DEPARTMENT OF ENVIRONMENTAL PROTECTION

Isiah Leggett
County Executive

Robert Hoyt
Director

May 27, 2014

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

Dear Mrs. Hynson:

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

This report provides a summary of the results for water quality monitoring performed for the semiannual period from September 2013 to April 2014. In addition to sampling results and analysis for the 20 observation wells and 5 stream locations specified in the approved G&SWM, this report also includes the monitoring results for an additional 16 monitoring wells constructed in 2010 at the site as part of an ongoing Nature and Extent Study being conducted by the County's Department of Environmental Protection - Division of Solid Waste Management in coordination with your Office. To differentiate between the two sets of observation wells; the observation wells installed in 2010 have been designated by the prefix "MW", while the pre-existing (prior to 2010) wells are designated by an "OB".

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

VOLATILE ORGANIC COMPOUNDS:

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

- No VOCs were detected above recommended Maximum Contaminant Level (MCL) in the following monitoring wells and stream locations:
  - **Pre-existing monitoring wells:** OB01, OB02, OB02A, OB04, OB4A, OB06, OB07, OB07A, OB102, OB105, OB15, and OB25.
  - **Monitoring wells installed in 2010:** MW1B, MW2A, MW2B, MW3A, MW3B, MW04, MW06, MW07, MW08, MW10, MW11A, MW11B, and MW12.
  - **Stream Locations:** No VOCs were detected above the recommended MCL in any of the monitored stream locations.
- A total of 35 VOCs exceeded the recommended MCL in the following monitoring wells:
  - **Pre-existing monitoring wells:** OB03 (3 exceedances), OB03A (1 exceedance), OB08 (1 exceedance), OB08A (1 exceedance), OB10 (2 exceedances), OB11 (7 exceedances), OB11A (3 exceedances), and OB12 (5 exceedances).
  - **Monitoring wells installed in 2010:** MW09 (1 exceedance), MW13A (5 exceedances), and MW13B (6 exceedances).

The following include a summary of these 35 VOC concentrations exceeding the recommended MCLs:

- 1,2-Dichloropropane concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB11, OB12, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 5.49 ug/l in OB03 to 7.09 ug/l in OB12.
- Benzene concentration exceeded the MCL of 5 ug/l in observation well OB11 at 5.72 ug/l.
- cis-1-2-Dichloroethene concentration exceeded the MCL of 70 ug/l in observation wells OB11, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 83.5 ug/l in OB13B to 94.2 ug/l in OB13A.
- Dichloromethane concentration exceeded the MCL of 5 ug/l in observation wells OB11, OB12, and MW13B. Concentrations exceeding the MCL for this compound ranged from 5.62 ug/l in MW13B to 10.6 ug/l in OB11.
- Tetrachloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB09, OB11, OB11A, OB12, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 12.8 ug/l in OB11A to 32.3 ug/l in OB11.
- Trichloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB10, OB11, OB11A, OB12, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 12.6 ug/l at OB10 to 29.6 ug/l at OB11.
- Vinyl Chloride concentration exceeded the MCL of 2 ug/l in observation wells OB03, OB03A, OB08, OB08A, OB10, OB11, OB11A, OB12, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 3.53 ug/l in OB08 to 15.2 ug/l in OB10.

METALS AND OTHER PARAMETERS:

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

- A total of 5 metals and other non-organic contaminants exceeded the recommended MCL in the following monitoring locations:
  - **Pre-existing monitoring wells:** OB04A (1 exceedance) and OB11 (two exceedances).
  - **Monitoring wells installed in 2010**: MW08 (1 exceedance), and MW13A (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.

- Cadmium with a recommended MCL of 0.005 mg/l was exceeded in a sample collected from OB11 with 0.011 mg/l concentration.
- Arsenic with a recommended MCL of 0.01 mg/l was exceeded in a sample collected from OB04A with 0.011 mg/l concentration.
- Mercury with a recommended MCL of 0.002 mg/l was exceeded in a sample collected from OB11 with 0.003 mg/l concentration.
- Lead with a recommended MCL of 0.015 mg/l was exceeded in a sample collected from observation well MW13A with 0.017 mg/l concentration. *(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 MW08 with a concentration of 14.55 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 similar 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 2014

Prepared by Montgomery County Department of Environmental Protection

Prepared for Maryland Department of Environment, Solid Waste Program

May 28, 2014

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:

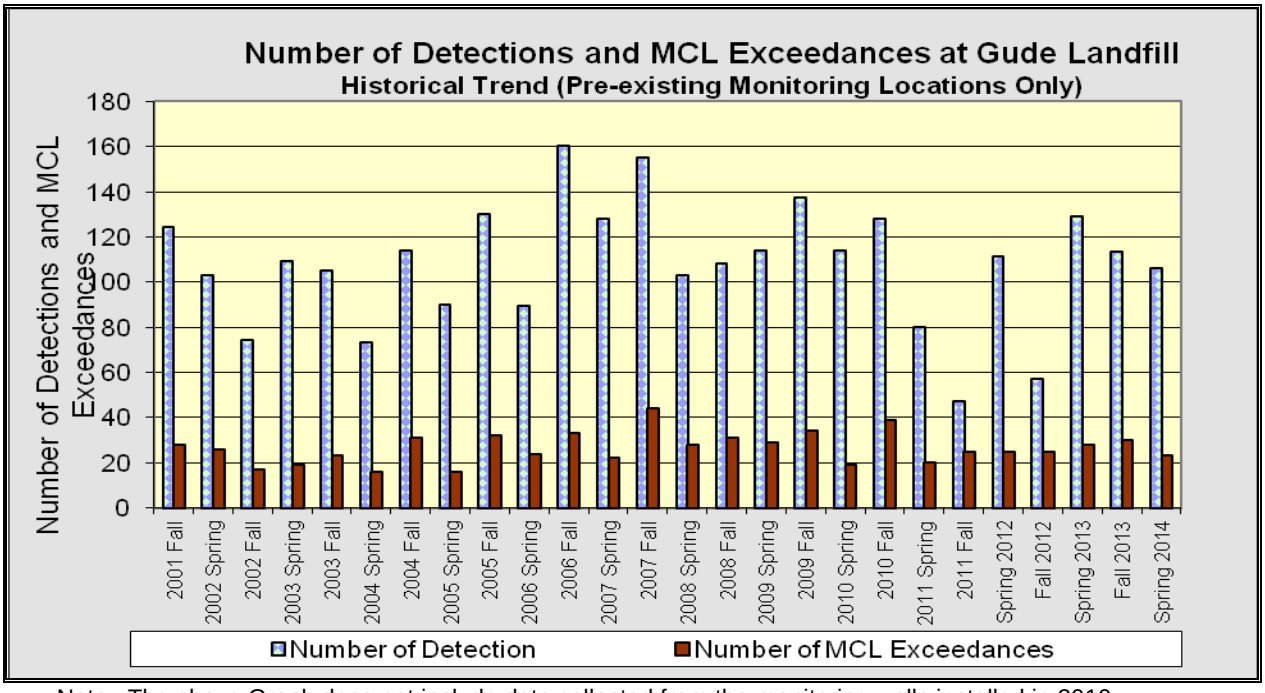
The highlights of the results for this reporting period are listed below. Please note that MCL (Maximum Contaminant Level) is a drinking water standard adopted by the U.S. EPA, its use in this report is as a reference only since this groundwater is not a source of drinking water. Please refer to Table 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, OB4A, OB06, OB07, OB07A, OB102, OB105, OB15, and OB25.
  - **Monitoring wells installed in 2010:** MW1B, MW2A, MW2B, MW3A, MW3B, MW04, MW06, MW07, MW08, MW10, MW11A, MW11B, and MW12.
  - **Stream Locations:** No VOCs were detected above the recommended MCL in any of the monitored stream locations.
- A total of 35 VOCs exceeded the recommended MCL in the following monitoring wells:
  - **Pre-existing monitoring wells:** OB03 (3 exceedances), OB03A (1 exceedance), OB08 (1 exceedance), OB08A (1 exceedance), OB10 (2 exceedances), OB11 (7 exceedances), OB11A (3 exceedances), and OB12 (5 exceedances).

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

The following include a summary of these 35 VOC concentrations exceeding the recommended MCLs:

- 1,2-Dichloropropane concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB11, OB12, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 5.49 ug/l in OB03 to 7.09 ug/l in OB12.
- Benzene concentration exceeded the MCL of 5 ug/l in observation well OB11 at 5.72 ug/l.
- cis-1-2-Dichloroethene concentration exceeded the MCL of 70 ug/l in observation wells OB11, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 83.5 ug/l in OB13B to 94.2 ug/l in OB13A.
- Dichloromethane concentration exceeded the MCL of 5 ug/l in observation wells OB11, OB12, and MW13B. Concentrations exceeding the MCL for this compound ranged from 5.62 ug/l in MW13B to 10.6 ug/l in OB11.
- Tetrachloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB09, OB11, OB11A, OB12, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 12.8 ug/l in OB11A to 32.3 ug/l in OB11.
- Trichloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB10, OB11, OB11A, OB12, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 12.6 ug/l at OB10 to 29.6 ug/l at OB11.
- Vinyl Chloride concentration exceeded the MCL of 2 ug/l in observation wells OB03, OB03A, OB08, OB08A, OB10, OB11, OB11A, OB12, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 3.53 ug/l in OB08 to 15.2 ug/l in OB10.



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

2. Inorganic and Metals Sampling Results:

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

- A total of 5 metals and other non-organic contaminants exceeded the recommended MCL in the following monitoring locations:
  - **Pre-existing monitoring wells:** OB04A (1 exceedance) and OB11 (two exceedances).
  - **Monitoring wells installed in 2010**: MW08 (1 exceedance), and MW13A (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.

- Cadmium with a recommended MCL of 0.005 mg/l was exceeded in a sample collected from OB11 with 0.011 mg/l concentration.
- Arsenic with a recommended MCL of 0.01 mg/l was exceeded in a sample collected from OB04A with 0.011 mg/l concentration.
- Mercury with a recommended MCL of 0.002 mg/l was exceeded in a sample collected from OB11 with 0.003 mg/l concentration.
- Lead with a recommended MCL of 0.015 mg/l was exceeded in a sample collected from observation well MW13A with 0.017 mg/l concentration. *(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 MW08 with a concentration of 14.55 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 similar 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 2.9 ft. from October 2013 to March 2014. Based on the groundwater elevation measurements collected from all (36) monitoring wells around the perimeter of the landfill, it appears that the groundwater flow at Gude Landfill is consistent with the topography of the Landfill itself. The groundwater appears to be flowing outward from the center toward the edges of the landfill. These outward flow directions seem to be more distinct on the southern and eastern portion of the landfill with minor flow components to the north and northeast. In general, the groundwater flow appears to basically follow the direction of surface water around the Gude Landfill.

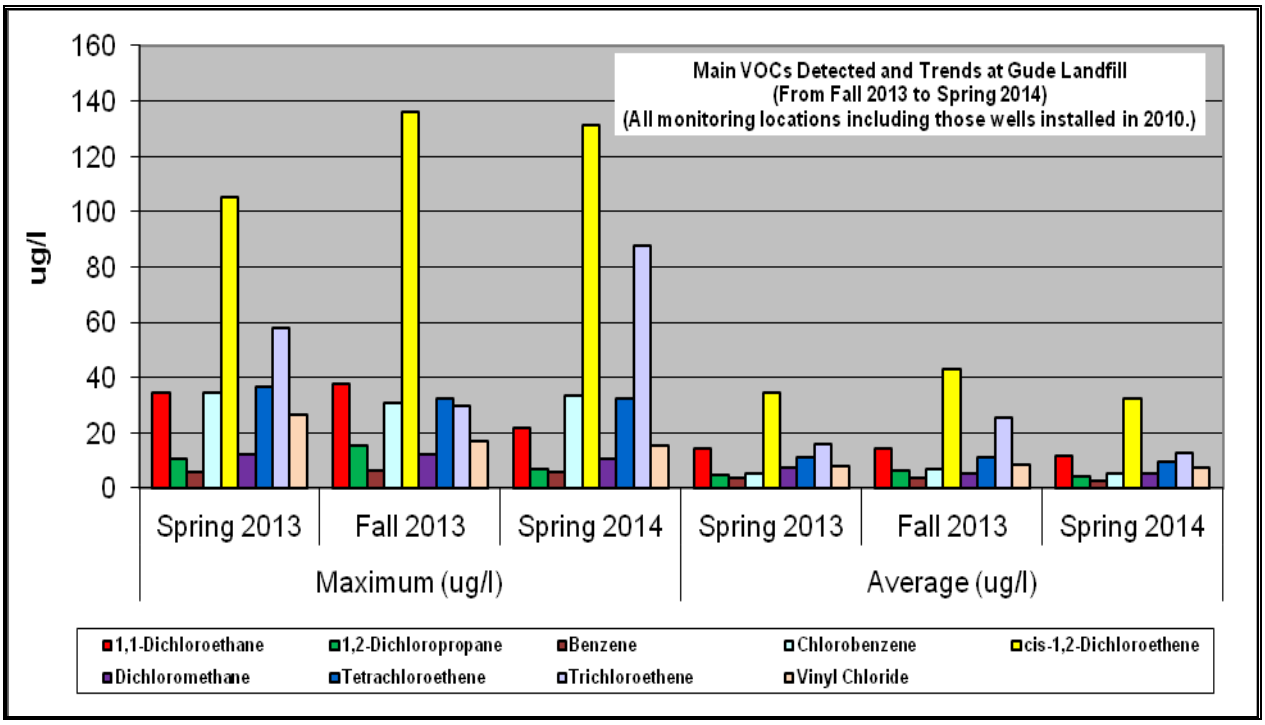
5. Conclusions/Trend Analysis:

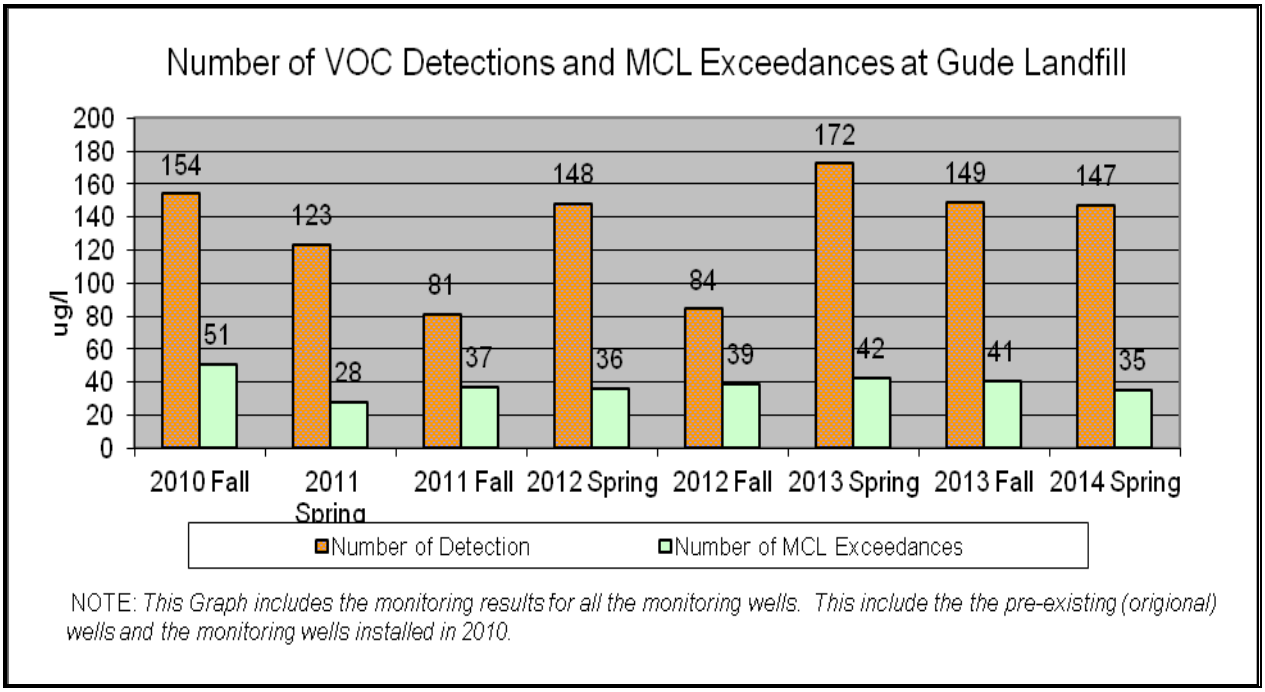
Results obtained from the latest monitoring activities (Spring 2014) are similar and comparable to those collected from prior monitoring results for the past several years. Major findings indicate that:

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

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

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





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.

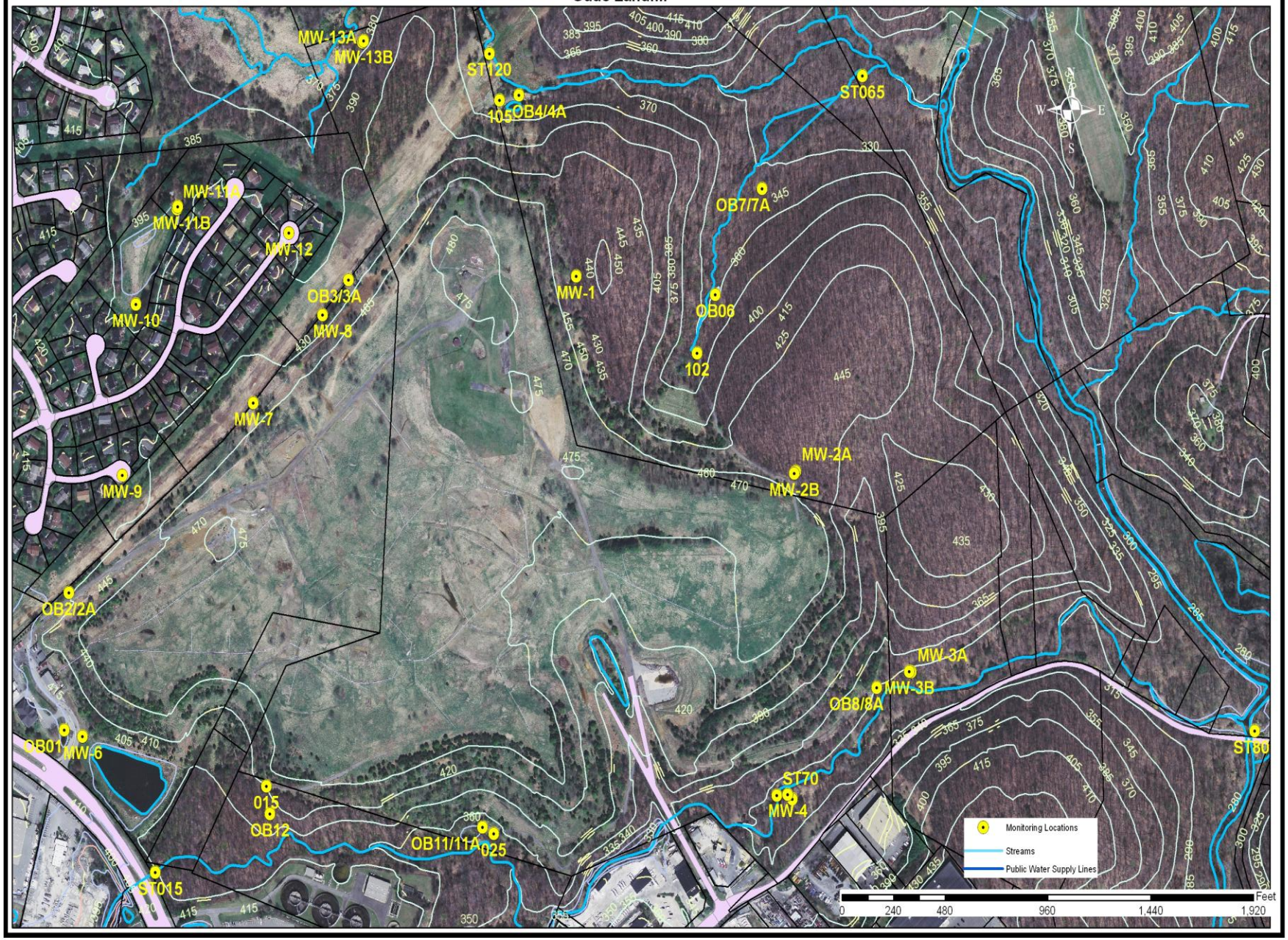
- Groundwater flow around the landfill appears to follow the general topography of the area where the landfill is located and it follows the general surface water flow direction. The overall surface water flow in the area is towards the east and south away from the landfill.
- Most of the detected groundwater 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 10 year time period.
- While some detected VOC concentrations (1,2-Dichloropropane in OB03) appear to be trending upwards, the concentration for other VOC (Tetrachloroethene in OB03) seem to be decreasing over the same period suggesting an ongoing VOC degradation process. Contaminants at Gude Landfill mainly involve chlorinated solvent degradation products including 1,1-Dichloroethane, 1,2-Dichloropropane, cis-1,2-Dichloroethene, Tetrachloroethene, Trichloroethene, and Vinyl Chloride.
- Since April 2001, most of all detections exceeding MCL have occurred in observation wells located on the northern and southern part of the landfill which includes OB11/OB11A located on the south side (front side) of the landfill and observation wells OB03/OB03A and MW13A/MW13B on the north side (back side) of the landfill.

