



DEPARTMENT OF ENVIRONMENTAL PROTECTION

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Environmental
Protection

Isiah Leggett
County Executive

Robert G. Hoyt
Director

December 8, 2010

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 Fall 2010. 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 by Maryland Department of the Environment (MDE).

This report provides a summary of the results for water quality monitoring performed for the semiannual period from April 2010 to September 2010. Starting with this reporting period, 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 recently constructed 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 with the direction of your Office. To differentiate between the two sets of observation wells; the newly installed observation wells have been designated by the prefix "MW", while the preexisting wells are designated by an "OB", as in prior reports. Information pertaining to the newly installed monitoring wells (MW) including permits, location, completion reports, and construction records is included in this report.

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:
 - **Preexisting monitoring wells:** OB02, OB02A, OB06, OB07, OB07A, OB102, and OB15.
 - **Newly installed monitoring wells:** MW3A, MW3B, MW04, MW06, MW07, MW08, MW10, MW11A, MW11B, and MW12.
- No VOCs were detected above the recommended MCL in any of the monitored stream locations.
- A total of 51 VOCs exceeded the recommended MCL in following monitoring wells:
 - **Preexisting monitoring wells:** OB01 (1 exceedance), OB03 (5 exceedances), OB03A (5 exceedances), OB04 (1 exceedance), OB04A (1 exceedance), OB08 (1 exceedance), OB08A (1 exceedance), OB10 (2 exceedances), OB105 (1 exceedance), OB11 (7 exceedances), OB11A (5 exceedances), OB12 (5 exceedances), OB15(1 exceedance), and OB25 (2 exceedances).
 - **Newly installed monitoring wells:** MW09 (1 exceedance), MW13A (5 exceedances), and MW13B (7 exceedances).
- 65% of the MCL exceedances were detected at observation wells OB03/OB3A, OB11/OB11A, and MW13A/MW13B. Observation wells OB03/OB3A and MW13A/MW13B are located on the North section of the Landfill while OB11/OB11A are located on the South side.
- cis-1,2-Dichloroethene concentration exceeded the MCL of 70 ug/l in observation wells OB03/OB3A, OB11/OB11A, and MW13A/MW13B. Concentrations exceeding the MCL for this compound ranged from 73.6 ug/l in OB11 to 117 ug/l in OB03.
- Tetrachloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB03/OB3A, OB09, OB11/OB11A, OB12, and MW13A/MW13B. Concentrations exceeding the MCL for this compound ranged from 8.72 ug/l in OB09 to 22.7 ug/l in OB13B.
- Trichloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB03/OB3A, OB10, OB11/OB11A, OB12, and MW13A/MW13B. Concentrations exceeding the MCL for this compound ranged from 13.4 ug/l at OB10 to 33.9 ug/l at OB11.
- Vinyl Chloride concentration exceeded the MCL of 2 ug/l in observation wells OB01, OB03/OB3A, OB04/OB04A, OB08/OB08A, OB10, OB11/OB11A, OB105, OB12, OB15, OB25, and MW13A/MW13B. Concentrations exceeding the MCL for this compound ranged from 2.16 ug/l in OB04 to 31.6 ug/l in OB11A.
- Dichloromethane concentration exceeded the MCL of 5 ug/l in observation wells OB11/OB11A, OB12, and MW13A/MW13B. Concentrations exceeding the MCL for this compound ranged from 5.45 ug/l in OB11A to 24.2 ug/l in OB11.
- 1,2-Dibromo-3-chloropropane concentration exceeded the MCL of 0.2 ug/l in observation well OB25. Concentration exceeding the MCL for this compound was 143 ug/l.
- Benzene concentration exceeded the MCL of 5 ug/l in observation wells OB11 and MW13B. Concentration exceeding the MCL for this compound was 13.9 ug/l in OB11 and 5.56 in MW13B.

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 19 metals and other non-organic contaminants exceeded the recommended MCL in the following monitoring locations:
 - **Preexisting monitoring wells:** OB06 (2 exceedances), OB105 (3 exceedances), OB11 (2 exceedances).
 - **Newly installed monitoring wells:** MW3A (1 exceedance), MW04 (1 exceedance), MW06 (3 exceedances), MW07 (1 exceedance), MW09 (1 exceedance), MW10 (2 exceedances), MW11A (2 exceedances), and MW12 (1 exceedance).
- No metal contaminants were detected above the recommended MCL in any of the monitored stream locations.
- Arsenic with a recommended MCL of 0.01 mg/l was exceeded in samples collected from OB105 with a concentration of 0.0109 mg/l.
- Beryllium with a recommended MCL of 0.004 mg/l was exceeded in samples collected from MW06 with a concentration of 0.007 mg/l.
- Cadmium with a recommended MCL of 0.005 mg/l was exceeded in samples collected from OB11 with a concentration of 0.009 mg/l and in MW06 with a concentration of 0.0082 mg/l.
- Chromium with a recommended MCL of 0.1 mg/l was exceeded in samples collected from OB06 with a concentration of 0.127 mg/l, in MW10 with a concentration of 0.125 mg/l, and in MW11A with a concentration of 0.144 mg/l.
- Lead with a recommended MCL of 0.015 mg/l was exceeded in samples collected from observation well OB06 with a concentration of 0.0503 mg/l, in OB105 with a concentration of 0.0332 mg/l, in MW3A with a concentration of 0.0259 mg/l, in MW04 with a concentration of 0.022 mg/l, in MW06 with a concentration of 0.0519 mg/l, in MW09 with a concentration of 0.0373, in MW10 with a concentration of 0.0611 mg/l, in MW11A with a concentration of 0.0499 mg/l, and in MW12 with a concentration of 0.0616 mg/l.
(Note: The applied MCL for lead is different from other MCLs used in this report. The MCL for lead has been established for public drinking water systems and requires water samples to be collected from the tap. The regulations also require that no more than 10% of customer samples taken at the tap exceed the EPA Action Level of 0.015 mg/l. An action level exceedance is not a violation of water quality standards, but rather a trigger for further utility action. The MCL of 0.015 mg/l used in this report is only for comparative purposes.)
- Mercury with a recommended MCL of 0.002 mg/l was exceeded in samples collected from observation wells OB105 with a concentration of 0.0031 mg/l and in OB11 with a concentration of 0.0025 mg/l.
- Nitrate with a recommended MCL of 10 mg/l was exceeded in a sample collected from observation well MW07 with a concentration of 10.35 mg/l

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,

A handwritten signature in black ink, appearing to read "David Lake", written in a cursive style.

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

FALL 2010

Prepared by Montgomery County Department of Environmental Protection

Prepared for Maryland Department of Environment, Solid Waste Program

December 8, 2010

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Introduction:

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

Since 1984, to monitor the quality of ground and surface water, the Montgomery County Department of Environmental Protection (DEP) has been collecting samples at a total of 25 monitoring sites, which include 20 observation wells and 5 stream locations. Beginning in fall 2010, as part of an ongoing 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:

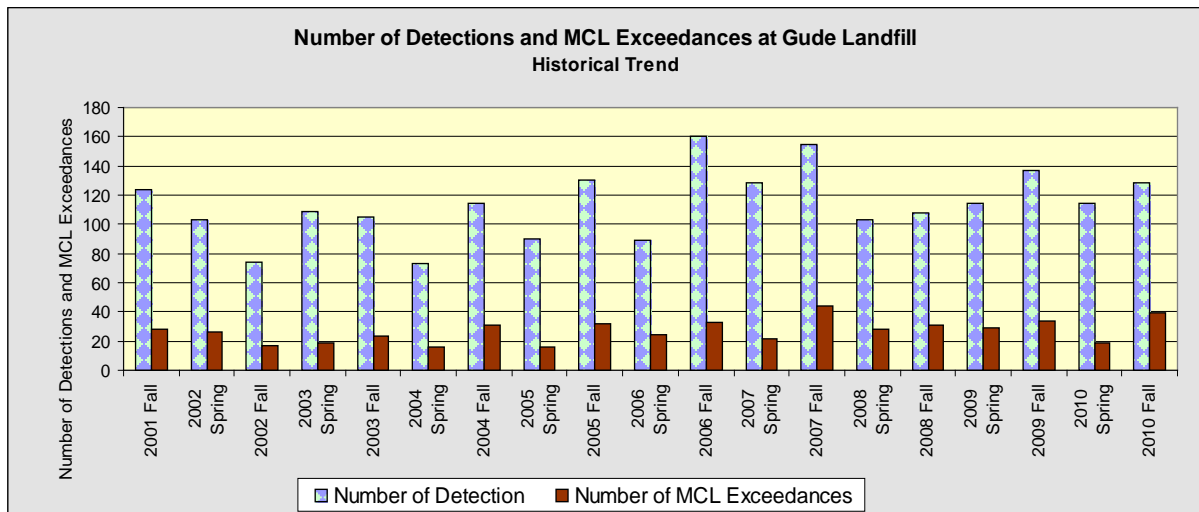
The following is a summary of monitoring results obtained for this reporting period.

- No VOCs were detected above recommended Maximum Contaminant Level (MCL) in the following monitoring wells:
 - **Preexisting monitoring wells:** OB02, OB02A, OB06, OB07, OB07A, OB102, and OB15.
 - **Newly installed monitoring wells:** MW3A, MW3B, MW04, MW06, MW07, MW08, MW10, MW11A, MW11B, and MW12.
- No VOCs were detected above the recommended MCL in any of the monitored stream locations.
- A total of 51 VOCs exceeded the recommended MCL in following monitoring wells:
 - **Preexisting monitoring wells:** OB01 (1 exceedance), OB03 (5 exceedances), OB03A (5 exceedances), OB04 (1 exceedance), OB04A (1 exceedance), OB08 (1 exceedance), OB08A (1 exceedance), OB10 (2 exceedances), OB105 (1 exceedance), OB11 (7

exceedances) OB11A (5 exceedances), OB12 (5 exceedances), OB15(1 exceedance), and OB25 (2 exceedances).

- **Newly installed monitoring wells:** MW09 (1 exceedance), MW13A (5 exceedances), and MW13B (7 exceedances).

- 65% of the MCL exceedances were detected at observation wells OB03/OB3A, OB11/OB11A, and MW13A/MW13B. Observation wells OB03/OB3A and MW13A/MW13B are located on the North section of the Landfill while OB11/OB11A are located on the South side.
- cis-1,2-Dichloroethene concentration exceeded the MCL of 70 ug/l in observation wells OB03/OB3A, OB11/OB11A, and MW13A/MW13B. Concentrations exceeding the MCL for this compound ranged from 73.6 ug/l in OB11 to 117 ug/l in OB03.
- Tetrachloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB03/OB3A, OB09, OB11/OB11A, OB12, and MW13A/MW13B. Concentrations exceeding the MCL for this compound ranged from 8.72 ug/l in OB09 to 22.7 ug/l in OB13B.
- Trichloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB03/OB3A, OB10, OB11/OB11A, OB12, and MW13A/MW13B. Concentrations exceeding the MCL for this compound ranged from 13.4 ug/l at OB10 to 33.9 ug/l at OB11.
- Vinyl Chloride concentration exceeded the MCL of 2 ug/l in observation wells OB01, OB03/OB3A, OB04/OB04A, OB08/OB08A, OB10, OB11/OB11A, OB105, OB12, OB15, OB25, and MW13A/MW13B. Concentrations exceeding the MCL for this compound ranged from 2.16 ug/l in OB04 to 31.6 ug/l in OB11A.
- Dichloromethane concentration exceeded the MCL of 5 ug/l in observation wells OB11/OB11A, OB12, and MW13A/MW13B. Concentrations exceeding the MCL for this compound ranged from 5.45 ug/l in OB11A to 24.2 ug/l in OB11.
- 1,2-Dibromo-3-chloropropane concentration exceeded the MCL of 0.2 ug/l in observation well OB25. Concentration exceeding the MCL for this compound was 143 ug/l.
- Benzene concentration exceeded the MCL of 5 ug/l in observation wells OB11 and MW13B. Concentration exceeding the MCL for this compound was 13.9 ug/l in OB11 and 5.56 in MW13B.



