND	ND	ND
	COD													ND	ND	ND	ND	ND	12.6
	Copper													0.0054	ND	ND	0.00608	ND	ND
	Hardness													18	24	35	30	34	34
	Iron													ND	ND	ND	ND	ND	ND
	Lead													ND	ND	ND	ND	ND	ND
	Magnesium													1.94	2.84	2.85	2.44	3.04	2.58
	Manganese													0.0868	0.063	0.044	0.0393	0.0302	0.0342
	Mercury													ND	ND	ND	ND	0.00058	ND
	Nickel													ND	ND	ND	0.00523	0.00624	ND
	Nitrate													ND	ND	ND	ND	ND	ND
	pH															5	5.39	5.49	5.61
	Potassium													1.36	1.58	1.39	1.66	1.74	1.83
	Selenium													ND	ND	ND	ND	ND	ND
	Silver													ND	ND	ND	ND	ND	ND
	Sodium													6.99	5.22	4.88	8.64	4.89	4.66
	Spec. Cond.															54.9	76	78.6	94.8
	Sulfate													ND	ND	ND	ND	ND	ND
	TDS													648	56	44	92	84	4
	Thallium													ND	ND	ND	ND	ND	ND
	Turbidity													2.43	1.29	NT	NT	NS	0.57
	Vanadium													ND	ND	ND	ND	ND	ND
	Zinc													0.00606	0.008	0.00794	0.00753	0.00694	0.00721

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location MW3A	Alkalinity													40	24	21	24	21	17.2
	Ammonia													ND	ND	ND	ND	ND	ND
	Antimony													ND	ND	ND	ND	ND	ND
	Arsenic													ND	ND	ND	ND	ND	ND
	Barium													0.144	0.0519	0.111	0.223	0.113	0.0487
	Beryllium													ND	ND	ND	ND	ND	ND
	Cadmium													ND	ND	ND	ND	ND	ND
	Calcium													6.89	6.1	11.1	17.2	10.1	7.11
	Chloride													ND	2.94	2.89	5.28	2.76	2.6
	Chromium													0.053	0.0067	0.00753	0.0815	0.05	0.0277
	Cobalt													0.041	0.0108	0.0188	0.0397	0.0267	0.00937
	COD													ND	ND	ND	6.3	ND	ND
	Copper													0.118	0.018	0.0273	0.122	0.0773	0.0332
	Hardness													130	14	22	50	44	34
	Iron													61.7	5.99	6.67	86.1	44.4	17
	Lead													**0.0259**	0.0089	**0.023**	**0.0435**	**0.02**	0.0088
	Magnesium													20.9	3.68	7.04	28.1	15.6	6.68
	Manganese													1.08	0.343	0.629	1.17	0.715	0.24
	Mercury													ND	ND	ND	ND	ND	ND
	Nickel													0.0816	0.0067	0.00978	0.0752	0.0544	0.0224
	Nitrate													ND	ND	ND	ND	ND	ND
	pH															5.55	5.85	5.86	5.99
	Potassium													13	1.98	2.86	15	9.8	3.99
	Selenium													ND	ND	ND	ND	ND	ND
	Silver													ND	ND	ND	ND	ND	ND
	Sodium													7.66	4.12	4.19	4.33	3.88	4.1
	Spec. Cond.															36.1	41.4	39	43.7
	Sulfate													ND	ND	ND	ND	ND	ND
	TDS													100	60	144	112	60	16
	Thallium													ND	ND	ND	ND	ND	ND
	Turbidity													1535	151.5	NT	NT	NS	982
	Vanadium													0.0529	0.01	0.0124	0.1	0.058	0.022
	Zinc													0.227	0.0275	0.0459	0.235	0.159	0.06

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location MW3B	Alkalinity													160	110	80	111	137	118
	Ammonia													ND	ND	ND	ND	ND	ND
	Antimony													ND	ND	ND	ND	ND	ND
	Arsenic													ND	ND	ND	ND	ND	ND
	Barium													0.0943	0.237	0.175	0.0994	0.13	0.0643
	Beryllium													ND	ND	ND	ND	ND	ND
	Cadmium													ND	ND	ND	ND	ND	ND
	Calcium													10.7	63	57.4	42.3	61.8	44.4
	Chloride													ND	4.59	2.57	3.49	3.46	2.76
	Chromium													0.0246	0.018	0.0129	0.0409	0.184	0.0478
	Cobalt													ND	0.027	0.00643	0.012	0.0243	0.00927
	COD													ND	22.4	7.6	6.7	ND	ND
	Copper													0.0125	0.0533	0.0184	0.0403	0.105	0.0308
	Hardness													100	66	45	114	188	132
	Iron													1.33	9.62	3.89	19.4	19.15	8.89
	Lead													ND	**0.041**	0.011	0.0138	0.0163	0.00869
	Magnesium													0.715	10.6	5.36	11.7	11.3	7.41
	Manganese													0.0395	1.26	0.276	0.371	0.584	0.33
	Mercury													ND	ND	ND	ND	ND	ND
	Nickel													0.0266	0.031	0.0103	0.0363	0.278	0.0425
	Nitrate													ND	ND	ND	ND	ND	ND
	pH															10.2	8.47	7.33	8.03
	Potassium													26	9.54	9.11	7.83	7.26	4.18
	Selenium													ND	ND	ND	ND	ND	ND
	Silver													ND	ND	ND	ND	ND	ND
	Sodium													56.7	107	41	48.6	51.1	36
	Spec. Cond.															279.6	223.9	329.1	161.1
	Sulfate													13.5	165	36.9	65.7	94.4	52.6
	TDS													332	472	188	268	292	158
	Thallium													ND	ND	ND	ND	ND	ND
	Turbidity													42	2130	NT	NT	NS	11.3
	Vanadium													0.0047	0.0279	0.0098	0.022	0.0216	0.0112
	Zinc													0.0123	0.108	0.0359	0.0724	0.0988	0.0429