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 2014	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	18	7.46	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	1,2-Dichloroethane	ND	ND	ND	1.87	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	**5.49**	2.25	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	8.08	3.82	5.82	7.07	1.42	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	1.32	ND	1.61	1.57	ND	ND
	Bromochloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	1.8	1.83	1.38	1.25	1.41	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	2.81	ND	ND	54.7	22.9	12.4	16	1.39	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	1.65	2.88	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	1.63	1.35	ND	1.19
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	3.72	1.46	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	**24.2**	4.7	1.38	1.47	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	**8.89**	**4.26**	1.4	1.78	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 2014	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	1.15	3.33	ND	ND	21.6	13.1	21.4
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	3.64	2.09	1.07
	1,2-Dichloropropane	ND	1.65	2.11	2.69	ND	ND	**6.26**	3.9	**7.09**
	1,4-Dichlorobenzene	ND	3.66	4.78	7.07	1.27	3.66	16.9	13.5	7.28
	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	1.76	ND	ND	**5.72**	2.94	3.82
	Bromochloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT
	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	4.87	5.81	2	2.14	ND	33.4	17.6	2.69
	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	2.17	15.9	20.7	29	ND	11.4	**131**	68.5	24.9
	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	**10.6**	ND	**6.3**
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.83	ND	ND	1.75	ND	ND	**32.3**	**12.8**	**20.8**
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	2.61	ND	ND	4.41	2.68	2.81
	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	**12.6**	ND	1.47	**29.6**	**20.1**	**16.7**
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	2.33	ND	1.87
	Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	**3.53**	**4.86**	**15.2**	ND	ND	**14.6**	**11.1**	**5.7**
	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 2014	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	3.84
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	1.51
	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 2014	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	2.03	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	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	1.32	ND	4.99	7.54	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT
	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	1.08	ND	4.94	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	2.5	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	11.2	6.65	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	3.93	ND	1.44	ND	ND	4.64	ND	**16.5**	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	2.37	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	MW11A	MW11B	MW12	MW13A	MW13B
SPRING 2014	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	15.8	13.8
	1,1-Dichloroethene	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	NT	NT	NT	NT	NT
	1,2-Dichloroethane	ND	ND	ND	2.06	2.5
	1,2-Dichloropropane	ND	ND	ND	**6**	**6.96**
	1,4-Dichlorobenzene	ND	ND	ND	6.13	9.56
	2-Butanone	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	2.64	3.61
	Bromochloromethane	NT	NT	NT	NT	NT
	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	1.81	1.98
	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	**94.2**	**83.5**
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	4.88	**5.62**
	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	3.01	ND	**21.7**	**21.1**
	Toluene	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	3.31	3.31
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	**28.3**	**22.9**
	Trichlorofluoromethane	ND	ND	ND	ND	ND
	Vinyl Acetate	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	**8.14**	**8.49**
	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	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	2013-F	2014-S
OB01	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	2.31	1.48	1.09	NS	1.02	1.85	0.75	1.33	ND	ND	ND	ND	1.09	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	NS	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	NS	ND	NT	1	1.48	ND	ND	ND	ND	ND	ND	NT
	1,2-Dichloroethane	ND	ND	ND	ND	NS	ND	ND	0.46	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	1.28	1.04	ND	ND	NS	ND	ND	0.59	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	2.16	1.51	1.78	ND	NS	ND	1.94	2.81	3.19	ND	ND	1.9	ND	1.64	ND	ND
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	NS	ND	ND	0.39	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Bromodichloromethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	1.26	ND	1.21	ND	NS	ND	1.03	1.57	1.43	ND	ND	1.3	ND	1.1	ND	ND
	Chloroethane	ND	ND	ND	ND	NS	ND	ND	0.25	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	NS	ND	ND	0.92	0.74	ND	ND	ND	ND	1.38	ND	ND
	Chloromethane	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	34.18	22.85	25.5	14.78	NS	ND	11.8	ND	7.71	6.6	ND	6.2	ND	6.68	1.9	2.81
	cis-1,3-Dichloropropene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	NS	ND	ND	0.36	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	5.12	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	NS	ND	ND	ND	0.77	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	NS	ND	ND	0.34	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.26	ND	ND	ND	NS	1.2	ND	0.51	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	1.13	ND	1.42	ND	NS	ND	ND	0.67	0.70	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	2.34	1.52	1.44	ND	NS	ND	ND	0.85	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	0.01	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**5.26**	1.42	**4.75**	1.31	NS	ND	ND	**2.77**	**5.09**	ND	ND	1.2	ND	1.3	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	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	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	2013-F	2014-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	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	0.48	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	ND	0.18	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	1.41	1.14	1.19	1.96	1.38	1.15	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	0.01	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	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	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	2013-F	2014-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	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	NT	NT	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	0.33	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	ND	ND	ND	ND	ND	ND	1.5	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	5.96	ND	6.87	9.19	ND	0.65	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	1.57	ND	1.39	1.01	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	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	NT	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2013-F	2014-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	21.95	34.7	44.7	47.23	36.07	48.38	45	13.2	36.40	23	ND	23	34.4	34.3	37.8	18
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	0.71	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	**1.07**	ND	ND	ND	ND	ND	1.52	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	2.1	1.51	2.83	1.82	1.34	ND	NT	0.83	1.92	ND	ND	1.2	ND	1.47	1.57	NT
	1,2-Dichloroethane	3.87	2.95	**5.32**	4.98	4.09	4.81	ND	1.24	3.84	ND	**6**	ND	ND	3.68	2.61	1.87
	1,2-Dichloropropane	**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**	**15.3**	**5.49**
	1,4-Dichlorobenzene	15.05	13.83	16.69	7.97	ND	ND	13.6	11.7	11.30	ND	ND	9.7	16.6	12.4	18.2	8.08
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	ND	0.12	ND	8.1	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	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	**5.38**	1.32
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	NT	NT	ND	ND	ND	3.9	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	3.98	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	2.43	1.8
	Chloroethane	1.49	1.59	ND	1.23	1.19	1.61	1.55	0.79	1.51	ND	ND	ND	ND	1.2	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	ND	ND	ND	ND	ND	ND	5.3	1.7	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	**128.85**	**87.59**	**148.91**	**161.47**	**120.9**	**164.77**	**156**	31.7	**117.00**	38	ND	**71**	**94.9**	**97.1**	**126**	54.7
	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	5.57	ND	2.05	ND	1.71	2.6	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	1.33	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	**22.97**	ND	**27.73**	ND	ND	4.49	ND	ND	**11.00**	ND	**6.2**	ND	ND	2.39	ND	ND
	Toluene	ND	ND	ND	2.46	ND	ND	1.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	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	3.98	3.72
	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	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**112.28**	**76.03**	**108.24**	**132.6**	**107.44**	**130.79**	**131**	**17.4**	**81.60**	**21**	**82**	**47**	**75.6**	**57.9**	**87.4**	**24.2**
	Trichlorofluoromethane	4.34	ND	ND	ND	ND	ND	4.88	ND	ND	ND	8.3	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	0.01	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**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**	**16.8**	**8.89**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	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	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	2013-F	2014-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	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	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	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	32.5	7.46
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	0.57	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	2.11	1.23	2.07	2	1.65	ND	NT	0.42	0.81	ND	ND	ND	ND	ND	ND	NT
	1,2-Dichloroethane	3.59	1.33	**5.52**	**5.07**	4.4	4.1	ND	ND	3.30	ND	3.7	ND	ND	1.47	2.76	ND
	1,2-Dichloropropane	**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	**12.8**	2.25
	1,4-Dichlorobenzene	15.61	16.31	14.76	7.67	ND	ND	12.6	5.92	9.28	ND	ND	6.3	14.1	5.64	16	3.82
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	0.6	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	ND	0.13	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	**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	4.53	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	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	2.78	1.83
	Chloroethane	1.53	1.42	1.63	1.43	1.38	1.69	1.21	0.33	1.31	ND	ND	ND	ND	ND	1.43	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	ND	ND	ND	ND	ND	1.54	ND	1.5	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	**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	**94.8**	22.9
	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	2	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	ND	ND	1.39	1.15	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	**29.4**	ND	**33.23**	1.66	**26.21**	3.67	**7.11**	ND	**17.80**	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	1.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	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	5.83	1.46
	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	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**95.18**	**20.26**	**97.78**	**141.41**	**101.3**	**113.09**	**66.7**	2.71	**19.30**	ND	**56**	**18**	**64.8**	**18**	**64**	4.7
	Trichlorofluoromethane	3.77	ND	ND	ND	ND	ND	3.08	ND	2.47	ND	6.5	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	0.01	ND	NT	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**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**	**12.5**	**4.26**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	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	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	2013-F	2014-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	0.35	ND	22	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	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	0.45	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	NT	0.46	ND	ND	ND	ND	ND	1.01	ND	NT
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	0.52	ND	ND	ND	ND	ND	1.15	ND	ND
	1,4-Dichlorobenzene	5.96	5.53	6.19	ND	ND	ND	6.06	5.92	2.91	ND	ND	5.9	5.7	14.7	5.2	5.82
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	0.41	0.65	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	ND	0.49	11.90	6.6	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	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	1.54	1.61
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	1.11	1.05	1.19	ND	ND	ND	1.09	1.18	0.90	ND	ND	1.4	ND	2.85	ND	1.38
	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	ND	ND	ND	ND	ND	ND	7.5	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	18.58	18.76	20.95	6.45	15.43	18.92	17	16.8	8.32	67	ND	14	12.4	27.7	ND	12.4
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	1.48	1.6	1.42	ND	ND	1.42	1.93	1.72	1.03	**7.7**	ND	ND	ND	3.48	1.73	1.65
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	2.23	1.93	2.07	ND	1.34	1.99	1.25	1.69	0.70	**13**	ND	2	ND	3.93	1.24	1.63
	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	0.45	ND	5.4	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	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	2.19	1.82	2.12	ND	1.4	1.82	1.66	1.51	1.08	**17**	ND	1.6	ND	3.42	1.76	1.38
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.8	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	1.33	1.23	1.7	ND	ND	1.47	1.53	1.26	**2.16**	ND	ND	ND	ND	**3.03**	1.71	1.4
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	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	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	2013-F	2014-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	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	NT	0.47	ND	ND	ND	ND	ND	1.06	ND	NT
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	0.57	0.51	ND	ND	ND	ND	1.33	ND	ND
	1,4-Dichlorobenzene	7.3	6.87	7.42	ND	4.46	ND	7.33	6.97	4.66	ND	ND	7.6	6.94	15.9	6.23	7.07
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	ND	0.78	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	ND	ND	18.60	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	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	1.94	1.57
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	1.08	1.02	1.17	ND	ND	1.07	1.14	1.14	0.87	ND	ND	1.3	ND	2.56	ND	1.25
	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	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	19.4	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	2.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	2.77	3.31	2.67	2.45	ND	2.98	3.38	3.18	3.39	ND	4.4	ND	ND	**6.57**	ND	2.88
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	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	ND	1.35
	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	0.55	ND	ND	2.2	ND	ND	1.22	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	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	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	ND	1.47
	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	0.01	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	1.15	1.06	**2.02**	1.37	1.39	1.65	**2.12**	1.83	**2.78**	ND	ND	ND	ND	**4.37**	**2.26**	1.78
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	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	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	2013-F	2014-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	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	11	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	11	ND	1.44	1.03	ND	ND	1.43	ND	0.93	ND	ND	7	ND	1.66	1.21	1.42
	2-Butanone	ND	NT	ND	NT	NT	NT	ND	0.57	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	NT	ND	NT	NT	NT	ND	0.14	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	0.66	0.56	ND	ND	ND	ND	1.4	1.21	1.41
	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	ND	ND	ND	ND	ND	0.91	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	2.77	NT	2.92	2.31	2.39	2.55	2.12	1.82	1.64	ND	ND	1.6	ND	1.65	ND	1.39
	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.11	1.15	ND	ND	1.01	ND	ND	0.68	ND	ND	ND	ND	ND	1.16	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	0.36	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	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	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	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	2013-F	2014-S
OB07	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	**19**	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	NS	ND	ND	0.54	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	10	ND	ND	ND	NS	ND	NT	0.47	ND	ND	ND	ND	ND	ND	ND	NT
	1,2-Dichloroethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	**5.3**	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	10	ND	ND	ND	NS	ND	ND	0.58	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	**7.9**	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Bromodichloromethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	ND	NS	ND	ND	ND	1.38	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	1.81	ND	ND	ND	NS	1.45	1.63	1.3	1.48	ND	ND	1.7	ND	1.7	1.66	1.7
	cis-1,3-Dichloropropene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.68	ND	ND	ND	NS	1.3	ND	1.23	1.61	ND	**23**	ND	ND	1.52	ND	1.19
	Toluene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	NS	ND	ND	0.49	0.72	ND	**23**	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	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	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	2013-F	2014-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	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	11	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	11	ND	ND	ND	ND	ND	ND	0.23	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	ND	ND	ND	ND	ND	1.20	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	2.6	2.02	2.02	2.09	1.85	3.51	3	1.66	1.80	ND	ND	ND	ND	2.18	1.58	2.17
	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	**5.8**	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	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	2.56	1.59	1.46	1.91	2.12	2.66	1.81	1.94	1.82	2	**23**	2	ND	2.06	1.99	1.83
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND		NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	0.64	0.88	ND	**21**	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	0.01	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	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	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	2013-F	2014-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	1.23	ND	ND	ND	ND	1.2	0.46	0.87	ND	ND	ND	ND	ND	1.38	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	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	0.54	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	NT	0.59	ND	ND	ND	ND	ND	ND	ND	NT
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	0.36	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	1.78	1.59	1.67	ND	ND	1.24	1.16	1.19	0.78	1.2	ND	1.6	ND	ND	1.54	1.65
	1,4-Dichlorobenzene	2.1	3.35	3.16	ND	ND	ND	2.15	2.92	1.84	ND	ND	4	ND	1.01	1.59	3.66
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	2.7	0.21	0.50	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	1.09	ND	ND	ND	ND	ND	ND	0.63	0.66	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	0.24	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	4.81	4.14	4.04	ND	ND	22.02	1.95	3.13	3.31	6.1	ND	5.7	4.41	1.52	4.26	4.87
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	0.41	0.55	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	ND	ND	ND	ND	ND	ND	2.6	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	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	18.4	15.9
	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	NT	NT	NT	ND	0.38	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	ND	ND	ND	0.44	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	1.22	1.11	1.26	ND	ND	ND	ND	0.87	0.66	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	0.42	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	0.02	ND	3.2	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**2.67**	**2.47**	**2.98**	ND	ND	**2.04**	**2.35**	**2.91**	**3.18**	ND	ND	**4**	**3.68**	1.78	**4.41**	**3.53**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	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	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	2013-F	2014-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	1.43	1.05	ND	ND	ND	1.47	0.44	0.97	ND	ND	ND	ND	ND	1.54	1.15
	1,1-Dichloroethene	ND	ND	ND	ND	ND	1.07	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	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	NT	0.32	ND	ND	ND	ND	ND	ND	ND	NT
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	0.38	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	2.53	2.17	2.33	1.22	ND	2.11	2.02	1.47	1.10	ND	ND	2	ND	1.08	3.09	2.11
	1,4-Dichlorobenzene	5.86	4.47	4.75	ND	ND	ND	3.97	3.34	2.83	ND	ND	4.7	4.19	1.14	1.91	4.78
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	1.39	1.23	1.26	ND	ND	1.09	1.03	0.89	0.99	ND	ND	1.1	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	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	5.3	5.81
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	0.47	0.62	1	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	ND	ND	ND	ND	ND	0.89	4	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	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	26.2	20.7
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	ND	ND	ND	0.42	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	1.79	1.45	1.89	ND	ND	1.48	1.37	0.99	0.89	ND	ND	ND	ND	ND	1.98	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	3.72	1.51	2.3	ND	ND	1.52	1.29	0.64	0.51	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	0.01	ND	4	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**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**	**6.38**	**4.86**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	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	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	2013-F	2014-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	ND	2.2	4.99	1.04	1.51	ND	3.49	ND	5.60	ND	ND	ND	4.06	7.23	4.91	3.33
	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	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	11	ND	1.19	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	1.02	ND	NT
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	0.64	ND	ND	ND	ND	1.43	ND	ND
	1,2-Dichloropropane	ND	1.48	4.46	1.55	1.84	ND	2.53	1.26	2.65	ND	ND	2.8	ND	**5.86**	2.36	2.69
	1,4-Dichlorobenzene	11	1.02	6.22	ND	ND	ND	4.84	2.1	5.54	ND	ND	5	7.09	12.9	9.31	7.07
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	1.67	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	2.86	ND	1.1	ND	1.72	0.82	2.04	ND	2.4	1.6	ND	3.49	2.16	1.76
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	0.22	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	1.03	NT	NT	NT	ND	ND	ND	2.3	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	1.01	ND	ND	ND	ND	0.32	0.98	ND	ND	1.2	ND	3.16	1.2	2
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	0.24	0.68	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	ND	ND	ND	ND	ND	ND	6.2	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	13.7	34.09	20.83	9.73	ND	17.9	11.5	24.00	9.6	ND	24	25.6	51.2	33.9	29
	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	2.47	ND	ND	ND	ND	1.03	2.86	1.95	ND	2.3	1.8	ND	3.43	ND	1.75
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	5.04	1.12	1.49	ND	2.39	1.18	3.94	ND	3.9	ND	ND	5.16	2.22	2.61
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	**10.6**	**28.64**	1.31	3.73	ND	**13.3**	**5.27**	**13.40**	ND	**11**	**12**	**14.4**	**25.4**	**17.9**	**12.6**
	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	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	**2.43**	**16.03**	**2.15**	**12.62**	ND	**6.07**	**2.39**	**11.70**	ND	**17**	**9**	**12.5**	**26.6**	**14.4**	**15.2**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	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	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	2013-F	2014-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	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	12	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	12	2.03	ND	1.81	1.43	ND	ND	1.6	1.12	ND	ND	1.4	ND	ND	1.14	1.27
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	ND	ND	0.53	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	0.25	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	1.65	1.74	2.43	1.65	1.41	3.43	2.27	1.7	1.51	ND	ND	2.6	ND	ND	2.14	2.14
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	0.05	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	2.3	2.14	2.5	1.75	1.46	1.54	1.38	1.13	0.65	ND	ND	ND	ND	ND	1.26	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	ND	ND	ND	0.47	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	1.11	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	ND	ND	ND	NT	NT	ND	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
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Location	Parameter	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	2013-F	2014-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	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	0.55	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	2.23	ND	1.46	ND	3.38	0.72	3.32	ND	ND	3.9	4.51	7.03	ND	3.66
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	0.23	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	1.27	ND	31.10	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	0.90	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	0.55	ND	ND	ND	ND	1.24	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	0.89	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	8.03	ND	7.14	ND	11.1	0.97	ND	ND	ND	14	15	24.6	ND	11.4
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	0.77	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	1.25	ND	1.38	ND	2.1	1.4	ND	2.96	ND	1.47
	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	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	**2.04**	ND	ND	ND	1.51	ND	**3.03**	ND	ND	ND	ND	1.66	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	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	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	2013-F	2014-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	1.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	15.9	29.18	29.33	11.14	23	31.01	33.4	20.4	15.10	ND	ND	21	22.4	22.1	21.2	21.6
	1,1-Dichloroethene	ND	ND	ND	ND	ND	0.89	1.03	0.45	0.93	**25**	**30**	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	2.89	2.38	2.42	1.03	1.55	ND	NT	1.75	1.51	3.9	ND	3	ND	2.69	1.41	NT
	1,2-Dichloroethane	3.81	ND	**5.36**	3.16	3.68	4.66	4.72	ND	3.94	2.8	ND	ND	ND	3.66	3.57	3.64
	1,2-Dichloropropane	**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**	**6.5**	**6.26**
	1,4-Dichlorobenzene	13.38	12.63	13.36	2.46	6.43	ND	14.6	9.13	9.85	ND	ND	17	14.8	14.9	13.7	16.9
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	ND	0.95	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	ND	ND	24.60	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	**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**	**6.17**	**5.72**
	Bromochloromethane	1.94	2.25	1.22	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	60.16	56.32	61.28	11.69	35.91	52.75	50	28.3	34.30	52	ND	41	34.5	34.6	31	33.4
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	0.57	ND	17	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	ND	ND	ND	ND	ND	ND	2.3	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	**149.39**	**164.85**	**176.66**	**92.93**	**137.27**	**190.55**	**184**	**123**	**73.60**	ND	ND	**160**	**94.8**	64.16	**135.88**	**131**
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	**42.44**	**42.01**	**35.48**	**9.24**	**19.47**	**28.72**	**30.6**	7.21	**24.20**	**16**	**18**	**12**	**13**	**12.3**	**12**	**10.6**
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	2.2	ND	6.41	2.67	ND	1.65	5.6	ND	2.6	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	**65.48**	**62**	**60.22**	**32.4**	**52.48**	**67.92**	**43.9**	**35.6**	**19.60**	**26**	**44**	**47**	**40.1**	**36.9**	**32.2**	**32.3**
	Toluene	ND	ND	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	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	4.94	4.41
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**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**	**34.6**	**29.6**
	Trichlorofluoromethane	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	2.04	2.33
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	0.25	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**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**	**14**	**14.6**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	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	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	2013-F	2014-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	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	16.4	13.1
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	1.07	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.8**	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	1.84	1.29	1.88	2.45	2.05	ND	NT	1.67	1.10	2.8	ND	2.1	ND	1.87	2.05	NT
	1,2-Dichloroethane	2.36	ND	**5.76**	**5.34**	4.48	3.6	ND	2.7	1.88	ND	ND	ND	ND	2.48	3.56	2.09
	1,2-Dichloropropane	**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	3.75	3.9
	1,4-Dichlorobenzene	9.1	8.58	15.32	11.24	12.3	ND	15.2	13.4	9.32	ND	ND	15	13.7	13.8	15	13.5
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	ND	0.12	22.80	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	**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	4.13	2.94
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	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	21.1	17.6
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	0.39	0.89	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	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	**100.04**	**86.72**	**189.64**	**189.43**	**173.52**	**148.44**	**168**	**113**	**81.60**	**76**	ND	**100**	**89**	**78.6**	**96.5**	68.5
	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	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	1.11	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	4.33	ND	5.76	2.49	ND	2.00	3.8	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	**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**	**19.7**	**12.8**
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	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	3.91	2.68
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**34.14**	**24.25**	**53.8**	**50.9**	**45.34**	**39.05**	**42.4**	**26.1**	**21.60**	**17**	ND	**28**	**24.7**	**24**	**28.8**	**20.1**
	Trichlorofluoromethane	1.24	1.04	3.79	2.9	2.1	2.09	2.14	1.26	2.53	2.9	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	0.27	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**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**	**14.9**	**11.1**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
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Location	Parameter	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	2013-F	2014-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	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	15.1	21.4
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	0.54	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	11	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	1,2-Dichloroethane	ND	ND	1.59	ND	1.08	ND	ND	0.63	1.17	ND	ND	ND	ND	1.07	ND	1.07
	1,2-Dichloropropane	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**	**8.07**	**7.09**
	1,4-Dichlorobenzene	11	1.5	3.77	ND	2.82	ND	4.18	2.83	4.51	ND	ND	5.4	6.4	6.13	4.3	7.28
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	ND	0.59	0.70	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	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	3.27	3.82
	Bromochloromethane	1.29	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	1.21	0.92	1.46	ND	ND	2.1	ND	2.27	1.23	2.69
	Chloroethane	1.03	ND	ND	ND	2.5	2.61	1.39	0.87	1.64	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	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	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	30.6	24.9
	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	**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**	ND	**6.3**
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	ND	ND	ND	ND	0.85	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	**21.98**	ND	**23.67**	**16.57**	**21.49**	**7.95**	**15.4**	**20**	**17.10**	**12**	1.8	**22**	**26.5**	**22.3**	**14.4**	**20.8**
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	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	2.09	2.81
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**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**	**16**	**16.7**
	Trichlorofluoromethane	2.26	ND	3.46	1.91	1.78	ND	2.42	1.8	3.80	4.5	ND	2.2	ND	2.17	1.74	1.87
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	0.01	ND	6.6	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**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**	**2.95**	**5.7**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	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	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	2013-F	2014-S
OB15	1,1,1,2-Tetrachloroethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	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	3.73	ND
	1,1-Dichloroethene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	11	ND	NS	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	1,2-Dichloroethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	11	ND	NS	ND	ND	ND	ND	0.28	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	6.45	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NS	NT	NT	NT	ND	0.61	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	NS	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Bromodichloromethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	3.6	ND	ND	ND	ND
	Chloroethane	ND	ND	NS	ND	ND	ND	ND	0.05	0.98	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	1.28	NS	1.1	1.51	1.17	1.51	1.18	1.02	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NS	Nt	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	NS	ND	ND	ND	ND	0.48	0.54	ND	ND	1.1	ND	ND	ND	ND
	Toluene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	NS	ND	ND	ND	ND	0.39	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	1.75	1.16	NS	ND	ND	ND	ND	2.31	1.23	1.1	ND	2.2	ND	1.18	2.11	ND
	Trichlorofluoromethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NS	NT	NT	NT	NT	0.01	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**11.66**	**18.4**	NS	**6.29**	**9.17**	**2.78**	**3.92**	**3.55**	**10.20**	ND	ND	1.9	ND	ND	1.87	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	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	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	2013-F	2014-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	1.13	0.63	1.11	ND	ND	ND	ND	ND	2.16	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	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	**143**	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	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	0.23	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	1.38	ND	ND	ND	3.16	0.71	3.80	ND	ND	3.7	3.3	ND	6.84	ND
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	0.45	0.87	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	ND	0.82	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	2.11	ND	ND	ND	ND	ND	1.43	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	1.58	ND	1.07	ND	1.93	0.47	4.50	ND	ND	ND	ND	ND	7.75	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	0.17	0.69	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	2.56	6.07	4.38	6.23	4.12	7.5	4.52	6.82	ND	ND	4.9	9.55	ND	19.5	ND
	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	1.44	ND	ND	ND	ND	ND	0.86	ND	ND	3.8	ND	1.4	3.92	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	1.04	2.43	1.21	ND	ND	1.66	0.81	2.24	ND	ND	2.1	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	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	**2.15**	ND	**5.29**	ND	**4.29**	ND	**2.61**	0.38	**4.04**	ND	ND	ND	ND	ND	**3.47**	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	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	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	2013-F	2014-S
ST015	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	3.65	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	10	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	1,2-Dichloroethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	10	ND	ND	ND	NS	ND	ND	0.27	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	NT	NS	NT	ND	ND	0.56	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NS	NT	ND	0.27	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	1.11	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Bromodichloromethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	NS	ND	ND	0.78	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	1.15	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	1.45	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	3.64	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	5.94	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	1.4	ND	1.1	NS	2.2	ND	1.38	ND	ND	ND	ND	ND	1.5	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NS	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	NT

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

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Location	Parameter	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	2013-F	2014-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	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	0.22	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	0.21	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	NT	ND	ND	ND	1.8	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	ND	ND	ND	ND	ND	0.87	4.9	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	2.52	ND	2.99	1.22	ND	1.15	1.54	0.57	1.26	ND	ND	ND	ND	1.3	2.26	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.65	ND	1.56	ND	ND	ND	ND	ND	1.10	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	1.33	ND	1.4	ND	ND	ND	ND	0.27	0.90	ND	ND	ND	ND	ND	1.01	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	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	ND	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	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	2013-F	2014-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	1.13	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	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	11	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	1.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	11	ND	ND	ND	ND	ND	ND	0.17	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	1.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	0.23	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	ND	ND	ND	ND	ND	0.81	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	9.43	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	**7.13**	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	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	1.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	3.6	NT	NT	ND	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	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	2013-F	2014-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	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	10	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	10	ND	ND	ND	ND	ND	ND	0.19	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	0.28	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	1.04	ND	1.17	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	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	3.82	ND	7.27	1.19	4.27	1.04	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	2.2	NT	NT	ND	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	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	2013-F	2014-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	NT	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	10	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	NT	NT	NT	ND	0.69	1.49	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	1.6	NT	NT	ND	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	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	2013-F	2014-S
MW1B	1,1,1,2-Tetrachloroethane									NT	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane									NT	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane									NT	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane									NT	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane									NT	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene									NT	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane									NT	ND	ND	ND	ND	NT	ND	ND
	1,2-Dibromo-3-chloropropan									NT	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane									NT	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene									NT	ND	ND	ND	ND	ND	ND	NT
	1,2-Dichloroethane									NT	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane									NT	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene									NT	ND	ND	ND	ND	ND	ND	ND
	2-Butanone									NT	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone									NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone									NT	ND	ND	ND	ND	ND	ND	ND
	Acetone									NT	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile									NT	ND	ND	ND	ND	ND	ND	ND
	Benzene									NT	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane									NT	ND	ND	ND	ND	ND	ND	NT
	Bromodichloromethane									NT	ND	ND	ND	ND	ND	ND	ND
	Bromoform									NT	ND	ND	ND	ND	ND	ND	ND
	Bromomethane									NT	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide									NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride									NT	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene									NT	ND	ND	ND	ND	ND	ND	ND
	Chloroethane									NT	ND	ND	ND	ND	ND	ND	ND
	Chloroform									NT	ND	ND	ND	ND	ND	ND	ND
	Chloromethane									NT	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene									NT	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene									NT	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane									NT	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane									NT	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane									NT	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene									NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide									NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether									NT	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene									NT	NT	NT	NT	ND	ND	ND	ND
	para-Xylene & meta-Xylene									NT	NT	NT	NT	ND	ND	ND	ND
	Styrene									NT	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene									NT	ND	ND	ND	ND	ND	ND	ND
	Toluene									NT	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene									NT	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene									NT	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten									NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene									NT	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane									NT	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate									NT	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride									NT	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)									NT	ND	ND	ND	NT	NT	ND	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

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

TABLE 2: Volatile Organic Compounds - Historical Results

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

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

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

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

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

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

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

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

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

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

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

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

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

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

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

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

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

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

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

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

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

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

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

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

NEW MONITORING WELL
Sampling Started in Fall 2010

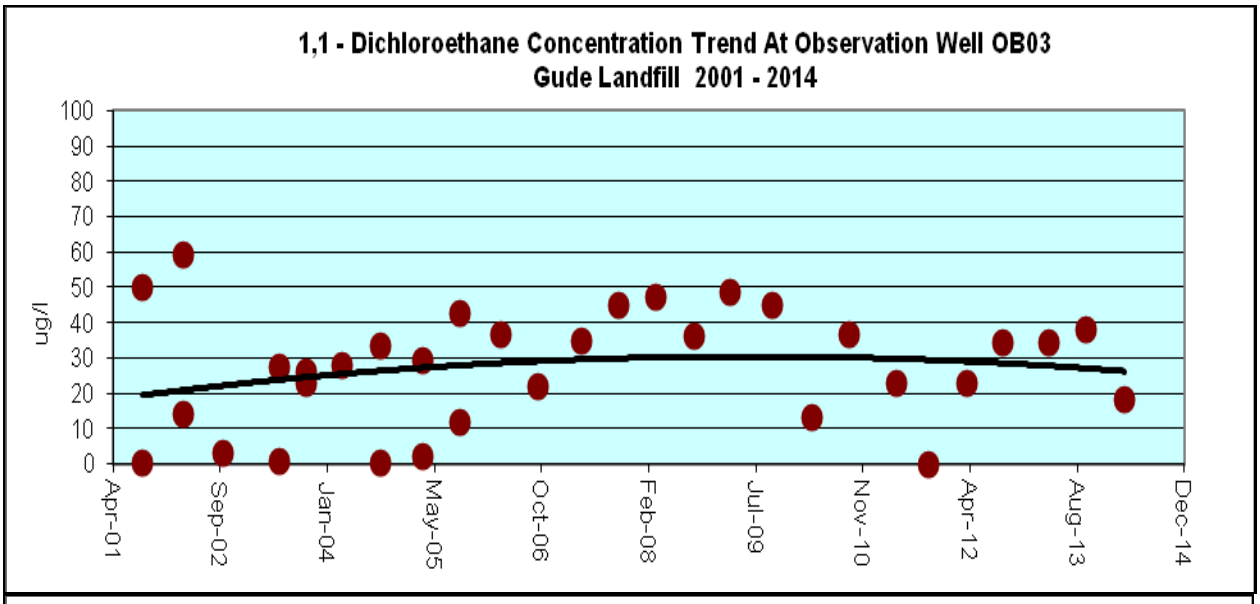
NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