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

2. Inorganic and Metals Sampling Results:

The highlights of the results for this reporting period are listed below.

- A total of 19 metals and other non-organic contaminants exceeded the recommended MCL in the following monitoring locations:
 - **Preexisting monitoring wells:** OB06 (2 exceedances), OB105 (3 exceedances), OB11 (2 exceedances).
 - **Newly installed monitoring wells:** MW3A (1 exceedance), MW04 (1 exceedance), MW06 (3 exceedances), MW07 (1 exceedance), MW09 (1 exceedance), MW10 (2 exceedances), MW11A (2 exceedances), and MW12 (1 exceedance).
- No metal contaminants were detected above the recommended MCL in any of the monitored stream locations.
- Arsenic with a recommended MCL of 0.01 mg/l was exceeded in samples collected from OB105 with a concentration of 0.0109 mg/l.
- Beryllium with a recommended MCL of 0.004 mg/l was exceeded in samples collected from MW06 with a concentration of 0.007 mg/l.
- Cadmium with a recommended MCL of 0.005 mg/l was exceeded in samples collected from OB11 with a concentration of 0.009 mg/l and in MW06 with a concentration of 0.0082 mg/l.
- Chromium with a recommended MCL of 0.1 mg/l was exceeded in samples collected from OB06 with a concentration of 0.127 mg/l, in MW10 with a concentration of 0.125 mg/l, and in MW11A with a concentration of 0.144 mg/l.
- Lead with a recommended MCL of 0.015 mg/l was exceeded in samples collected from observation well OB06 with a concentration of 0.0503 mg/l, in OB105 with a concentration of 0.0332 mg/l, in MW3A with a concentration of 0.0259 mg/l, in MW04 with a concentration of 0.022 mg/l, in MW06 with a concentration of 0.0519 mg/l, in MW09 with a concentration of 0.0373, in MW10 with a concentration of 0.0611 mg/l, in MW11A with a concentration of 0.0499 mg/l, and in MW12 with a concentration of 0.0616 mg/l. *(Note: The applied MCL for lead is different from other MCLs used in this report. The MCL for lead has been established for public drinking water systems and requires water samples to be collected from the tap. The regulations also require that no more than 10% of customer samples taken at the tap exceed the EPA Action Level of 0.015 mg/l. An action level exceedance is not a violation of water quality standards, but rather a trigger for further utility action. The MCL of 0.015 mg/l used in this report is only for comparative purposes.)*
- Mercury with a recommended MCL of 0.002 mg/l was exceeded in samples collected from observation wells OB105 with a concentration of 0.0031 mg/l and in OB11 with a concentration of 0.0025 mg/l.
- Nitrate with a recommended MCL of 10 mg/l was exceeded in a sample collected from observation well MW07 with a concentration of 10.35 mg/l

Overall, the results indicate comparable concentrations for metals 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 new 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 the preexisting monitoring wells designated by “OB” indicate that the groundwater elevation at Gude Landfill has decreased by an overall average of 3.8 ft from April 2010 to September 2010. This is consistent with seasonal groundwater fluctuation observed during prior monitoring results. Based on the groundwater elevation measurements collected from all (36) monitoring wells around the perimeter of the landfill, it appears that the groundwater flow at Gude Landfill is consistent with the topography of the Landfill itself. The groundwater appears to be flowing outward from the center toward the edges of the landfill. These outward flow directions seem to be more distinct on the southern and eastern portion of the landfill with minor flow components to the north and northeast. In general, the groundwater flow appears to basically follow the direction of surface water around the Gude Landfill.

5. Conclusions/Trend Analysis:

Results obtained from the latest monitoring activities (Fall 2010) are similar and comparable to those collected from prior monitoring results for the past several years. Major findings indicate that:

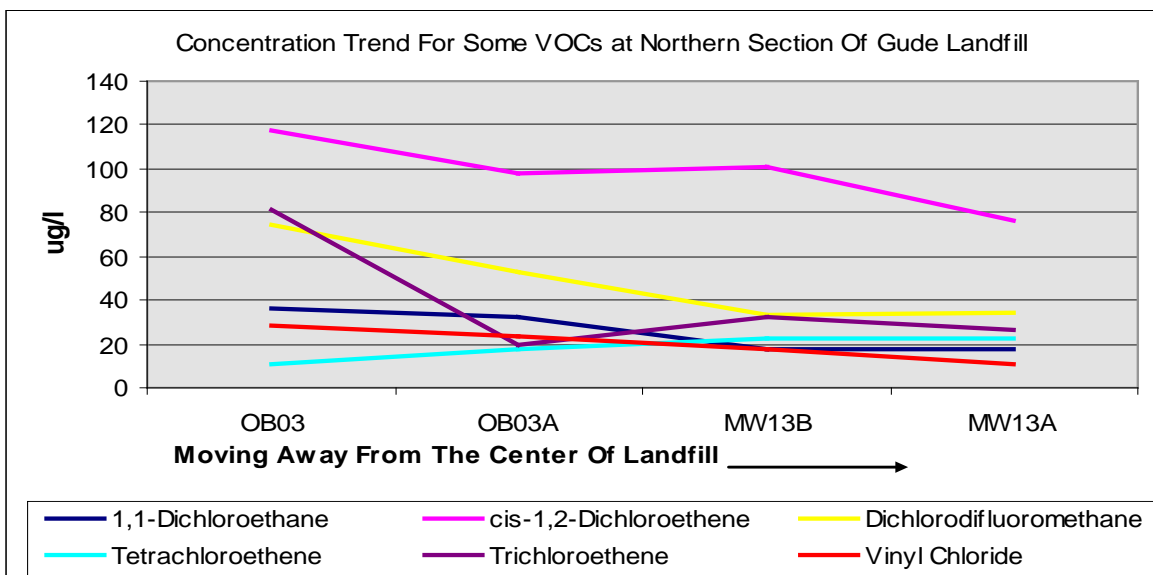
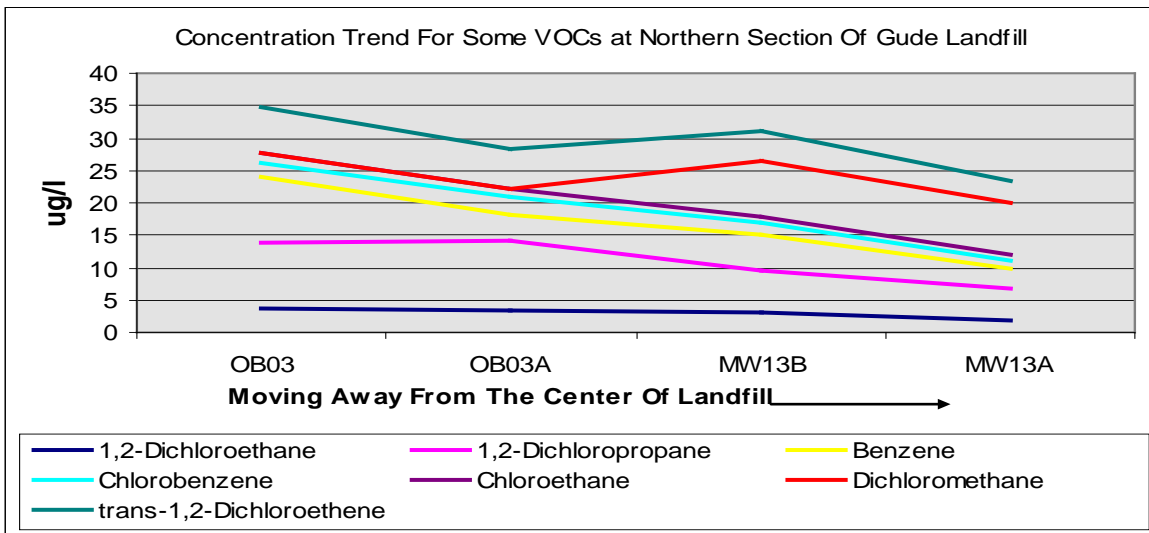
- I. There are indications of some low level groundwater and surface water contamination in the vicinity of Gude Landfill including multiple MCL exceedances.
- II. Detected contaminants at Gude Landfill mainly involve chlorinated solvent degradation products including 1,1-Dichloroethane, 1,2-Dichloropropane, cis-1,2-Dichloroethene, Tetrachloroethene, Trichloroethene, and Vinyl Chloride.
- III. Most of the contaminants and MCL exceedances have been detected at OB11/OB11A located on the south side (front side) of the landfill and observation wells OB03/OB03A and MW13A/MW13B on the north side (back side) of the landfill.

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

- Groundwater flow around the landfill appears to follow the general topography of the area where the landfill is located and it follows the general surface water flow direction. The overall surface water flow in the area is towards the east and south

away from the landfill.

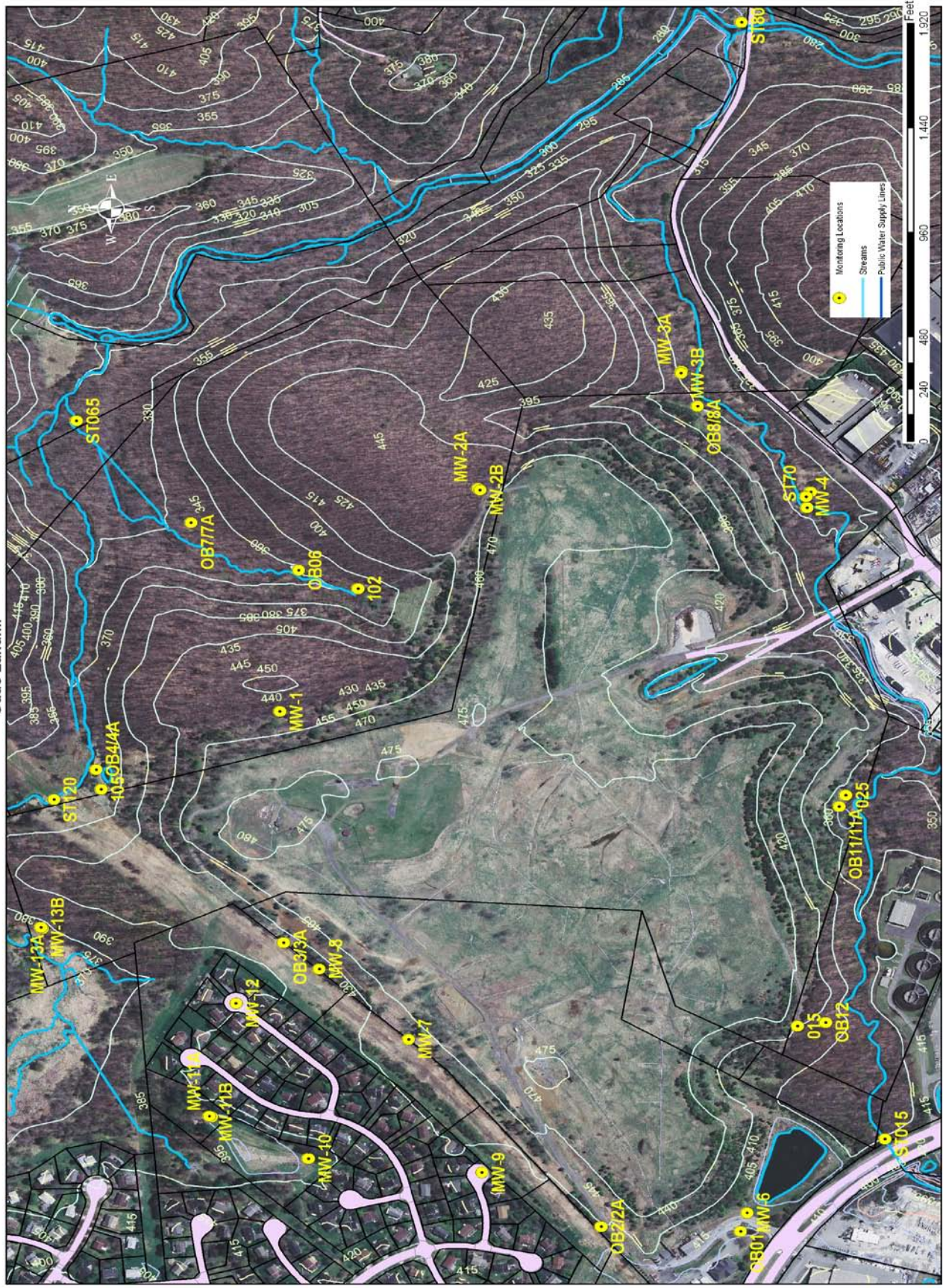
- Most of the detected groundwater contaminants at Gude Landfill are Volatile Organic Compounds (VOCs). These low levels of VOCs detected in groundwater are generally not transported to surface waters.
- The overall number of detections per year has remained relatively constant over the past 8-9 year time period. However, the number of detections exceeding established MCLs appears to be increasing slightly over the same period.
- While some detected VOC concentrations appear to be trending upwards, the concentration for other VOCs seem to be decreasing over the same period.
- 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 ($\mu\text{g/l}$)