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location MW04	Alkalinity													70	60	52	56	51	55
	Ammonia													ND	ND	ND	ND	ND	ND
	Antimony													ND	ND	ND	ND	ND	ND
	Arsenic													ND	ND	ND	ND	ND	ND
	Barium													0.228	0.0431	0.0409	0.0721	0.0383	0.0383
	Beryllium													ND	ND	ND	ND	ND	ND
	Cadmium													ND	ND	ND	ND	ND	ND
	Calcium													34.4	35.5	34.5	40.4	33.4	39.6
	Chloride													106	138	120	145	125	141
	Chromium													0.0261	ND	ND	0.00761	ND	ND
	Cobalt													0.0264	ND	ND	ND	ND	ND
	COD													ND	ND	ND	3.1	ND	ND
	Copper													0.037	ND	ND	0.0145	ND	0.0133
	Hardness													183	200	163	188	162	186
	Iron													37.6	1.21	1.06	7.69	0.889	0.97
	Lead													**0.022**	ND	ND	ND	ND	ND
	Magnesium													30.9	25.8	22.9	25.5	19.6	22.6
	Manganese													2.87	0.138	0.104	0.549	0.115	0.175
	Mercury													ND	ND	ND	ND	ND	ND
	Nickel													0.0758	0.0108	0.00554	0.0157	0.00948	0.0108
	Nitrate													0.3756	0.378	0.406	0.47	0.444	0.465
	pH															5.7	5.96	5.5	6.11
	Potassium													12.2	3.56	2.76	4.51	3.01	3.47
	Selenium													ND	ND	ND	ND	ND	ND
	Silver													ND	ND	ND	ND	ND	ND
	Sodium													29.4	30.2	29.4	29.7	24.9	30.9
	Spec. Cond.															421.5	587.4	501.7	620.9
	Sulfate													ND	ND	ND	ND	ND	4.26
	TDS													552	552	520	528	428	310
	Thallium													ND	ND	ND	ND	ND	ND
	Turbidity													880	13.2	NT	NT	NS	59.7
	Vanadium													0.0213	ND	ND	ND	ND	ND
	Zinc													0.138	0.00782	0.00755	0.0313	0.00689	0.00903

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Metals and Other Water Quality Parameters - Long Term Summary

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Monitoring Location MW06	Alkalinity													260	264	214	238	197	216
	Ammonia													ND	ND	ND	ND	ND	ND
	Antimony													ND	ND	ND	ND	ND	ND
	Arsenic													ND	ND	ND	ND	ND	ND
	Barium													0.675	0.303	0.319	0.365	0.433	0.259
	Beryllium													**0.007**	ND	ND	ND	ND	ND
	Cadmium													**0.0082**	ND	**0.00656**	**0.00618**	**0.00888**	ND
	Calcium													62.6	73.9	70.3	78.7	72.8	76.3
	Chloride													222	200	226	243	255	258
	Chromium													0.0533	ND	ND	0.00728	0.0229	0.00506
	Cobalt													0.33	0.322	0.216	0.374	0.343	0.388
	COD													ND	17.3	ND	ND	ND	ND
	Copper													0.143	0.0157	0.0106	0.0243	0.0414	0.0133
	Hardness													430	1720	430	470	452	472
	Iron													69.4	2.9	0.897	4.76	17.9	3.47
	Lead													**0.0519**	0.0101	0.011	0.0137	0.00953	ND
	Magnesium													57.9	54.9	53.5	56.3	53.1	54.9
	Manganese													38.9	54	37.63	44.4	37.6	48
	Mercury													ND	0.00035	ND	ND	ND	ND
	Nickel													0.154	0.0339	0.032	0.0429	0.0634	0.0463
	Nitrate													0.0757	ND	ND	ND	ND	ND
	pH															5.58	5.86	5.44	6.17
	Potassium													4.92	2.94	3.71	3.63	4.19	3.77
	Selenium													0.0429	0.0113	0.00983	0.00963	0.0151	0.00839
	Silver													ND	ND	ND	ND	ND	ND
	Sodium													56.2	63.1	61.2	70.9	59.6	65.3
	Spec. Cond.															984.9	1228	1211	1352
	Sulfate													54.1	58.7	45.2	43.4	47.4	48
	TDS													1080	868	1036	976	776	644
	Thallium													ND	ND	0.0001	ND	ND	ND
	Turbidity													5300	1540	NT	NT	NS	270
	Vanadium													0.0531	ND	ND	0.0054	0.0149	ND
	Zinc													0.5	0.0516	0.0487	0.0616	0.136	0.0515

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location MW07	Alkalinity													90	42	69	42	31	68
	Ammonia													ND	ND	ND	ND	ND	ND
	Antimony													ND	ND	ND	ND	ND	ND
	Arsenic													ND	ND	ND	ND	ND	ND
	Barium													0.0666	0.0674	0.0636	0.058	0.0631	0.0635
	Beryllium													ND	ND	ND	ND	ND	ND
	Cadmium													ND	ND	ND	ND	ND	ND
	Calcium													46.7	46.5	55.2	41.7	44.5	48.9
	Chloride													131	119	117	70.3	108	118
	Chromium													ND	ND	ND	ND	ND	ND
	Cobalt													0.0066	ND	ND	0.0065	0.00727	ND
	COD													12.6	15	15.1	14.6	ND	21.2
	Copper													0.016	0.01	0.0084	0.0115	0.013	0.0172
	Hardness													650	219	241	198	216	238
	Iron													0.69	0.517	ND	0.478	0.413	0.391
	Lead													ND	ND	ND	ND	ND	ND
	Magnesium													23.2	28.1	31.5	25.7	24.7	27.6
	Manganese													2.01	0.761	0.562	0.681	0.34	1.3
	Mercury													ND	ND	ND	ND	ND	ND
	Nickel													0.0157	0.0064	0.00506	0.00667	0.00779	0.00689
	Nitrate													**10.35**	**14.59**	**18.45**	**29.09**	**22.65**	**15.0122**
	pH															5.55	5.62	5.04	5.79
	Potassium													3.16	3.81	3.36	3.09	3.8	4.23
	Selenium													ND	ND	ND	ND	ND	ND
	Silver													ND	ND	ND	ND	ND	ND
	Sodium													33.4	32.6	31.7	22.7	23.1	24.1
	Spec. Cond.															568.3	601.2	614.9	693.4
	Sulfate													13.1	12.4	11.7	5.6	11	5.66
	TDS													648	552	788	528	560	420
	Thallium													ND	ND	ND	ND	ND	ND
	Turbidity													11.1	6.06	NT	NT	NS	0.8
	Vanadium													ND	ND	ND	ND	ND	ND
	Zinc													0.0246	0.0119	0.0106	0.0148	0.014	0.00977