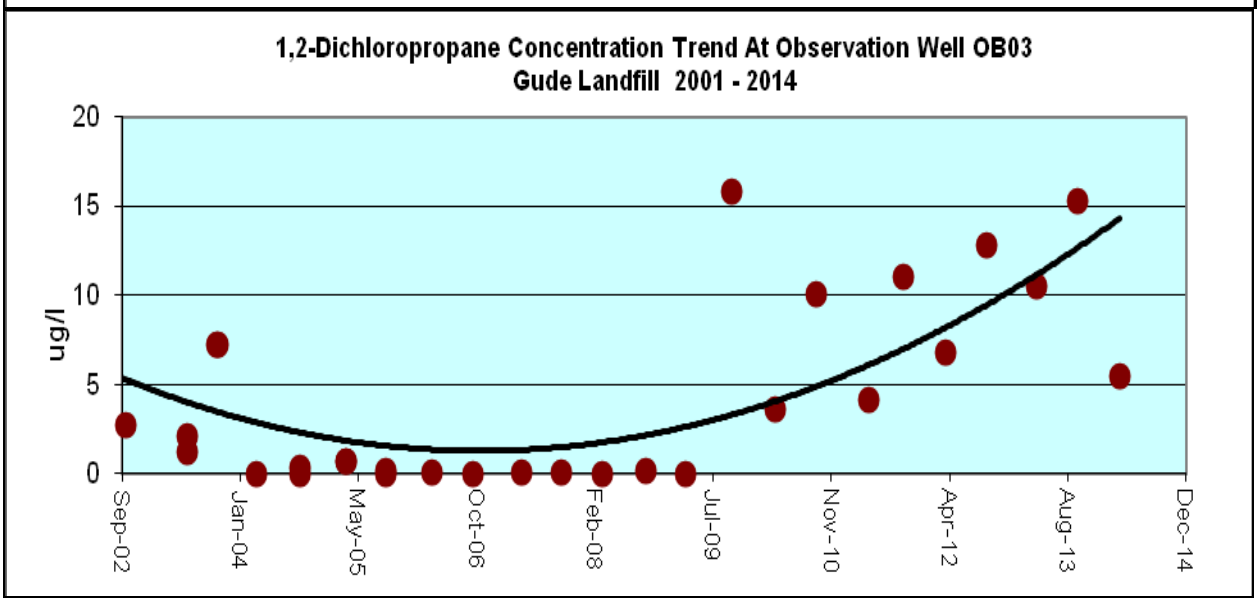
Appendix C

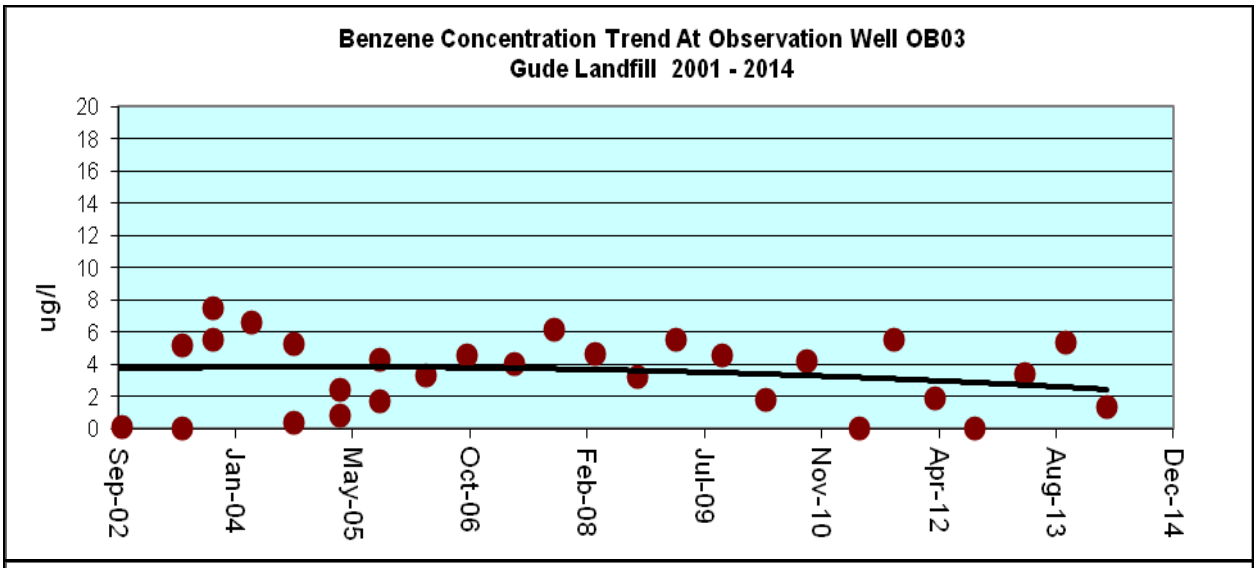
Volatile Organic Compounds

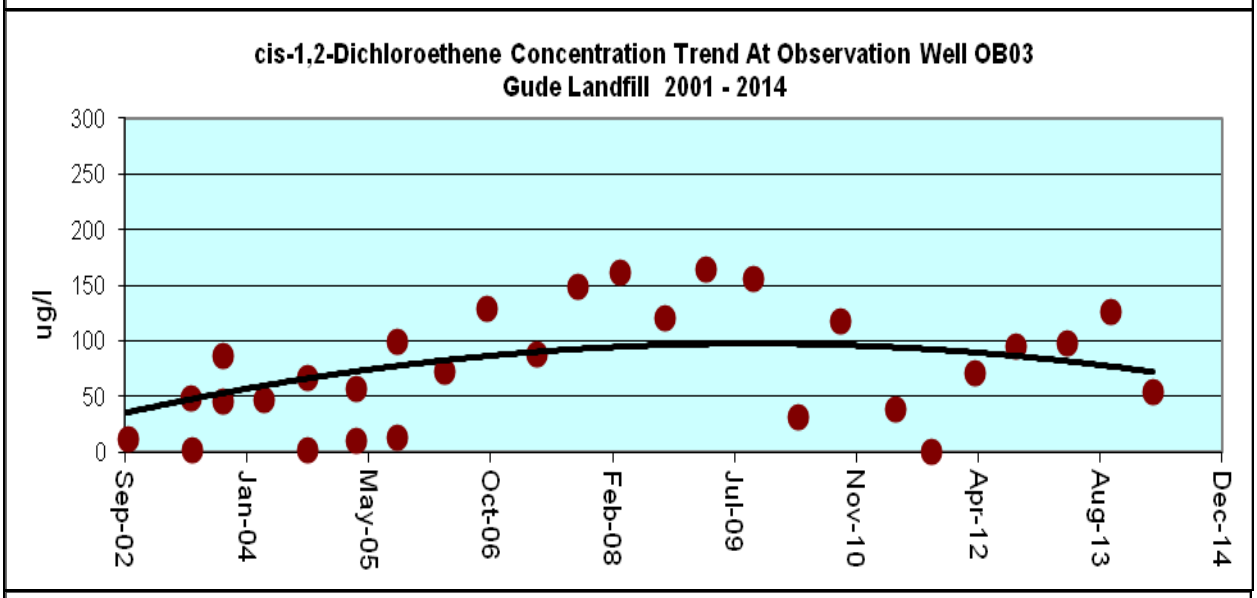
Trend Analysis

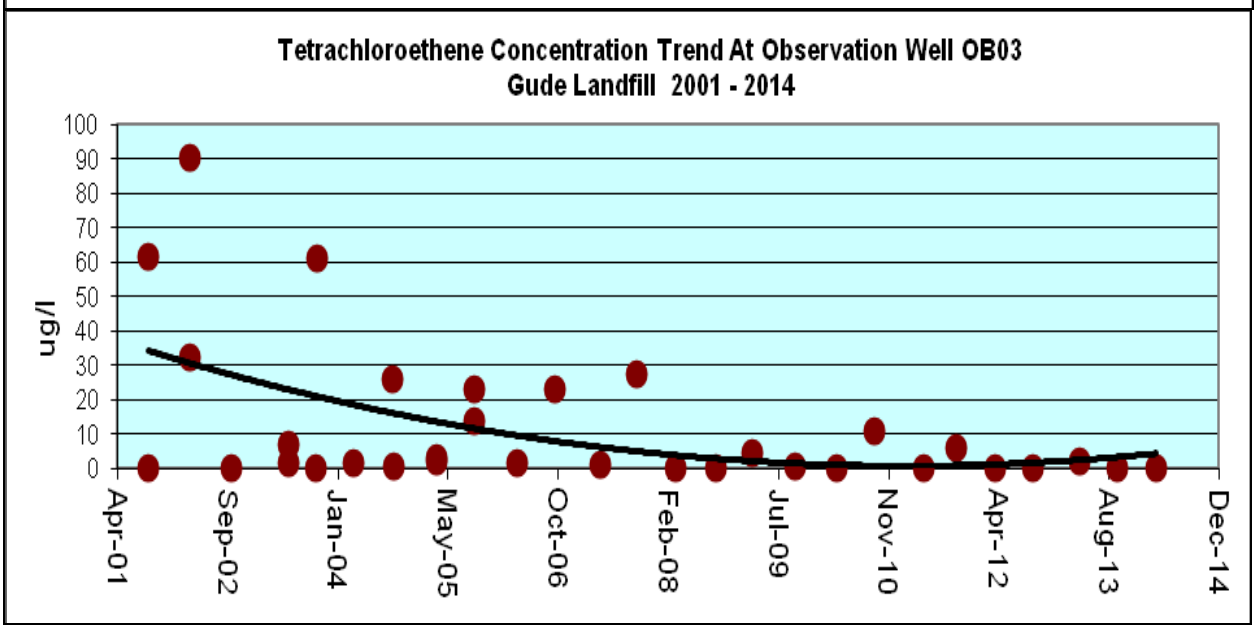
The following graphs provide Historical Trend Analysis for those VOC compounds that are consistently detected at specific monitoring locations. These historical trend analyses do not include the monitoring locations installed in 2010.
(Please refer to Tables 1 and 2 for additional information.)

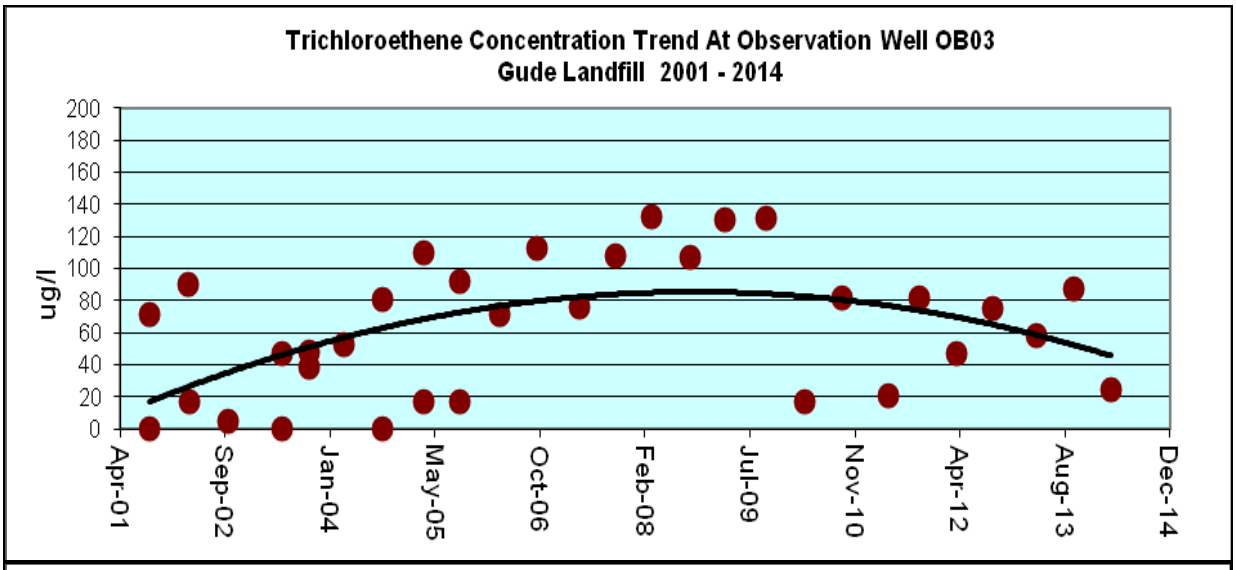


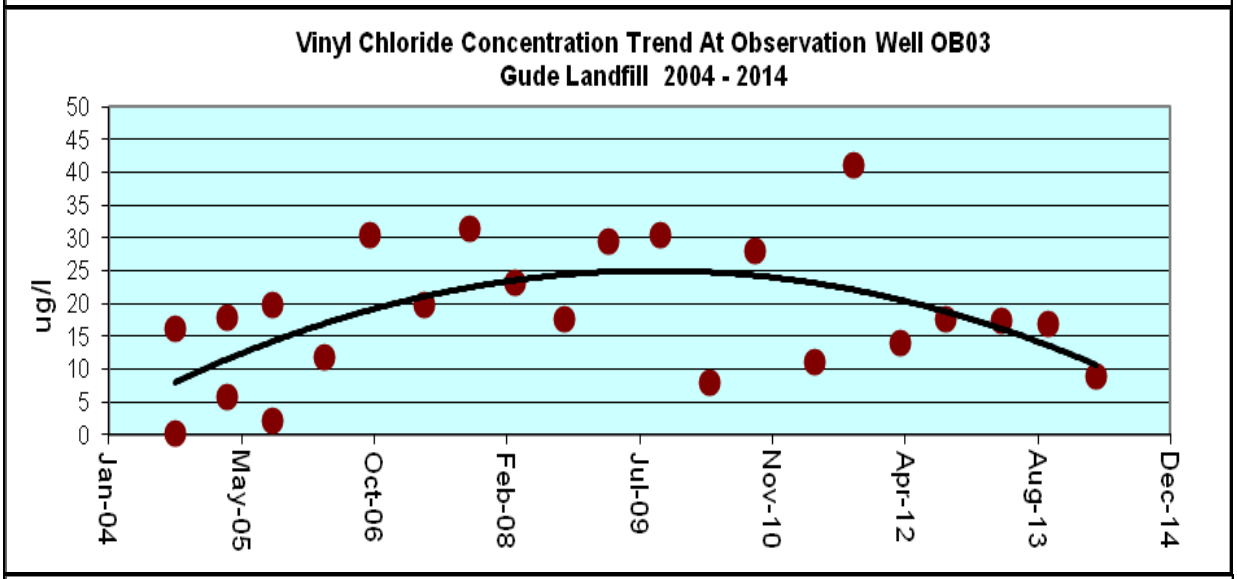


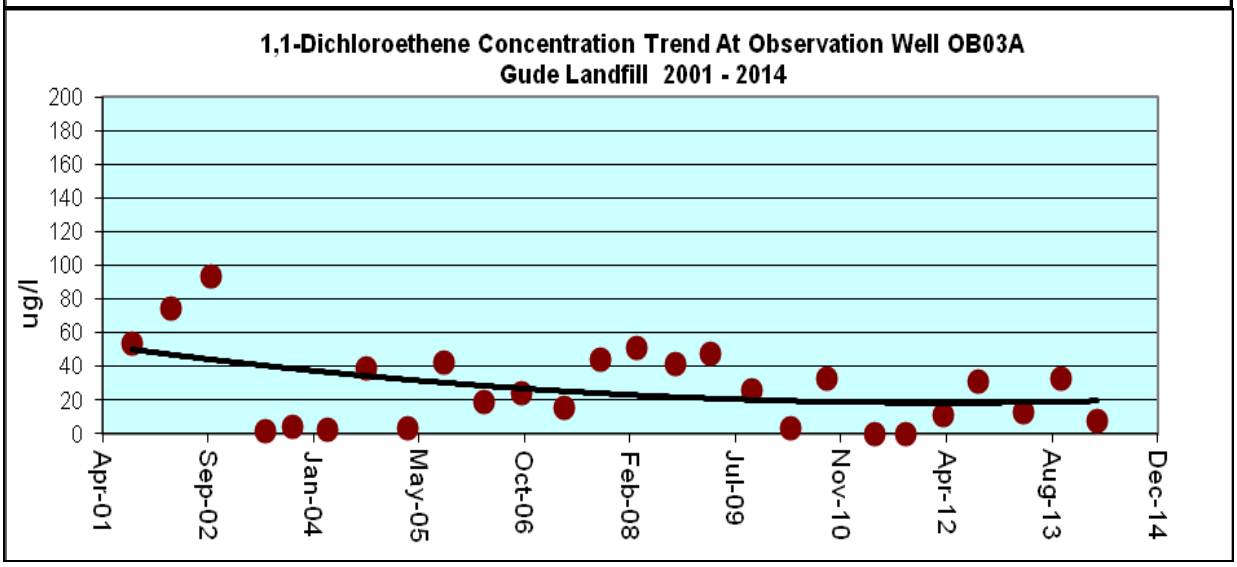

Benzene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2014
ug/l
20
18
16
14
12
10
8
6
4
2
0
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

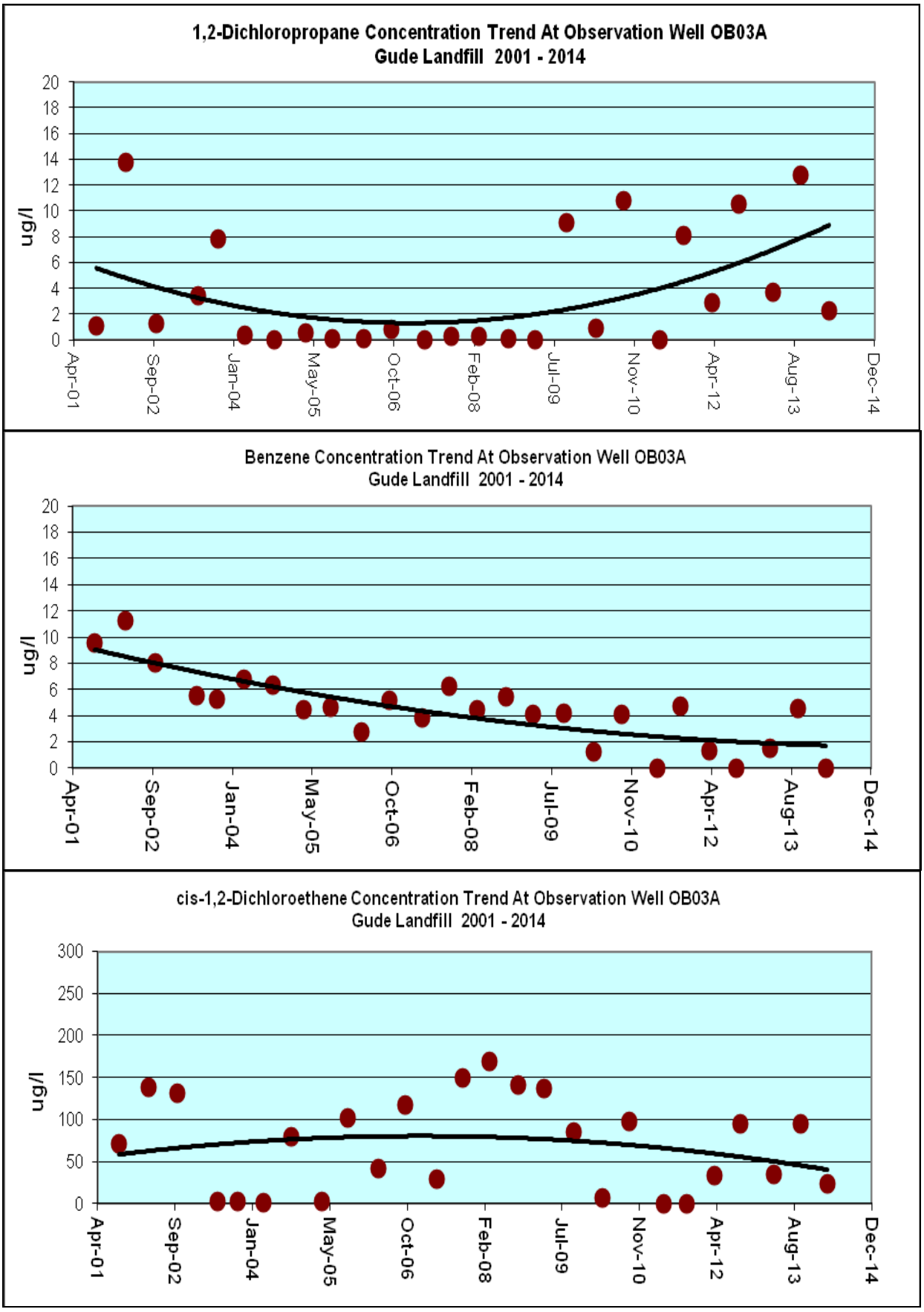

cis-1,2-Dichloroethene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2014
ug/l
300
250
200
150
100
50
0
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

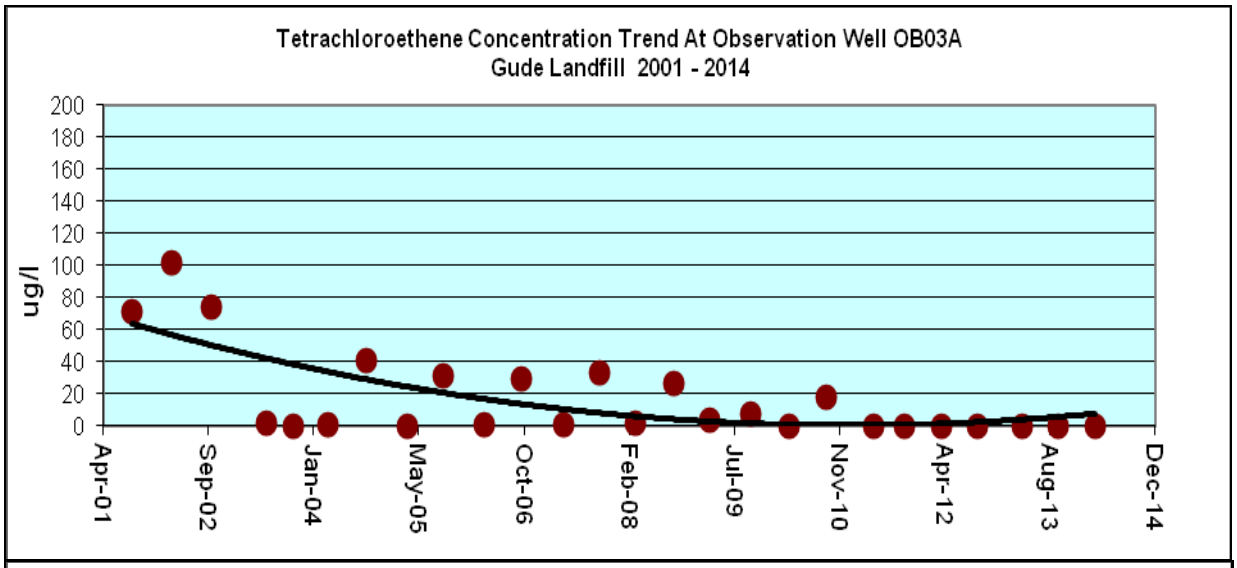

Tetrachloroethene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2014
ug/l
100
90
80
70
60
50
40
30
20
10
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

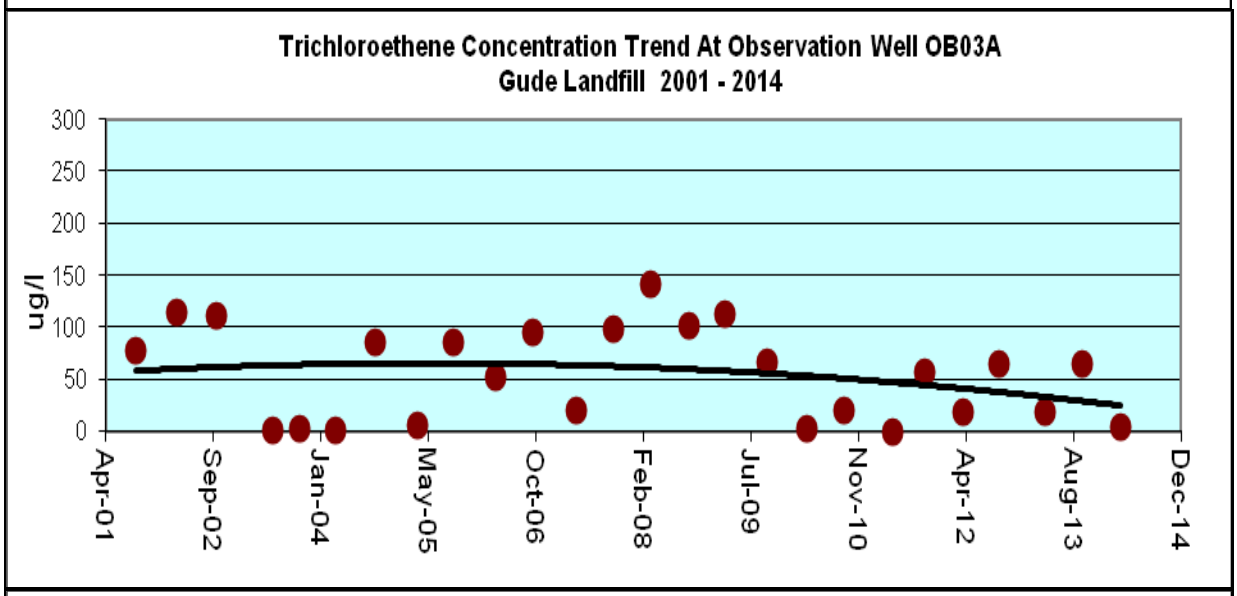

Trichloroethene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2014
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

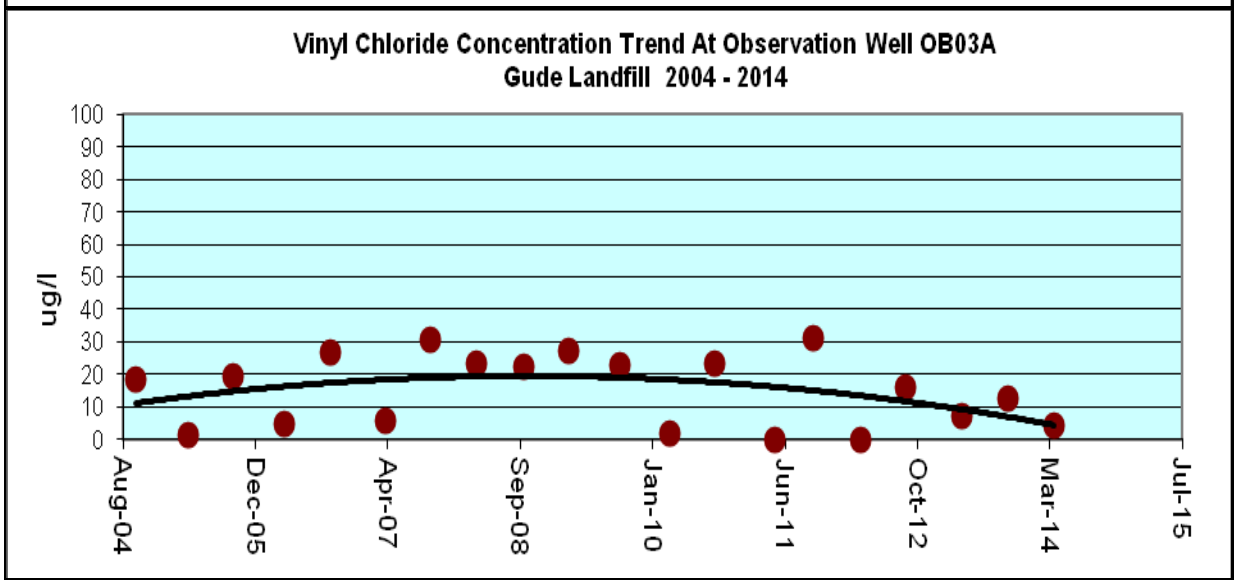

Vinyl Chloride Concentration Trend At Observation Well OB03
Gude Landfill 2004 - 2014
ug/l
50
45
40
35
30
25
20
15
10
5
0
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

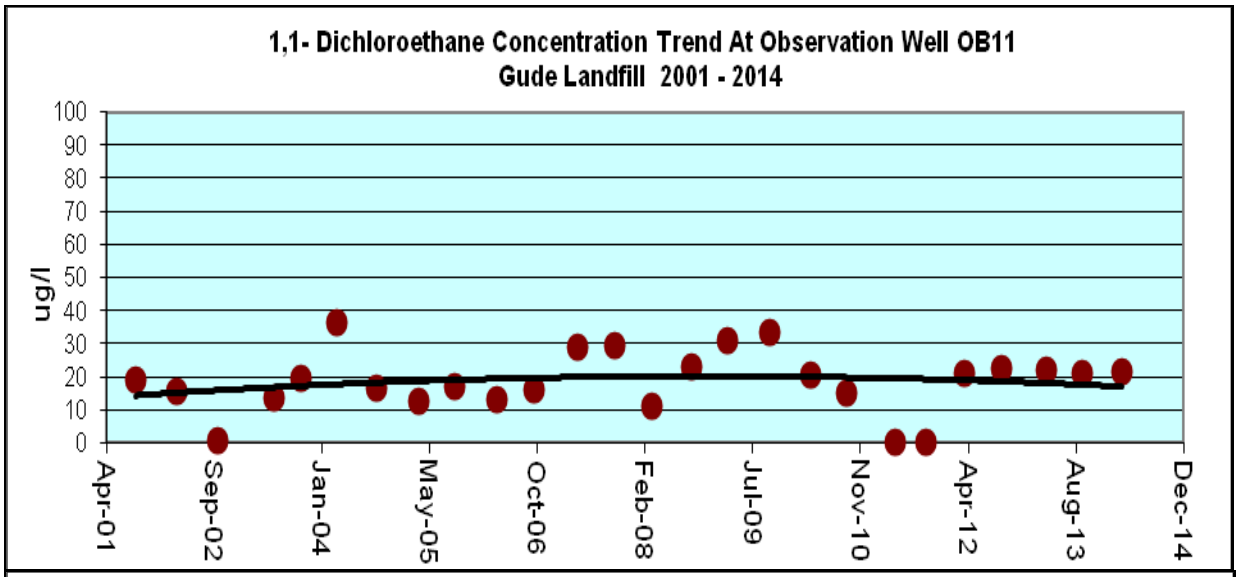

1,1-Dichloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2014
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

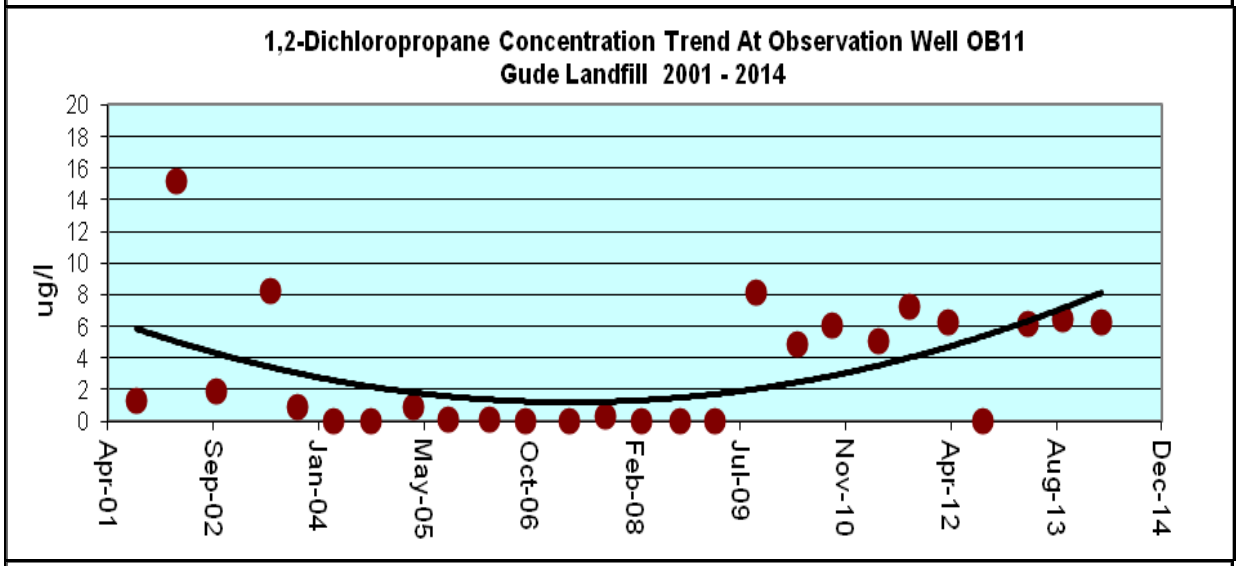

1,2-Dichloropropane Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2014
ug/l
0
2
4
6
8
10
12
14
16
18
20
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14
Benzene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2014
ug/l
0
2
4
6
8
10
12
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
cis-1,2-Dichloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2014
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

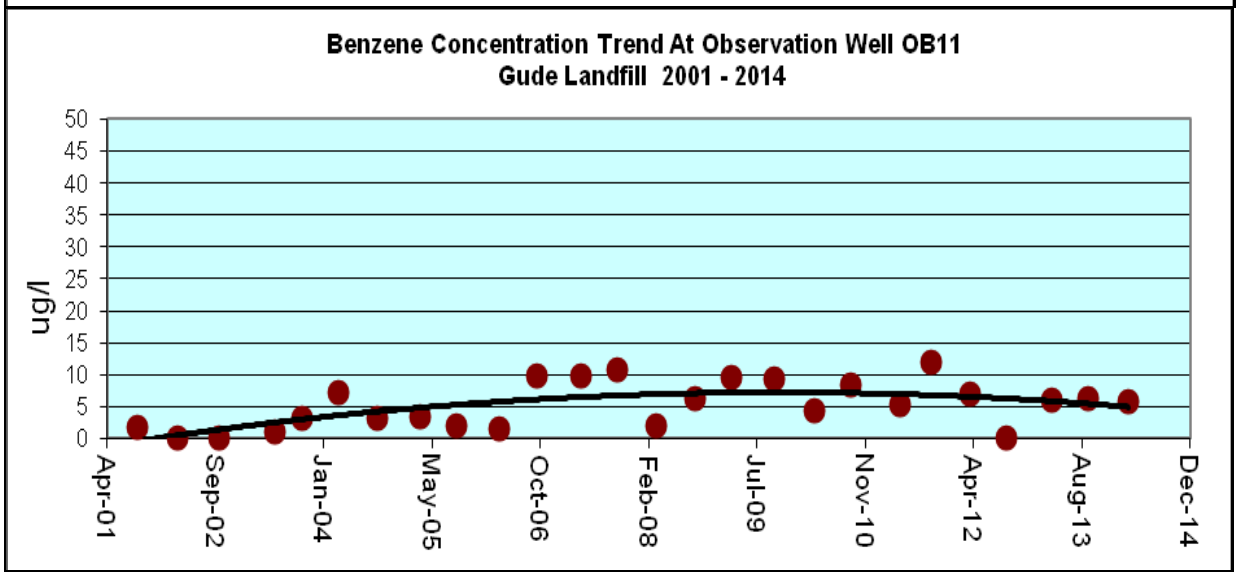

Tetrachloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2014
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