TABAL 1 - Volatile Organic Compounds

	Parameter	OB01	OB02	OB02A	OB03	OB03A	OB04	OB04A	OB06	OB07
March 2010	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	1.33	ND	ND	36.40	32.40	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	0.71	0.57	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	1.52	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	1.48	ND	ND	1.92	0.81	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	3.84	3.30	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	10.10	10.80	ND	0.51	ND	ND
	1,4-Dichlorobenzene	3.19	ND	ND	11.30	9.28	2.91	4.66	0.93	ND
	2-Butanone	ND	ND	ND	ND	ND	0.65	0.78	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	11.90	18.60	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	4.24	4.06	2.04	2.45	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	1.43	ND	ND	2.26	2.78	0.90	0.87	0.56	ND
	Chloroethane	ND	ND	ND	1.51	1.31	ND	ND	ND	ND
	Chloroform	0.74	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	ND	ND	ND	ND	1.54	ND	ND	0.91	1.38
	cis-1,2-Dichloroethene	7.71	ND	ND	117.00	98.10	8.32	8.54	1.64	1.48
	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	1.03	3.39	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	0.77	ND	ND	1.71	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	11.00	17.80	0.70	0.60	ND	1.61	
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,2-Dichloroethene	0.70	ND	ND	7.01	5.93	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	81.60	19.30	1.08	1.07	ND	0.72	
Trichlorofluoromethane	ND	ND	ND	ND	2.47	ND	ND	ND	ND	
Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl Chloride	5.09	ND	ND	28.00	23.50	2.16	2.78	ND	ND	

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
March 2010	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	0.87	0.97	5.60	ND	ND	15.10	16.40	39.20
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	0.93	1.07	0.54
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	1.51	1.10	ND
	1,2-Dichloroethane	ND	ND	ND	0.64	ND	ND	3.94	1.88	1.17
	1,2-Dichloropropane	ND	0.78	1.10	2.65	ND	0.55	6.10	4.06	6.29
	1,4-Dichlorobenzene	ND	1.84	2.83	5.54	1.12	3.32	9.85	9.32	4.51
	2-Butanone	ND	ND	ND	ND	ND	ND	0.95	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	0.50	ND	ND	0.53	31.10	24.60	22.80	0.70
	Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	0.66	0.99	2.04	ND	0.90	8.29	3.59	3.46
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	3.31	4.22	0.98	1.51	0.55	34.30	20.60	1.46
	Chloroethane	ND	0.55	0.62	0.68	ND	0.89	0.57	0.89	1.64
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	1.20	ND	0.89	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	1.80	8.39	14.10	24.00	0.65	ND	73.60	81.60	26.20
	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	0.77	24.20	5.45	8.19
	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	1.65	2.00	0.85
	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	1.82	ND	ND	1.95	ND	ND	19.60	10.70	17.10	
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,2-Dichloroethene	ND	0.66	0.89	3.94	ND	ND	2.78	3.18	2.44	
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Trichloroethene	0.88	ND	0.51	13.40	ND	1.38	33.90	21.60	20.30	
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	3.78	2.53	3.80	
Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl Chloride	ND	3.18	4.76	11.70	ND	3.03	20.90	31.60	6.22	

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
March 2010	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	NT	NT
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	NT	NT
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	NT	NT
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	NT	NT
	1,1-Dichloroethane	12.00	1.11	ND	ND	ND	ND	ND	NT	NT
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	NT	NT
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	NT	NT
	1,2-Dibromo-3-chloropropan	ND	143.00	ND	ND	ND	ND	ND	NT	NT
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	NT	NT
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	NT	NT
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	NT	NT
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	NT	NT
	1,4-Dichlorobenzene	ND	3.80	ND	ND	ND	ND	ND	NT	NT
	2-Butanone	ND	0.87	0.56	ND	ND	ND	ND	NT	NT
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	NT	NT
	Acetone	ND	ND	ND	ND	ND	ND	1.49	NT	NT
	Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	NT	NT
	Benzene	ND	2.11	ND	ND	ND	ND	ND	NT	NT
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	NT	NT
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	NT	NT
	Bromoform	ND	ND	ND	ND	ND	ND	ND	NT	NT
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	NT	NT
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	NT	NT
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	NT	NT
	Chlorobenzene	ND	4.50	ND	ND	ND	ND	ND	NT	NT
	Chloroethane	0.98	0.69	ND	ND	ND	ND	ND	NT	NT
	Chloroform	ND	ND	ND	ND	ND	ND	ND	NT	NT
	Chloromethane	ND	ND	ND	0.87	0.81	ND	ND	NT	NT
	cis-1,2-Dichloroethene	1.02	6.82	ND	1.26	ND	ND	ND	NT	NT
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	NT	NT
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	NT	NT
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	NT	NT
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	NT	NT
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	NT	NT
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	NT	NT
	Methyl Tertiary Butyl Ether	ND	ND	ND	ND	ND	1.04	ND	NT	NT
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	NT	NT
Tetrachloroethene	0.54	0.86	ND	1.10	ND	ND	ND	NT	NT	
Toluene	ND	ND	ND	ND	ND	ND	ND	NT	NT	
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	NT	NT	
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	NT	NT	
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	NT	NT	
Trichloroethene	1.23	2.24	ND	0.90	ND	ND	ND	NT	NT	
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	NT	NT	
Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	NT	NT	
Vinyl Chloride	10.20	4.04	ND	ND	ND	ND	ND	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
March 2010	1,1,1,2-Tetrachloroethane	NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	NT	ND	ND	ND	6.86	ND	ND	ND	ND
	1,1-Dichloroethene	NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	NT	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	NT	ND	ND	ND	1.84	ND	ND	ND	ND
	1,2-Dichloropropane	NT	ND	ND	ND	2.37	ND	ND	ND	ND
	1,4-Dichlorobenzene	NT	ND	ND	ND	6.64	ND	ND	ND	ND
	2-Butanone	NT	ND	ND	ND	ND	0.73	ND	ND	ND
	2-Hexanone	NT	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	NT	ND	ND	ND	ND	4.74	1.41	ND	ND
	Acrylonitrile	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	NT	ND	ND	ND	0.74	ND	ND	ND	ND
	Bromochloromethane	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	NT	ND	ND	ND	ND	2.00	ND	ND	ND
	Carbon Tetrachloride	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	NT	ND	ND	ND	5.77	ND	0.51	ND	ND
	Chloroethane	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	NT	1.46	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	ND	ND	ND	ND	0.58	1.98	ND	ND
	cis-1,2-Dichloroethene	NT	ND	1.11	ND	33.20	ND	ND	ND	ND
	cis-1,3-Dichloropropene	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	NT	ND	ND	ND	0.56	ND	ND	ND	ND
	Ethylbenzene	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	ND	ND	ND	5.16	ND	ND	ND	ND
	ortho-Xylene	NT	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	NT	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	NT	ND	ND	ND	ND	0.54	ND	8.72	ND	
Toluene	NT	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,2-Dichloroethene	NT	ND	ND	ND	2.63	ND	ND	ND	ND	
trans-1,3-Dichloropropene	NT	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2-buten	NT	ND	ND	ND	ND	ND	ND	ND	ND	
Trichloroethene	NT	ND	ND	ND	1.19	0.52	ND	0.73	ND	
Trichlorofluoromethane	NT	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl Acetate	NT	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl Chloride	NT	ND	ND	ND	ND	ND	ND	ND	ND	

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
March 2010	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	17.90	17.80
	1,1-Dichloroethene	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	0.54
	1,2-Dichloroethane	ND	ND	ND	1.86	3.11
	1,2-Dichloropropane	ND	ND	ND	4.80	6.54
	1,4-Dichlorobenzene	ND	ND	ND	3.54	8.86
	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	0.72	0.87
	Acrylonitrile	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	3.31	5.56
	Bromochloromethane	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	1.01	1.63
	Chloroethane	ND	ND	ND	0.97	1.14
	Chloroform	ND	ND	ND	ND	ND
	Chloromethane	ND	ND	ND	0.96	0.76
	cis-1,2-Dichloroethene	ND	ND	ND	76.70	101.00
	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	8.07	8.50
	Ethylbenzene	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	0.61	0.96
	ortho-Xylene	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND
Tetrachloroethene	ND	0.97	ND	22.20	22.70	
Toluene	ND	ND	ND	ND	ND	
trans-1,2-Dichloroethene	ND	ND	ND	3.26	4.45	
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	
Trichloroethene	ND	ND	ND	26.90	32.00	
Trichlorofluoromethane	ND	ND	ND	1.50	1.71	
Vinyl Acetate	ND	ND	ND	ND	ND	
Vinyl Chloride	ND	ND	ND	11.10	17.20	

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	
OB01	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	1,1-Dichloroethane	2.08	2.95	5.95	2.27	2.5	ND	2.03	1.37	ND	2.31	1.48	1.09	NS	1.02	1.85	0.75	1.33	
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NT	1	1.48	
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.46	ND	
	1,2-Dichloropropane	ND	ND	2.34	1.16	1.88	ND	1.1	1.45	1.28	1.04	ND	ND	NS	ND	ND	0.59	ND	
	1,4-Dichlorobenzene	ND	ND	1.75	ND	1.23	ND	1.37	ND	2.16	1.51	1.78	ND	NS	ND	1.94	2.81	3.19	
	2-Butanone	NT	NT	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Acrylonitrile	NT	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Benzene	ND	ND	1.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.39	ND	
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NT	ND	ND	
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	Carbon disulfide	ND	ND	ND	1.04	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	1.26	1.21	ND	NS	ND	1.03	1.57	1.43		
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.25	ND	
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.92	0.74	
	Chloromethane	NT	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NS	ND	ND	ND	ND	
	cis-1,2-Dichloroethene	6.14	13.94	47.72	19.47	33.97	5.98	34.36	16.06	34.18	22.85	25.5	14.78	NS	ND	11.8	ND	7.71	
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.36	ND	
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	0.77
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.34	ND	
	para-Xylene & meta-Xylene	ND	ND	1.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
Tetrachloroethene	ND	2.2	ND	ND	ND	ND	ND	ND	1.26	ND	ND	ND	NS	1.2	ND	0.51	ND		
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND		
trans-1,2-Dichloroethene	ND	ND	3.35	ND	1.08	ND	1.09	ND	1.13	ND	1.42	ND	NS	ND	ND	0.67	0.70		
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND		
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NT	NT	ND	ND		
Trichloroethene	3.11	3.85	12.71	4.37	5.77	1.03	2.49	2.25	2.34	1.52	1.44	ND	NS	ND	ND	0.85	ND		
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND		
Vinyl Acetate	NT	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	
Vinyl Chloride	NT	NT	ND	NT	5.13	ND	4.4	3.32	5.26	1.42	4.75	1.31	NS	ND	ND	2.77	5.09		