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location MW08	Alkalinity													190	480	209	166	178	175
	Ammonia													0.726	1.94	ND	ND	ND	ND
	Antimony													ND	ND	ND	ND	ND	ND
	Arsenic													ND	ND	ND	ND	ND	ND
	Barium													0.273	0.177	0.109	0.12	0.419	0.12
	Beryllium													ND	ND	ND	ND	ND	ND
	Cadmium													ND	ND	ND	ND	ND	ND
	Calcium													59	114	76.2	70.1	67.4	67.5
	Chloride													190	207	210	198	223	172
	Chromium													0.0215	ND	ND	ND	0.0654	ND
	Cobalt													0.0816	ND	ND	ND	0.0838	ND
	COD													ND	26.3	6.2	11.5	ND	ND
	Copper													0.054	0.0145	0.0067	0.00811	0.131	0.0134
	Hardness													270	600	99	332	344	302
	Iron													15.1	1.69	0.69	1.15	46.3	0.498
	Lead													0.01	ND	ND	ND	0.027	ND
	Magnesium													36.9	90.9	50.2	40.5	39.6	33.9
	Manganese													3.46	0.144	0.0902	0.0101	2.36	0.0338
	Mercury													ND	ND	ND	ND	ND	ND
	Nickel													0.0534	0.0082	0.00713	0.0065	0.0821	ND
	Nitrate													7.63	**13.85**	5.65	**14.79**	**9.61**	4.75
	pH															6.65	6.59	5.76	6.57
	Potassium													10.4	19.1	14	11.8	12.9	13.6
	Selenium													ND	ND	ND	ND	0.0076	ND
	Silver													ND	ND	ND	ND	ND	ND
	Sodium													104	139	124	106	102	95.7
	Spec. Cond.															1040	1154	1199	1157
	Sulfate													55	68.5	72.6	67.4	69	95.1
	TDS													696	1136	1016	776	712	642
	Thallium													ND	ND	ND	ND	ND	ND
	Turbidity													1227	22.7	NT	NT	NS	8.7
	Vanadium													0.0366	ND	ND	ND	0.0874	ND
	Zinc													0.16	0.0143	0.0109	0.0104	0.22	0.00708

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location MW09	Alkalinity													64	110	44	34	37	33
	Ammonia													ND	ND	ND	ND	ND	ND
	Antimony													ND	ND	ND	ND	ND	ND
	Arsenic													ND	ND	ND	ND	ND	ND
	Barium													0.334	0.156	0.172	0.0682	1.33	0.0722
	Beryllium													ND	ND	ND	ND	ND	ND
	Cadmium													ND	ND	ND	ND	ND	ND
	Calcium													15.8	14.9	12.4	10.48	17.5	12
	Chloride													11.9	10.9	12.3	12.1	13.6	12.9
	Chromium													0.0588	0.032	ND	0.00903	0.0384	0.027
	Cobalt													0.0341	0.016	ND	ND	0.0603	0.00569
	COD													ND	ND	ND	ND	ND	ND
	Copper													0.0339	0.0174	ND	0.0083	0.0369	0.0196
	Hardness													80	48	140	50	84	46
	Iron													48.6	16.7	ND	3.05	26.2	6.41
	Lead													**0.0373**	0.0132	0.0124	ND	0.0544	ND
	Magnesium													24.4	13.2	6.9	7.22	15.9	8.44
	Manganese													1.8	0.689	0.196	0.242	3.19	0.273
	Mercury													ND	ND	0.00035	ND	0.00045	ND
	Nickel													0.0553	0.0274	ND	0.00936	0.034	0.0217
	Nitrate													1.25	1.25	1.14	1.47	1.18	1.45
	pH															5.25	5.08	5.23	5.42
	Potassium													17.8	7.41	1.54	2.09	9.63	3.45
	Selenium													ND	ND	ND	ND	0.00879	ND
	Silver													ND	ND	ND	ND	ND	ND
	Sodium													7.23	3.75	3.91	4.26	3.77	7.95
	Spec. Cond.															105.3	105.1	122.5	120.2
	Sulfate													ND	ND	ND	ND	ND	ND
	TDS													168	172	116	80	112	196
	Thallium													ND	ND	ND	ND	ND	ND
	Turbidity													1160	398	NT	NT	NS	446
	Vanadium													0.0541	0.0285	ND	ND	0.0306	0.00762
	Zinc													0.189	0.0777	0.0166	0.0242	0.157	0.0363

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location MW10	Alkalinity													100	75	78	65	79	59
	Ammonia													ND	ND	ND	ND	ND	ND
	Antimony													ND	ND	ND	ND	ND	ND
	Arsenic													ND	ND	ND	ND	ND	ND
	Barium													1.49	0.124	0.414	0.116	0.157	0.0878
	Beryllium													ND	ND	ND	ND	ND	ND
	Cadmium													ND	ND	ND	ND	ND	ND
	Calcium													29.1	14.2	21.2	16.1	21.1	17.2
	Chloride													6.75	19.4	8.02	8.31	9.6	6.76
	Chromium													**0.125**	ND	0.00566	0.0102	0.0174	0.00814
	Cobalt													0.0659	ND	0.0103	0.00519	0.00667	ND
	COD													ND	36.6	ND	4.4	ND	ND
	Copper													0.197	0.0123	0.0292	0.027	0.0283	0.0254
	Hardness													110	70	72	68	82	60
	Iron													201	ND	5.7	9	12.6	5.5
	Lead													**0.0611**	ND	**0.0153**	ND	0.00502	ND
	Magnesium													78.3	9.1112	10.7	9.78	11.2	8.42
	Manganese													3.59	0.044	0.38	0.158	0.212	0.0983
	Mercury													ND	ND	ND	ND	ND	ND
	Nickel													0.111	ND	0.013	0.0112	0.0172	0.00985
	Nitrate													ND	ND	ND	ND	ND	ND
	pH															5.35	5.8	5.53	5.95
	Potassium													43.5	1.26	2.12	2.78	3.27	2.29
	Selenium													0.0085	ND	ND	ND	ND	ND
	Silver													ND	ND	ND	ND	ND	ND
	Sodium													12.4	10.1	8.3	8.54	9.1	12.4
	Spec. Cond.															132.5	144.6	184	164.9
	Sulfate													7.56	8.3	7.83	8.02	7.4	8.41
	TDS													148	140	140	116	160	162
	Thallium													ND	ND	ND	ND	ND	ND
	Turbidity													4340	3140	NT	NT	NS	203
	Vanadium													0.189	ND	0.00943	0.0242	0.0319	0.0143
	Zinc													0.337	0.132	0.0575	0.0335	0.0444	0.0272