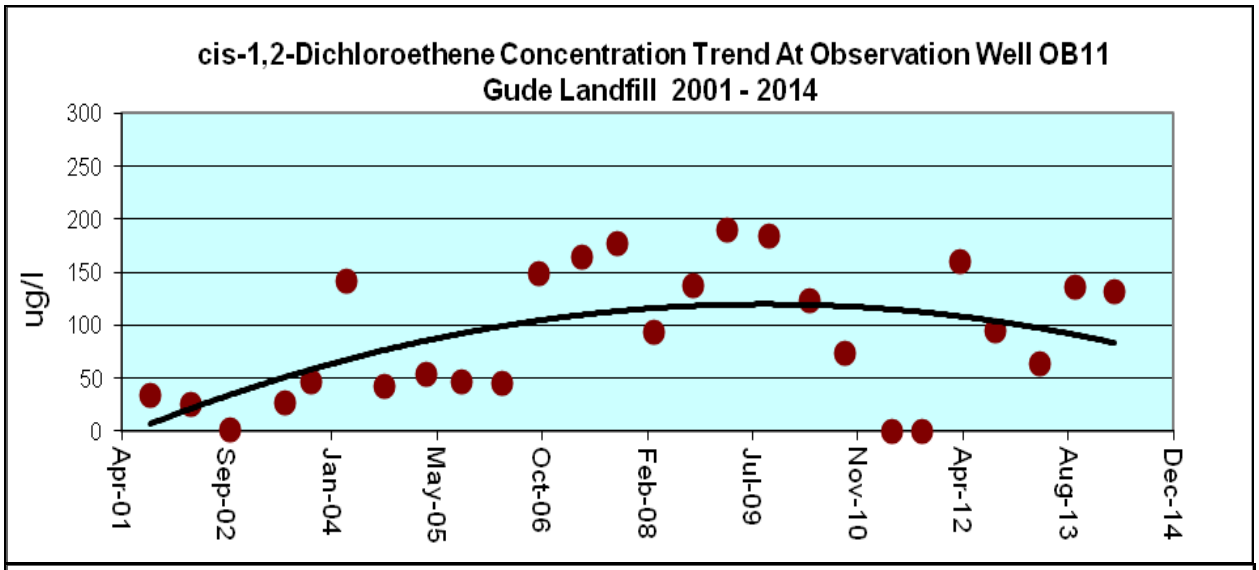

Trichloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2014
ug/l
300
250
200
150
100
50
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

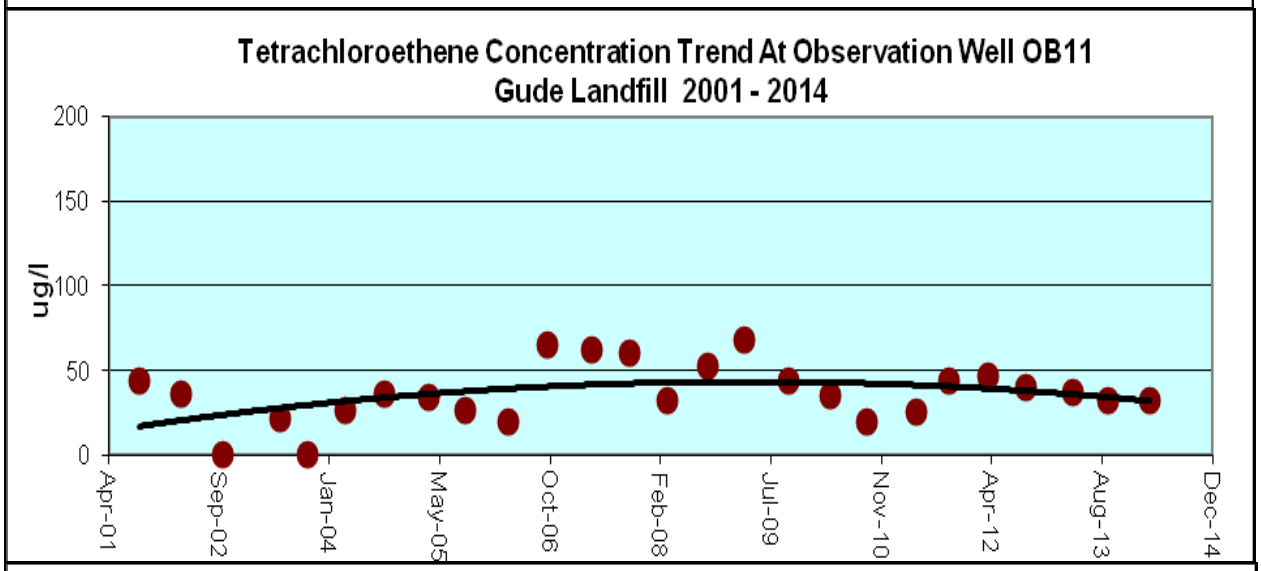

Vinyl Chloride Concentration Trend At Observation Well OB03A
Gude Landfill 2004 - 2014
ug/l
100
90
80
70
60
50
40
30
20
10
0
Aug-04
Dec-05
Apr-07
Sep-08
Jan-10
Jun-11
Oct-12
Mar-14
Jul-15

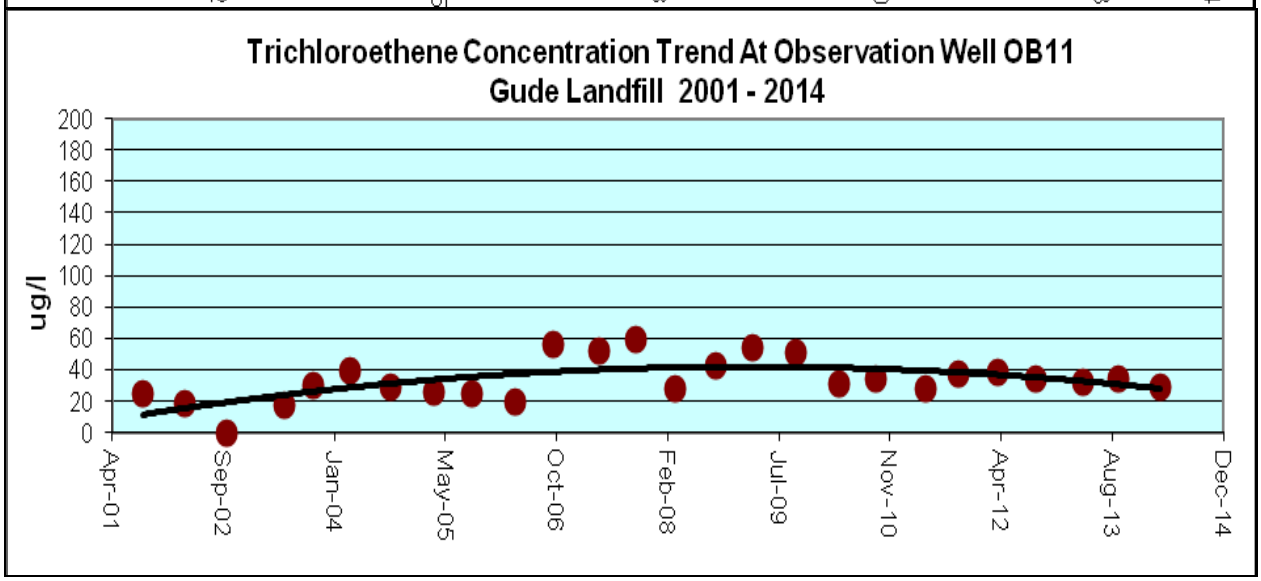

1,1- Dichloroethane Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2014
ug/l
100
90
80
70
60
50
40
30
20
10
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

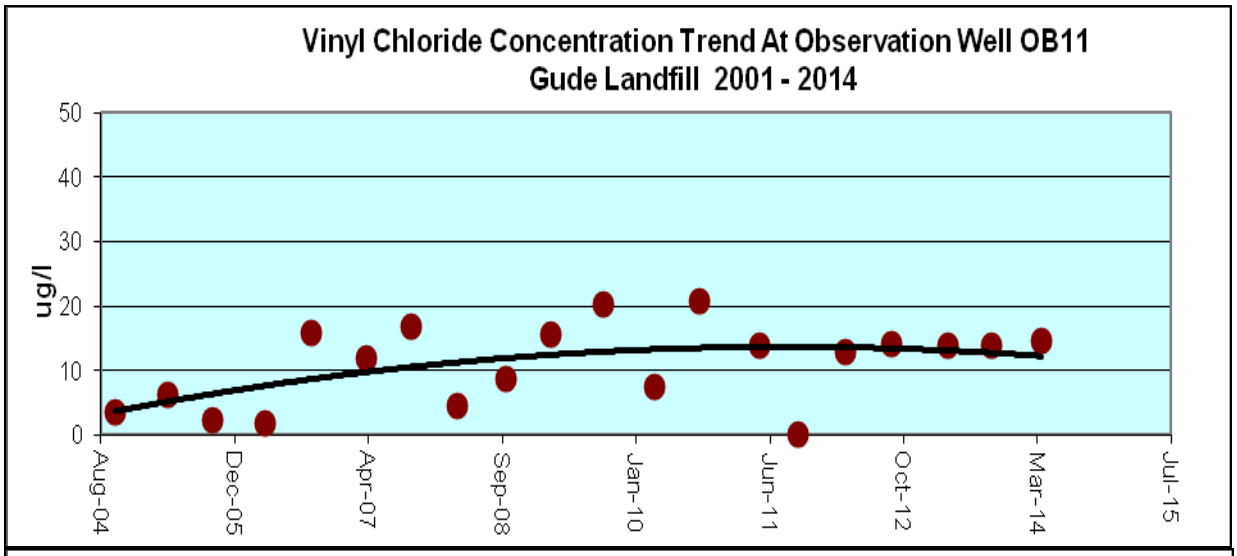

1,2-Dichloropropane Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2014
ug/l
20
18
16
14
12
10
8
6
4
2
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

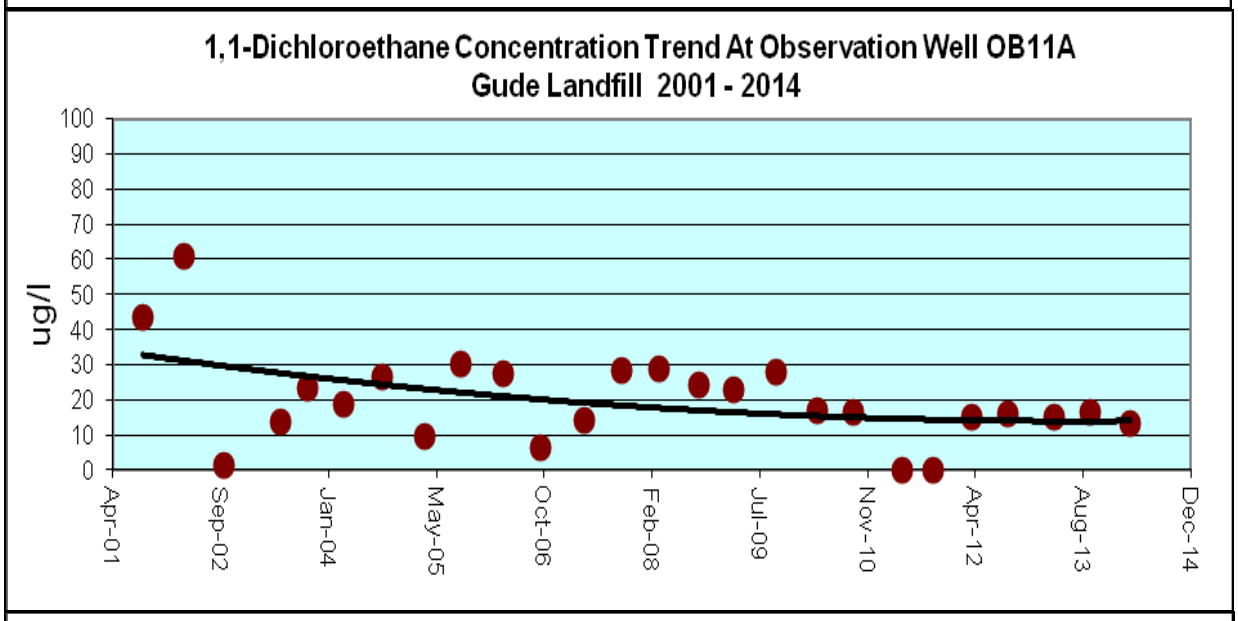

Benzene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2014
ug/l
50
45
40
35
30
25
20
15
10
5
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

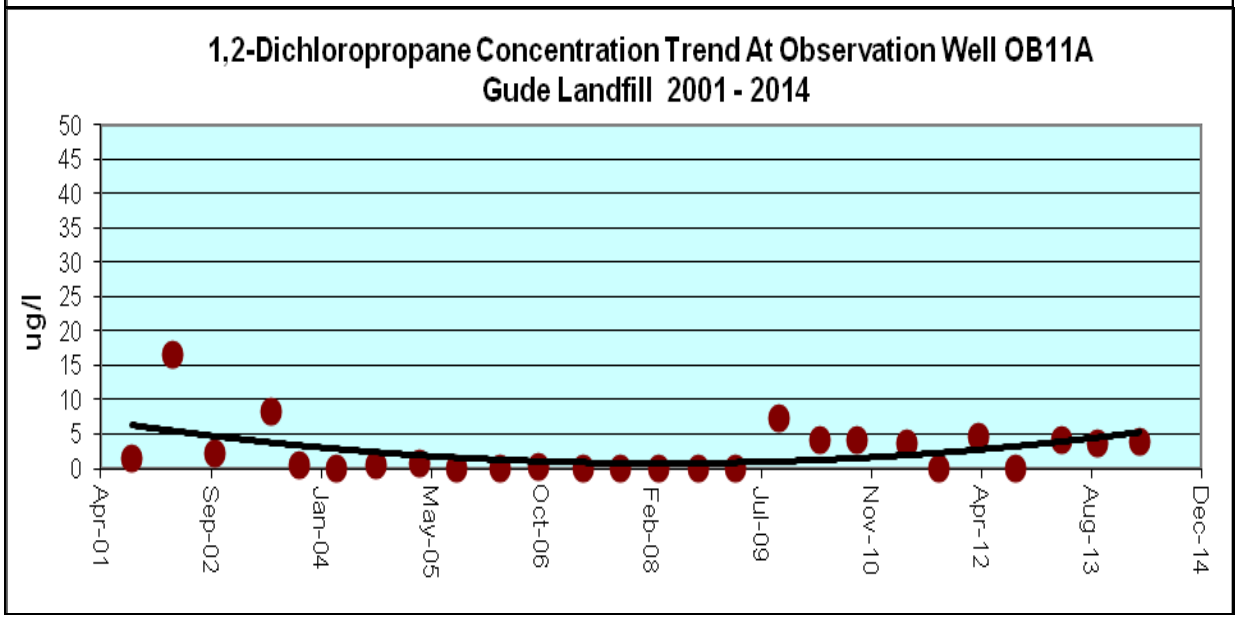

cis-1,2-Dichloroethene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2014
ug/l
300
250
200
150
100
50
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

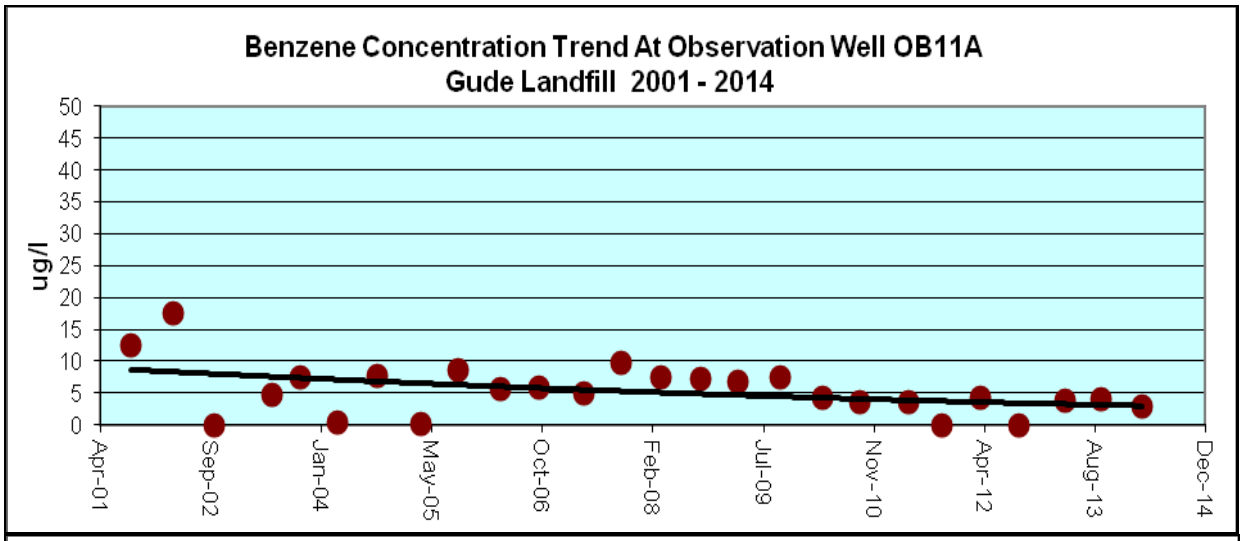

Tetrachloroethene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2014
ug/l
200
150
100
50
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

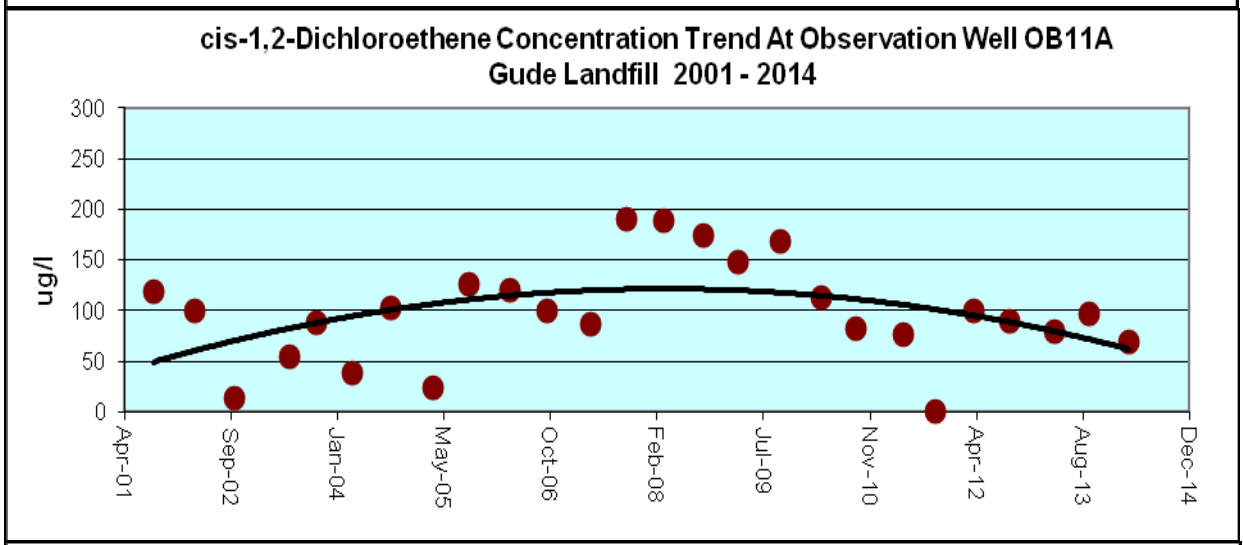

Trichloroethene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2014
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

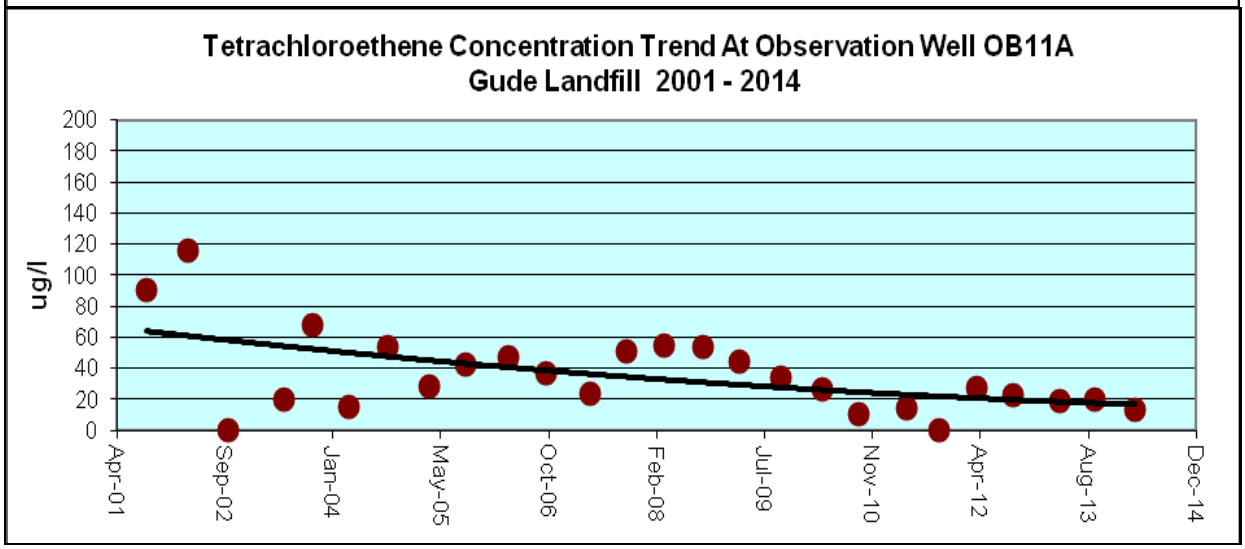

Vinyl Chloride Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2014
ug/l
50
40
30
20
10
0
Aug-04
Dec-05
Apr-07
Sep-08
Jan-10
Jun-11
Oct-12
Mar-14
Jul-15

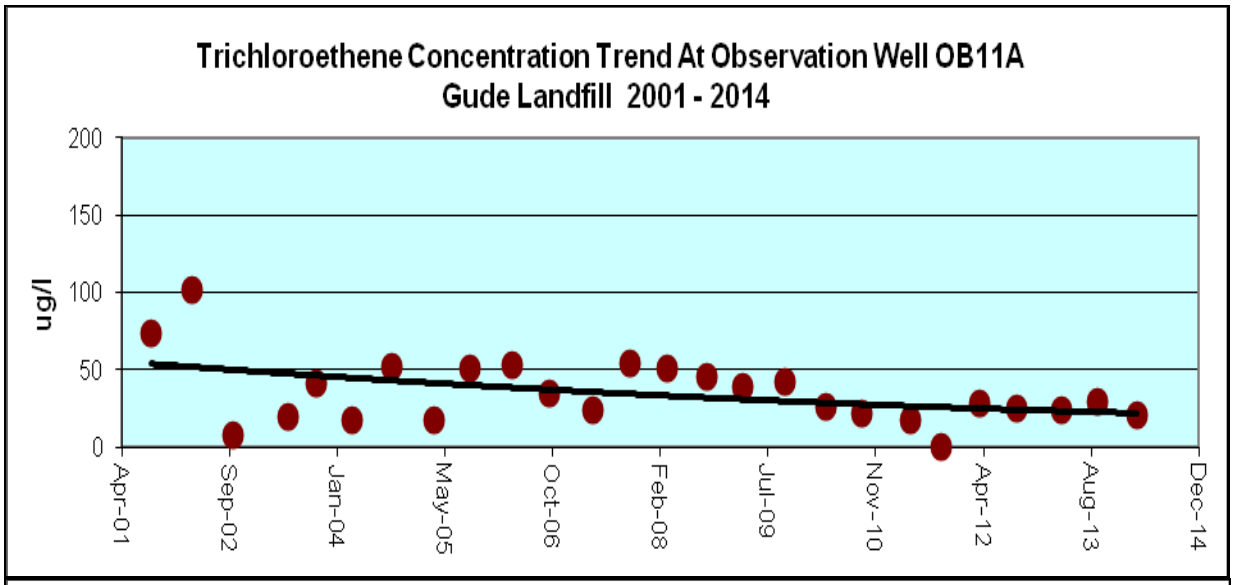

1,1-Dichloroethane Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2014
ug/l
100
90
80
70
60
50
40
30
20
10
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

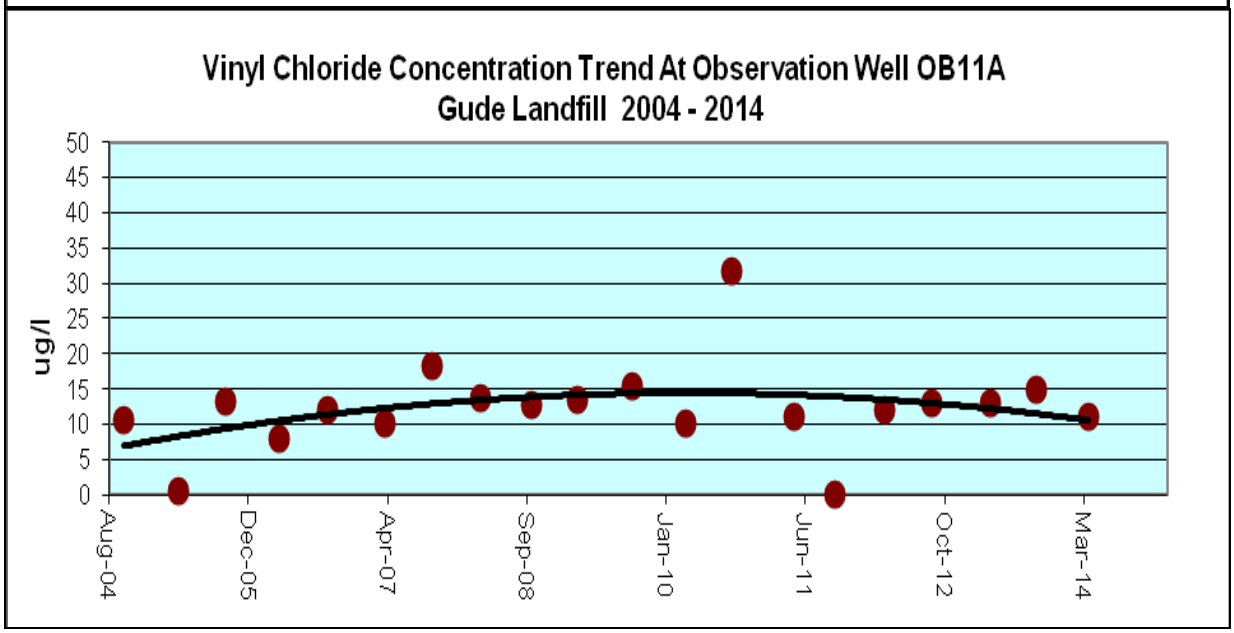

1,2-Dichloropropane Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2014
ug/l
50
45
40
35
30
25
20
15
10
5
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14


Benzene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2014
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 - 2014
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