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	
OB02	1,1,1,2-Tetrachloroethane	ND	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	ND	
	1,1,2,2-Tetrachloroethane	ND	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	ND	
	1,1-Dichloroethane	ND	ND	1.48	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	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	1.13	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	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	1.28	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	1,2-Dichloroethane	ND	ND	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	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.48	ND
	2-Butanone	NT	NT		NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.18	ND
	Acrylonitrile	NT	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	Bromodichloromethane	ND	ND	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	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	1.33	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND
	Carbon Tetrachloride	ND	ND	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	ND	ND
	Chloroethane	ND	ND	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	ND	ND
	Chloromethane	NT	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	1.9	50.54	21.16	12.61	4.53	6.06	1.79	1.41	1.14	1.19	1.96	1.38	1.15	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	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	ND	ND
	Dibromomethane	ND	ND	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	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	1.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	1.84	2.89	ND	ND	ND	1.67	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	ND	ND	
trans-1,2-Dichloroethene	ND	ND	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	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	
Trichloroethene	ND	ND	8.04	4.92	ND	1.36	2.04	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	ND	ND	
Vinyl Acetate	NT	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	
Vinyl Chloride	NT	NT	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	
OB02A	1,1,1,2-Tetrachloroethane	ND	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	ND	
	1,1,2,2-Tetrachloroethane	ND	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	ND	
	1,1-Dichloroethane	4.14	5.4	5.99	1.77	1.24	ND	1.1	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	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	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	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	1.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33	ND
	2-Butanone	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Benzene	ND	2.76	3.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	Bromodichloromethane	ND	ND	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	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND
	Carbon Tetrachloride	ND	ND	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	ND	ND
	Chloroethane	ND	ND	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	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	143.07	162.61	189.59	66.86	48.26	19.58	43.45	6.9	ND	ND	5.96	ND	6.87	9.19	ND	0.65	ND	ND
	cis-1,3-Dichloropropene	ND	ND	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	ND	ND
	Dibromomethane	ND	ND	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	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	6.6	12.1	1.52	1.05	2.46	1.45	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	ND	ND	
trans-1,2-Dichloroethene	1.2	1.67	3.37	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	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	
Trichloroethene	5.06	26.98	30.84	9.27	6.68	5.14	4.6	2.27	ND	ND	1.57	ND	1.39	1.01	ND	ND	ND	ND	
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	
Vinyl Chloride	NT	NT	NT	NT	3.45	1.39	1.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F
OB03	1,1,1,2-Tetrachloroethane	ND	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	ND
	1,1,2,2-Tetrachloroethane	ND	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	ND
	1,1-Dichloroethane	2.94	27.3	22.87	27.74	33.3	29.03	42.38	36.78	21.95	34.7	44.7	47.23	36.07	48.38	45	13.2	36.40
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.71
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	1.63	ND	ND	ND	ND	ND	ND	ND	1.07	ND	ND	ND	ND	ND	1.52
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	1.36	3.27	ND	2.44	1.4	1.41	ND	2.1	1.51	2.83	1.82	1.34	ND	NT	0.83	1.92
	1,2-Dichloroethane	ND	ND	2.18	2.45	2.33	1.89	3.03	2.58	3.87	2.95	5.32	4.98	4.09	4.81	ND	1.24	3.84
	1,2-Dichloropropane	ND	6.32	4.87	7.91	10.73	10.53	11.53	9.4	13.74	9.67	15.23	14.47	12.33	16.14	15.8	3.6	10.10
	1,4-Dichlorobenzene	ND	11.14	6.19	16.14	12.78	11.14	10.97	10.01	15.05	13.83	16.69	7.97	ND	ND	13.6	11.7	11.30
	2-Butanone	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	0.12	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Benzene	ND	5.17	7.48	6.58	5.28	2.4	4.29	3.34	4.53	3.99	6.12	4.62	3.2	5.53	4.56	1.83	4.24
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	Bromodichloromethane	ND	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	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	2.12	ND	1.3	ND	1.03	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	6.95	38.11	6.25	4.42	4.22	3.24	4.92	3.98	5.59	3.89	2.32	2.04	2.76	2.98	7.22	2.26
	Chloroethane	ND	1.92	ND	2.35	1.11	1.9	1.73	1.48	1.49	1.59	ND	1.23	1.19	1.61	1.55	0.79	1.51
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	11.41	48.32	86.56	47.05	67.11	56.21	98.51	71.67	128.85	87.59	148.91	161.47	120.9	164.77	156	31.7	117.00
	cis-1,3-Dichloropropene	ND	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	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	13.2	ND	ND	ND	6.33	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	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	5.57	ND	2.05	ND	1.71
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND	1.33	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	6.99	61.22	1.65	26.04	3.06	23.14	1.85	22.97	ND	27.73	ND	ND	4.49	ND	ND	11.00	
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.46	ND	ND	1.49	ND	ND	
trans-1,2-Dichloroethene	ND	2.67	3.9	4.84	4.97	4.09	6.27	5.19	11.59	7	12.95	8.87	12.43	11.02	9.59	3.11	7.01	
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	
Trichloroethene	4.5	47.33	38.27	53.13	80.53	110.03	92.22	71.55	112.28	76.03	108.24	132.6	107.44	130.79	131	17.4	81.60	
Trichlorofluoromethane	ND	2.38	2.87	ND	ND	3.3	2.44	3.18	4.34	ND	ND	ND	ND	ND	4.88	ND	ND	
Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	
Vinyl Chloride	NT	NT	NT	NT	16.08	17.86	19.76	11.67	30.39	19.65	31.39	23.16	17.61	29.48	30.5	7.84	28.00	

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	2002-S	2003-F	2003-S	2004-F	2004-S	2005-F	2005-S	2006-F	2006-S	2007-F	2007-S	2008-F	2008-S	2009-F	2009-S	2010-S	2010-F	
OB03A	1,1,1,2-Tetrachloroethane	ND	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	ND	
	Parameter	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	ND	ND	ND	
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1-Dichloroethane	93.16	1.67	4.44	2.25	38.51	2.73	42.13	18.85	23.61	15.56	44.14	50.9	41.01	46.99	25.3	3.23	32.40	
	1,1-Dichloroethene	1.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dibromo-3-chloropropan	ND	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	ND	
	1,2-Dichlorobenzene	ND	1.1	ND	ND	2	ND	1.54	ND	2.11	1.23	2.07	2	1.65	ND	NT	0.42	0.81	
	1,2-Dichloroethane	4.87	ND	ND	ND	2.77	ND	3.3	1.82	3.59	1.33	5.52	5.07	4.4	4.1	ND	ND	3.30	
	1,2-Dichloropropane	15.18	ND	1.27	ND	12.68	ND	12.09	7.02	12.72	4.05	14.78	14.83	13.07	13.54	9.1	0.92	10.80	
	1,4-Dichlorobenzene	8.67	7.48	11	8.44	14.11	10.38	11.61	9.64	15.61	16.31	14.76	7.67	ND	ND	12.6	5.92	9.28	
	2-Butanone	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.6	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.13	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Benzene	8.07	5.51	5.3	6.76	6.31	4.44	4.66	2.73	5.18	3.8	6.23	4.47	5.44	4.08	4.19	1.2	4.06	
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	
	Bromodichloromethane	ND	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	ND	
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Chlorobenzene	ND	10.5	18.41	10.75	4.71	19.21	3.6	10.33	5.24	13.9	2.8	1.98	2.87	3.73	5.52	5.21	2.78	
	Chloroethane	2.45	ND	1.62	1.01	1.26	1.02	1.41	ND	1.53	1.42	1.63	1.43	1.38	1.69	1.21	0.33	1.31	
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	1.54	
	cis-1,2-Dichloroethene	130.79	2.57	2.63	ND	79.29	3.01	102.56	41.96	117.86	29.76	150.17	168.82	141.19	137.52	84.9	6.23	98.10	
	cis-1,3-Dichloropropene	ND	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	ND	
	Dibromomethane	ND	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	ND	
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	1.39	1.15	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	para-Xylene & meta-Xylene	ND	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Tetrachloroethene	74.03	1.65	ND	ND	41.02	ND	30.99	ND	29.4	ND	33.23	1.66	26.21	3.67	7.11	ND	17.80		
Toluene	ND	1.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.05	ND	ND	ND	ND	ND		
trans-1,2-Dichloroethene	8.22	ND	1.99	1.39	5.71	1.22	6.22	3.1	9.08	3.72	10.82	9.93	11.68	9.08	6.06	1.01	5.93		
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND		
Trichloroethene	111.71	1.26	1.75	ND	84.92	4.89	85.13	51.33	95.18	20.26	97.78	141.41	101.3	113.09	66.7	2.71	19.30		
Trichlorofluoromethane	7.16	ND	ND	ND	3.01	ND	ND	ND	3.77	ND	ND	ND	ND	ND	3.08	ND	2.47		
Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND		
Vinyl Chloride	NT	NT	NT	NT	18.6	1.47	19.56	4.62	26.98	5.96	30.58	23.11	22.43	27.36	22.9	1.99	23.50		

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	
OB04	1,1,1,2-Tetrachloroethane	ND	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	ND	
	1,1,2,2-Tetrachloroethane	ND	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	ND	
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.35	ND	
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.45	ND	
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.46	ND	
	1,2-Dichloroethane	ND	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	0.52	ND	
	1,4-Dichlorobenzene	ND	ND	1.98	ND	2.22	ND	5.11	ND	5.96	5.53	6.19	ND	ND	ND	6.06	5.92	2.91	
	2-Butanone	NT	NT	NT	NT	ND	11.51	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.41	0.65
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	0.49	11.90	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	1.33	ND	1.65	1.7	1.85	ND	1.21	1.68	1.62	1.6	2.04	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	Bromodichloromethane	ND	ND	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	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	1.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	1.11	1.05	1.19	ND	ND	ND	1.09	1.18	0.90	ND
	Chloroethane	ND	ND	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	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	4.87	4.85	11.27	3.94	9.25	1.38	18.27	2.59	18.58	18.76	20.95	6.45	15.43	18.92	17	16.8	8.32	ND
	cis-1,3-Dichloropropene	ND	ND	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	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	2.53	ND	1.48	1.6	1.42	ND	ND	1.42	1.93	1.72	1.03	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1.33	1.96	3.16	ND	1.52	ND	1.15	ND	2.23	1.93	2.07	ND	1.34	1.99	1.25	1.69	0.70	ND	
Toluene	ND	ND	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	0.45	ND	ND	
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	
Trichloroethene	1.15	ND	1.55	ND	1.88	ND	1.71	ND	2.19	1.82	2.12	ND	1.4	1.82	1.66	1.51	1.08	ND	
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	
Vinyl Chloride	NT	NT	NT	NT	ND	ND	1.57	ND	1.33	1.23	1.7	ND	ND	1.47	1.53	1.26	2.16	ND	

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	
OB04A	1,1,1,2-Tetrachloroethane	ND	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	ND	
	1,1,2,2-Tetrachloroethane	ND	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	ND	
	1,1-Dichloroethane	ND	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	ND	
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dibromo-3-chloropropan	ND	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	ND	
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT		0.47	ND
	1,2-Dichloroethane	ND	ND	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		0.57	0.51
	1,4-Dichlorobenzene	4.02	6.45	6.47	ND	5.66	5.63	ND	4.58	7.3	6.87	7.42	ND	4.46	ND	7.33	6.97	4.66	
	2-Butanone	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	0.78	
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
	4-Methyl-2-Pentanone	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	18.60	
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	Benzene	ND	1.48	1.79	1.64	1.4	ND	ND	ND	1.65	1.72	1.83	1.4	1.32	1.65	1.68	1.65	2.45	
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	
	Bromodichloromethane	ND	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	ND	
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	1.08	1.02	1.17	ND	ND	1.07	1.14	1.14	0.87	
	Chloroethane	ND	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	ND	
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	
	cis-1,2-Dichloroethene	18.02	19.38	22.97	18.94	15.36	11.88	5.65	12.82	23.31	24.08	26.31	23.78	20.7	24.4	21.8	21.7	8.54	
	cis-1,3-Dichloropropene	ND	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	ND	
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.44	ND	ND	ND	ND	
	Dichloromethane	2.3	1.97	1.24	2.49	2.19	1.84	ND	1.5	2.77	3.31	2.67	2.45	ND	2.98	3.38	3.18	3.39	
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Tetrachloroethene	1.44	2.37	ND	1.01	1.39	ND	ND	1.45	1.92	1.77	1.65	1.42	1.34	1.7	1.23	1.52	0.60		
Toluene	ND	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	0.55	ND		
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND		
Trichloroethene	1.54	1.7	2.19	1.94	2.02	1.53	ND	1.87	2.24	1.93	2.08	1.96	1.45	1.87	1.83	1.71	1.07		
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND		
Vinyl Chloride	NT	NT	NT	NT	1.49	1.43	ND	ND	1.15	1.06	2.02	1.37	1.39	1.65	2.12	1.83	2.78		