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location MW11A	Alkalinity													50	27	40	33	37	29
	Ammonia													ND	ND	ND	ND	ND	ND
	Antimony													ND	ND	ND	ND	ND	ND
	Arsenic													ND	ND	ND	ND	ND	ND
	Barium													0.749	0.274	0.148	0.138	0.183	0.111
	Beryllium													ND	ND	ND	ND	ND	ND
	Cadmium													ND	ND	ND	ND	ND	ND
	Calcium													23.4	14.8	15.1	11.4	15.8	12.5
	Chloride													4.22	10.9	4.52	4.17	5.1	4.99
	Chromium													**0.144**	0.0273	0.00963	0.0354	0.0514	0.032
	Cobalt													0.0695	0.0181	0.0103	0.014	0.0213	0.0119
	COD													ND	ND	ND	ND	ND	ND
	Copper													0.0825	0.026	0.0135	0.0452	0.0409	0.0321
	Hardness													90	36	54	52	80	46
	Iron													149	12.1	7.54	22.56	30.8	18.4
	Lead													**0.0499**	**0.0156**	0.0122	0.00689	0.0136	0.00611
	Magnesium													66.6	11.2	8.63	11.7	13.9	9.74
	Manganese													3.47	0.738	0.319	0.451	0.693	0.326
	Mercury													ND	ND	ND	ND	ND	ND
	Nickel													0.145	0.0277	0.0171	0.0312	0.0486	0.0297
	Nitrate													1.4774	1.1	1.94	1.29	2.25	1.87
	pH															5.14	5.51	5.49	5.78
	Potassium													27.7	1.87	1.3	4.85	4.82	3.64
	Selenium													0.0056	ND	ND	ND	ND	ND
	Silver													ND	ND	ND	ND	ND	ND
	Sodium													8.49	4.21	5.15	4.66	4.57	8.24
	Spec. Cond.															92	93.3	114.8	111.2
	Sulfate													7.07	6.28	5.94	5.83	5.76	6.22
	TDS													108	72	96	64	108	176
	Thallium													ND	ND	ND	ND	ND	ND
	Turbidity													4880	1600	NT	NT	NS	766
	Vanadium													0.124	0.0093	0.00545	0.0425	0.057	0.0328
	Zinc													0.334	0.0938	0.0493	0.0788	0.109	0.069

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location MW11B	Alkalinity													100	69	65	68	61	61
	Ammonia													ND	ND	ND	ND	ND	ND
	Antimony													ND	ND	ND	ND	ND	ND
	Arsenic													ND	ND	ND	ND	ND	ND
	Barium													0.0744	0.0194	0.0188	0.0252	0.021	0.021
	Beryllium													ND	ND	ND	ND	ND	ND
	Cadmium													ND	ND	ND	ND	ND	ND
	Calcium													34.4	15.4	14.9	14.3	15.9	15.9
	Chloride													4.18	4.79	4.38	4.9	5.06	5.06
	Chromium													0.0082	ND	ND	ND	ND	ND
	Cobalt													0.005	ND	ND	ND	ND	ND
	COD													ND	ND	ND	ND	ND	ND
	Copper													0.0131	ND	ND	0.00742	ND	ND
	Hardness													94	66	58	62	62	62
	Iron													6.97	ND	ND	1.37	0.567	0.567
	Lead													ND	ND	ND	ND	ND	ND
	Magnesium													8.36	6.63	6.3	7.72	6.62	6.62
	Manganese													0.167	0.012	0.0107	0.0345	0.0178	0.0178
	Mercury													ND	ND	ND	ND	ND	ND
	Nickel													0.009	ND	ND	ND	ND	ND
	Nitrate													2.307	2.33	2.19	2.56	2.37	2.37
	pH															6.13	6.36	6.17	6.17
	Potassium													2.5	0.888	0.93	1.12	0.941	0.941
	Selenium													ND	ND	ND	ND	ND	ND
	Silver													ND	ND	ND	ND	ND	ND
	Sodium													12.6	9.1	8.49	9.38	8.14	8.14
	Spec. Cond.															123	156	147.8	147.8
	Sulfate													ND	ND	ND	ND	ND	ND
	TDS													156	132	116	132	136	136
	Thallium													ND	ND	ND	ND	ND	ND
	Turbidity													72.4	4.99	NT	NT	NS	NS
	Vanadium													0.0229	ND	ND	0.00615	ND	ND
	Zinc													0.0209	ND	ND	0.0106	0.00657	0.00657

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location MW12	Alkalinity													15	16	22	12	10	7
	Ammonia													ND	ND	ND	ND	ND	ND
	Antimony													ND	ND	ND	ND	ND	ND
	Arsenic													ND	ND	ND	ND	ND	ND
	Barium													1.32	0.749	0.615	0.635	0.472	0.473
	Beryllium													ND	ND	ND	ND	ND	ND
	Cadmium													ND	ND	ND	ND	ND	ND
	Calcium													82	78.8	65.6	65.2	47.4	44.5
	Chloride													374	371	286	348	211	246
	Chromium													0.1	ND	ND	0.0181	0.0261	ND
	Cobalt													0.0492	ND	ND	ND	0.012	ND
	COD													ND	ND	ND	6.1	ND	ND
	Copper													0.109	0.0111	0.00629	0.0168	0.0339	0.0159
	Hardness													360	356	280	276	188	196
	Iron													100	2.59	1.22	4.09	17	1.27
	Lead													**0.0616**	ND	0.0106	ND	0.0168	ND
	Magnesium													69.5	43.1	29.1	32.7	23	21.1
	Manganese													3.02	0.138	0.103	0.155	0.532	0.0835
	Mercury													ND	ND	ND	ND	ND	ND
	Nickel													0.0938	0.0113	0.00795	0.0205	0.0257	0.00961
	Nitrate													5.0188	4.38	4.87	4.43	4.9	4.49
	pH															4.66	4.8	5.01	5.19
	Potassium													23.1	5.14	4.12	4.49	5.42	4.06
	Selenium													0.0062	ND	ND	ND	ND	ND
	Silver													ND	ND	ND	ND	ND	ND
	Sodium													81.5	104	73.7	96.2	57.8	76.9
	Spec. Cond.															836.7	1142	757	976.6
	Sulfate													14.7	14.3	15.5	13.9	15.7	15
	TDS													1520	1184	1020	1012	720	600
	Thallium													ND	ND	ND	ND	ND	ND
	Turbidity													3920	57.4	NT	NT	NS	84.3
	Vanadium													0.085	ND	ND	ND	0.0246	ND
	Zinc													0.269	0.0352	0.0306	0.039	0.0754	0.0238