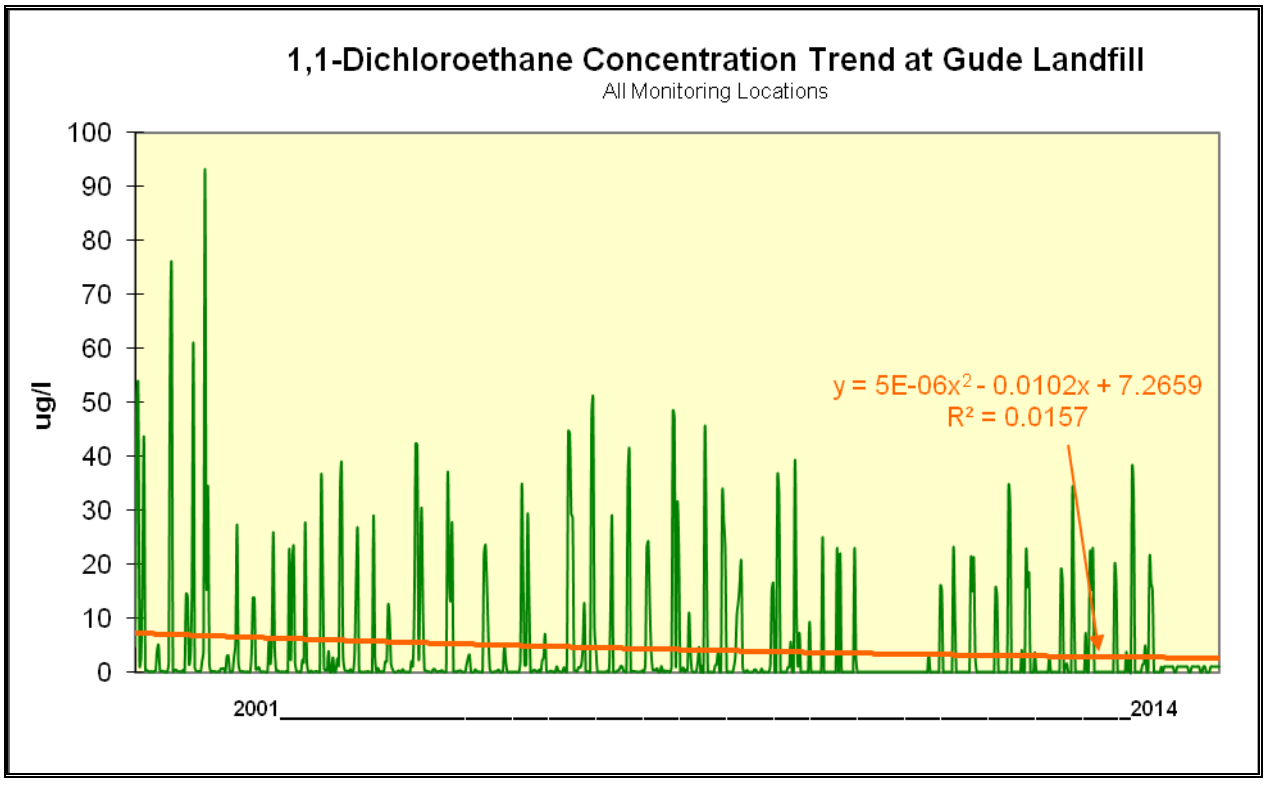

Tetrachloroethene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2014
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

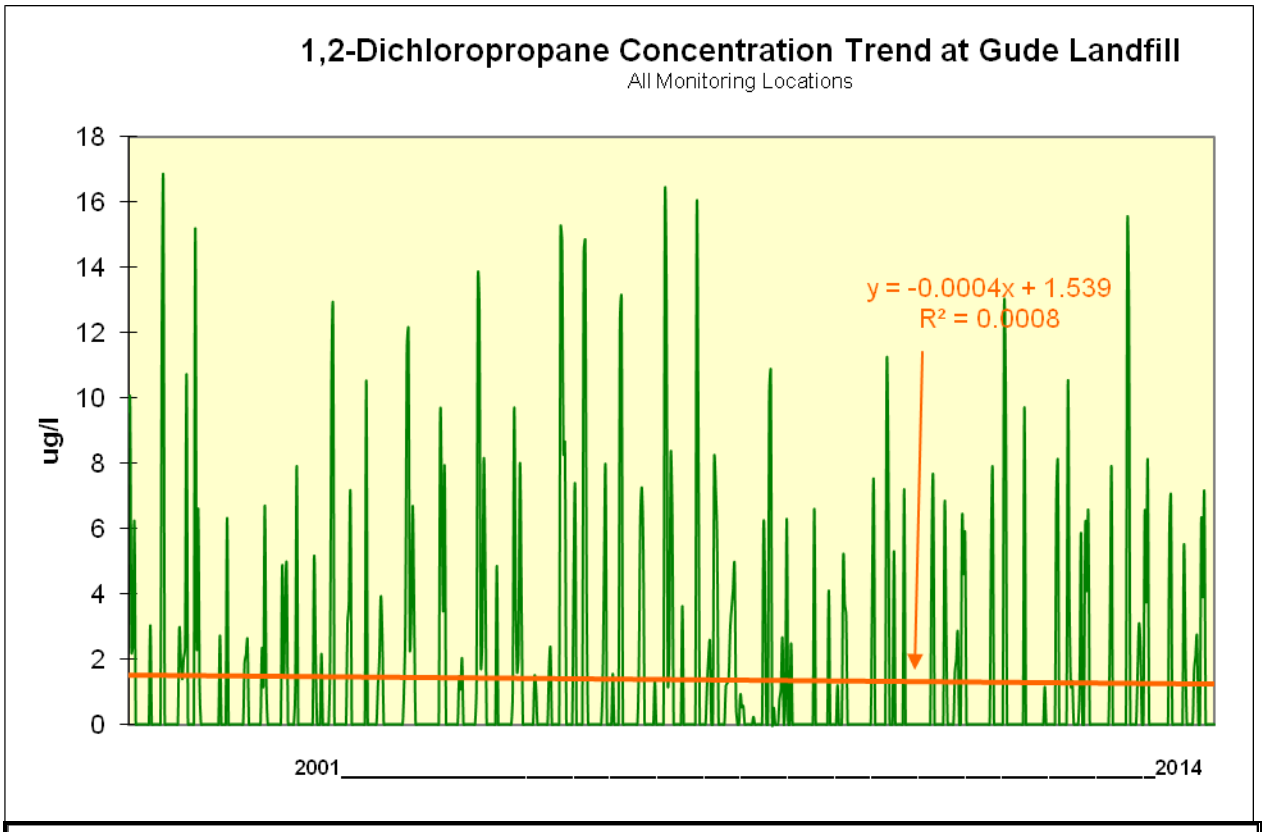

Trichloroethene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2014
ug/l
200
150
100
50
0
Apr-01
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Apr-12
Aug-13
Dec-14

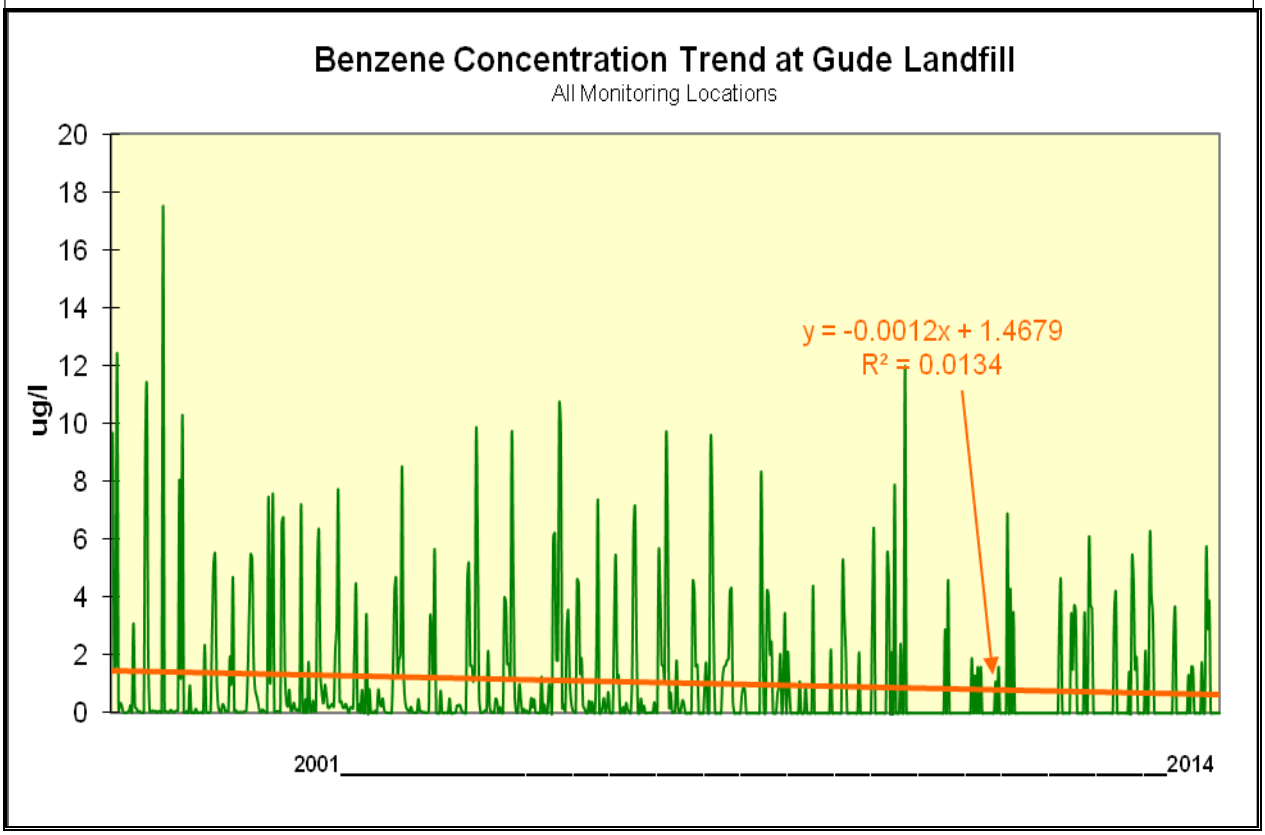

Vinyl Chloride Concentration Trend At Observation Well OB11A
Gude Landfill 2004 - 2014
ug/l
50
45
40
35
30
25
20
15
10
5
0
Aug-04
Dec-05
Apr-07
Sep-08
Jan-10
Jun-11
Oct-12
Mar-14

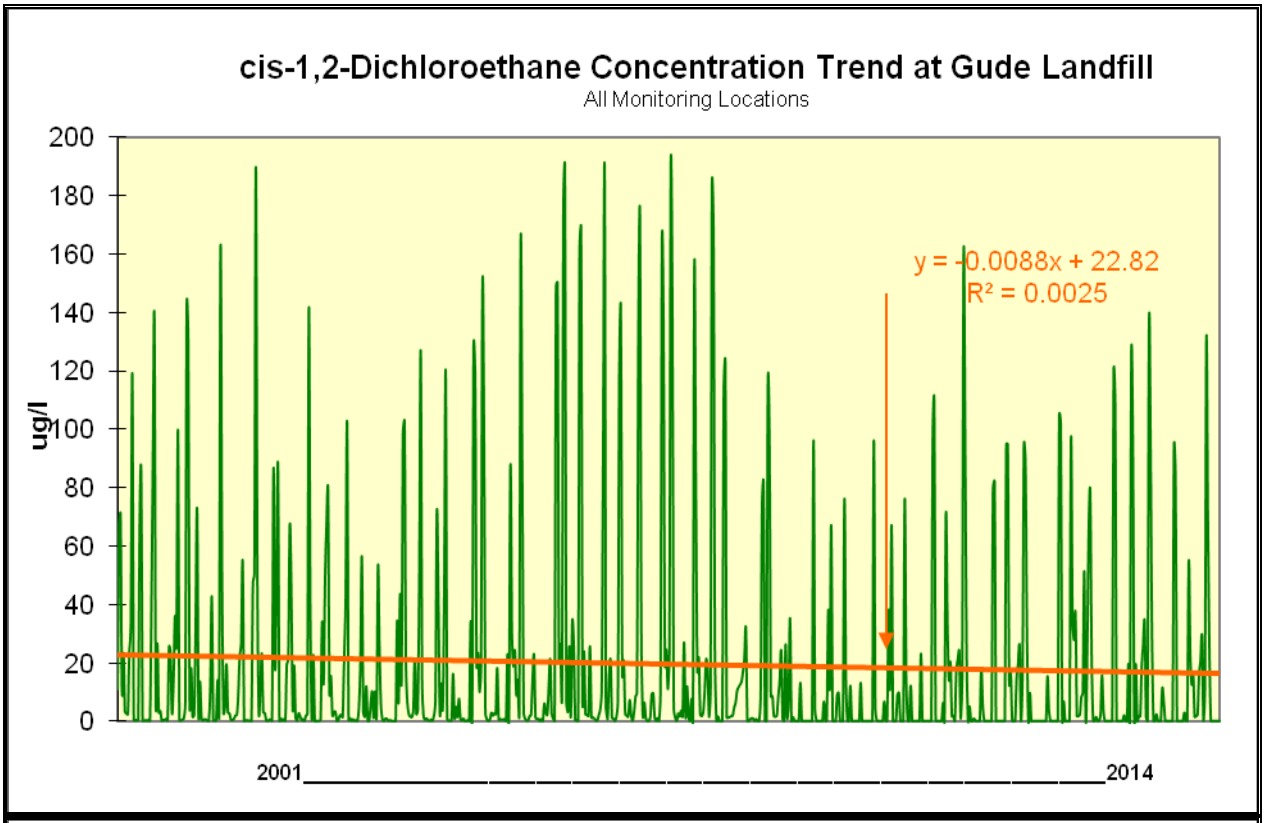
The following graphs provide Historical Trend Analysis for particular VOC compounds that are detected on regular basis at the Landfill. These trend analyses are for all the monitoring locations including those wells installed in 2010.

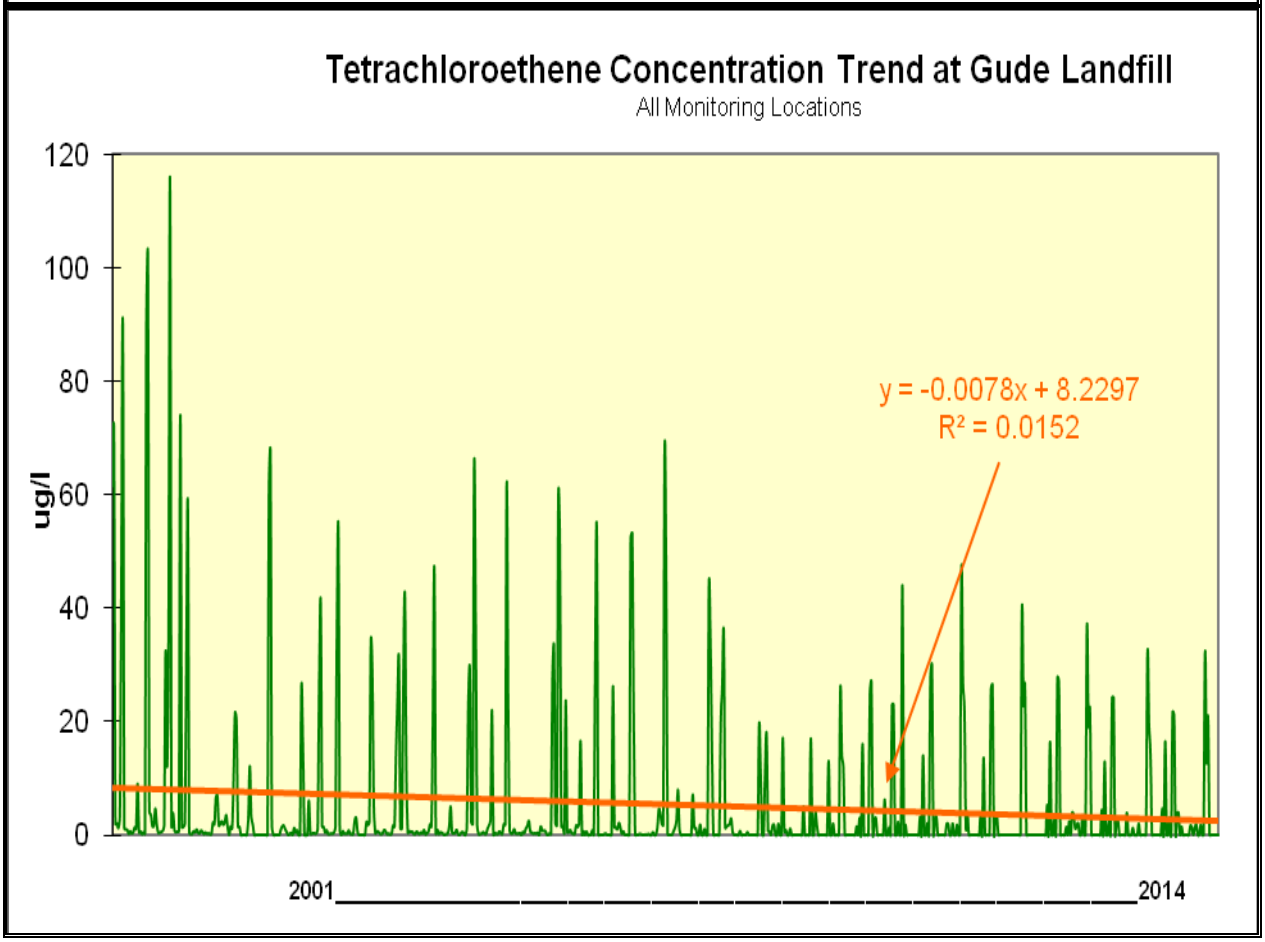
(Please refer to Tables 1 and 2 for additional information.)

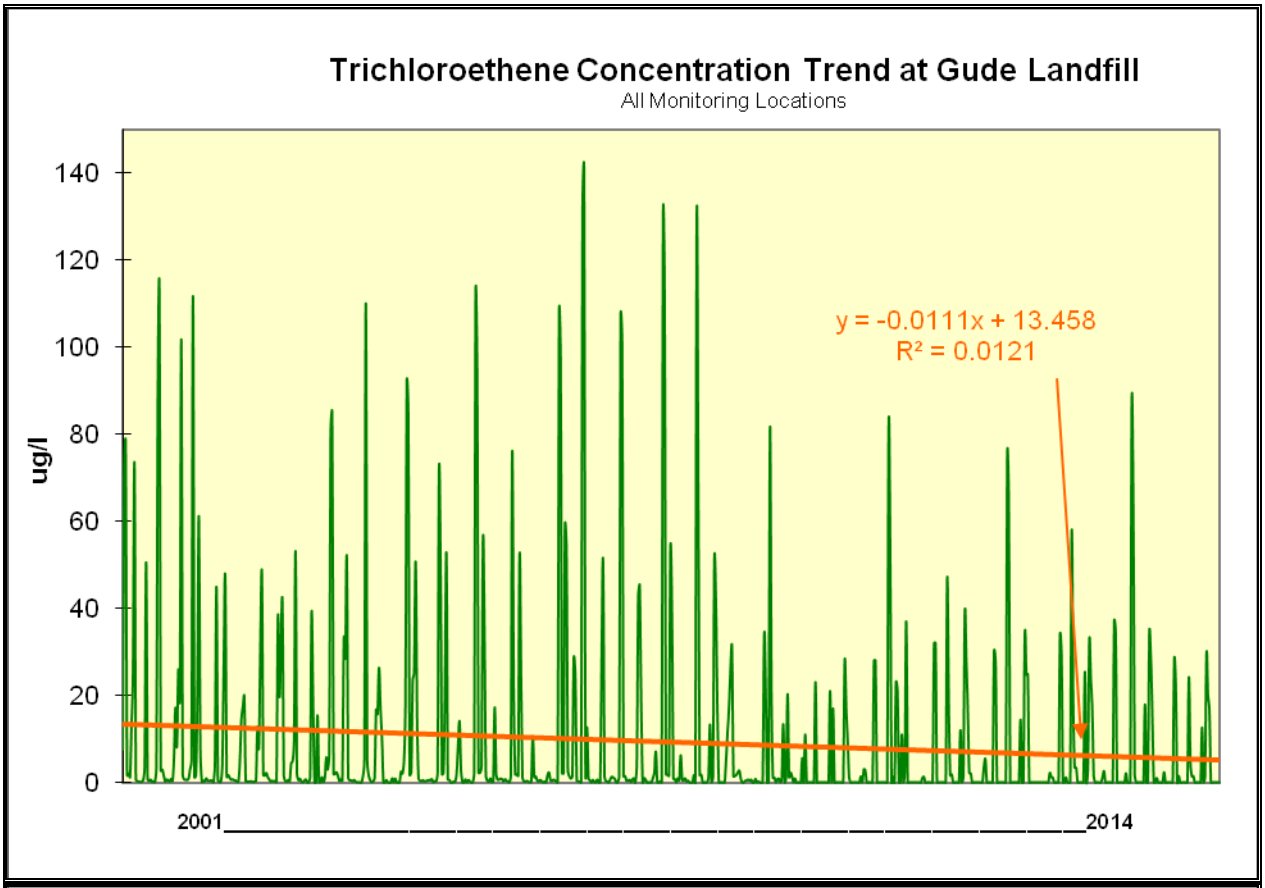


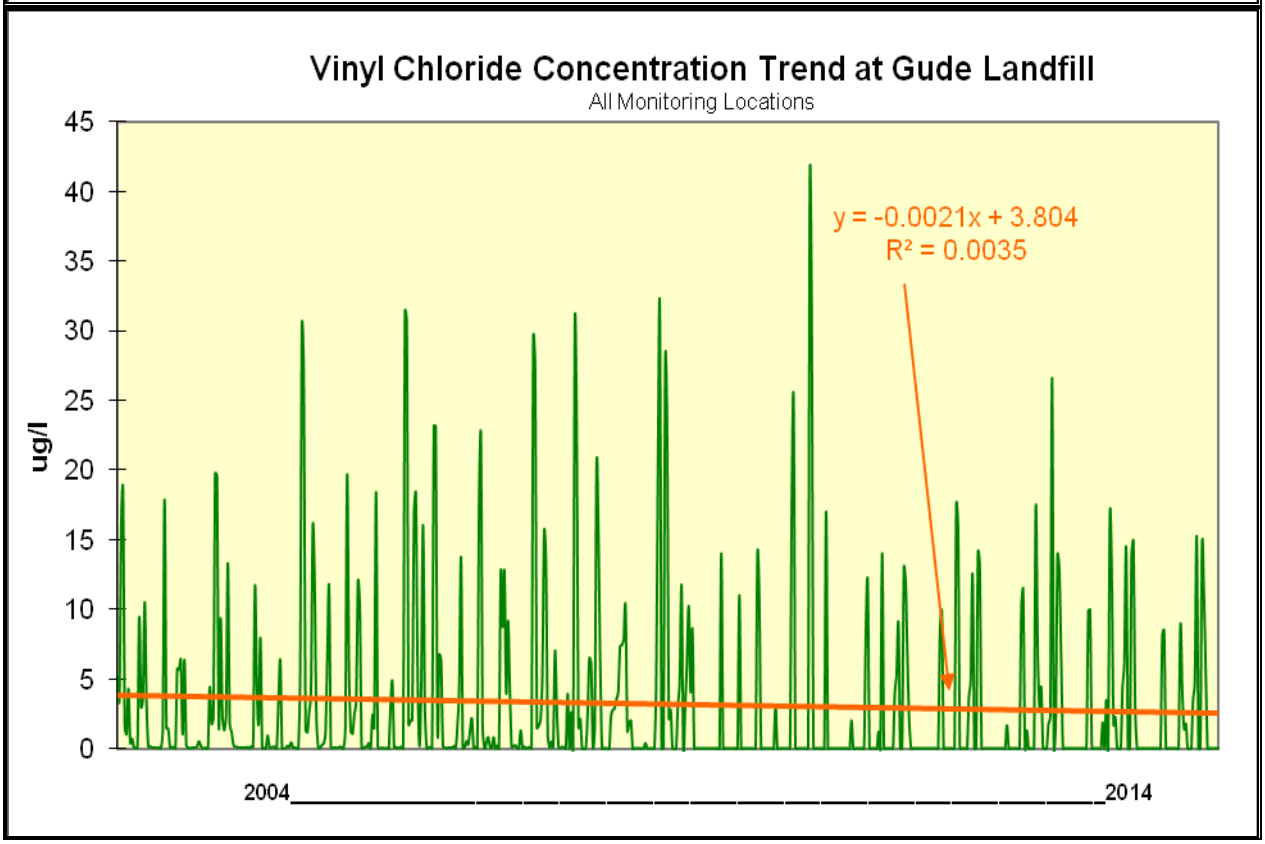

1,2-Dichloropropane Concentration Trend at Gude Landfill
All Monitoring Locations
ug/l
18
16
14
12
10
8
6
4
2
0
y = -0.0004x + 1.539
R² = 0.0008
2001
2014


Benzene Concentration Trend at Gude Landfill
All Monitoring Locations
ug/l
20
18
16
14
12
10
8
6
4
2
0
y = -0.0012x + 1.4679
R² = 0.0134
2001
2014


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 = -0.0088x + 22.82
R² = 0.0025
2001
2014


Tetrachloroethene Concentration Trend at Gude Landfill
All Monitoring Locations
ug/l
120
100
80
60
40
20
0
y = -0.0078x + 8.2297
R² = 0.0152
2001
2014


Trichloroethene Concentration Trend at Gude Landfill
All Monitoring Locations
ug/l
140
120
100
80
60
40
20
0
y = -0.0111x + 13.458
R² = 0.0121
2001
2014


Vinyl Chloride Concentration Trend at Gude Landfill
All Monitoring Locations
ug/l
45
40
35
30
25
20
15
10
5
0
y = -0.0021x + 3.804
R² = 0.0035
2004
2014

Appendix D

Tables of Metals

Results in (mg/l)

Table 3
Metals and Other Water Quality Parameters

Monitoring Location	Parameter	OB01	OB02	OB02A	OB03	OB03A	OB04	OB04A	OB06	OB07	OB07A	OB08	OB08A	OB10	OB102	OB105	OB11	OB11A	OB12	OB15	OB25	ST015
Gude Landfill - SPRING 2014 Results	Alkalinity	86	67	33	212	278	248	133	203	191	118	219	218	116	980	774	223	295	123	29	194	180
	Ammonia	ND	ND	ND	3.45	6.76	0.782	0.309	ND	ND	ND	ND	0.222	ND	13.5	19.3	ND	1.99	ND	ND	ND	0.895
	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	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.231	0.058	0.399	0.554	0.376	0.294	0.068	0.205	0.029	0.046	0.125	0.068	0.062	0.367	0.277	0.033	0.206	0.021	0.064	0.054	0.089
	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	86.6	23.3	88.9	65.6	62.8	175	142	146	127	93.5	54.3	47.1	53.3	116	147	117	79.6	35	12	39.6	61.7
	Chloride	379	24.3	359	201	217	453	512	373	226	260	44.7	59.9	144	519	307	398	266	77.9	4.04	34.8	1090
	Chromium	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND	ND	ND	0.021	ND	ND	ND	ND	0.006	ND
	Cobalt	0.012	ND	ND	0.053	0.047	ND	ND	0.006	ND	ND	0.006	0.015	0.006	0.07	0.021	ND	0.024	ND	ND	ND	ND
	COD	ND	ND	ND	15.6	19	34.8	27.6	44.6	14.3	18.2	ND	ND	ND	176	102	31.6	20.6	ND	ND	ND	36.2
	Copper	0.006	0.009	ND	ND	ND	0.038	0.028	0.016	ND	ND	ND	ND	ND	0.062	0.032	0.007	0.006	ND	0.007	0.008	0.009
	Iron	0.55	3.27	0.574	19	20.7	0.921	1.05	7.3	0.699	0.533	0.692	3.06	1.14	3.64	27.2	0.641	0.929	0.208	1.98	3.1	ND
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND	ND	ND
	Magnesium	52.1	9.4	49.2	37.4	44.4	88.3	98.8	61.9	40.3	52.9	17.6	17.9	30.3	99.2	128	57.6	57.4	21.4	14.5	27	20.3
	Manganese	4.99	0.686	0.047	17.3	8.71	2.63	1.32	0.557	0.039	0.067	5.84	6.94	3.96	18.8	1.91	0.845	6.8	0.115	0.13	0.21	0.329
	Mercury	ND	ND	ND	ND	ND	ND	ND	5E-04	5E-04	8E-04	ND	ND	ND	ND	6E-04	**0.003**	ND	ND	ND	ND	ND
	Nickel	0.031	0.006	0.015	0.018	0.016	0.017	0.024	0.015	ND	ND	0.007	0.007	0.008	0.09	0.051	0.032	0.018	0.008	0.012	0.009	0.012
	Nitrate	2.28	ND	0.651	ND	ND	ND	ND	0.486	0.967	0.97	ND	ND	ND	ND	ND	ND	ND	0.83	0.678	2.13	1.695
	pH	5.67	6.85	5.33	5.73	6.03	6.17	5.77	5.96	6.58	5.94	6.18	6.11	6.03	6.8	6.69	5.47	5.71	5.56	5.4	6.86	6.64
	Potassium	4.35	3.48	5.01	8.52	15	7.74	5.38	5.57	3.3	2.45	2.61	2.72	3.09	44.9	51.5	4.98	6.79	2.89	1.84	6.49	6.83
	Selenium	ND	ND	ND	ND	ND	0.03	0.036	0.012	0.006	0.007	ND	ND	ND	0.016	0.017	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	94.1	10	30.9	53.8	83.7	71.4	106	105	22.1	26.1	20.1	24.7	19.6	523	224	62	83	22	17.3	20.4	607
	Spec. Cond.	1293	199	1125	1025	1220	1742	1720	1567	1025	996.9	499.8	536.7	596.2	3270	2477	1526	1274	469.9	236.8	491.2	3441
	Sulfate	26.5	4.96	22.5	36.2	59.7	22.8	12	89.8	27.9	30.6	5.8	5.07	ND	45	267	11.9	20	14.4	91.8	32.6	25.3
	TDS	758	178	944	602	724	1256	1242	982	624	590	322	316	340	2122	1600	1060	1016	308	164	324	2028
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Hardness	440	106	444	420	560	742	640	632	494	450	232	236	256	710	900	612	456	200	96	238	252
	Turbidity	0	83.2	1.62	1.18	2.86	1.02	14.1	206	1.23	0.99	1.08	1.39	0	79.5	335	1.51	4.13	1.36	33	65	16.4
	Vanadium	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND	ND	ND	0.031	ND	ND	ND	ND	ND	ND
	Zinc	0.013	0.016	0.008	0.014	0.007	0.01	0.024	0.036	ND	ND	0.007	0.006	0.007	0.023	0.18	0.044	0.022	0.008	0.072	0.015	0.017