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	
OB06	1,1,1,2-Tetrachloroethane	ND	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	ND	
	1,1,2,2-Tetrachloroethane	ND	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	ND	
	1,1-Dichloroethane	ND	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	ND	
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dibromo-3-chloropropan	ND	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	ND	
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	NT	ND	ND
	1,2-Dichloroethane	ND	ND	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	ND	ND
	1,4-Dichlorobenzene	ND	1.46	1.46	ND	1.32	ND	1.08	ND	11	ND	1.44	1.03	ND	ND	1.43	ND	0.93	
	2-Butanone	NT	NT	NT	NT	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	ND	0.57	ND	
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	0.14	ND	
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	Bromodichloromethane	ND	ND	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	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	1.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
	Carbon Tetrachloride	ND	ND	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	0.66	0.56	
	Chloroethane	ND	ND	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	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	0.91	
	cis-1,2-Dichloroethene	1.33	2.87	3.03	2.59	2.01	ND	2.17	ND	2.77	NT	2.92	2.31	2.39	2.55	2.12	1.82	1.64	
	cis-1,3-Dichloropropene	ND	ND	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	ND	ND
	Dibromomethane	ND	ND	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	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	1.81	ND	ND	ND	ND	ND	ND	1.11	1.15	ND	ND	1.01	ND	ND	0.68	ND		
Toluene	ND	ND	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	ND	ND	
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.36	ND		
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	
Vinyl Chloride	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	
OB07	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	1,2-Dibromo-3-chloropropan	ND	3.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.54	ND	
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	1,2-Dichlorobenzene	ND	1.76	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	NS	ND	NT	0.47	ND	
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
	1,4-Dichlorobenzene	ND	1.75	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	NS	ND	ND	0.58	ND	
	2-Butanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NT	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	2.13	4.62	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	NS	ND	ND	1.38	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	1.81	ND	ND	ND	NS	1.45	1.63	1.3	1.48	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	1.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
Tetrachloroethene	ND	2.28	ND	ND	ND	ND	ND	ND	1.68	ND	ND	ND	NS	1.3	ND	1.23	1.61	ND	
Toluene	1.11	2.62	ND	1.43	1.88	1.14	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.49	0.72	ND	
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	
Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	
Vinyl Chloride	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	
OB07A	1,1,1,2-Tetrachloroethane	ND	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	ND	
	1,1,2,2-Tetrachloroethane	ND	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	ND	
	1,1-Dichloroethane	ND	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	ND	
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dibromo-3-chloropropan	ND	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	ND	
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	NT	ND	ND
	1,2-Dichloroethane	ND	ND	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	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	0.23	ND
	2-Butanone	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	Bromodichloromethane	ND	ND	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	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	1.06	8.93	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Carbon Tetrachloride	ND	ND	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	ND	ND
	Chloroethane	ND	ND	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	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	1.20
	cis-1,2-Dichloroethene	2.06	2.56	2.66	1.67	1.25	1.01	1.45	1.05	2.6	2.02	2.02	2.09	1.85	3.51	3	1.66	1.80	
	cis-1,3-Dichloropropene	ND	ND	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	ND	ND
	Dibromomethane	ND	ND	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	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1.95	3.49	ND	1.23	1.41	1.75	1.15	1.41	2.56	1.59	1.46	1.91	2.12	2.66	1.81	1.94	1.82		
Toluene	ND	ND	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	ND	ND	
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	
Trichloroethene	ND	1.09	1.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.64	0.88	ND	
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	ND	
Vinyl Chloride	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F
OB08	1,1,1,2-Tetrachloroethane	ND	ND	NS	ND	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	ND
	1,1,2,2-Tetrachloroethane	ND	ND	NS	ND	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	ND
	1,1-Dichloroethane	16.91	ND	NS	ND	ND	ND	ND	ND	ND	1.23	ND	ND	ND	ND	1.2	0.46	0.87
	1,1-Dichloroethene	ND	ND	NS	ND	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	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.54	ND
	1,2-Dibromoethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	1.61	ND	NS	ND	ND	1.01	ND	NT	ND	ND	ND	ND	ND	ND	NT	0.59	ND
	1,2-Dichloroethane	ND	ND	NS	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	0.36	ND
	1,2-Dichloropropane	2.5	ND	NS	ND	ND	ND	ND	ND	1.78	1.59	1.67	ND	ND	1.24	1.16	1.19	0.78
	1,4-Dichlorobenzene	6.39	ND	NS	ND	ND	ND	ND	NT	2.1	3.35	3.16	ND	ND	ND	2.15	2.92	1.84
	2-Butanone	NT	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	2-Hexanone	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NS			NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Acetone	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	2.7	0.21	0.50
	Acrylonitrile	NT	NT	NS			NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Benzene	1.21	ND	NS	ND	ND	ND	ND	ND	1.09	ND	ND	ND	ND	ND	ND	0.63	0.66
	Bromochloromethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	Bromodichloromethane	ND	ND	NS	ND	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	ND
	Bromomethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24	ND
	Carbon disulfide	1.25	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Carbon Tetrachloride	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	5.15	ND	NS	ND	ND	ND	ND	ND	4.81	4.14	4.04	ND	ND	22.02	1.95	3.13	3.31
	Chloroethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.41	0.55
	Chloroform	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	29.93	2.08	NS	1.85	1.76	ND	1.34	ND	9.92	8.88	11.07	3.92	3.1	10.93	10.4	10.3	8.39
	cis-1,3-Dichloropropene	ND	ND	NS	ND	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	ND
	Dibromomethane	ND	ND	NS	ND	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	ND
	Ethylbenzene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	2.63	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.38	ND
	Methyl Tertiary Butyl Ether	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	0.44	ND
	ortho-Xylene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	28.07	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	NS	ND	ND	ND	ND	ND	1.22	1.11	1.26	ND	ND	ND	ND	0.87	0.66	
trans-1,3-Dichloropropene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
Trichloroethene	21.35	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.42	ND	
Trichlorofluoromethane	3.01	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl Acetate	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.02	ND	
Vinyl Chloride	NT	NT	NS	NT	ND	ND	ND	ND	2.67	2.47	2.98	ND	ND	2.04	2.35	2.91	3.18	

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	
OB08A	1,1,1,2-Tetrachloroethane	ND	ND	NS	ND	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	ND	
	1,1,2,2-Tetrachloroethane	ND	ND	NS	ND	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	ND	
	1,1-Dichloroethane	34.39	ND	NS	ND	ND	ND	ND	ND	ND	1.43	1.05	ND	ND	ND	1.47	0.44	0.97	
	1,1-Dichloroethene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.07	ND	ND	ND	
	1,2,3-Trichloropropane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dibromo-3-chloropropan	ND	ND	NS	ND	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	ND	
	1,2-Dichlorobenzene	3.01	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.32	ND	
	1,2-Dichloroethane	3.05	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.38	ND	
	1,2-Dichloropropane	6.61	ND	NS	ND	ND	ND	ND	ND	2.53	2.17	2.33	1.22	ND	2.11	2.02	1.47	1.10	
	1,4-Dichlorobenzene	10.04	ND	NS	ND	ND	ND	ND	ND	5.86	4.47	4.75	ND	ND	ND	3.97	3.34	2.83	
	2-Butanone	NT	NT	NS	NT	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	2-Hexanone	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Acetone	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Acrylonitrile	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Benzene	10.31	ND	NS	ND	ND	ND	ND	ND	1.39	1.23	1.26	ND	ND	1.09	1.03	0.89	0.99	
	Bromochloromethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	
	Bromodichloromethane	ND	ND	NS	ND	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	ND	
	Bromomethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Carbon disulfide	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
	Carbon Tetrachloride	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Chlorobenzene	63.67	ND	NS	ND	ND	ND	ND	ND	5.54	4.84	4.64	2.27	ND	3.43	3.38	3.93	4.22	
	Chloroethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.47	0.62	
	Chloroform	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Chloromethane	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	0.89	
	cis-1,2-Dichloroethene	72.56	8.9	NS	2.46	2.79	ND	3.73	4.33	18.21	14.02	21.08	10.07	8.42	22.57	21.2	13.4	14.10	
	cis-1,3-Dichloropropene	ND	ND	NS	ND	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	ND	
	Dibromomethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Dichloromethane	27.89	ND	NS	ND	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	ND	
	Methyl Iodide	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
	Methyl Tertiary Butyl Ether	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	0.42	ND	
	ortho-Xylene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	para-Xylene & meta-Xylene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Styrene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Tetrachloroethene	58.78	1.12	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Toluene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
trans-1,2-Dichloroethene	4.05	ND	NS	ND	ND	ND	ND	ND	1.79	1.45	1.89	ND	ND	1.48	1.37	0.99	0.89		
trans-1,3-Dichloropropene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
trans-1,4-Dichloro-2-buten	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND		
Trichloroethene	61.1	4.88	NS	1.32	2.34	ND	2.44	2.26	3.72	1.51	2.3	ND	ND	1.52	1.29	0.64	0.51		
Trichlorofluoromethane	7.61	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Vinyl Acetate	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND		
Vinyl Chloride	NT	NT	NS	NT	ND	ND	ND	ND	4.03	3.44	4.8	1.6	ND	5.16	6.5	4.11	4.76		

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F
OB010	1,1,1,2-Tetrachloroethane	ND	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	ND
	1,1,2,2-Tetrachloroethane	ND	1.58	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	ND
	1,1-Dichloroethane	3.06	3.18	2.23	3.88	3.7	1.99	2.99	ND	ND	2.2	4.99	1.04	1.51	ND	3.49	ND	5.60
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	5.71	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	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	1.19	ND	ND	ND	NT	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.64
	1,2-Dichloropropane	2.72	1.88	1.52	2.16	3.11	2.01	2.36	1.08	ND	1.48	4.46	1.55	1.84	ND	2.53	1.26	2.65
	1,4-Dichlorobenzene	1.38	4.52	1.2	1.28	2.43	2.03	2.53	ND	11	1.02	6.22	ND	ND	ND	4.84	2.1	5.54
	2-Butanone	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	1.67	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Benzene	2.36	1.95	1.18	1.77	2.14	ND	1.87	ND	ND	ND	2.86	ND	1.1	ND	1.72	0.82	2.04
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	Bromodichloromethane	ND	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	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.22	ND
	Carbon disulfide	ND	1.75	ND	ND	1.25	ND	ND	ND	ND	ND	1.03	NT	NT	NT	ND	ND	ND
	Carbon Tetrachloride	ND	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	1.01	ND	ND	ND	ND	0.32	0.98
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24	0.68
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	42.63	22.43	18.6	22.58	22.03	10.04	21.18	4.81	ND	13.7	34.09	20.83	9.73	ND	17.9	11.5	24.00
	cis-1,3-Dichloropropene	ND	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	ND
	Dibromomethane	ND	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	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	2.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	9.45	ND	6.03	ND	2.28	ND	ND	ND	2.47	ND	ND	ND	ND	1.03	2.86	1.95
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1.86	1.79	ND	ND	1.8	1.07	1.96	ND	ND	ND	5.04	1.12	1.49	ND	2.39	1.18	3.94	
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
Trichloroethene	44.94	14.45	19.73	15.42	33.16	15.67	23.54	8.76	ND	10.6	28.64	1.31	3.73	ND	13.3	5.27	13.40	
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	
Vinyl Chloride	NT	NT	NT	NT	9.43	5.66	9.35	ND	ND	2.43	16.03	2.15	12.62	ND	6.07	2.39	11.70	