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Monitoring Location MW13A	Alkalinity													50	224	34	227	32	34
	Ammonia													ND	ND	ND	ND	ND	ND
	Antimony													ND	ND	ND	ND	ND	ND
	Arsenic													ND	ND	ND	ND	ND	ND
	Barium													0.332	0.199	0.273	0.687	0.249	0.213
	Beryllium													ND	ND	ND	ND	ND	ND
	Cadmium													ND	ND	ND	ND	ND	ND
	Calcium													26.5	23.8	24.5	29.1	26.3	25
	Chloride													84.3	83.5	85.1	86.1	90.7	88.2
	Chromium													0.024	ND	ND	0.0853	0.0224	0.00838
	Cobalt													0.029	0.0079	0.0114	0.0683	0.017	0.0109
	COD													34.6	ND	ND	10.1	ND	17.2
	Copper													0.071	0.0121	0.0137	0.197	0.0421	0.0271
	Hardness													160	128	125	164	148	132
	Iron													28.3	3.32	2.96	108	17.3	10.3
	Lead													0.0112	ND	0.00686	**0.0327**	**0.0069**	ND
	Magnesium													23.5	20.7	19.7	47	19.7	18.2
	Manganese													0.876	0.302	0.376	1.88	0.54	0.333
	Mercury													0.00032	0.00026	0.00062	**0.00257**	**0.00039**	0.00033
	Nickel													0.0345	0.01	0.00966	0.0773	0.0249	0.0135
	Nitrate													2.48	2.29	2.17	1.97	2.08	1.88
	pH															4.79	4.93	4.91	5.32
	Potassium													8.65	3.03	2.72	22.6	6.15	4.75
	Selenium													ND	ND	ND	ND	ND	ND
	Silver													ND	ND	ND	ND	ND	ND
	Sodium													17.6	16.1	15.5	15.1	14.9	16.5
	Spec. Cond.															303	362.1	362.5	406.3
	Sulfate													ND	ND	ND	ND	ND	ND
	TDS													380	324	456	392	336	174
	Thallium													ND	ND	ND	ND	ND	ND
	Turbidity													1048	56.8	NT	NT	NS	1082
	Vanadium													0.0626	0.0099	0.00944	0.238	0.0461	0.0197
	Zinc													0.0902	0.0194	0.0224	0.231	0.0585	0.033

NEW MONITORING WELL
Sampling Started in Fall 2010

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

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

Sample Site	Parameter	Fall 2004	Spring 2005	Fall 2005	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
Monitoring Location MW13B	Alkalinity													230	720	226	742	226	224
	Ammonia													ND	ND	ND	ND	ND	ND
	Antimony													ND	ND	ND	ND	ND	ND
	Arsenic													ND	ND	ND	ND	ND	ND
	Barium													0.0676	0.073	0.0706	0.0746	0.0676	0.0748
	Beryllium													ND	ND	ND	ND	ND	ND
	Cadmium													ND	ND	ND	ND	ND	ND
	Calcium													82.7	80.5	83.4	91.2	81.4	83
	Chloride													84.6	84.7	85.5	89.5	86.4	91
	Chromium													ND	ND	ND	ND	ND	ND
	Cobalt													ND	ND	ND	ND	ND	ND
	COD													6.2	9.6	3.4	12.1	ND	ND
	Copper													0.0063	ND	ND	ND	ND	0.01
	Hardness													360	313	67	334	316	314
	Iron													0.571	ND	ND	0.498	0.447	0.537
	Lead													ND	ND	ND	ND	ND	ND
	Magnesium													27.6	31.4	31.2	32.2	26.9	28.1
	Manganese													0.0306	0.0323	0.0324	0.0382	0.0403	0.0331
	Mercury													0.0002	ND	ND	ND	0.00029	0.0002
	Nickel													ND	ND	ND	0.00581	0.00683	ND
	Nitrate													1.467	1.62	1.6	1.88	2.08	2.27
	pH															5.85	5.88	5.64	6.2
	Potassium													3.3	4.07	3.53	3.5	3.67	4.71
	Selenium													ND	ND	ND	ND	ND	ND
	Silver													ND	ND	ND	ND	ND	ND
	Sodium													19.9	18.2	17.9	18.9	15.9	19.9
	Spec. Cond.															586.8	713.4	706.1	781
	Sulfate													6.18	ND	6.71	7.55	7.58	7.33
	TDS													540	572	640	560	480	474
	Thallium													ND	ND	ND	ND	ND	ND
	Turbidity													0.232	0.364	NT	NT	NS	0
	Vanadium													ND	ND	ND	ND	ND	ND
	Zinc													ND	ND	ND	0.00501	0.00618	ND