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 2014 Results	Alkalinity	64	112	105	31	47	49	37	17	112	65	208	139	233	35	68	16.2	68	6	34	218
	Ammonia	ND	ND	0.612	ND	ND	ND	ND	ND	ND	ND	ND	0.265	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.093	0.044	0.093	0.051	0.007	0.025	0.007	0.037	0.049	0.048	0.3	0.066	0.111	0.338	0.104	0.158	0.035	0.471	0.44	0.079
	Beryllium	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	ND	ND	ND	ND	ND
	Calcium	46.1	40	44.1	16.4	7.81	10.2	11	4.52	34.3	45.6	80.1	55.6	87.3	14.8	18.3	10.9	17.5	46.4	29	90
	Chloride	928	68.4	674	207	3.96	3.39	2.58	2.91	2.63	147	282	123	142	152	6.97	4.21	6.14	251	86.8	92.4
	Chromium	ND	ND	ND	ND	ND	0.018	ND	0.012	0.053	ND	0.012	ND	ND	0.036	ND	0.038	0.005	ND	0.044	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	0.006	0.006	ND	0.281	0.01	ND	0.014	ND	0.016	ND	ND	0.038	ND
	COD	14.3	ND	15.3	ND	ND	ND	ND	ND	ND	ND	ND	23.7	16	ND	ND	ND	ND	ND	10.9	ND
	Copper	0.008	ND	0.007	ND	ND	0.054	ND	0.029	0.026	ND	0.016	0.011	0.007	0.018	0.014	0.041	0.007	0.008	0.095	ND
	Iron	0.876	0.294	0.706	0.464	0.289	2.2	ND	10.1	5.68	1.92	8.65	3.31	1.25	22.2	4.31	27.8	2.73	1.17	45.9	0.458
	Lead	ND	ND	ND	ND	ND	ND	ND	0.005	0.008	ND	0.006	ND	ND	0.014	ND	0.008	ND	ND	**0.017**	ND
	Magnesium	22.5	19	19	9.32	4.63	4.58	2.74	5.74	6.81	25	56.3	28.7	46	15.7	9.06	12.7	9.36	22.9	31.9	30.2
	Manganese	0.128	0.071	0.344	0.107	0.019	0.42	0.021	0.172	0.221	0.257	44.7	1.88	0.011	0.626	0.069	0.464	0.052	0.066	0.954	0.034
	Mercury	ND	ND	ND	ND	ND	1E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	2E-04
	Nickel	0.015	ND	0.01	0.005	ND	0.017	ND	0.013	0.061	0.013	0.041	0.008	0.008	0.032	0.007	0.036	0.005	0.008	0.046	0.005
	Nitrate	1.38	1.16	1.481	1.79	ND	ND	ND	ND	ND	0.463	ND	6.206	**14.55**	1.36	ND	1.09	2.74	4.33	1.52	2.7
	pH	7.34	7.48	7.41	7.64	6.12	NT	5.31	5.4	7.11	6.03	6.09	5.55	6.61	5.07	5.62	5.54	6.19	4.85	5.31	6.15
	Potassium	6.08	4.53	14.3	2.53	1.06	2.12	1.59	2.77	3.19	3.03	3.35	3.81	12.7	8.61	1.81	5.26	1.46	3.27	12.2	3.66
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.008	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	ND	ND
	Sodium	561	27.5	384	110	8.04	7.47	4.62	4.24	19.4	30.3	64.3	25.7	78.8	87.1	9.11	3.89	9.7	88.4	14.3	17.7
	Spec. Cond.	2780	466.9	2485	685.1	86	NT	78.2	30.3	214	548.7	1214	667.6	1121	579.6	148.4	76.9	160	835.9	214.5	676.3
	Sulfate	24.8	29.2	24.1	10	ND	ND	ND	ND	29.4	4.73	62.1	10.5	136	ND	8.64	6.78	ND	18.2	ND	9.35
	TDS	1676	352	1286	396	67	70	66	10	228	320	718	442	740	370	144	87	156	624	312	458
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Hardness	208	170	192	84	50	46	56	78	130	206	500	294	412	68	82	200	72	206	270	340
	Turbidity	9.8	0	3	8.8	12.3	NT	0.9	1000+	27.8	132.6	589	6.09	35.2	644	114	607	40.5	50.1	934	0.69
	Vanadium	ND	ND	ND	ND	ND	ND	ND	0.013	0.007	ND	0.005	ND	ND	0.026	0.011	0.042	0.009	ND	0.098	ND
	Zinc	0.016	ND	0.026	0.008	0.006	NT	0.007	0.041	0.03	0.01	0.063	0.01	0.008	0.087	0.061	0.093	0.012	0.024	0.134	0.006

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

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location OB01	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	104	95	103	93	112	100	73	80	66	86
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.184	0.231
	Beryllium	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	64.9	67.6	68.2	76.2	73.8	81.24	69.1	73.3	73.4	86.6
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	196	204	241	262	291	322	284	291	303	379
	Chromium	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	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	0.00681	0.012
	COD	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	5.1	6.9	ND	5.4	ND	ND	ND	ND
	Copper	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	0.00605	0.00623
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	330	320	350	364	390	420	342	346	356	440
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	0.469	0.837	0.515	1.6	0.386	0.458	0.541	0.55
	Lead	ND	0.0025	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	0.0054	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	36	40.3	38.9	45.3	46.3	48.58	38.6	45	44	52.1
	Manganese	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	3.59	4.99
	Mercury	ND	ND	ND	0.0004	ND	ND	NT	ND	ND	ND	ND	ND	ND	0.00036	ND	ND	ND	ND
	Nickel	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	0.0258	0.0313
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	1.67	1.94	1.907	1.79	1.34	1.56	2.13	2.21	2.28	2.28
	pH	NT	NT	NT	NT	NT	NT	NT	NT	5.82	5.08			5.51	5.62	5.14	5.87	5.46	5.67
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	3.52	3.64	3.36	3.81	3.78	4.57	3.85	4.55	3.95	4.35
	Selenium	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	47.4	54.5	51.8	58.2	66.3	77.79	57.2	73.6	63.5	94.1
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	855.9	920.7			980.9	1218	1060	1223	1052	1293
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	26.4	24.9	26.6	26.8	28.8	26.1	24.2	22.3	25.7	26.5
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	776	912	1176	856	1116	876	856	980	840	758
	Thallium	0.0013	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	0.186	0.18	0.98	1.96	NT	NT	NS	1.4	3.6	0
	Vanadium	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	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	0.012	0.0133

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

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location OB02	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	67	57	72	70	72	68	68	67	65	67
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.0524	0.0575
	Beryllium	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	60.6	73.9	39.1	72.2	28.2	28.37	103	20.9	23.6	23.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	212	264	90	47.3	51.1	49.9	404	27.8	32.2	24.3
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0055	ND	0.0049	0.0065	ND	ND	ND	ND	0.0057	0.0071	ND	0.0587	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	34.6	ND	ND
	Copper	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	ND	0.00863
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	350	376	169	130	125	116	500	86	98	106
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	2.66	2.59	0.818	25.2	0.768	1.18	0.586	0.725	1.01	3.27
	Lead	0.0049	0.0022	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	32.2	43.3	17.7	59.3	12.1	11.97	59	9.45	9.94	9.4
	Manganese	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	0.623	0.686
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	ND	0.00559
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	0.575	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	8.27	5.35			6.71	6.94	6.6	7.16	6.74	6.85
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	5.91	7.07	4.43	13.7	3.99	3.76	5.69	3.33	3.25	3.48
	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	22.6	30.6	17.8	111	11	15.64	34.5	14.8	10.2	10
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	665	910.3			318.1	302.2	261.2	252.9	229.3	199
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	13.5	14.9	7.38	4.24	5.87	4.51	20.2	5.14	4.79	4.96
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	780	1008	388	336	1264	252	1124	152	174	178
	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	10.3	6.4	2.6	33.3	NT	NT	NS	7.5	35.3	83.2
	Vanadium	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	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	0.00616	0.0162

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

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location OB02A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	38	36	40	35	36	36	33	33	34	33
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	NT	0.0033	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.439	0.399
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	77.5	76.4	87.1	82.9	96.3	94	24.7	90.3	112	88.9
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	280	286	310	302	350	334	36	335	419	359
	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Copper	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	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	390	353	420	391	463	414	112	426	520	444
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	0.414	0.6	0.682	ND	0.58	0.396	0.793	0.486	0.521	0.574
	Lead	ND	0.0031	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	46.4	44.4	52.3	53.4	59.1	53.1	10.6	52.4	66.7	49.2
	Manganese	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	0.0548	0.0469
	Mercury	ND	0.0013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.0129	0.0148
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	0.5894	0.582	0.589	0.543	0.576	0.582	ND	0.623	0.616	0.651
	pH	NT	NT	NT	NT	NT	NT	NT	NT	5.75	4.77			5.09	5.41	5.25	5.7	5.34	5.33
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	4.73	4.1	4.69	5.2	5.78	4.82	3.56	5.24	5.51	5.01
	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	31.2	32.5	35	31.6	34.9	37.5	10.9	35.9	39.8	30.9
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	636.7	925.5			1263	1120	1386	1286	1327	1125
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	22.4	16.2	25.4	17.8	21.5	18.4	4.91	19.3	22.2	22.5
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	1088	1072	1192	288	68	824	176	796	1072	944
	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	3.83	1.16	0.891	0.416	NT	NT	NS	0	0	1.62
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	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	0.00883	0.00758

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

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location OB03	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	265	321	242	267	216	187	241	221	233	212
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	2.39	6.46	2.9	4.97	2.56	3.48	2.43	2.7	2.29	3.45
	Antimony	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0079	0.0066	0.0023	0.0023	0.0046	0.004	ND	ND	0.0024	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.598	0.554
	Beryllium	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.0039	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	59.9	80.3	62.3	69	65.3	74.4	64.3	67.4	64.4	65.6
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	134	193	155	220	163	222	169	192	157	201
	Chromium	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	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	0.0566	0.0526
	COD	NT	NT	NT	NT	NT	NT	NT	NT	13.6	34.9	10.1	28.8	16.8	24.3	18	17.8	13.2	15.6
	Copper	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	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	690	700	400	3600	410	400	360	348	330	420
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	28.8	34.6	25	23.6	22.19	23.68	21.7	21.8	20.6	19
	Lead	0.0027	0.0031	**0.02**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	33.2	52.8	35.6	47.1	41.1	42.7	37	35.2	38.6	37.4
	Manganese	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	19.4	17.3
	Mercury	**0.0024**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00025	ND	ND	0.00047	ND
	Nickel	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	0.0188	0.0176
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	6.19	4.74			5.97	5.78	5.15	5.93	5.84	5.73
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	10.2	10.9	6.94	10.1	7	7.95	6.77	9.31	5.77	8.52
	Selenium	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	0.00545	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	0.0154	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	NT	ND	35.9	92.8	41.6	74.2	44.2	58.9	35.7	43.8	35.7	53.8
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	902	1405			814.1	1140	960.6	1138	887.2	1025
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	8.84	31.4	16.7	41.4	22	28.5	13.1	18.6	16.8	36.2
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	564	984	676	784	804	888	604	572	568	602
	Thallium	ND	ND	ND	ND	ND	0.0015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	11	24.4	22.9	2.81	NT	NT	NS	0	0	1.18
	Vanadium	0.0027	ND	0.0219	ND	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	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	0.0154	0.0137

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

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location OB03A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	317	461	270	340	226	266	268	338	260	278
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	6.47	8.93	4.35	7.91	5.09	6.15	4.51	6.67	4.18	6.76
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0034	0.0021	0.0033	0.0046	0.008	0.0032	**0.0106**	ND	0.0036	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.543	0.376
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.0031	0.0022	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	69.4	91.6	66	24.8	68.5	76	62.3	70.9	67.2	62.8
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	194	164	176	239	193	245	185	229	177	217
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	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	0.0561	0.047
	COD	NT	NT	NT	NT	NT	NT	NT	NT	19.1	38.5	12.1	35	22.5	31.1	19.5	52.1	17.5	19
	Copper	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	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	700	670	360	580	375	420	350	400	360	560
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	39.4	49.3	31	2.71	29.71	29.85	26.5	29.6	25.6	20.7
	Lead	ND	0.0026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	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	43	44.4
	Manganese	NT	NT	NT	NT	NT	NT	NT	NT	13.3	6.35	16.4	0.982	14.2	13.7	15.4	11.2	16	8.71
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.0181	0.0162
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	5.76	4.98			6.03	6.04	5.2	6.29	5.34	6.03
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	12.4	19.2	9.18	4.68	9.64	13.1	9.64	16.6	8.17	15
	Selenium	ND	ND	ND	0.003	ND	ND	ND	ND	0.0024	ND	ND	ND	ND	0.00586	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	70.3	132	58.5	14.4	70.5	91	52.2	97.8	55.7	83.7
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	1023	1661			975.1	1379	1082	1517	998.1	1220
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	33.5	75.4	26.9	58.4	31.5	41.8	21.2	36	29.7	59.7
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	780	1112	704	980	888	952	632	796	578	724
	Thallium	0.0012	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	39.4	271	13.3	13.6	NT	NT	NS	1.8	3.8	2.86
	Vanadium	0.0022	0.0011	0	0.0003	0.0113	0.0021	0.0036	0.0005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	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	0.0117	0.00736

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location OB04	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	221	242	255	238	242	261	248	244	249	248
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	0.328	0.542	0.514	0.695	0.673	0.667	0.771	0.733	0.666	0.782
	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	0.0034	ND	0.0055	ND	ND	0.00907	0.00857	0.00926	ND	0.00882
	Barium	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	0.265	0.294
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	154	160	159	154	157	173	157	151	164	175
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	412	193	424	433	416	473	448	449	455	453
	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	26.3	25.2	29.8	30.7	29.2	34.1	26.7	31.3	23.7	34.8
	Copper	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	0.0354	0.0382
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	670	610	680	717	705	714	712	730	740	742
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	0.343	1.13	1.2	ND	0.92	0.804	0.824	0.751	0.729	0.921
	Lead	ND	0.0027	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	75.1	83.7	81	88.1	89.1	88.9	76.6	78.1	82	88.3
	Manganese	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	2.59	2.63
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.0139	0.0174
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	6.71	5.3			5.88	5.65	5.67	6.22	6.12	6.17
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	6.32	6.52	6.45	7.29	7.18	7.03	7.72	8.21	7.21	7.74
	Selenium	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	0.0212	0.0303
	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	71	77.6	73.8	74.4	74.3	73.3	63.2	66.6	64.8	71.4
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	1673	1758			1503	1817	1828	2022	1737	1742
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	18.8	21.1	28.4	19.6	22.3	19.5	18.3	16.1	21	22.8
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	1348	1772	1760	1428	1736	1632	1432	1600	1304	1256
	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	1.07	0.24	0.632	0.421	NT	NT	NS	0	0	1.02
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	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	0.00797	0.00999

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

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location OB04A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	125	142	135	133	127	129	123	129	127	133
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	0.301	0.366	0.281	0.379	0.316	0.218	0.299	0.285	0.229	0.309
	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	0.0036	ND	0.0061	0.0053	ND	**0.0105**	**0.0107**	**0.0105**	0.00555	**0.0106**
	Barium	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	0.0612	0.0681
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	109	116	113	117	118	124	118	126	123	142
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	438	311	468	473	460	531	501	498	501	512
	Chromium	ND	ND	0.0022	ND	0.0026	ND	ND	ND	0.0021	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	31.3	26.4	29.5	39.3	27.5	33	33.3	28.8	65.6	27.6
	Copper	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	0.0284	0.0281
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	570	550	600	592	602	622	598	604	616	640
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	0.998	1.57	1.24	0.636	0.712	1.12	0.615	0.806	0.932	1.05
	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	71.9	86.1	80.3	94.8	85.5	88.8	81	89.6	85.5	98.8
	Manganese	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	1.48	1.32
	Mercury	ND	ND	ND	ND	ND	0.0004	ND	ND	0.0003	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.021	0.0238
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	5.82	4.84			5.43	5.57	5.29	5.85	5.69	5.77
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	4.93	5.25	4.92	5.92	4.99	5.73	5.42	5.96	5.15	5.38
	Selenium	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	0.0239	0.0358
	Silver	ND	ND	ND	ND	ND	0.0026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	89.1	101	91.9	100	91.1	95	89	100	90.4	106
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	1943	1678			1438	1752	1785	1985	1697	1720
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	12.1	12.9	12.8	11.5	11	11.1	11.5	9	11.7	12
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	1200	1764	1672	1356	1636	1508	1476	1596	1262	1242
	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	10.3	16.8	16.3	5.83	NT	NT	NS	12.3	18.2	14.1
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	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	0.0227	0.0239

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Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location OB06	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	150	170	220	145	156	175	161	178	188	203
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	0.389	ND	ND	ND	ND	ND	ND
	Antimony	0.0033	ND	ND	0.0034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	0.003	0.0027	ND	0.0027	ND	ND	0.0032	ND	0.0067	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.18	0.205
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	148	147	126	145	137.5	142	148	135	136	146
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	356	222	360	356	350	383	374	382	376	373
	Chromium	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	ND	0.00725
	Cobalt	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	ND	0.00565
	COD	NT	NT	NT	NT	NT	NT	NT	NT	68	55.1	31.5	38.9	32.9	44	38.1	43	36.2	44.6
	Copper	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	0.00908	0.0164
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	580	560	550	553	552	582	566	582	584	632
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	1.7	29.2	111	15.5	1.05	12.2	5.07	1.17	1.4	7.3
	Lead	0.0028	ND	0.0048	ND	**0.0491**	ND	ND	ND	ND	0.0126	**0.0503**	**0.0474**	ND	0.0081	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	56.6	64.4	78.8	63	55.9	61.3	61.1	55.3	54.7	61.9
	Manganese	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	0.481	0.557
	Mercury	ND	ND	ND	ND	0.0005	0.0003	ND	ND	ND	**0.00286**	0.00149	**0.00852**	0.00087	0.00054	0.00041	ND	ND	0.00051
	Nickel	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	0.0114	0.0151
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	0.6869	0.6679	0.87	0.758	0.786	0.708	0.674	0.554	0.559	0.486
	pH	NT	NT	NT	NT	NT	NT	NT	NT	5.62	5.69			5.51	5.76	5.42	6.03	5.7	5.96
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	4.82	6.71	28.8	6.2	4.72	7.39	5.52	6.2	4.75	5.57
	Selenium	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	0.0124	0.0117
	Silver	ND	NT	ND	ND	ND	ND	ND	ND	ND	0.0088	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	83.3	92	70.4	80.3	81	94.3	88.7	92.2	87.3	105
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	1564	1571			1289	1600	1618	1247	1537	1567
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	82.9	85.1	81.7	85.7	93.7	76.8	89.6	86.5	101	89.8
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	1116	1388	1784	1192	960	1156	1224	1124	1150	982
	Thallium	ND	ND	ND	ND	**0.0031**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	21.7	533	3329	3800	NT	NT	NS	44.6	38.5	206
	Vanadium	ND	ND	0.0069	ND	0.0724	ND	ND	ND	ND	0.0204	0.133	0.0213	ND	0.0148	ND	ND	ND	0.00736
	Zinc	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	0.0208	0.0357

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location OB07	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	163	161	184	175	169	176	172	178	181	191
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0831	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	0.0287	0.029
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	99.5	105	102	114	112.5	108	113	115	123	127
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	150	48.8	171	193	194	199	202	222	223	226
	Chromium	ND	ND	ND	ND	0.0034	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	ND	13.6	ND	14	5.2	11.7	ND	11.2	ND	14.3
	Copper	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	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	331	350	360	407	409	412	410	434	452	494
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	0.262	1.07	2.14	1.08	0.659	0.957	0.837	1.78	0.564	0.699
	Lead	ND	ND	ND	ND	0.0031	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	26.1	29.7	28.5	35.2	34.8	33.6	33.3	33.9	37.7	40.3
	Manganese	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	0.0415	0.0394
	Mercury	ND	ND	0.0003	ND	ND	ND	ND	ND	ND	ND	0.00028	0.00049	0.00031	0.00029	0.00053	0.00038	0.00039	0.00051
	Nickel	ND	0.0022	ND	0.0024	0.0056	0.0022	ND	ND	0.0047	0.0057	ND	ND	ND	ND	ND	ND	0.00568	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	0.5482	0.5966	0.658	0.861	0.819	0.8232	0.8309	0.8996	0.96	0.9667
	pH	NT	NT	NT	NT	NT	NT	NT	NT	7.04	5.95			6.34	6.55	6.17	6.74	6.41	6.58
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	3.07	3.23	3.13	3.24	3.42	3.4	3.54	4.66	3.47	3.3
	Selenium	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	0.0064	0.00629
	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	21.4	23.3	21.9	21.3	20.8	24.5	19.5	22.9	20.8	22.1
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	760	828.1			806.2	937.2	973.5	1115	992.5	1025
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	13.4	15.2	19.2	20.4	21	20.2	23	24.1	24.6	27.9
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	644	764	1068	800	984	708	828	666	724	624
	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	0.283	14.3	40.7	0.939	NT	NT	NS	42.5	0	1.23
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	0.0075	0.023	ND	ND	ND	ND	ND	0.0126	0.0112	ND	0.00576	0.00575	0.00624	0.00752	0.00539	ND

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Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location OB07A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	124	92	115	112	115	122	119	112	120	118
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.027	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	0.0455	0.0458
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	91.8	55.8	72	86.5	90	82.9	94.3	87.3	93.6	93.5
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	235	74.5	205	216	246	244	265	255	268	260
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	0.0025	0.0027	ND	ND	ND	0.0059	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	17.8	6.1	9.7	16.5	10	16.9	15	17.3	12.8	18.2
	Copper	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	0.0055	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	420	205	350	390	424	408	436	420	448	450
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	0.239	ND	0.5	0.819	0.538	0.458	0.576	0.615	0.43	0.533
	Lead	ND	0.0027	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	51.2	21.7	41.6	49.3	52.5	48.3	50.2	48.9	51.9	52.9
	Manganese	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	0.0704	0.0665
	Mercury	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	0.00071	0.00085
	Nickel	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	0.00656	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	0.8907	ND	0.9	0.902	0.891	0.97	0.97	1	1	0.97
	pH	NT	NT	NT	NT	NT	NT	NT	NT	6.51	5.94			5.6	5.86	5.81	6.05	5.7	5.94
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	2.66	7.32	2.56	2.3	2.44	2.45	2.8	3.12	2.55	2.45
	Selenium	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	0.00894	0.00692
	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	30.2	23.8	26.1	25.6	26.3	28.6	24.8	27.1	24.9	26.1
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	706.7	565.4			860.9	994.7	1082	1157	1016	996.9
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	22.4	3.38	21.6	22.6	28	24.3	24.6	27.5	31	30.6
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	784	492	1176	796	872	748	856	718	774	590
	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	0.317	6.85	1.55	0.579	NT	NT	NS	0	0.75	0.99
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	0.0065	0.0086	ND	ND	ND	ND	0.0136	0.0079	0.00516	ND	ND	0.0057	ND	0.0066	ND

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Monitoring Location OB08	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	229	245	248	230	230	239	223	224	219	219
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0159	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	0.126	0.125
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	63.5	71.1	65.9	62.7	67.1	70.8	68.2	66.6	65.3	54.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	34.7	31.2	32.8	34.2	46.1	42.8	47.4	45.5	47.7	44.7
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	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	0.00648	0.00647
	COD	NT	NT	NT	NT	NT	NT	NT	NT	ND	4.9	ND	ND	ND	9.9	ND	ND	ND	ND
	Copper	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	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	228	250	300	265	144	236	234	232	230	232
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	0.301	0.675	0.647	0.718	0.797	0.74	0.774	0.575	0.676	0.692
	Lead	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	5.08	5.08	5.08	5.08	5.08	5.08	5.08	5.08	12.9	16.6	14.9	17	16.8	17.7	17	15.9	16.5	17.6
	Manganese	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	6	5.84
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.00755	0.00699
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	7.04	5.41			5.85	6.22	6.04	6.54	6.18	6.18
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	2.81	2.87	2.63	2.91	2.86	2.85	2.95	2.48	2.71	2.61
	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	27.2	31.6	28	28.7	27.4	28	25.4	26.3	26.4	20.1
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	523.1	528.2			476.3	559.9	566.8	603.6	516.5	499.8
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	7.54	4.91	4.83	ND	ND	4.76	4.11	5.27	5.68	5.8
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	284	340	384	280	344	348	352	270	392	322
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	0.266	0.77	0.485	0.735	NT	NT	NS	0	0	1.08
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	0.0057	0.0039	0.0048	ND	ND	ND	ND	ND	ND	0.00765	0.00658	0.00607	0.00624	0.00571	0.00571	0.00666

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

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location OB08A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	228	233	226	220	218	221	216	219	214	218
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.299	ND	ND	ND	ND	ND	ND	ND	0.222
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	0.0026	0.003	0.0022	ND	ND	ND	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.0648	0.0677
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	59.4	52.6	52.9	58.1	54.4	53.3	54.7	54.9	52.4	47.1
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	67.4	39.9	58.2	45.4	63.3	55.5	65.4	63.8	68	59.9
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	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	0.0161	0.0153
	COD	NT	NT	NT	NT	NT	NT	NT	NT	ND	39.2	5.3	10.2	ND	8.6	ND	ND	ND	ND
	Copper	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	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	570	330	300	370	190	252	240	230	240	236
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	3.85	3.33	3.35	3.69	3.05	3.44	3.93	3.38	3.94	3.06
	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	23.2	19.2	19.3	20.3	22	21.8	21.8	21.8	21.6	17.9
	Manganese	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	7.16	6.94
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.00718	0.0066
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	6.65	5.49			5.96	6.07	5.87	6.39	6.01	6.11
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	2.82	2.73	2.52	2.77	2.8	2.79	2.99	2.85	2.91	2.72
	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	37	34.7	31.7	30.8	31.8	32.9	30.7	30.7	30.1	24.7
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	579.9	541.9			502.5	579.1	600.1	649.1	547.9	536.7
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	3.85	3.04	5.74	ND	ND	ND	ND	ND	4.39	5.07
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	352	336	384	340	1240	364	364	288	388	316
	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	1.69	3.8	0.528	1.36	NT	NT	NS	0	0	1.39
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	0.0083	0.0051	0.0045	ND	ND	ND	ND	ND	ND	0.0078	0.00676	0.0101	0.00749	0.00596	0.00704	0.00625

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Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location OB10	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	110	83	134	116	122	119	133	116	139	116
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.0763	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	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	38.6	37.7	43.4	39.8	45.8	48.1	50.1	45	55.8	53.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	82.4	53.3	83.6	89	94.1	100	121	120	136	144
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	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	0.00837	0.0062
	COD	NT	NT	NT	NT	NT	NT	NT	NT	ND	7.5	10.3	ND	ND	7.5	ND	ND	ND	ND
	Copper	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	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	160	161	230	230	226	210	244	234	278	256
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	0.598	1.9	1.28	0.783	1.12	0.975	1.63	1.14	1.75	1.14
	Lead	ND	ND	0.0021	ND	0.0031	ND	ND	ND	ND	0.0085	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	19.4	18.1	24	24.9	27.8	25.8	28.1	25.1	34.4	30.3
	Manganese	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	5.2	3.96
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.0113	0.00829
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	0.008	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	6.3	5.98			5.8	6.05	5.49	6.2	6.12	6.03
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	2.81	2.94	2.65	3.28	3	3.02	3.32	3.44	2.98	3.09
	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	19	20.3	20.3	18.4	19.6	18.2	18.3	19.8	20.8	19.6
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	413.6	423.9			446.8	544.8	623.9	654	636.8	596.2
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	368	364	552	456	492	480	396	440	434	340
	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	2.09	21.1	1.16	0.443	NT	NT	NS	0	0	0
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	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	0.00811	0.00671

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location OB102	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	1140	960	1100	1008	1000	1056	1060	1110	1080	980
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	11.2	12.4	8.98	11.1	11.1	11.6	12	14	13.3	13.5
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	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**	0.00523	ND
	Barium	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	0.347	0.367
	Beryllium	ND	ND	ND	ND	**0.008**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	NT	NT	NT	NT	NT	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	116	113	114	124	119.7	115	120	118	116	116
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	560	128	577	578	564	602	588	558	543	519
	Chromium	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	ND	ND
	Cobalt	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	0.0704	0.0695
	COD	NT	NT	NT	NT	NT	NT	NT	NT	262	250	252	235	237	227	242	235	126	176
	Copper	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	0.0709	0.0616
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	810	158	900	775	701	640	700	686	696	710
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	8.95	9.66	3.55	1.69	0.798	0.945	1.01	1.93	2.03	3.64
	Lead	0.0046	0.0022	ND	ND	**0.0806**	ND	0.0055	ND	0.0043	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	94.8	98.7	94.3	102	98.4	97.4	97.4	104	96.9	99.2
	Manganese	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	20.1	18.8
	Mercury	ND	ND	ND	ND	0.0006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.0907	0.0903
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	6.26	5.95			6.42	6.64	6.29	6.86	6.41	6.8
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	37.2	41.7	37.8	39.8	40.4	39.9	41.4	47.4	46.7	44.9
	Selenium	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	0.0188	0.0162
	Silver	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	613	549	500	561	550	532	586	558	483	523
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	3522	3493			3010	3558	3612	3298	3303	3270
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	71.9	71.5	57.4	74.3	74.4	55.4	55.2	48.1	44.7	45
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	2120	2172	2252	2308	2244	2268	2236	2146	2158	2122
	Thallium	ND	ND	ND	ND	**0.0087**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	191	202	71.4	23.7	NT	NT	NS	58.9	84.5	79.5
	Vanadium	0.0047	ND	ND	0.003	0.1443	ND	0.0105	ND	0.0104	0.0124	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	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	0.0196	0.0231