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	
OB102	1,1,1,2-Tetrachloroethane	ND	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	ND	
	1,1,2,2-Tetrachloroethane	ND	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	ND	
	1,1-Dichloroethane	ND	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	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	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	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	NT	ND	ND
	1,2-Dichloroethane	ND	ND	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	ND	ND
	1,4-Dichlorobenzene	ND	ND	1.05	ND	ND	1.78	2.32	ND	12	2.03	ND	1.81	1.43	ND	ND	1.6	1.12	
	2-Butanone	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	0.53
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	Bromodichloromethane	ND	ND	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	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.25	ND
	Carbon disulfide	ND	2.07	2.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	1.17	1.31	1.54	1.65	1.74	2.43	1.65	1.41	3.43	2.27	1.7	1.51	
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.05	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.34	2.27	1.28	2.3	2.14	2.5	1.75	1.46	1.54	1.38	1.13	0.65	
	cis-1,3-Dichloropropene	ND	ND	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	ND	ND
	Dibromomethane	ND	ND	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	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	1.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	0.47	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	1.32	1.83	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	ND	ND	
trans-1,2-Dichloroethene	ND	ND	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	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
Trichloroethene	ND	ND	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	ND	ND	
Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	
Vinyl Chloride	NT	NT	NT	NT	2.98	ND	2.33	ND	1.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	
OB105	1,1,1,2-Tetrachloroethane	ND	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	ND	
	1,1,2,2-Tetrachloroethane	ND	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	ND	
	1,1-Dichloroethane	ND	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	ND	
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dibromo-3-chloropropan	ND	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	ND	
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	1,2-Dichloroethane	ND	ND	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	ND	0.55
	1,4-Dichlorobenzene	ND	ND	ND	ND	1.38	ND	1.03	ND	ND	ND	2.23	ND	1.46	ND	3.38	0.72	3.32	
	2-Butanone	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.23	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	1.27	ND	31.10	
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.90
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	Bromodichloromethane	ND	ND	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	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Carbon Tetrachloride	ND	ND	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	ND	0.55
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.89
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	3.19	ND	3.71	ND	ND	ND	8.03	ND	7.14	ND	11.1	0.97	ND	
	cis-1,3-Dichloropropene	ND	ND	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	ND	ND
	Dibromomethane	ND	ND	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	ND	0.77
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	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	ND	ND	
Toluene	ND	ND	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	ND	ND	
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.25	ND	1.38	
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	
Vinyl Chloride	NT	NT	NT	NT	1.01	ND	1.31	ND	ND	ND	2.04	ND	ND	ND	1.51	ND	3.03		

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	
OB11	1,1,1,2-Tetrachloroethane	ND	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	ND	
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	ND	1.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.52	ND	ND	ND	ND	
	1,1-Dichloroethane	ND	13.8	19.59	36.31	16.58	12.43	17.06	13.27	15.9	29.18	29.33	11.14	23	31.01	33.4	20.4	15.10	
	1,1-Dichloroethene	ND	ND	ND	1.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.89	1.03	0.45	0.93	
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	1.56	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	ND	
	1,2-Dichlorobenzene	ND	ND	ND	ND	1.77	1.03	ND	ND	2.89	2.38	2.42	1.03	1.55	ND	NT	1.75	1.51	
	1,2-Dichloroethane	ND	ND	1.11	2.56	1.07	1.4	1.28	1.38	3.81	ND	5.36	3.16	3.68	4.66	4.72	ND	3.94	
	1,2-Dichloropropane	ND	2.14	3.37	5.13	3.74	3.92	3.41	3.47	8.11	7.99	8.27	4.67	6.31	8.28	8.15	4.9	6.10	
	1,4-Dichlorobenzene	ND	ND	1.21	6.1	3.15	5.46	1.43	ND	13.38	12.63	13.36	2.46	6.43	ND	14.6	9.13	9.85	
	2-Butanone	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	0.95
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	24.60
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Benzene	ND	1.07	3.28	7.22	3.17	3.43	2.04	1.43	9.78	9.69	10.69	2.04	6.16	9.56	9.37	4.32	8.29	
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	1.94	2.25	1.22	ND	ND	ND	NT	ND	ND	
	Bromodichloromethane	ND	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	ND	
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Carbon disulfide	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	5.14	14.96	36.13	19.64	31.35	15.03	12.61	60.16	56.32	61.28	11.69	35.91	52.75	50	28.3	34.30	
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	1.7	26.92	46.08	141.35	41.73	53.18	46.22	45.81	149.39	164.85	176.66	92.93	137.27	190.55	184	123	73.60	
	cis-1,3-Dichloropropene	ND	ND	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	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	8.96	14.29	22.08	ND	4.41	ND	2.51	42.44	42.01	35.48	9.24	19.47	28.72	30.6	7.21	24.20	
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.2	ND	6.41	2.67	ND	1.65
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	21.58	ND	26.34	36.32	34.22	26.31	20.17	65.48	62	60.22	32.4	52.48	67.92	43.9	35.6	19.60		
Toluene	ND	ND	ND	ND	1.45	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND	ND	
trans-1,2-Dichloroethene	ND	ND	1.57	5.27	1.49	1.71	1.24	1.09	6.19	5.6	8.31	2.88	8.83	7.15	6.37	3.19	2.78		
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
Trichloroethene	ND	17.31	30.06	39.15	28.57	26.35	25.32	20.17	55.99	52.41	59.1	28.56	42.66	53.74	51.5	31.2	33.90		
Trichlorofluoromethane	ND	1.72	3.78	ND	3.22	1.87	1.66	ND	4.37	4.25	5.59	1.93	2.85	4.58	3.98	1.61	3.78		
Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.25	ND	
Vinyl Chloride	NT	NT	NT	NT	3.54	6.36	2.44	1.75	15.95	12.02	16.89	4.49	8.73	15.64	20.3	7.43	20.90		

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F
OB11A	1,1,1,2-Tetrachloroethane	ND	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	ND
	1,1,2,2-Tetrachloroethane	ND	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	ND
	1,1-Dichloroethane	1.43	13.69	23.13	18.91	26.32	9.72	30.41	27.58	6.36	14.01	28.55	28.9	24.24	23.08	27.8	16.8	16.40
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.07
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	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	ND
	1,2-Dichlorobenzene	ND	1.11	1.76	ND	2.16	ND	1.99	ND	1.84	1.29	1.88	2.45	2.05	ND	NT	1.67	1.10
	1,2-Dichloroethane	ND	1.17	1.96	ND	2.59	ND	3.16	3.15	2.36	ND	5.76	5.34	4.48	3.6	ND	2.7	1.88
	1,2-Dichloropropane	1.19	2.59	4.87	2.28	7.1	2.69	6.69	7.89	5.03	3.93	8.63	7.85	7.26	6.44	7.2	4.18	4.06
	1,4-Dichlorobenzene	ND	4.33	6.16	ND	9.88	ND	10.33	8.3	9.1	8.58	15.32	11.24	12.3	ND	15.2	13.4	9.32
	2-Butanone	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.12	22.80
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Benzene	ND	4.7	7.54	ND	7.71	ND	8.53	5.66	5.76	4.87	9.72	7.37	7.13	6.67	7.51	4.19	3.59
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	Bromodichloromethane	ND	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	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	19.98	38.78	4.61	54.04	5.74	51.74	51.24	34.47	23.03	52.49	42.48	39.6	33.51	36.9	21.3	20.60
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.39	0.89
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	13.44	54.65	87.72	37.71	102.11	23.84	126.58	119.67	100.04	86.72	189.64	189.43	173.52	148.44	168	113	81.60
	cis-1,3-Dichloropropene	ND	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	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	7.18	11.68	13.59	15.83	ND	10.77	8.39	3.6	2.74	9.3	5.59	1.73	2.72	1.77	2.4	5.45
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.33	ND	5.76	2.49	ND	2.00
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	20.1	67.55	15.44	53.93	28.72	42.58	47.07	37.1	23.91	51.32	54.18	53.26	44.75	33.8	26.3	10.70	
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,2-Dichloroethene	ND	2.01	4.03	ND	3.65	ND	4.65	3.57	3.67	2.74	8.79	9.82	10.82	5.07	5.45	3.07	3.18	
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
Trichloroethene	7.41	19.82	41.58	16.84	51.64	16.94	50.65	52.6	34.14	24.25	53.8	50.9	45.34	39.05	42.4	26.1	21.60	
Trichlorofluoromethane	ND	1.93	2.72	ND	4.34	1.95	2.97	2.52	1.24	1.04	3.79	2.9	2.1	2.09	2.14	1.26	2.53	
Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.27	ND	
Vinyl Chloride	NT	NT	NT	NT	10.51	ND	13.3	7.95	12.01	10.23	18.34	13.71	12.75	13.43	15.4	10.2	31.60	

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	
OB12	1,1,1,2-Tetrachloroethane	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,1-Trichloroethane	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,2,2-Tetrachloroethane	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1-Dichloroethane	ND	NS	NS	NS	NS	ND		11.6	2.66	4.97	2.74	12.73	8.14	12.72	10.97	22.7	10.6	39.20
	1,1-Dichloroethene	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.54
	1,2,3-Trichloropropane	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	NS	NS	NS	NS	ND	ND	ND		11	ND	ND	ND	ND	ND	NT	ND	ND
	1,2-Dichloroethane	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND		1.59	ND	1.08	ND	ND	0.63	1.17
	1,2-Dichloropropane	ND	NS	NS	NS	NS	ND		3.25	2.02	4.85	1.13	7.25	3.75	5.61	3.62	5.55	2.93	6.29
	1,4-Dichlorobenzene	ND	NS	NS	NS	NS	ND		2.01	ND	11	1.5	3.77	ND	2.82	ND	4.18	2.83	4.51
	2-Butanone	NT	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	2-Hexanone	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NS	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Acetone	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.59	0.70
	Acrylonitrile	NT	NS	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Benzene	ND	NS	NS	NS	NS	ND		1.58	ND	2.15	ND	3.54	1.89	2.66	1.82	2.63	1.89	3.46
	Bromochloromethane	ND	NS	NS	NS	NS	ND	ND	ND		1.29	ND	ND	ND	ND	ND	NT	ND	ND
	Bromodichloromethane	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Carbon Tetrachloride	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.21	0.92	1.46
	Chloroethane	ND	NS	NS	NS	NS		7.36	1.27	2.69	1.03	ND	ND	ND	2.5	2.61	1.39	0.87	1.64
	Chloroform	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NS	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	NS	NS	NS	NS		5.03	11.79	7.57	18.1	22.6	25.91	25.54	26.92	26.86	21.4	12.4	26.20
	cis-1,3-Dichloropropene	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	NS	NS	NS	NS	ND		7.22	ND	12.3	1.72	6.16	9.35	6.24	4.91	8.27	11.3	8.19
	Ethylbenzene	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NS	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	0.85
	ortho-Xylene	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	NS	NS	NS	NS		4.85	12.43	5.03	21.98	ND	23.67	16.57	21.49	7.95	15.4	20	17.10
	Toluene	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	NS	NS	NS	NS	ND	ND	ND		1.38	ND	2.68	1.42	1.52	1.23	1.91	1.62	2.44	
trans-1,3-Dichloropropene	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2-buten	ND	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
Trichloroethene	ND	NS	NS	NS	NS		10.18	14.72	13.99	17.23	ND	24.95	12.65	18.35	6.22	18.1	11.6	20.30	
Trichlorofluoromethane	ND	NS	NS	NS	NS	ND		2.57	ND	2.26	ND	3.46	1.91	1.78	ND	2.42	1.8	3.80	
Vinyl Acetate	NT	NS	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	
Vinyl Chloride	NT	NS	NS	NS	NS		1.01	1.8	ND	6.32	1.54	2.9	6.72	3.97	6.99	6.3	7.32	6.22	