NEW MONITORING WELL
Sampling Started in Fall 2010

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

TABLE A - Filtered and Unfiltered Sampling Results for Metals

Parameter		Monitoring Well									
		OB01	OB02	OB02A	OB03	OB03A	OB04	OB04A	OB06	OB07	OB07A
Antimony	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	Unfiltered	ND	ND	ND	ND	ND	0.00926	**0.0105**	ND	ND	ND
	Filtered	ND	ND	ND	ND	0.00506	**0.0107**	**0.012**	ND	ND	ND
Barium	Unfiltered	0.185	0.05	0.385	0.573	0.435	0.274	0.0622	0.196	0.0338	0.045
	Filtered	0.199	0.0486	0.377	0.57	0.45	0.282	0.0603	0.188	0.0286	0.0452
Beryllium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	Unfiltered	73.3	20.9	90.3	67.4	70.9	151	126	135	115	87.3
	Filtered	70	20.9	90	67	69	162	115	139	114	92.6
Chromium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt	Unfiltered	0.0111	ND	ND	0.0531	0.0441	ND	ND	ND	ND	ND
	Filtered	0.0112	ND	ND	0.052	0.0452	ND	ND	ND	ND	ND
Copper	Unfiltered	0.0148	0.0106	0.0112	0.0113	0.011	0.0475	0.0364	0.0158	0.0135	0.0116
	Filtered	0.0145	0.0107	0.0119	0.00957	0.0114	0.0461	0.0356	0.0164	0.0125	0.0113
Iron	Unfiltered	0.458	0.725	0.486	21.8	29.6	0.751	0.806	1.17	1.78	0.615
	Filtered	0.36	0.331	0.432	22.2	28.7	0.74	0.542	0.931	0.74	0.579
Lead	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	Unfiltered	45	9.45	52.4	35.2	51.4	78.1	89.6	55.3	33.9	48.9
	Filtered	43	8.85	52.1	36.5	49.1	80	82.5	56.3	34	50.2
Manganese	Unfiltered	3.8	0.6	0.0418	19.5	11.2	2.55	1.23	0.496	0.0827	0.0753
	Filtered	3.94	0.623	0.0404	19	10.4	2.53	1.24	0.474	0.041	0.0606
Mercury	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	0.00038	0.00068
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	0.00026	0.00053
Nickel	Unfiltered	0.0324	ND	0.0116	0.0174	0.0142	0.0204	0.0255	0.0126	ND	ND
	Filtered	0.0322	ND	0.0115	0.017	0.0145	0.0203	0.0256	0.0121	ND	ND
Potassium	Unfiltered	4.55	3.33	5.24	9.31	16.6	8.21	5.96	6.2	4.66	3.12
	Filtered	4.64	3.34	5	8.31	16.6	8.23	5.61	6.31	4.51	3.31
Selenium	Unfiltered	ND	ND	ND	ND	ND	0.037	0.0434	0.0169	0.00865	0.00869
	Filtered	ND	ND	ND	ND	ND	0.0437	0.0485	0.0159	0.00837	0.0101
Silver	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	Unfiltered	73.6	14.8	35.9	43.8	97.8	66.6	100	92.2	22.9	27.1
	Filtered	70.5	14	36	45.5	93.4	67.3	91.4	92.5	22.7	28.1
Thallium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	Unfiltered	0.0118	ND	0.00696	0.0142	0.00638	0.00793	0.0228	0.021	0.00752	ND
	Filtered	0.0122	ND	0.00723	0.0138	0.00643	0.00792	0.0223	0.0201	ND	ND

ND: Not Detected
NS: Not Sampled

TABLE A - Filtered and Unfiltered Sampling Results for Metals

Parameter		Monitoring Well									
		OB08	OB08A	OB10	OB102	OB105	OB11	OB11A	OB12	OB15	OB25
Antimony	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	Unfiltered	ND	ND	ND	**0.0112**	0.00942	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	**0.0117**	0.00851	ND	ND	ND	ND	ND
Barium	Unfiltered	0.132	0.0674	0.0562	0.404	0.233	0.0299	0.191	0.0194	0.0709	0.0769
	Filtered	0.134	0.0737	0.0617	0.398	0.152	0.03	0.19	0.0194	0.0706	0.0684
Beryllium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	Unfiltered	ND	ND	ND	ND	ND	**0.011**	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	**0.011**	ND	ND	ND	ND
Calcium	Unfiltered	66.6	54.9	45	118	168	132	85.3	36.7	12.9	56.2
	Filtered	66.2	56.7	50.6	116	160	134	83.9	37	14.1	59.9
Chromium	Unfiltered	ND	ND	ND	0.014	0.0434	ND	ND	ND	ND	0.00811
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt	Unfiltered	0.00798	0.0189	0.00674	0.0852	0.054	ND	0.024	ND	ND	0.00673
	Filtered	0.00746	0.0187	0.00705	0.0842	0.0177	ND	0.024	ND	ND	ND
Copper	Unfiltered	ND	ND	0.0109	0.071	0.0906	0.0153	0.0143	0.0102	0.01	0.0194
	Filtered	ND	ND	0.0114	0.0489	0.0151	0.0156	0.0136	0.0108	0.0109	0.0142
Iron	Unfiltered	0.575	3.38	1.14	1.93	50.7	0.674	1.08	0.2	2.85	4.68
	Filtered	0.695	3.54	1.17	0.814	8.42	0.665	1	ND	ND	0.345
Lead	Unfiltered	ND	ND	ND	ND	**0.0164**	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	Unfiltered	15.9	21.8	25.1	104	139	68.9	65.7	23.4	16	41.5
	Filtered	16.1	22.2	29.6	102	130	69.2	63.2	23.1	15.8	43.2
Manganese	Unfiltered	6.89	8.12	3.66	20.2	4.65	0.793	6.82	0.105	0.163	0.818
	Filtered	6.6	8.27	3.76	20.5	5.09	0.806	6.7	0.109	0.164	0.488
Mercury	Unfiltered	ND	ND	ND	ND	0.00084	0.00136	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	0.00088	ND	ND	ND	ND
Nickel	Unfiltered	0.0111	0.00968	0.0107	0.113	0.0994	0.0354	0.0203	0.00787	0.0141	0.0129
	Filtered	0.0102	0.00951	0.0112	0.107	0.0364	0.0361	0.0202	0.00817	0.0143	0.00773
Potassium	Unfiltered	2.48	2.85	3.44	47.4	33.3	5.45	7.39	3.33	2.04	9.22
	Filtered	3.02	2.96	3.44	47.2	25.7	5.5	7.64	2.94	2.19	9.6
Selenium	Unfiltered	ND	ND	ND	0.0411	0.0276	0.00674	ND	ND	ND	ND
	Filtered	ND	ND	ND	0.0434	0.0298	0.00672	ND	ND	ND	ND
Silver	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	Unfiltered	26.3	30.7	19.8	558	279	75.8	99.5	28.4	26.1	39
	Filtered	26.3	31.8	22.7	545	279	76	96	27.6	25.9	41.4
Thallium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	Unfiltered	ND	ND	ND	ND	0.0811	ND	ND	ND	ND	0.00766
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	Unfiltered	0.00571	0.00596	0.00562	0.0206	0.263	0.0442	0.0206	0.00511	0.136	0.0196
	Filtered	0.00574	0.00585	0.00701	0.0149	0.00937	0.0452	0.0206	0.00565	0.138	0.0069