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Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location OB105	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	810	1710	600	728	494	51	522	770	50	774
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	12.4	61.8	5.02	25.1	4.4	16.3	3.48	13.1	4.61	19.3
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	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	0.00577	ND
	Barium	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	0.144	0.277
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	0.0026	ND	ND	ND	ND	**0.0112**	ND	ND	ND	ND
	Cadmium	ND	**0.0079**	**0.0125**	NT	NT	NT	NT	NT	0.0047	ND	ND	ND	ND	**0.0109**	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	156	124	165	92.2	170	160	167	168	169	147
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	328	265	334	219	309	356	337	334	318	307
	Chromium	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	0.0235	0.0213
	Cobalt	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	0.0306	0.0214
	COD	NT	NT	NT	NT	NT	NT	NT	NT	173	258	207	92.4	83.4	140	61.5	93.4	56.2	102
	Copper	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	0.0415	0.0321
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	900	870	950	576	866	960	908	924	940	900
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	85.3	31.2	110	17.1	19.96	253	26.7	50.7	24.7	27.2
	Lead	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**	0.0104	0.00748
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	129	152	132	96.5	132	168	116	139	127	128
	Manganese	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	3.53	1.91
	Mercury	ND	ND	ND	ND	0.0004	ND	ND	ND	**0.0038**	ND	**0.003**	0.00026	0.00101	**0.00645**	**0.00173**	0.00084	0.00096	0.00061
	Nickel	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	0.0734	0.0508
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	0.99	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	6.81	6.33			6.18	6.55	5.75	6.61	6.34	6.69
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	35.7	136	19.3	61.3	15	58.6	12.9	33.3	15.4	51.5
	Selenium	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	0.0157	0.0169
	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	286	468	174	202	183.57	226	167	279	184	224
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	3384	3886			1963	3025	2414	2960	2224	2477
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	346	105	309	139	314	312	289	240	299	267
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	1736	2400	1876	1320	1872	1776	1628	1784	1606	1600
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	65
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	1215	338	3430	240	NT	NT	NS	1721	728	ND
	Vanadium	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	0.0362	ND
	Zinc	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	0.157	ND

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

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location OB11	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	201	165	200	211	215	217	219	221	228	0.0483
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	0.0021	ND	0.0024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	45.6
	Barium	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	0.0289	147
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	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**	**0.0103**	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	126	108	133	134	132.3	132	133	132	135	ND
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	330	393	358	259	371	407	398	397	392	ND
	Chromium	ND	ND	0.0027	ND	0.0037	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	206
	Cobalt	ND	ND	ND	ND	0.0036	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.92
	COD	NT	NT	NT	NT	NT	NT	NT	NT	27.5	28.2	29	32.5	22.4	32.8	24	37.8	22.5	ND
	Copper	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	0.00834	25
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	550	510	600	563	581	596	592	576	606	0.257
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	0.454	0.84	1.22	1.27	0.738	0.726	0.656	0.674	0.638	ND
	Lead	0.0026	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.013
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	60.1	59.1	67.9	66.6	66.6	67.4	64.4	68.9	67	0.463
	Manganese	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	0.76	6.03
	Mercury	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	0.00106	3.03
	Nickel	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	0.033	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	5.69	5.03			5.35	5.41	5.31	5.81	5.41	30.3
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	4.56	8.25	4.9	4.82	4.7	5.13	5.19	5.45	5.17	548.7
	Selenium	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	0.00545	4.73
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	320
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	56.7	59.9	68.8	67.9	68.5	68	68	75.8	71.3	ND
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	1339	1340			1302	1559	1601	1774	1539	132.6
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	8.96	8.47	9.53	9.48	10.2	11.2	10.3	10.5	12.2	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	1208	1152	1416	1116	1036	1404	1212	1018	1122	0.0103
	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	1.16	3.65	5.75	0.733	NT	NT	NS	0	0	1.51
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	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	0.0413	0.0441

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Table 4
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Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location OB11A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	270	282	280	292	285	279	288	298	302	295
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	0.222	0.817	1.7	2.11	1.59	1.11	1.25	1.79	1.18	1.99
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0027	ND	ND	ND	0.0072	0.0031	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.165	0.206
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0102**	ND	ND	ND	ND	ND	ND
	Cadmium	**0.0051**	0.005	ND	NT	NT	NT	NT	NT	0.0025	**0.0101**	ND	**0.0059**	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	99	92.5	89.8	84.7	93.5	93.4	91.4	85.3	99.6	79.6
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	310	262	290	211	297	300	312	282	327	266
	Chromium	ND	ND	ND	ND	0.0024	ND	ND	0.0102	ND	ND	ND	0.0321	ND	ND	ND	ND	ND	ND
	Cobalt	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	0.0256	0.0235
	COD	NT	NT	NT	NT	NT	NT	NT	NT	30.8	32.3	30	33.7	21.6	30.4	17.8	26.5	23.1	20.6
	Copper	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	0.00649	0.00578
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	540	500	660	524	598	500	508	466	516	456
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	1.61	4.65	1.33	48.4	1.01	1.05	1.07	1.08	1.19	0.929
	Lead	0.003	0.0031	ND	ND	0.0079	ND	ND	ND	ND	0.0059	ND	**0.0723**	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	69.2	64.2	67	55	68.6	69.9	64.8	65.7	70.6	57.4
	Manganese	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	7.21	6.8
	Mercury	0.0003	ND	0.0003	0.0005	0.0014	0.0008	0.0005	0.0009	ND	**0.00232**	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.0236	0.0179
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	6.01	5.28			5.49	5.59	5.36	6	5.61	5.71
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	5.71	7.17	6.81	13.7	6.83	6.41	6.84	7.39	6.78	6.79
	Selenium	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	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	107	97.5	101	38.5	99.8	99.4	95.1	99.5	102	83
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	1444	1363			1227	1405	1499	1552	1481	1274
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	12.6	14.9	18.4	17	15	15.8	15.7	16.6	15.7	20
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	1192	1032	1068	908	304	1048	904	830	936	1016
	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	1.97	19.4	3.31	0.83	NT	NT	NS	0	0	4.13
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0919	ND	ND	ND	ND	ND	ND
	Zinc	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	0.0192	0.0222

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Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location OB12	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	110	100	108	44	106	116	113	119	126	123
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0989	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	0.0178	0.0206
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	33.3	39	32.3	34.1	33	38.3	26.5	36.7	33.8	35
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	69.9	83.9	65.8	80.1	62.7	76.9	66.4	79	70.5	77.9
	Chromium	ND	ND	0.0104	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	ND	12.1	7.4	6.9	ND	8.1	ND	21	ND	ND
	Copper	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	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	165	189	162	182	153	194	160	178	178	200
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	0.368	ND	0.228	ND	ND	ND	ND	0.2	ND	0.208
	Lead	0.0032	0.0032	0.0046	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	19.7	23.4	19.8	27	20.6	24.5	16.1	23.4	20.2	21.4
	Manganese	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	0.118	0.115
	Mercury	0.0004	0.0005	0.0011	ND	0.0015	0.0007	ND	ND	0.0003	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.00692	0.00761
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	1.622	2.25	1.377	1.59	1.14	1.26	0.99	1.02	0.87	0.83
	pH	NT	NT	NT	NT	NT	NT	NT	NT	5.84	6.14			5.46	5.51	5.29	5.81	5.53	5.56
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	3	3.04	2.32	3.24	2.69	3.26	2.97	3.33	2.88	2.89
	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	24.5	27.8	25.4	27.9	22.8	30	18.2	28.4	21.2	22
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	481.7	511.8			421.1	497.1	417.9	545.7	436.3	469.9
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	7.14	14.9	7.13	4.78	5.57	12	4.58	13.4	5.79	14.4
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	308	400	408	120	296	340	312	236	364	308
	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	2.49	5.15	0.328	0.167	NT	NT	NS	0	1.26	1.36
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	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	0.00586	0.00842

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Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location OB15	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	242	93	230	74	228	51	226	33	151	29
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	0.646	0.228	0.29	ND	0.307	ND	0.274	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	**0.0366**	ND	ND	ND	ND	ND	0.0069	ND	ND	ND	ND	ND	0.007	ND	ND	ND
	Barium	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	0.0624	0.0635
	Beryllium	ND	ND	**0.0088**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	**0.0099**	NT	NT	NT	NT	NT	0.0042	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	29.5	20.3	18	14.8	21.6	16.5	18.3	12.9	16.8	12
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	3.16	3.48	7.73	4.61	10	3.95	11.9	4.73	10.8	4.04
	Chromium	ND	0.009	**0.3214**	ND	0.0521	ND	ND	ND	0.019	ND	ND	0.0053	ND	ND	0.0114	ND	ND	ND
	Cobalt	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	0.0116	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	49.3	11.1	11.2	ND	27.3	ND	17.8	ND	ND	ND
	Copper	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	0.00585	0.00693
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	600	270	165	114	156	140	120	94	120	96
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	54.9	16	27.3	9.24	39.4	6.6	47.8	2.85	17.3	1.98
	Lead	ND	0.0088	**0.1747**	ND	**0.0409**	ND	ND	ND	**0.017**	ND	ND	ND	ND	ND	0.00794	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	23.2	24.5	17.4	22	21.6	21.3	17.4	16	17.3	14.5
	Manganese	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	1.1	0.13
	Mercury	ND	ND	0.0003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.00799	0.0115
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	0.008	ND	ND	ND	ND	0.292	ND	0.678
	pH	NT	NT	NT	NT	NT	NT	NT	NT	6.01	6.62			6.15	5.5	5.7	5.78	NM	5.4
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	3.15	2.3	2.18	2.29	2.46	2.12	2.32	2.04	2.07	1.84
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	35	14.5	53.3	36.1	59.1	29.2	62.5	26.1	50.6	17.3
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	576.4	368.7			535.4	323.1	521.8	329	NM	236.8
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	78.6	78.1	56.5	78.9	49.2	93.2	37.9	92.8	63.3	91.8
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	328	252	324	420	528	272	308	184	244	164
	Thallium	ND	ND	**0.0024**	ND	**0.0024**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	125	53.8	25.4	96.8	NT	NT	NS	46.8	NM	33
	Vanadium	ND	0.0032	0.1477	ND	0.0282	ND	ND	ND	0.0052	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	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	0.0516	0.0723

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

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location OB25	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	423	416	472	282	267	249	374	268	387	194
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	1.57	0.771	3.69	0.629	1.91	0.731	2.31	ND	2.94	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.004	ND	ND	ND	ND	0.0024	ND	ND	0.0037	**0.012**	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.175	0.0539
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	**0.0137**	**0.0057**	ND	ND	ND	ND	0.00617	ND	ND	ND
	Cadmium	0.0024	ND	ND	NT	NT	NT	NT	NT	**0.0174**	**0.0072**	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	111	89.9	90.2	92.7	65.1	73.3	89.5	56.2	91.2	39.6
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	156	183	173	62.3	86.6	73.5	158	59.5	175	34.8
	Chromium	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	0.0117	0.00604
	Cobalt	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	0.0373	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	1080	79.4	90	107	19.6	18.6	23.5	21.6	17.2	ND
	Copper	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	0.0153	0.00796
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	740	520	750	450	292	356	500	316	490	238
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	239	210	29.9	1.32	5.73	31.7	25.9	4.68	17	3.1
	Lead	**0.026**	0.0021	ND	ND	ND	0.0026	ND	ND	**0.148**	**0.0358**	ND	ND	0.0137	0.00771	0.0269	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	82.8	109	71.6	70.2	44.2	57.7	62.4	41.5	69	27
	Manganese	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	18.2	0.21
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	0.0003	ND	ND	0.00142	ND	0.00129	0.00052	ND	0.00022	ND
	Nickel	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	0.0256	0.00887
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	0.6782	2.31	ND	1.33	ND	ND	ND	0.606	ND	2.13
	pH	NT	NT	NT	NT	NT	NT	NT	NT	6.19	5.51			8.7	7	5.98	7.16	6.12	6.86
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	17.6	15.9	16.6	7.24	14.3	10.7	16.8	9.22	16.4	6.49
	Selenium	0.0053	ND	ND	ND	0.0023	ND	ND	ND	0.0364	0.0172	0.0059	ND	ND	0.00523	0.00877	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	84	76.6	88.9	100	54.3	43.9	69	39	83.5	20.4
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	1301	1340			NT	627.7	931.1	394.5	807.1	491.2
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	71.8	75.3	67	32.1	39.7	44.1	61.8	39.6	65	32.6
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	888	916	916	532	252	568	756	454	838	324
	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	10100	3870	357	15050	NT	NT	NS	51	153	65
	Vanadium	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	0.00998	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	3.95	1.09	0.109	0.0216	0.0256	0.112	0.13	0.0196	0.04	0.015

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Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location ST15	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	80	115	79	98	31	99	38	68	29	180
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.239	ND	ND	ND	ND	ND	ND	ND	0.895
	Antimony	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.0165	0.0888
	Beryllium	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	33.4	36.7	32.5	27.4	10.3	31.2	14.4	31.1	11.4	61.7
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	58.2	102	67.7	38.1	5.32	157	13.1	75.3	10.2	1090
	Chromium	ND	ND	ND	ND	ND	ND	NT	0.0041	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	ND	NT	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	ND	7.2	6.7	24.8	14.1	22.8	14.5	ND	ND	36.2
	Copper	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	ND	0.00886
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	160	180	160	95	29	122	48	124	36	252
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	0.372	0.814	0.701	0.863	ND	0.846	0.68	0.454	0.345	ND
	Lead	ND	ND	ND	ND	ND	ND	NT	0.0032	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	13.7	17.6	15	8.5	2.23	12	3.73	16	3.01	20.3
	Manganese	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	0.0382	0.329
	Mercury	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	ND	0.0119
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	1.465	1.3279	1.3876	0.401	ND	0.799	ND	1.66	ND	1.6949
	pH	NT	NT	NT	NT	NT	NT	NT	NT	7.39	7.19			7.34	7.55	6.19	6.46	6.83	6.64
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	2.59	3.08	2.58	3.48	2.15	4.16	1.48	2.11	1.14	6.83
	Selenium	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	24.5	59	24.8	28	4.33	108	7.36	29.1	7.17	607
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	386.7	538.8			82.1	703.9	118.1	526.3	93.3	3441
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	20.7	15.6	25.5	7.19	4.42	8.46	ND	12.6	ND	25.3
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	280	368	404	204	1276	392	100	222	6	2028
	Thallium	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	3.04	5.24	6.06	25.6	NT	NT	NS	NS	6.2	16.4
	Vanadium	ND	ND	ND	ND	ND	ND	NT	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	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	0.00503	0.0167

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location ST120	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	64	74	70	60	49	52	72	56	57	64
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0447	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	0.044	0.0927
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	25.7	34	31.6	23.1	33.4	23.3	24.9	29.6	27.4	46.1
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	197	93.2	102	50.1	110	47	335	67.8	928
	Chromium	0.0021	0.0021	0.0026	0.0027	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	ND	7	11.1	15.1	11.9	9.7	ND	25.8	ND	14.3
	Copper	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	ND	0.00839
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	340	150	180	113	73	98	100	130	120	208
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	0.525	1	0.705	0.661	0.75	0.474	0.704	0.639	0.579	0.876
	Lead	0.0031	0.0028	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	0.00528	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	12.3	19.1	16.3	14.2	12.6	11.5	14.2	14.8	12.9	22.5
	Manganese	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	0.0795	0.128
	Mercury	0.0006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.0065	0.0146
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	1.029	1.2126	0.792	0.787	0.581	1.33	1.3	1.2	0.812	1.38
	pH	NT	NT	NT	NT	NT	NT	NT	NT	7.41	5.96			6.98	7.38	6.68	7.35	7.4	7.34
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	1.88	3	3.02	2.51	3.08	2.25	2.2	3.01	2.67	6.08
	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	27.5	170	34	53.7	34.5	65.1	15.3	181	19.8	561
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	370.8	1116			236.6	489.4	303.4	1297	340	2780
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	7.6	17.2	13.5	7.5	6.45	7.76	5.56	7.85	8.37	24.8
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	244	720	376	372	208	284	228	660	272	1676
	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	2.12	8.2	2.4	3.86	NT	NT	NS	5	ND	9.8
	Vanadium	0.004	ND	0.0033	0.0028	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.0124	ND	0.00891	0.00844	0.0106	ND	0.00746	0.00635	0.0157

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Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location ST65	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	70	235	88	243	203	237	98	253	112	74
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0351	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	0.044	0.0685
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	18.1	40	34.3	33.9	34.2	30.6	34.3	34.6	40	37.6
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	51.7	85.7	98.4	99.6	154	136	91.5	171	68.4	586
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	0.0134	ND	ND	ND	ND	0.0137	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	34.8	34.7	7.7	35.1	39.2	32.6	10.5	60.7	ND	18.6
	Copper	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	ND	0.00551
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	100	222	170	180	174	178	150	196	170	174
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	10.1	0.529	0.286	0.657	0.613	0.507	0.548	0.39	0.294	0.491
	Lead	ND	0.0032	ND	ND	ND	ND	ND	ND	0.0036	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	10.6	30.7	18.4	26.9	23.7	29	17.4	28.3	19	20.1
	Manganese	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	0.0705	0.154
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	ND	0.00902
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.7773	1.117	0.392	ND	0.621	0.654	ND	1.16	1.37
	pH	NT	NT	NT	NT	NT	NT	NT	NT	6.7	6.31			7.07	7.56	6.96	6.42	7.48	7.88
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	2.92	14.3	4	14.8	14.9	13.8	4.68	17	4.53	5.1
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0082	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	25.7	110	37	121	115	136	26.3	136	27.5	345
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	302.3	884.2			795.9	872.7	471.5	1037	466.9	1916
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	5.32	42.1	10.8	26.6	32.8	25.4	10.4	26.3	29.2	19.8
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	196	500	500	524	588	532	360	562	352	1038
	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	90.3	5.03	0.696	8.26	NT	NT	NS	NS	0	NR
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	0.0036	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	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	ND	0.00897

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

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location ST70	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	109	106	115	105	81	128	79	108	92	105
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.497	ND	0.477	ND	0.383	ND	0.555	ND	0.612
	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	0.0885	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	0.0606	0.0934
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	38.2	37.9	42.8	32.5	27.4	56.8	31.7	49.3	39.8	44.1
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	85.8	68.8	97.6	79.8	50.6	122	49.5	145	62.6	674
	Chromium	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	0.0229	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	ND	14.1	10	18.5	15.3	17.2	19.5	ND	22.4	15.3
	Copper	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	0.00922	0.00726
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	170	150	170	128	110	188	124	180	140	192
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	0.421	0.98	0.357	1.04	0.555	1.36	0.466	0.77	0.486	0.706
	Lead	ND	0.0023	ND	ND	0.0039	ND	ND	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	16.3	15.9	17.8	13.6	8.98	16.5	11.7	18.9	11.8	19
	Manganese	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	0.0973	0.344
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.00737	0.0103
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	1.8591	1.124	1.4818	0.831	0.774	1.489	0.878	2.071	0.523	1.481
	pH	NT	NT	NT	NT	NT	NT	NT	NT	7.54	6.61			7.05	8.51	6.53	6.52	7.45	7.41
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	4.3	4.4	6.84	4.15	4.52	13.1	5.33	14.3	13.5	14.3
	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	34.2	69.8	40.1	45.6	20.4	77.1	22.1	70.3	25.9	384
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	520.6	625.1			291.6	691	315.7	739	424.7	2485
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	20.8	18.4	25.2	12.8	11.6	41.4	27.4	29.7	28.7	24.1
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	352	392	524	312	256	448	256	380	308	1286
	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	1.96	9.24	0.753	10.7	NT	NT	NS	155	0.6	3
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	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	0.0215	0.0257

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

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location ST80	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	48	110	44	32	42	34	54	34	569	31
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.456	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	0.0436	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	0.0391	0.0505
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	16.2	37.9	12.5	11.8	11.9	14.2	18.6	16.5	17.5	16.4
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	32.6	92.3	28.6	27.1	29.4	45.8	38.1	107	43	207
	Chromium	ND	ND	ND	0.0026	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0023	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	ND	12.5	17	14.6	12.5	10.3	10.8	ND	14.4	ND
	Copper	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	0.00841	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	70	152	68	46	55	58	86	66	76	84
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	0.32	0.821	0.863	1.44	0.52	0.741	1.17	0.759	0.55	0.464
	Lead	0.0028	0.0023	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	7.41	15.4	6.23	5.73	5.47	7.92	11.2	8.71	10.5	9.32
	Manganese	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	0.0977	0.107
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.00542	0.00506
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	0.8957	1.1925	0.35	0.856	0.423	1.68	0.679	1.52	0.309	1.79
	pH	NT	NT	NT	NT	NT	NT	NT	NT	7.65	7.37			7	8.08	6.94	7.11	7.65	7.64
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	3.08	4.64	2.68	2.16	3.82	2.57	3.8	2.69	3.86	2.53
	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	17.4	69	14	14.6	12.1	28.2	16.4	64.6	17.2	110
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	216.2	616.7			162.9	234.2	255	466.6	231.3	685.1
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	8.16	17.3	5.53	6.57	6.04	5.77	5.55	8.53	6.35	10
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	144	380	168	144	160	168	160	246	180	396
	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	1.85	7.23	7.86	91.8	NT	NT	NS	1000+	4	8.8
	Vanadium	0.003	ND	ND	0.0028	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	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	0.0128	0.00834

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

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

NEW MONITORING WELL
Sampling Started in Fall 2010

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

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location MW2A	Alkalinity											30	40	35	46	54	NS	56	49
	Ammonia											ND	ND	ND	ND	ND	NS	ND	ND
	Antimony											ND	ND	ND	ND	ND	NS	ND	ND
	Arsenic											ND	ND	ND	ND	ND	NS	ND	ND
	Barium											0.0155	0.0299	0.0206	0.0209	0.0181	NS	0.0172	0.0247
	Beryllium											ND	ND	ND	ND	ND	NS	ND	ND
	Cadmium											ND	ND	ND	ND	ND	NS	ND	ND
	Calcium											4.89	7.78	8.86	10.5	11.1	NS	13.2	10.2
	Chloride											ND	2.74	2.69	2.65	2.63	NS	5.76	3.39
	Chromium											0.0084	0.0085	ND	0.0404	0.022	NS	ND	0.0184
	Cobalt											ND	ND	ND	0.014	ND	NS	0.00517	ND
	COD											ND	7.5	ND	ND	ND	NS	ND	ND
	Copper											0.008	0.0118	0.00689	0.028	0.0163	NS	0.0106	0.0543
	Hardness											19	25	22	32	32	NS	48	46
	Iron											1.38	3.14	0.68	1.27	0.725	NS	1.46	2.2
	Lead											ND	0.0055	ND	ND	ND	NS	ND	ND
	Magnesium											2.15	3.75	3.25	3.59	4.81	NS	5.72	4.58
	Manganese											0.12	0.173	0.204	0.148	0.151	NS	0.602	0.42
	Mercury											ND	ND	ND	0.00059	0.00076	NS	0.00029	0.001
	Nickel											0.0102	0.0092	0.00547	0.032	0.0301	NS	0.0278	0.0165
	Nitrate											ND	ND	ND	ND	ND	NS	ND	ND
	pH													5.14	6.08	5.96	NS	5.31	NT
	Potassium											1.94	2.32	1.8	2.12	2.14	NS	2.27	2.12
	Selenium											ND	ND	ND	ND	ND	NS	ND	ND
	Silver											ND	ND	ND	ND	ND	NS	ND	ND
	Sodium											7.15	7.07	6.09	10.4	8.38	NS	9.54	7.47
	Spec. Cond.													73.1	118.1	89.6	NS	104.3	NT
	Sulfate											ND	ND	ND	ND	ND	NS	ND	ND
	TDS											465	112	108	84	100	NS	4	70
	Thallium											ND	ND	ND	ND	ND	NS	ND	ND
	Turbidity											58.9	117.6	NT	NT	NS	NS	11.3	NT
	Vanadium											ND	ND	ND	ND	ND	NS	ND	ND
	Zinc											0.0114	0.0229	0.0187	0.0369	0.0247	NS	0.0322	NT

NEW MONITORING WELL Sampling Started in Fall 2010

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

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location MW2B	Alkalinity											29	37	33	40	36	41	34	37
	Ammonia											ND	ND	ND	ND	ND	ND	ND	ND
	Antimony											ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic											ND	ND	ND	ND	ND	ND	ND	ND
	Barium											0.0113	0.0095	0.0123	0.00636	0.00799	0.00706	0.00696	0.00712
	Beryllium											ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium											ND	ND	ND	ND	ND	ND	ND	ND
	Calcium											4.92	8.72	7.2	9.89	11.7	10.7	10.1	11
	Chloride											ND	ND	ND	ND	2.55	ND	ND	2.58
	Chromium											ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt											ND	ND	ND	ND	ND	ND	ND	ND
	COD											ND	ND	ND	ND	ND	12.6	ND	ND
	Copper											0.0054	ND	ND	0.00608	ND	ND	ND	ND
	Hardness											18	24	35	30	34	34	30	56
	Iron											ND	ND	ND	ND	ND	ND	ND	ND
	Lead											ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium											1.94	2.84	2.85	2.44	3.04	2.58	2.56	2.74
	Manganese											0.0868	0.063	0.044	0.0393	0.0302	0.0342	0.023	0.0211
	Mercury											ND	ND	ND	ND	0.00058	ND	ND	ND
	Nickel											ND	ND	ND	0.00523	0.00624	ND	ND	ND
	Nitrate											ND	ND	ND	ND	ND	ND	ND	ND
	pH													5	5.39	5.49	5.61	5.13	5.31
	Potassium											1.36	1.58	1.39	1.66	1.74	1.83	1.47	1.59
	Selenium											ND	ND	ND	ND	ND	ND	ND	ND
	Silver											ND	ND	ND	ND	ND	ND	ND	ND
	Sodium											6.99	5.22	4.88	8.64	4.89	4.66	4.17	4.62
	Spec. Cond.													54.9	76	78.6	94.8	74	78.2
	Sulfate											ND	ND	ND	ND	ND	ND	ND	ND
	TDS											648	56	44	92	84	4	72	66
	Thallium											ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity											2.43	1.29	NT	NT	NS	0.57	0	0.9
	Vanadium											ND	ND	ND	ND	ND	ND	ND	ND
	Zinc											0.00606	0.008	0.00794	0.00753	0.00694	0.00721	0.00981	0.00716

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

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

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

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

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location MW04	Alkalinity											70	60	52	56	51	55	55	55
	Ammonia											ND	ND	ND	ND	ND	ND	ND	ND
	Antimony											ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic											ND	ND	ND	ND	ND	ND	ND	ND
	Barium											0.228	0.0431	0.0409	0.0721	0.0383	0.0383	0.0417	0.0417
	Beryllium											ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium											ND	ND	ND	ND	ND	ND	ND	ND
	Calcium											34.4	35.5	34.5	40.4	33.4	39.6	35.1	35.1
	Chloride											106	138	120	145	125	141	128	128
	Chromium											0.0261	ND	ND	0.00761	ND	ND	ND	ND
	Cobalt											0.0264	ND	ND	ND	ND	ND	ND	ND
	COD											ND	ND	ND	3.1	ND	ND	ND	ND
	Copper											0.037	ND	ND	0.0145	ND	0.0133	ND	ND
	Hardness											183	200	163	188	162	186	170	170
	Iron											37.6	1.21	1.06	7.69	0.889	0.97	0.786	0.786
	Lead											**0.022**	ND	ND	ND	ND	ND	ND	ND
	Magnesium											30.9	25.8	22.9	25.5	19.6	22.6	23.2	23.2
	Manganese											2.87	0.138	0.104	0.549	0.115	0.175	0.142	0.142
	Mercury											ND	ND	ND	ND	ND	ND	ND	ND
	Nickel											0.0758	0.0108	0.00554	0.0157	0.00948	0.0108	0.00928	0.00928
	Nitrate											0.3756	0.378	0.406	0.47	0.444	0.465	0.489	0.489
	pH													5.7	5.96	5.5	6.11	6.05	6.05
	Potassium											12.2	3.56	2.76	4.51	3.01	3.47	2.53	2.53
	Selenium											ND	ND	ND	ND	ND	ND	ND	ND
	Silver											ND	ND	ND	ND	ND	ND	ND	ND
	Sodium											29.4	30.2	29.4	29.7	24.9	30.9	29.6	29.6
	Spec. Cond.													421.5	587.4	501.7	620.9	485.6	485.6
	Sulfate											ND	ND	ND	ND	ND	4.26	4.01	4.01
	TDS											552	552	520	528	428	310	442	442
	Thallium											ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity											880	13.2	NT	NT	NS	59.7	45.2	45.2
	Vanadium											0.0213	ND	ND	ND	ND	ND	ND	ND
	Zinc											0.138	0.00782	0.00755	0.0313	0.00689	0.00903	0.00733	0.00733