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F
OB15	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	1.65	2.69	3.21	1.48	NS	3.19	1.88	7.04	NS	4.2	4.03	4.04	4.62	1.08	12.00
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	1.34	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	NS	ND	11	ND	NS	ND	ND	ND	NT	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.07	NS	ND	11	ND	NS	ND	ND	ND	ND	0.28	ND
	2-Butanone	NT	NT	NT	NT	NT	NT	NS	ND	6.45	ND	NS	NT	NT	NT	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	NT	NT	NT	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NS	NT	NT	NT	NS	NT	NT	NT	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	NT	NT	NT	ND	0.61	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NS	NT	NT	NT	NS	NT	NT	NT	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	NT	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	1.77	ND	ND	NS	ND	ND	ND	NS	NT	NT	NT	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	0.05	0.98
	Chloroform	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	NS	NT	NT	NT	NS	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	NS	ND	ND	1.28	NS	1.1	1.51	1.17	1.51	1.18	1.02
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	NT	NT	NT	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NS	NT	NT	NT	NS	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	0.48	0.54
	Toluene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	0.39	ND	
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	NT	NT	NT	ND	ND	ND	
Trichloroethene	ND	ND	1.57	1.24	1.42	ND	NS	2.73	1.75	1.16	NS	ND	ND	ND	ND	2.31	1.23	
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	
Vinyl Acetate	NT	NT	NT	NT	NT	NT	NS	NT	NT	NT	NS	NT	NT	NT	NT	0.01	ND	
Vinyl Chloride	NT	NT	NT	NT	4.28	6.37	NS	6.33	11.66	18.4	NS	6.29	9.17	2.78	3.92	3.55	10.20	

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F
OB25	1,1,1,2-Tetrachloroethane	ND	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	ND
	1,1,2,2-Tetrachloroethane	ND	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	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.13	0.63	1.11
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	143.00
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	1,2-Dichloroethane	ND	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	0.23	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.38	ND	ND	ND	3.16	0.71	3.80
	2-Butanone	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.45	0.87
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	0.82	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.11
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	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	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Carbon Tetrachloride	ND	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	1.58	ND	1.07	ND	1.93	0.47	4.50
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.17	0.69
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.56	6.07	4.38	6.23	4.12	7.5	4.52	6.82
	cis-1,3-Dichloropropene	ND	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	ND
	Dibromomethane	ND	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	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	1.45	ND	ND	ND	ND	ND	ND	ND	ND	1.44	ND	ND	ND	ND	ND	0.86	
Toluene	ND	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	ND	
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.04	2.43	1.21	ND	ND	1.66	0.81	2.24	
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	
Vinyl Chloride	NT	NT	NT	NT	3.33	ND	1.21	ND	2.15	ND	5.29	ND	4.29	ND	2.61	0.38	4.04	

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F
ST015	1,1,1,2-Tetrachloroethane	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
	1,1,1-Trichloroethane	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	NS	NS	NS	ND	ND	ND	ND	2.82	ND	ND	ND	ND	NS	ND	ND	ND	ND
	1,1,2-Trichloroethane	NS	NS	NS	ND	ND	ND	ND	1.8	ND	ND	ND	ND	NS	ND	ND	ND	ND
	1,1-Dichloroethane	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
	1,1-Dichloroethene	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
	1,2,3-Trichloropropane	NS	NS	NS	ND	ND	ND	ND	3.69	ND	ND	ND	ND	NS	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	NS	NS	NS	ND	ND	ND	ND	5.52	ND	ND	ND	ND	NS	ND	ND	ND	ND
	1,2-Dibromoethane	NS	NS	NS	ND	ND	ND	ND	2.56	ND	ND	ND	ND	NS	ND	ND	ND	ND
	1,2-Dichlorobenzene	NS	NS	NS	ND	ND	ND	ND	ND	10	ND	ND	ND	NS	ND	NT	ND	ND
	1,2-Dichloroethane	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
	1,2-Dichloropropane	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
	1,4-Dichlorobenzene	NS	NS	NS	ND	ND	ND	ND	ND	10	ND	ND	ND	NS	ND	ND	0.27	ND
	2-Butanone	NS	NS	NS	NT	ND	ND	ND	NT	ND	ND	ND	NT	NS	NT	ND	ND	0.56
	2-Hexanone	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND	ND
	4-Methyl-2-Pentanone	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NS	NT	ND	ND	ND
	Acetone	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	0.27	ND
	Acrylonitrile	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NS	NT	ND	ND	ND
	Benzene	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	1.11	ND	NS	ND	ND	ND	ND
	Bromochloromethane	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NT	ND	ND
	Bromodichloromethane	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
	Bromoform	NS	NS	NS	ND	ND	ND	ND	1.09	ND	ND	ND	ND	NS	ND	ND	ND	ND
	Bromomethane	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
	Carbon disulfide	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND	ND
	Carbon Tetrachloride	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
	Chlorobenzene	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
	Chloroethane	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
	Chloroform	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
	Chloromethane	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NS	ND	ND	ND	ND
	cis-1,2-Dichloroethene	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.78	ND
	cis-1,3-Dichloropropene	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
	Dibromochloromethane	NS	NS	NS	ND	ND	ND	ND	1.04	ND	ND	ND	ND	NS	ND	ND	ND	ND
	Dibromomethane	NS	NS	NS	ND	ND	ND	ND	2.33	ND	ND	ND	ND	NS	ND	ND	ND	ND
	Dichloromethane	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
	Ethylbenzene	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	1.15	ND	NS	ND	ND	ND	ND
	Methyl Iodide	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND
	Methyl Tertiary Butyl Ether	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NS	ND	ND	ND	ND
	ortho-Xylene	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	1.45	ND	NS	ND	ND	ND	ND
	para-Xylene & meta-Xylene	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	3.64	ND	NS	ND	ND	ND	ND
	Styrene	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND
Tetrachloroethene	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
Toluene	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	5.94	ND	NS	ND	ND	ND	ND	
trans-1,2-Dichloroethene	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
trans-1,3-Dichloropropene	NS	NS	NS	ND	ND	ND	ND	1.06	ND	ND	ND	ND	NS	ND	ND	ND	ND	
trans-1,4-Dichloro-2-buten	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND	
Trichloroethene	NS	NS	NS	1.08	1.05	ND	ND	ND	ND	ND	1.4	ND	1.1	NS	2.2	ND	1.38	ND
Trichlorofluoromethane	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	
Vinyl Acetate	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NS	NT	NT	ND	ND	
Vinyl Chloride	NS	NS	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	
ST120	1,1,1,2-Tetrachloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,1-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,2,2-Tetrachloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1-Dichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2,3-Trichloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dibromo-3-chloropropan		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dibromoethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	
	1,2-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,4-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		0.22	ND
	2-Butanone		NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
	2-Hexanone		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
	4-Methyl-2-Pentanone		NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND		0.21	ND
	Acetone		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
	Acrylonitrile		NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Benzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	Bromodichloromethane		ND	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	ND
	Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	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	ND
	Chloroform		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane		NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	0.87
	cis-1,2-Dichloroethene		ND	ND	ND	ND	ND		1.22	ND	2.52	ND	2.99	1.22	ND	1.15	1.54	0.57	1.26
	cis-1,3-Dichloropropene		ND	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	ND
	Dibromomethane		ND	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	ND
	Ethylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether		NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	ortho-Xylene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene			1.39	ND	ND	ND	ND	ND		1.65	ND	1.56	ND	ND	ND	ND	ND	1.10	
Toluene		ND	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	ND	
trans-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2-buten		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
Trichloroethene		ND	ND	ND	ND	ND	ND	ND		1.33	ND	1.4	ND	ND	ND	ND	0.27	0.90	
Trichlorofluoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl Acetate		NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	
Vinyl Chloride		NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

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	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	
ST65	1,1,1,2-Tetrachloroethane	ND	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	ND	
	1,1,2,2-Tetrachloroethane	ND	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	ND	
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.13	ND	ND	ND	
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	1.04	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	ND	
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	NT	ND	ND
	1,2-Dichloroethane	ND	ND	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	1.34	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	0.17	ND
	2-Butanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	1.17	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	Bromodichloromethane	ND	ND	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	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT
	Carbon Tetrachloride	ND	ND	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	ND	ND
	Chloroethane	ND	ND	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	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	0.81
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.43	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	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	ND	ND
	Dibromomethane	ND	ND	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	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	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	ND	ND	
Toluene	ND	ND	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	ND	ND	
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.13	ND	ND	ND	
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
Vinyl Chloride	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.29	ND	ND	ND	

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Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2002-F	2003-S	2003-F	2004-S	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	
ST70	1,1,1,2-Tetrachloroethane	ND	ND	NS	ND	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	ND	
	1,1,2,2-Tetrachloroethane	ND	ND	NS	ND	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	ND	
	1,1-Dichloroethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1-Dichloroethene	ND	ND	NS	ND	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	ND	ND	ND	ND	
	1,2-Dibromo-3-chloropropan	ND	ND	NS	ND	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	ND	
	1,2-Dichlorobenzene	ND	ND	NS	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	NT	ND	ND
	1,2-Dichloroethane	ND	ND	NS	ND	ND	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	ND	ND
	1,4-Dichlorobenzene	ND	ND	NS	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	0.19	ND
	2-Butanone	NT	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	2-Hexanone	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Acetone	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Acrylonitrile	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Benzene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	Bromodichloromethane	ND	ND	NS	ND	ND	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	ND	ND
	Bromomethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.28	ND
	Carbon disulfide	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Carbon Tetrachloride	ND	ND	NS	ND	ND	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	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	4.24	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	1.04	ND	1.17	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	NS	ND	ND	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	ND	ND
	Dibromomethane	ND	ND	NS	ND	ND	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	ND	ND
	Ethylbenzene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.82	ND	7.27	1.19	4.27	1.04
	ortho-Xylene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	1.52	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Toluene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,2-Dichloroethene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
Trichloroethene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Trichlorofluoromethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl Acetate	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	
Vinyl Chloride	NT	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

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	2002-S	2003-F	2003-S	2004-F	2004-S	2005-F	2005-S	2006-F	2006-S	2007-F	2007-S	2008-Firs	2008-S	2009-F	2009-F	2010-S	2010-F	
ST80	1,1,1,2-Tetrachloroethane	ND	ND	NS	ND	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	ND	
	1,1,2,2-Tetrachloroethane	ND	ND	NS	ND	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	ND	
	1,1-Dichloroethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1-Dichloroethene	ND	ND	NS	ND	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	ND	ND	ND	ND	
	1,2-Dibromo-3-chloropropan	1.12	ND	NS	ND	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	ND	
	1,2-Dichlorobenzene	ND	ND	NS	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	NT	ND	
	1,2-Dichloroethane	ND	ND	NS	ND	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	ND	
	1,4-Dichlorobenzene	ND	ND	NS	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Butanone	NT	NT	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	
	2-Hexanone	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	
	4-Methyl-2-Pentanone	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	
	Acetone	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.69	1.49
	Acrylonitrile	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND
	Benzene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
	Bromodichloromethane	ND	ND	NS	ND	ND	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	ND	ND
	Bromomethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	2.35	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Carbon Tetrachloride	ND	ND	NS	ND	ND	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	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND
	Dibromochloromethane	ND	ND	NS	ND	ND	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	ND	ND
	Dichloromethane	ND	ND	NS	ND	ND	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	ND	ND
	Methyl Iodide	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Toluene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,2-Dichloroethene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	
trans-1,4-Dichloro-2-buten	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	
Trichloroethene	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Trichlorofluoromethane	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl Acetate	NT	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	
Vinyl Chloride	NT	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2002-S	2003-F	2003-S	2004-F	2004-S	2005-F	2005-S	2006-F	2006-S	2007-F	2007-S	2008-Firs	2008-S	2009-F	2009-F	2010-S	2010-F	
MW01	1,1,1,2-Tetrachloroethane																	NT	
	1,1,1-Trichloroethane																	NT	
	1,1,2,2-Tetrachloroethane																	NT	
	1,1,2-Trichloroethane																	NT	
	1,1-Dichloroethane																	NT	
	1,1-Dichloroethene																		NT
	1,2,3-Trichloropropane																		NT
	1,2-Dibromo-3-chloropropan																		NT
	1,2-Dibromoethane																		NT
	1,2-Dichlorobenzene																		NT
	1,2-Dichloroethane																		NT
	1,2-Dichloropropane																		NT
	1,4-Dichlorobenzene																		NT
	2-Butanone																		NT
	2-Hexanone																		NT
	4-Methyl-2-Pentanone																		NT
	Acetone																		NT
	Acrylonitrile																		NT
	Benzene																		NT
	Bromochloromethane																		NT
	Bromodichloromethane																		NT
	Bromoform																		NT
	Bromomethane																		NT
	Carbon disulfide																		NT
	Carbon Tetrachloride																		NT
	Chlorobenzene																		NT
	Chloroethane																		NT
	Chloroform																		NT
	Chloromethane																		NT
	cis-1,2-Dichloroethene																		NT
	cis-1,3-Dichloropropene																		NT
	Dibromochloromethane																		NT
	Dibromomethane																		NT
	Dichloromethane																		NT
	Ethylbenzene																		NT
	Methyl Iodide																		NT
	Methyl Tertiary Butyl Ether																		NT
	ortho-Xylene																		NT
	para-Xylene & meta-Xylene																		NT
	Styrene																		NT
Tetrachloroethene																		NT	
Toluene																		NT	
trans-1,2-Dichloroethene																		NT	
trans-1,3-Dichloropropene																		NT	
trans-1,4-Dichloro-2-buten																		NT	
Trichloroethene																		NT	
Trichlorofluoromethane																		NT	
Vinyl Acetate																		NT	
Vinyl Chloride																		NT	