ND: Not Detected
NS: Not Sampled

TABLE A - Filtered and Unfiltered Sampling Results for Metals

Parameter		Monitoring Well									
		MW1B	MW2A	MW2B	MW3A	MW3B	MW04	MW06	MW07	MW08	MW09
Antimony	Unfiltered	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	Unfiltered	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Barium	Unfiltered	0.00611	NS	0.00706	0.0487	0.0643	0.0383	0.259	0.0635	0.12	0.0722
	Filtered	ND	NS	0.00759	0.00718	0.0147	0.0478	0.249	0.0623	0.118	0.036
Beryllium	Unfiltered	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	Unfiltered	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	Unfiltered	9.07	NS	10.7	7.11	44.4	39.6	76.3	48.9	67.5	12
	Filtered	8.97	NS	11.4	4.1	26.3	8.67	75.7	47.1	64.7	40.4
Chromium	Unfiltered	0.00515	NS	ND	0.0277	0.0478	ND	0.00506	ND	ND	0.027
	Filtered	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt	Unfiltered	ND	NS	ND	0.00937	0.00927	ND	0.388	ND	ND	0.00569
	Filtered	ND	NS	ND	ND	ND	ND	0.319	ND	ND	ND
Copper	Unfiltered	0.0159	NS	ND	0.0332	0.0308	0.0133	0.0133	0.0172	0.0134	0.0196
	Filtered	0.0121	NS	ND	ND	ND	0.0119	0.00624	0.0172	0.0125	0.0119
Iron	Unfiltered	1.34	NS	ND	17	8.89	0.97	3.47	0.391	0.498	6.41
	Filtered	ND	NS	ND	ND	ND	ND	1.04	0.379	0.476	0.279
Lead	Unfiltered	ND	NS	ND	0.0088	0.00869	ND	ND	ND	ND	ND
	Filtered	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	Unfiltered	5.42	NS	2.58	6.68	7.41	22.6	54.9	27.6	33.9	8.44
	Filtered	4.68	NS	2.73	1.85	4.03	5.92	54.7	26.5	31.4	24
Manganese	Unfiltered	0.0436	NS	0.0342	0.24	0.33	0.175	48	1.3	0.0338	0.273
	Filtered	0.00796	NS	0.0311	ND	0.0128	0.189	46.5	1.28	0.0322	0.14
Mercury	Unfiltered	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	Unfiltered	0.00529	NS	ND	0.0224	0.0425	0.0108	0.0463	0.00689	ND	0.0217
	Filtered	ND	NS	ND	ND	ND	0.00593	0.0344	0.00687	ND	0.00947
Potassium	Unfiltered	1.53	NS	1.83	3.99	4.18	3.47	3.77	4.23	13.6	3.45
	Filtered	1.35	NS	1.77	1.09	2.64	1.32	3.39	4.09	13.7	3.12
Selenium	Unfiltered	ND	NS	ND	ND	ND	ND	0.00839	ND	ND	ND
	Filtered	ND	NS	ND	ND	ND	ND	0.00701	ND	ND	ND
Silver	Unfiltered	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	Unfiltered	12.8	NS	4.66	4.1	36	30.9	65.3	24.1	95.7	7.95
	Filtered	12.3	NS	4.98	3.68	34.6	7.48	64.3	22.8	88.8	32.6
Thallium	Unfiltered	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	Unfiltered	ND	NS	ND	0.022	0.0112	ND	ND	ND	ND	0.00762
	Filtered	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	Unfiltered	0.012	NS	0.00721	0.06	0.0429	0.00903	0.0515	0.00977	0.00708	0.0363
	Filtered	0.005	NS	0.00806	ND	ND	0.0114	0.0366	0.0107	0.00672	0.00576