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Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location MW06	Alkalinity											260	264	214	238	197	216	183	208
	Ammonia											ND	ND	ND	ND	ND	ND	ND	ND
	Antimony											ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic											ND	ND	ND	ND	ND	ND	ND	ND
	Barium											0.675	0.303	0.319	0.365	0.433	0.259	0.301	0.3
	Beryllium											**0.007**	ND	ND	ND	ND	ND	ND	ND
	Cadmium											**0.0082**	ND	**0.00656**	**0.00618**	**0.00888**	ND	ND	ND
	Calcium											62.6	73.9	70.3	78.7	72.8	76.3	79.8	80.1
	Chloride											222	200	226	243	255	258	304	282
	Chromium											0.0533	ND	ND	0.00728	0.0229	0.00506	0.00639	0.0118
	Cobalt											0.33	0.322	0.216	0.374	0.343	0.388	0.263	0.281
	COD											ND	17.3	ND	ND	ND	ND	ND	ND
	Copper											0.143	0.0157	0.0106	0.0243	0.0414	0.0133	0.0149	0.0157
	Hardness											430	1720	430	470	452	472	500	500
	Iron											69.4	2.9	0.897	4.76	17.9	3.47	7.65	8.65
	Lead											**0.0519**	0.0101	0.011	0.0137	0.00953	ND	0.00541	0.00552
	Magnesium											57.9	54.9	53.5	56.3	53.1	54.9	56.7	56.3
	Manganese											38.9	54	37.63	44.4	37.6	48	40	44.7
	Mercury											ND	0.00035	ND	ND	ND	ND	ND	ND
	Nickel											0.154	0.0339	0.032	0.0429	0.0634	0.0463	0.0379	0.0409
	Nitrate											0.0757	ND	ND	ND	ND	ND	ND	ND
	pH													5.58	5.86	5.44	6.17	5.62	6.09
	Potassium											4.92	2.94	3.71	3.63	4.19	3.77	4	3.35
	Selenium											0.0429	0.0113	0.00983	0.00963	0.0151	0.00839	0.0133	0.00843
	Silver											ND	ND	ND	ND	ND	ND	ND	ND
	Sodium											56.2	63.1	61.2	70.9	59.6	65.3	66	64.3
	Spec. Cond.													984.9	1228	1211	1352	1248	1214
	Sulfate											54.1	58.7	45.2	43.4	47.4	48	50	62.1
	TDS											1080	868	1036	976	776	644	878	718
	Thallium											ND	ND	0.0001	ND	ND	ND	ND	ND
	Turbidity											5300	1540	NT	NT	NS	270	2651	589
	Vanadium											0.0531	ND	ND	0.0054	0.0149	ND	ND	0.00508
	Zinc											0.5	0.0516	0.0487	0.0616	0.136	0.0515	0.0561	0.0627

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location MW07	Alkalinity											90	42	69	42	31	68	48	139
	Ammonia											ND	ND	ND	ND	ND	ND	ND	0.265
	Antimony											ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic											ND	ND	ND	ND	ND	ND	ND	ND
	Barium											0.0666	0.0674	0.0636	0.058	0.0631	0.0635	0.0732	0.0659
	Beryllium											ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium											ND	ND	ND	ND	ND	ND	ND	ND
	Calcium											46.7	46.5	55.2	41.7	44.5	48.9	45.4	55.6
	Chloride											131	119	117	70.3	108	118	117	123
	Chromium											ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt											0.0066	ND	ND	0.0065	0.00727	ND	ND	0.01
	COD											12.6	15	15.1	14.6	ND	21.2	ND	23.7
	Copper											0.016	0.01	0.0084	0.0115	0.013	0.0172	0.011	0.0111
	Hardness											650	219	241	198	216	238	212	294
	Iron											0.69	0.517	ND	0.478	0.413	0.391	0.29	3.31
	Lead											ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium											23.2	28.1	31.5	25.7	24.7	27.6	27.7	28.7
	Manganese											2.01	0.761	0.562	0.681	0.34	1.3	1.22	1.88
	Mercury											ND	ND	ND	ND	ND	ND	ND	ND
	Nickel											0.0157	0.0064	0.00506	0.00667	0.00779	0.00689	0.00694	0.00771
	Nitrate											**10.35**	**14.59**	**18.45**	**29.09**	**22.65**	**15.0122**	**15.75**	6.206
	pH													5.55	5.62	5.04	5.79	5.57	5.55
	Potassium											3.16	3.81	3.36	3.09	3.8	4.23	2.82	3.81
	Selenium											ND	ND	ND	ND	ND	ND	ND	ND
	Silver											ND	ND	ND	ND	ND	ND	ND	ND
	Sodium											33.4	32.6	31.7	22.7	23.1	24.1	24.7	25.7
	Spec. Cond.													568.3	601.2	614.9	693.4	580.1	667.6
	Sulfate											13.1	12.4	11.7	5.6	11	5.66	7.76	10.5
	TDS											648	552	788	528	560	420	524	442
	Thallium											ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity											11.1	6.06	NT	NT	NS	0.8	3.7	6.09
	Vanadium											ND	ND	ND	ND	ND	ND	ND	ND
	Zinc											0.0246	0.0119	0.0106	0.0148	0.014	0.00977	0.00991	0.00955

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Sample Site	Parameter	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	Fall 2013	233
Monitoring Location MW08	Alkalinity											190	480	209	166	178	175	89	233
	Ammonia											0.726	1.94	ND	ND	ND	ND	ND	ND
	Antimony											ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic											ND	ND	ND	ND	ND	ND	ND	ND
	Barium											0.273	0.177	0.109	0.12	0.419	0.12	0.156	0.111
	Beryllium											ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium											ND	ND	ND	ND	ND	ND	ND	ND
	Calcium											59	114	76.2	70.1	67.4	67.5	46.9	87.3
	Chloride											190	207	210	198	223	172	197	142
	Chromium											0.0215	ND	ND	ND	0.0654	ND	0.0221	ND
	Cobalt											0.0816	ND	ND	ND	0.0838	ND	ND	ND
	COD											ND	26.3	6.2	11.5	ND	ND	ND	16
	Copper											0.054	0.0145	0.0067	0.00811	0.131	0.0134	0.0107	0.00694
	Hardness											270	600	99	332	344	302	218	412
	Iron											15.1	1.69	0.69	1.15	46.3	0.498	1.64	1.25
	Lead											0.01	ND	ND	ND	0.027	ND	ND	ND
	Magnesium											36.9	90.9	50.2	40.5	39.6	33.9	27.1	46
	Manganese											3.46	0.144	0.0902	0.0101	2.36	0.0338	0.182	0.0111
	Mercury											ND	ND	ND	ND	ND	ND	ND	ND
	Nickel											0.0534	0.0082	0.00713	0.0065	0.0821	ND	0.0241	0.00754
	Nitrate											7.63	**13.85**	5.65	**14.79**	**9.61**	4.75	5.21	**14.55**
	pH													6.65	6.59	5.76	6.57	6.39	6.61
	Potassium											10.4	19.1	14	11.8	12.9	13.6	8	12.7
	Selenium											ND	ND	ND	ND	0.0076	ND	ND	ND
	Silver											ND	ND	ND	ND	ND	ND	ND	ND
	Sodium											104	139	124	106	102	95.7	100	78.8
	Spec. Cond.													1040	1154	1199	1157	907.6	1121
	Sulfate											55	68.5	72.6	67.4	69	95.1	57.6	136
	TDS											696	1136	1016	776	712	642	520	740
	Thallium											ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity											1227	22.7	NT	NT	NS	8.7	NM	35.2
	Vanadium											0.0366	ND	ND	ND	0.0874	ND	ND	ND
	Zinc											0.16	0.0143	0.0109	0.0104	0.22	0.00708	0.0311	0.00846

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Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location MW09	Alkalinity											64	110	44	34	37	33	28	35
	Ammonia											ND	ND	ND	ND	ND	ND	ND	ND
	Antimony											ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic											ND	ND	ND	ND	ND	ND	ND	ND
	Barium											0.334	0.156	0.172	0.0682	1.33	0.0722	0.115	0.338
	Beryllium											ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium											ND	ND	ND	ND	ND	ND	ND	ND
	Calcium											15.8	14.9	12.4	10.48	17.5	12	11	14.8
	Chloride											11.9	10.9	12.3	12.1	13.6	12.9	13.9	152
	Chromium											0.0588	0.032	ND	0.00903	0.0384	0.027	0.0263	0.0363
	Cobalt											0.0341	0.016	ND	ND	0.0603	0.00569	0.00872	0.0138
	COD											ND	ND	ND	ND	ND	ND	ND	ND
	Copper											0.0339	0.0174	ND	0.0083	0.0369	0.0196	0.017	0.0177
	Hardness											80	48	140	50	84	46	48	68
	Iron											48.6	16.7	ND	3.05	26.2	6.41	14.7	22.2
	Lead											**0.0373**	0.0132	0.0124	ND	0.0544	ND	0.0109	0.0137
	Magnesium											24.4	13.2	6.9	7.22	15.9	8.44	11.8	15.7
	Manganese											1.8	0.689	0.196	0.242	3.19	0.273	0.415	0.626
	Mercury											ND	ND	0.00035	ND	0.00045	ND	ND	ND
	Nickel											0.0553	0.0274	ND	0.00936	0.034	0.0217	0.0249	0.0318
	Nitrate											1.25	1.25	1.14	1.47	1.18	1.45	1.49	1.36
	pH													5.25	5.08	5.23	5.42	5.05	5.07
	Potassium											17.8	7.41	1.54	2.09	9.63	3.45	5.4	8.61
	Selenium											ND	ND	ND	ND	0.00879	ND	ND	ND
	Silver											ND	ND	ND	ND	ND	ND	ND	ND
	Sodium											7.23	3.75	3.91	4.26	3.77	7.95	4.13	87.1
	Spec. Cond.													105.3	105.1	122.5	120.2	70.2	579.6
	Sulfate											ND	ND	ND	ND	ND	ND	ND	ND
	TDS											168	172	116	80	112	196	96	370
	Thallium											ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity											1160	398	NT	NT	NS	446	1235	644
	Vanadium											0.0541	0.0285	ND	ND	0.0306	0.00762	0.0167	0.0258
	Zinc											0.189	0.0777	0.0166	0.0242	0.157	0.0363	0.0871	0.0867

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

Sample Site	Parameter	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	Fall 2013	Spring 2014
Monitoring Location MW10	Alkalinity											100	75	78	65	79	59	86	68
	Ammonia											ND	ND	ND	ND	ND	ND	ND	ND
	Antimony											ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic											ND	ND	ND	ND	ND	ND	ND	ND
	Barium											1.49	0.124	0.414	0.116	0.157	0.0878	0.448	0.104
	Beryllium											ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium											ND	ND	ND	ND	ND	ND	ND	ND
	Calcium											29.1	14.2	21.2	16.1	21.1	17.2	23.3	18.3
	Chloride											6.75	19.4	8.02	8.31	9.6	6.76	7.95	6.97
	Chromium											**0.125**	ND	0.00566	0.0102	0.0174	0.00814	0.0677	ND
	Cobalt											0.0659	ND	0.0103	0.00519	0.00667	ND	0.0308	ND
	COD											ND	36.6	ND	4.4	ND	ND	ND	ND
	Copper											0.197	0.0123	0.0292	0.027	0.0283	0.0254	0.108	0.0139
	Hardness											110	70	72	68	82	60	90	82
	Iron											201	ND	5.7	9	12.6	5.5	55.7	4.31
	Lead											**0.0611**	ND	**0.0153**	ND	0.00502	ND	**0.0181**	ND
	Magnesium											78.3	9.1112	10.7	9.78	11.2	8.42	26.4	9.06
	Manganese											3.59	0.044	0.38	0.158	0.212	0.0983	0.931	0.0692
	Mercury											ND	ND	ND	ND	ND	ND	ND	ND
	Nickel											0.111	ND	0.013	0.0112	0.0172	0.00985	0.0607	0.00743
	Nitrate											ND	ND	ND	ND	ND	ND	ND	ND
	pH													5.35	5.8	5.53	5.95	5.9	5.62
	Potassium											43.5	1.26	2.12	2.78	3.27	2.29	11.3	1.81
	Selenium											0.0085	ND	ND	ND	ND	ND	ND	ND
	Silver											ND	ND	ND	ND	ND	ND	ND	ND
	Sodium											12.4	10.1	8.3	8.54	9.1	12.4	9.52	9.11
	Spec. Cond.													132.5	144.6	184	164.9	183	148.4
	Sulfate											7.56	8.3	7.83	8.02	7.4	8.41	6.47	8.64
	TDS											148	140	140	116	160	162	142	144
	Thallium											ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity											4340	3140	NT	NT	NS	203	1583	114
	Vanadium											0.189	ND	0.00943	0.0242	0.0319	0.0143	0.124	0.0107
	Zinc											0.337	0.132	0.0575	0.0335	0.0444	0.0272	0.19	0.0606

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

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

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

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

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

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

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

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

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

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

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TABLE A - Filtered and Unfiltered Sampling Results for Metals

Parameter		Monitoring Well									
		OB01	OB02	OB02A	OB03	OB03A	OB04	OB04A	OB06	OB07	OB07A
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	0.00882	**0.0106**	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	**0.0104**	**0.0102**	ND	ND	ND
Barium	Unfiltered	0.231	0.0575	0.399	0.554	0.376	0.294	0.0681	0.205	0.029	0.0458
	Filtered	0.233	0.0406	0.397	0.54	0.356	0.297	0.0633	0.19	0.029	0.0471
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	86.6	23.3	88.9	65.6	62.8	175	142	146	127	93.5
	Filtered	88.3	19.9	95.6	68	66.3	160	117	144	128	105
Chromium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	0.00725	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt	Unfiltered	0.012	ND	ND	0.0526	0.047	ND	ND	0.00565	ND	ND
	Filtered	0.0121	ND	ND	0.0525	0.0464	ND	ND	ND	ND	ND
Copper	Unfiltered	0.00623	0.00863	ND	ND	ND	0.0382	0.0281	0.0164	ND	ND
	Filtered	0.00666	ND	ND	ND	ND	0.0373	0.0251	0.00677	ND	ND
Iron	Unfiltered	0.55	3.27	0.574	19	20.7	0.921	1.05	7.3	0.699	0.533
	Filtered	0.461	0.368	0.469	19.6	21.9	ND	ND	0.88	0.681	0.507
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	52.1	9.4	49.2	37.4	44.4	88.3	98.8	61.9	40.3	52.9
	Filtered	53.7	7.43	53	39.2	47.5	78.6	79.8	60.2	40.7	59.3
Manganese	Unfiltered	4.99	0.686	0.0469	17.3	8.71	2.63	1.32	0.557	0.0394	0.0665
	Filtered	4.92	0.592	0.0474	17.2	8.45	2.75	1.33	0.522	0.0386	0.0553
Mercury	Unfiltered	ND	ND	ND	ND	ND	ND	ND	0.00051	0.00051	0.00085
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	0.00034	0.00064
Nickel	Unfiltered	0.0313	0.00559	0.0148	0.0176	0.0162	0.0174	0.0238	0.0151	ND	ND
	Filtered	0.033	ND	0.0149	0.0174	0.0155	0.0187	0.0232	0.0108	ND	ND
Potassium	Unfiltered	4.35	3.48	5.01	8.52	15	7.74	5.38	5.57	3.3	2.45
	Filtered	4.31	2.84	4.58	8.23	13.8	6.57	4.65	4.82	3.4	2.46
Selenium	Unfiltered	ND	ND	ND	ND	ND	0.0303	0.0358	0.0117	0.00629	0.00692
	Filtered	ND	ND	ND	ND	ND	0.0351	0.0349	0.0122	0.00702	0.00798
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	94.1	10	30.9	53.8	83.7	71.4	106	105	22.1	26.1
	Filtered	97	8.56	33.7	55.1	88.6	62.7	85.2	104	22.3	29.1
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	0.00736	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	Unfiltered	0.0133	0.0162	0.00758	0.0137	0.00736	0.00999	0.0239	0.0357	ND	ND
	Filtered	0.0131	0.00604	0.00892	0.0132	0.0071	0.00883	0.0226	0.0193	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	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium	Unfiltered	0.125	0.0677	0.0622	0.367	0.277	0.0329	0.206	0.0206	0.0635	0.0539
	Filtered	0.068	0.126	0.0622	0.351	0.242	0.0314	0.203	0.0206	0.0632	0.0489
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	**0.0109**	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	**0.0109**	ND	ND	ND	ND
Calcium	Unfiltered	54.3	47.1	53.3	116	147	117	79.6	35	12	39.6
	Filtered	49.3	57.7	50.4	114	144	127	80.7	36.2	13.4	40.7
Chromium	Unfiltered	ND	ND	ND	ND	0.0213	ND	ND	ND	ND	0.00604
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt	Unfiltered	0.00647	0.0153	0.0062	0.0695	0.0214	ND	0.0235	ND	ND	ND
	Filtered	0.0155	0.00658	0.00637	0.0652	ND	ND	0.0238	ND	ND	ND
Copper	Unfiltered	ND	ND	ND	0.0616	0.0321	0.00731	0.00578	ND	0.00693	0.00796
	Filtered	ND	ND	ND	0.0359	ND	0.00706	0.00526	ND	ND	ND
Iron	Unfiltered	0.692	3.06	1.14	3.64	27.2	0.641	0.929	0.208	1.98	3.1
	Filtered	3.25	0.705	1.12	ND	7.62	0.621	0.808	ND	0.807	0.21
Lead	Unfiltered	ND	ND	ND	ND	0.00748	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	Unfiltered	17.6	17.9	30.3	99.2	128	57.6	57.4	21.4	14.5	27
	Filtered	18.9	17.1	28.6	96.3	121	65.7	60.1	23	17.1	28.1
Manganese	Unfiltered	5.84	6.94	3.96	18.8	1.91	0.845	6.8	0.115	0.13	0.21
	Filtered	6.89	5.59	4.16	18.2	1.91	0.84	6.43	0.119	0.161	0.141
Mercury	Unfiltered	ND	ND	ND	ND	0.00061	**0.00262**	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	0.00159	ND	ND	ND	ND
Nickel	Unfiltered	0.00699	0.0066	0.00829	0.0903	0.0508	0.032	0.0179	0.00761	0.0115	0.00887
	Filtered	0.00668	0.00707	0.00852	0.0871	0.0253	0.0338	0.018	0.00769	0.00892	ND
Potassium	Unfiltered	2.61	2.72	3.09	44.9	51.5	4.98	6.79	2.89	1.84	6.49
	Filtered	2.82	2.78	3.04	43.7	46.4	4.98	6.84	2.73	1.85	7.02
Selenium	Unfiltered	ND	ND	ND	0.0162	0.0169	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	0.0147	0.0187	0.00633	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	20.1	24.7	19.6	523	224	62	83	22	17.3	20.4
	Filtered	26.6	22.5	18.4	522	188	70.9	88.4	24.1	17.6	21.7
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	0.0307	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	Unfiltered	0.00666	0.00625	0.00671	0.0231	0.18	0.0441	0.0222	0.00842	0.0723	0.015
	Filtered	0.00559	0.00549	0.00565	0.0119	0.018	0.0431	0.0211	0.00663	0.0533	0.00947

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	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
Barium	Unfiltered	0.00701	0.0247	0.00712	0.0367	0.0491	0.0483	0.3	0.0659	0.111	0.338
	Filtered	0.00625	NT	0.00672	0.00696	0.0159	0.0394	0.261	0.0674	0.11	0.183
Beryllium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	Unfiltered	7.81	10.2	11	4.52	34.3	45.6	80.1	55.6	87.3	14.8
	Filtered	8.13	NT	10.2	4	28.1	43.7	82.3	55.5	86.4	11.8
Chromium	Unfiltered	ND	0.0184	ND	0.0121	0.053	ND	0.0118	ND	ND	0.0363
	Filtered	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt	Unfiltered	ND	ND	ND	0.00563	0.00581	ND	0.281	0.01	ND	0.0138
	Filtered	ND	NT	ND	ND	ND	ND	0.317	0.00778	ND	ND
Copper	Unfiltered	ND	0.0543	ND	0.0288	0.0258	ND	0.0157	0.0111	0.00694	0.0177
	Filtered	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
Iron	Unfiltered	0.289	2.2	ND	10.1	5.68	1.92	8.65	3.31	1.25	22.2
	Filtered	ND	NT	ND	ND	ND	0.475	0.925	2.5	0.537	ND
Lead	Unfiltered	ND	ND	ND	0.0052	0.00773	ND	0.00552	ND	ND	0.0137
	Filtered	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	Unfiltered	4.63	4.58	2.74	5.74	6.81	25	56.3	28.7	46	15.7
	Filtered	4.98	NT	2.55	1.83	4.47	24.5	58.1	29.2	47.5	6.31
Manganese	Unfiltered	0.0186	0.42	0.0211	0.172	0.221	0.257	44.7	1.88	0.0111	0.626
	Filtered	ND	NT	0.0199	ND	0.0124	0.156	47.1	1.7	ND	0.115
Mercury	Unfiltered	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	Unfiltered	ND	0.0165	ND	0.0126	0.0605	0.013	0.0409	0.00771	0.00754	0.0318
	Filtered	ND	NT	ND	ND	ND	0.00984	0.0346	0.00729	0.00664	0.00669
Potassium	Unfiltered	1.06	2.12	1.59	2.77	3.19	3.03	3.35	3.81	12.7	8.61
	Filtered	1.08	NT	1.55	0.97	2.24	2.75	3.28	3.58	13	ND
Selenium	Unfiltered	ND	ND	ND	ND	ND	ND	0.00843	ND	ND	ND
	Filtered	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
Silver	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	Unfiltered	8.04	7.47	4.62	4.24	19.4	30.3	64.3	25.7	78.8	87.1
	Filtered	8.91	NT	4.57	4.03	18.5	30.2	67.5	25.8	81.5	58.6
Thallium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	Unfiltered	ND	ND	ND	0.0132	0.00683	ND	0.00508	ND	ND	0.0258
	Filtered	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	Unfiltered	0.00628	NT	0.00716	0.041	0.03	0.0103	0.0627	0.00955	0.00846	0.0867
	Filtered	0.00639	NT	0.00877	ND	0.00596	0.00568	0.0429	0.00928	0.00573	0.0149

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	0.00882	0.0106	0.00971
	Filtered	ND	ND	ND	ND	ND	ND	0.0102	0.0104	0.0103
Barium	Unfiltered	0.104	0.158	0.0348	0.471	0.44	0.0794	0.00701	0.554	0.1613953
	Filtered	0.0743	0.0239	0.021	0.451	0.172	0.0787	0.00625	0.54	0.1407666
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	0.0109	0.0109	0.0109
	Filtered	ND	ND	ND	ND	ND	ND	0.0109	0.0109	0.0109
Calcium	Unfiltered	18.3	10.9	17.5	46.4	29	90	4.52	175	63.1925
	Filtered	17.4	8.27	17.3	45.4	25.4	89.4	4	160	63.965714
Chromium	Unfiltered	ND	0.0384	0.00518	ND	0.0436	ND	0.00518	0.053	0.0230336
	Filtered	ND	ND	ND	ND	ND	ND	0	0	0
Cobalt	Unfiltered	ND	0.0155	ND	ND	0.0378	ND	0.00563	0.281	0.0370094
	Filtered	ND	ND	ND	ND	0.00888	ND	0.00637	0.317	0.0511009
Copper	Unfiltered	0.0139	0.0413	0.00699	0.00787	0.095	ND	0.00578	0.095	0.02368
	Filtered	ND	ND	ND	0.00836	ND	ND	0.00526	0.0373	0.0165513
Iron	Unfiltered	4.31	27.8	2.73	1.17	45.9	0.458	0.208	45.9	6.7186857
	Filtered	ND	ND	ND	0.283	0.307	0.472	0.21	21.9	2.848087
Lead	Unfiltered	ND	0.00791	ND	ND	**0.0172**	ND	0.0052	0.0172	0.0092486
	Filtered	ND	ND	ND	ND	ND	ND	0	0	0
Magnesium	Unfiltered	9.06	12.7	9.36	22.9	31.9	30.2	2.74	128	36.608889
	Filtered	9.1	3.63	9.99	22.2	17.9	30.7	1.83	121	36.236857
Manganese	Unfiltered	0.0692	0.464	0.0516	0.0658	0.954	0.0342	0.0111	44.7	3.6628167
	Filtered	0.0194	0.0101	ND	0.0432	0.342	0.0359	0.0101	47.1	4.190329
Mercury	Unfiltered	ND	ND	ND	ND	0.00142	0.00022	0.000223	0.00262	0.0009665
	Filtered	ND	ND	ND	ND	ND	ND	0.000339	0.00159	0.0008547
Nickel	Unfiltered	0.00743	0.036	0.00535	0.00786	0.0462	0.00514	0.00514	0.0903	0.0212869
	Filtered	ND	ND	ND	0.00796	0.00944	0.0054	0.0054	0.0871	0.017685
Potassium	Unfiltered	1.81	5.26	1.46	3.27	12.2	3.66	1.06	51.5	7.1805556
	Filtered	1.14	0.615	1	3.2	2.2	3.78	0.615	46.4	6.4177941
Selenium	Unfiltered	ND	ND	ND	ND	ND	ND	0.00629	0.0358	0.0165675
	Filtered	ND	ND	ND	ND	ND	ND	0.00633	0.0351	0.0171163
Silver	Unfiltered	ND	ND	ND	ND	ND	ND	0	0	0
	Filtered	ND	ND	ND	ND	ND	ND	0	0	0
Sodium	Unfiltered	9.11	3.89	9.7	88.4	14.3	17.7	3.89	523	58.118611
	Filtered	11.1	4.78	11.9	85.4	14.7	17.9	4.03	522	58.052857
Thallium	Unfiltered	ND	ND	ND	ND	ND	ND	0	0	0
	Filtered	ND	ND	ND	ND	ND	ND	0	0	0
Vanadium	Unfiltered	0.0107	0.0424	0.0088	ND	0.0979	ND	0.00508	0.0979	0.024877
	Filtered	ND	ND	ND	ND	ND	ND	0	0	0
Zinc	Unfiltered	0.0606	0.0925	0.0122	0.0241	0.134	0.00636	0.00625	0.18	0.0334661
	Filtered	0.0555	0.00718	ND	0.0287	0.0159	0.00612	0.00549	0.0555	0.0158816

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 2012 Water Elevation (ft)	Spring 2013 Water Elevation (ft)	Fall 2013 Water Elevation (ft)	Spring 2014 Water Elevation (ft)	Elevation Change From Fall 2013 (ft)	Spring 2014 Measured Water Elevation From Ground Level (ft)
OB01	415.90	398.82	401.06	398.94	402.14	3.2	13.76
OB02	418.48	399.66	402.67	399.56	403.70	4.1	14.78
OB02A	418.61	399.55	402.78	399.35	403.93	4.6	14.68
OB03	409.86	382.35	386.55	382.37	388.63	6.3	21.23
OB03A	410.06	382.34	386.60	382.81	388.68	5.9	21.38
OB04	364.21	358.25	359.36	358.47	359.70	1.2	4.51
OB04A	365.37	358.81	360.01	359.04	360.72	1.7	4.65
OB06	339.78	327.47	330.72	328.04	331.55	3.5	8.23
OB07	329.49	318.40	322.56	318.98	323.25	4.3	6.24
OB7A	328.44	317.94	322.00	318.43	322.65	4.2	5.79
OB08	325.11	317.25	318.16	317.17	318.41	1.2	6.7
OB08A	325.31	316.89	317.82	316.79	318.06	1.3	7.25
OB10	325.77	318.45	319.06	318.38	319.06	0.7	6.71
OB102	363.17	349.74	351.42	349.88	351.92	2.0	11.25
OB105	363.45	359.25	360.35	359.80	361.18	1.4	2.27
OB11	362.56	352.90	354.21	352.55	354.37	1.8	8.19
OB11A	361.90	352.65	353.84	352.33	353.71	1.4	8.19
OB12	405.01	385.34	388.66	385.24	389.20	4.0	15.81
OB015	410.01	386.04	390.43	386.16	391.26	5.1	18.75
OB025	361.89	352.40	355.15	352.02	355.47	3.4	6.42
MW1B	434.00	383.41	382.12	382.43	383.62	1.2	50.38
MW2A	445.53	374.72	370.74	374.71	372.39	-2.3	73.14
MW2B	444.45	374.87	370.53	375.09	372.77	-2.3	71.68
MW3A	324.54	314.15	315.29	314.30	315.57	1.3	8.97
MW3B	324.73	314.81	316.74	314.96	317.51	2.5	7.22
MW04	324.75	318.10	318.47	318.13	318.58	0.4	6.17
MW06	417.29	399.74	401.98	399.83	402.88	3.0	14.41
MW07	433.81	385.87	388.64	385.68	390.50	4.8	43.31
MW08	412.66	385.36	390.52	385.51	393.18	7.7	19.48
MW09	417.69	396.19	399.45	396.43	400.36	3.9	17.33
MW10	394.03	382.60	386.36	382.78	388.17	5.4	5.86
MW11A	393.45	374.51	379.74	374.34	380.31	6.0	13.14
MW11B	393.40	374.12	377.54	374.26	378.10	3.8	15.3
MW12	397.55	380.20	383.74	380.20	384.11	3.9	13.44
MW13A	373.37	365.71	367.53	366.02	367.75	1.7	5.62
MW13B	373.35	366.66	368.29	366.94	368.49	1.6	4.86
AVERAGE						**2.9**	

NOTES:
- Elevations are from Sea Level

SPRING 2014

General Groundwater Flow Direction at Gude Landfill - SPRING 2014