ND: Not Detected
NS: Not Sampled

TABLE A - Filtered and Unfiltered Sampling Results for Metals

Parameter		Monitoring Well								
		MW10	MW11A	MW11B	MW12	MW13A	MW13B	Minimum	Maximum	Average
Antimony	Unfiltered	ND	ND	ND	ND	ND	ND	0	0	0
	Filtered	ND	ND	ND	ND	ND	ND	0	0	0
Arsenic	Unfiltered	ND	ND	ND	ND	ND	ND	0.00926	0.0112	0.010095
	Filtered	ND	ND	ND	ND	ND	ND	0.00506	0.012	0.009594
Barium	Unfiltered	0.0878	0.111	0.0348	0.473	0.213	0.0748	0.00611	0.573	0.1483791
	Filtered	0.0589	0.0263	0.0176	0.448	0.175	0.0739	0.00718	0.57	0.1408462
Beryllium	Unfiltered	ND	ND	ND	ND	ND	ND	0	0	0
	Filtered	ND	ND	ND	ND	ND	ND	0	0	0
Cadmium	Unfiltered	ND	ND	ND	ND	ND	ND	0.011	0.011	0.011
	Filtered	ND	ND	ND	ND	ND	ND	0.011	0.011	0.011
Calcium	Unfiltered	17.2	12.5	18	44.5	25	83	7.11	168	63.670857
	Filtered	16.6	11.6	16.2	45.2	25.7	81.9	4.1	162	62.926857
Chromium	Unfiltered	0.00814	0.032	0.015	ND	0.00838	ND	0.00506	0.0478	0.020145
	Filtered	ND	ND	ND	ND	ND	ND	0	0	0
Cobalt	Unfiltered	ND	0.0119	ND	ND	0.0109	ND	0.00569	0.388	0.0466863
	Filtered	ND	ND	ND	ND	0.00671	ND	0.00671	0.319	0.0539291
Copper	Unfiltered	0.0254	0.0321	0.0159	0.0159	0.0271	0.01	0.01	0.0906	0.0221406
	Filtered	0.0113	0.0126	0.011	0.0135	0.0111	0.00981	0.00624	0.0489	0.0153873
Iron	Unfiltered	5.5	18.4	3.34	1.27	10.3	0.537	0.2	50.7	5.9916471
	Filtered	ND	ND	ND	0.232	0.226	0.521	0.226	28.7	3.01428
Lead	Unfiltered	ND	0.00611	ND	ND	ND	ND	0.00611	0.0164	0.01
	Filtered	ND	ND	ND	ND	ND	ND	0	0	0
Magnesium	Unfiltered	8.42	9.74	9.26	21.1	18.2	28.1	2.58	139	36.711429
	Filtered	6.88	3.96	7.4	21.7	16.7	26.4	1.85	130	35.594286
Manganese	Unfiltered	0.0983	0.326	0.0628	0.0835	0.333	0.0331	0.0331	48	4.0903171
	Filtered	0.0192	0.0184	0.00661	0.0489	0.256	0.0321	0.00661	46.5	4.1003021
Mercury	Unfiltered	ND	ND	ND	ND	0.00033	0.0002	0.000201	0.00136	0.000633
	Filtered	ND	ND	ND	ND	ND	ND	0.000264	0.000882	0.000557
Nickel	Unfiltered	0.00985	0.0297	0.0135	0.00961	0.0135	ND	0.00529	0.113	0.0241583
	Filtered	0.00501	ND	ND	0.00812	0.00792	ND	0.00501	0.107	0.0196554
Potassium	Unfiltered	2.29	3.64	1.84	4.06	4.75	4.71	1.53	47.4	7.012
	Filtered	1.12	0.865	0.947	3.68	2.77	4.85	0.865	47.2	6.3643429
Selenium	Unfiltered	ND	ND	ND	ND	ND	ND	0.00674	0.0434	0.0220522
	Filtered	ND	ND	ND	ND	ND	ND	0.00672	0.0485	0.0237222
Silver	Unfiltered	ND	ND	ND	ND	ND	ND	0	0	0
	Filtered	ND	ND	ND	ND	ND	ND	0	0	0
Sodium	Unfiltered	12.4	8.24	13.5	76.9	16.5	19.9	4.1	558	62.464286
	Filtered	11.8	8.89	12.5	79.8	16.5	19	3.68	545	61.518
Thallium	Unfiltered	ND	ND	ND	ND	ND	ND	0	0	0
	Filtered	ND	ND	ND	ND	ND	ND	0	0	0
Vanadium	Unfiltered	0.0143	0.0328	0.0112	ND	0.0197	ND	0.00762	0.0811	0.0230644
	Filtered	ND	ND	ND	ND	ND	ND	0	0	0
Zinc	Unfiltered	0.0272	0.069	0.0125	0.0238	0.033	ND	0.00511	0.263	0.0320713
	Filtered	0.0106	ND	ND	0.0203	0.0141	ND	0.005	0.138	0.01772

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)	Fall 2011 Water Elevation (ft)	Spring 2012 Water Elevation (ft)	Fall 2012 Water Elevation (ft)	Spring 2013 Water Elevation (ft)	Elevation Change From Fall 2011 (ft)	Fall 2012 Measured Water Elevation From Ground Level (ft)
OB01	415.90	401.80	401.32	398.82	401.06	2.2	14.84
OB02	418.48	400.28	402.93	399.66	402.67	3.0	15.81
OB02A	418.61	400.51	403.16	399.55	402.78	3.2	15.83
OB03	409.86	385.71	388.39	382.35	386.55	4.2	23.31
OB03A	410.06	386.06	388.45	382.34	386.60	4.3	23.46
OB04	364.21	359.21	359.53	358.25	359.36	1.1	4.85
OB04A	365.37	359.82	360.16	358.81	360.01	1.2	5.36
OB06	339.78	328.28	331.60	327.47	330.72	3.3	9.06
OB07	329.49	320.19	323.33	318.40	322.56	4.2	6.93
OB7A	328.44	319.79	323.05	317.94	322.00	4.1	6.44
OB08	325.11	318.31	318.74	317.25	318.16	0.9	6.95
OB08A	325.31	317.91	318.09	316.89	317.82	0.9	7.49
OB10	325.77	318.72	318.99	318.45	319.06	0.6	6.71
OB102	363.17	349.47	351.83	349.74	351.42	1.7	11.75
OB105	363.45	360.25	360.90	359.25	360.35	1.1	3.1
OB11	362.56	353.56	354.41	352.90	354.21	1.3	8.35
OB11A	361.90	353.30	353.67	352.65	353.84	1.2	8.06
OB12	405.01	386.21	388.82	385.34	388.66	3.3	16.35
OB015	410.01	386.81	390.22	386.04	390.43	4.4	19.58
OB025	361.89	353.19	354.17	352.40	355.15	2.8	6.74
MW1B	434.00	385.55	384.34	383.41	382.12	-1.3	51.88
MW2A	445.53	377.68	372.58	374.72	370.74	-4.0	74.79
MW2B	444.45	377.65	372.58	374.87	370.53	-4.3	73.92
MW3A	324.54	315.14	315.30	314.15	315.29	1.1	9.25
MW3B	324.73	313.13	316.57	314.81	316.74	1.9	7.99
MW04	324.75	318.10	318.29	318.10	318.47	0.4	6.28
MW06	417.29	402.24	402.20	399.74	401.98	2.2	15.31
MW07	433.81	388.01	389.27	385.87	388.64	2.8	45.17
MW08	412.66	389.56	392.46	385.36	390.52	5.2	22.14
MW09	417.69	397.39	400.11	396.19	399.45	3.3	18.24
MW10	394.03	385.03	387.79	382.60	386.36	3.8	7.67
MW11A	393.45	376.35	379.52	374.51	379.74	5.2	13.71
MW11B	393.40	376.30	378.34	374.12	377.54	3.4	15.86
MW12	397.55	382.10	384.14	380.20	383.74	3.5	13.81
MW13A	373.37	366.77	367.55	365.71	367.53	1.8	5.84
MW13B	373.35	367.65	368.37	366.66	368.29	1.6	5.06
AVERAGE						**2.1**	

NOTES:
- Elevations are from Sea Level

General Groundwater Flow Direction at Gude Landfall - SPRING 2013