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2002-S	2003-F	2003-S	2004-F	2004-S	2005-F	2005-S	2006-F	2006-S	2007-F	2007-S	2008-Firs	2008-S	2009-F	2009-F	2010-S	2010-F	
MW2A	1,1,1,2-Tetrachloroethane																	NT	
	1,1,1-Trichloroethane																	NT	
	1,1,2,2-Tetrachloroethane																	NT	
	1,1,2-Trichloroethane																	NT	
	1,1-Dichloroethane																	NT	
	1,1-Dichloroethene																		NT
	1,2,3-Trichloropropane																		NT
	1,2-Dibromo-3-chloropropan																		NT
	1,2-Dibromoethane																		NT
	1,2-Dichlorobenzene																		NT
	1,2-Dichloroethane																		NT
	1,2-Dichloropropane																		NT
	1,4-Dichlorobenzene																		NT
	2-Butanone																		NT
	2-Hexanone																		NT
	4-Methyl-2-Pentanone																		NT
	Acetone																		NT
	Acrylonitrile																		NT
	Benzene																		NT
	Bromochloromethane																		NT
	Bromodichloromethane																		NT
	Bromoform																		NT
	Bromomethane																		NT
	Carbon disulfide																		NT
	Carbon Tetrachloride																		NT
	Chlorobenzene																		NT
	Chloroethane																		NT
	Chloroform																		NT
	Chloromethane																		NT
	cis-1,2-Dichloroethene																		NT
	cis-1,3-Dichloropropene																		NT
	Dibromochloromethane																		NT
	Dibromomethane																		NT
	Dichloromethane																		NT
	Ethylbenzene																		NT
	Methyl Iodide																		NT
	Methyl Tertiary Butyl Ether																		NT
	ortho-Xylene																		NT
	para-Xylene & meta-Xylene																		NT
	Styrene																		NT
Tetrachloroethene																		NT	
Toluene																		NT	
trans-1,2-Dichloroethene																		NT	
trans-1,3-Dichloropropene																		NT	
trans-1,4-Dichloro-2-buten																		NT	
Trichloroethene																		NT	
Trichlorofluoromethane																		NT	
Vinyl Acetate																		NT	
Vinyl Chloride																		NT	

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2002-S	2003-F	2003-S	2004-F	2004-S	2005-F	2005-S	2006-F	2006-S	2007-F	2007-S	2008-Firs	2008-S	2009-F	2009-F	2010-S	2010-F	
MW2B	1,1,1,2-Tetrachloroethane																	NT	
	1,1,1-Trichloroethane																	NT	
	1,1,2,2-Tetrachloroethane																	NT	
	1,1,2-Trichloroethane																	NT	
	1,1-Dichloroethane																	NT	
	1,1-Dichloroethene																		NT
	1,2,3-Trichloropropane																		NT
	1,2-Dibromo-3-chloropropan																		NT
	1,2-Dibromoethane																		NT
	1,2-Dichlorobenzene																		NT
	1,2-Dichloroethane																		NT
	1,2-Dichloropropane																		NT
	1,4-Dichlorobenzene																		NT
	2-Butanone																		NT
	2-Hexanone																		NT
	4-Methyl-2-Pentanone																		NT
	Acetone																		NT
	Acrylonitrile																		NT
	Benzene																		NT
	Bromochloromethane																		NT
	Bromodichloromethane																		NT
	Bromoform																		NT
	Bromomethane																		NT
	Carbon disulfide																		NT
	Carbon Tetrachloride																		NT
	Chlorobenzene																		NT
	Chloroethane																		NT
	Chloroform																		NT
	Chloromethane																		NT
	cis-1,2-Dichloroethene																		NT
	cis-1,3-Dichloropropene																		NT
	Dibromochloromethane																		NT
	Dibromomethane																		NT
	Dichloromethane																		NT
	Ethylbenzene																		NT
	Methyl Iodide																		NT
	Methyl Tertiary Butyl Ether																		NT
	ortho-Xylene																		NT
	para-Xylene & meta-Xylene																		NT
	Styrene																		NT
Tetrachloroethene																		NT	
Toluene																		NT	
trans-1,2-Dichloroethene																		NT	
trans-1,3-Dichloropropene																		NT	
trans-1,4-Dichloro-2-buten																		NT	
Trichloroethene																		NT	
Trichlorofluoromethane																		NT	
Vinyl Acetate																		NT	
Vinyl Chloride																		NT	

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2002-S	2003-F	2003-S	2004-F	2004-S	2005-F	2005-S	2006-F	2006-S	2007-F	2007-S	2008-Firs	2008-S	2009-F	2009-F	2010-S	2010-F	
MW3A	1,1,1,2-Tetrachloroethane																	ND	
	1,1,1-Trichloroethane																	ND	
	1,1,2,2-Tetrachloroethane																	ND	
	1,1,2-Trichloroethane																	ND	
	1,1-Dichloroethane																	ND	
	1,1-Dichloroethene																		ND
	1,2,3-Trichloropropane																		ND
	1,2-Dibromo-3-chloropropan																		ND
	1,2-Dibromoethane																		ND
	1,2-Dichlorobenzene																		ND
	1,2-Dichloroethane																		ND
	1,2-Dichloropropane																		ND
	1,4-Dichlorobenzene																		ND
	2-Butanone																		ND
	2-Hexanone																		ND
	4-Methyl-2-Pentanone																		ND
	Acetone																		ND
	Acrylonitrile																		ND
	Benzene																		ND
	Bromochloromethane																		ND
	Bromodichloromethane																		ND
	Bromoform																		ND
	Bromomethane																		ND
	Carbon disulfide																		ND
	Carbon Tetrachloride																		ND
	Chlorobenzene																		ND
	Chloroethane																		ND
	Chloroform																		1.46
	Chloromethane																		ND
	cis-1,2-Dichloroethene																		ND
	cis-1,3-Dichloropropene																		ND
	Dibromochloromethane																		ND
	Dibromomethane																		ND
	Dichloromethane																		ND
	Ethylbenzene																		ND
	Methyl Iodide																		ND
	Methyl Tertiary Butyl Ether																		ND
	ortho-Xylene																		ND
	para-Xylene & meta-Xylene																		ND
	Styrene																		ND
Tetrachloroethene																		ND	
Toluene																		ND	
trans-1,2-Dichloroethene																		ND	
trans-1,3-Dichloropropene																		ND	
trans-1,4-Dichloro-2-buten																		ND	
Trichloroethene																		ND	
Trichlorofluoromethane																		ND	
Vinyl Acetate																		ND	
Vinyl Chloride																		ND	

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2002-S	2003-F	2003-S	2004-F	2004-S	2005-F	2005-S	2006-F	2006-S	2007-F	2007-S	2008-Firs	2008-S	2009-F	2009-F	2010-S	2010-F	
MW3B	1,1,1,2-Tetrachloroethane																	ND	
	1,1,1-Trichloroethane																	ND	
	1,1,2,2-Tetrachloroethane																	ND	
	1,1,2-Trichloroethane																	ND	
	1,1-Dichloroethane																	ND	
	1,1-Dichloroethene																		ND
	1,2,3-Trichloropropane																		ND
	1,2-Dibromo-3-chloropropan																		ND
	1,2-Dibromoethane																		ND
	1,2-Dichlorobenzene																		ND
	1,2-Dichloroethane																		ND
	1,2-Dichloropropane																		ND
	1,4-Dichlorobenzene																		ND
	2-Butanone																		ND
	2-Hexanone																		ND
	4-Methyl-2-Pentanone																		ND
	Acetone																		ND
	Acrylonitrile																		ND
	Benzene																		ND
	Bromochloromethane																		ND
	Bromodichloromethane																		ND
	Bromoform																		ND
	Bromomethane																		ND
	Carbon disulfide																		ND
	Carbon Tetrachloride																		ND
	Chlorobenzene																		ND
	Chloroethane																		ND
	Chloroform																		ND
	Chloromethane																		ND
	cis-1,2-Dichloroethene																		1.11
	cis-1,3-Dichloropropene																		ND
	Dibromochloromethane																		ND
	Dibromomethane																		ND
	Dichloromethane																		ND
	Ethylbenzene																		ND
	Methyl Iodide																		ND
	Methyl Tertiary Butyl Ether																		ND
	ortho-Xylene																		ND
	para-Xylene & meta-Xylene																		ND
	Styrene																		ND
Tetrachloroethene																		ND	
Toluene																		ND	
trans-1,2-Dichloroethene																		ND	
trans-1,3-Dichloropropene																		ND	
trans-1,4-Dichloro-2-buten																		ND	
Trichloroethene																		ND	
Trichlorofluoromethane																		ND	
Vinyl Acetate																		ND	
Vinyl Chloride																		ND	

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Location	Parameter	2002-S	2003-F	2003-S	2004-F	2004-S	2005-F	2005-S	2006-F	2006-S	2007-F	2007-S	2008-Firs	2008-S	2009-F	2009-F	2010-S	2010-F	
MW04	1,1,1,2-Tetrachloroethane																	ND	
	1,1,1-Trichloroethane																	ND	
	1,1,2,2-Tetrachloroethane																	ND	
	1,1,2-Trichloroethane																	ND	
	1,1-Dichloroethane																	ND	
	1,1-Dichloroethene																		ND
	1,2,3-Trichloropropane																		ND
	1,2-Dibromo-3-chloropropan																		ND
	1,2-Dibromoethane																		ND
	1,2-Dichlorobenzene																		ND
	1,2-Dichloroethane																		ND
	1,2-Dichloropropane																		ND
	1,4-Dichlorobenzene																		ND
	2-Butanone																		ND
	2-Hexanone																		ND
	4-Methyl-2-Pentanone																		ND
	Acetone																		ND
	Acrylonitrile																		ND
	Benzene																		ND
	Bromochloromethane																		ND
	Bromodichloromethane																		ND
	Bromoform																		ND
	Bromomethane																		ND
	Carbon disulfide																		ND
	Carbon Tetrachloride																		ND
	Chlorobenzene																		ND
	Chloroethane																		ND
	Chloroform																		ND
	Chloromethane																		ND
	cis-1,2-Dichloroethene																		ND
	cis-1,3-Dichloropropene																		ND
	Dibromochloromethane																		ND
	Dibromomethane																		ND
	Dichloromethane																		ND
	Ethylbenzene																		ND
	Methyl Iodide																		ND
	Methyl Tertiary Butyl Ether																		ND
	ortho-Xylene																		ND
	para-Xylene & meta-Xylene																		ND
	Styrene																		ND
Tetrachloroethene																		ND	
Toluene																		ND	
trans-1,2-Dichloroethene																		ND	
trans-1,3-Dichloropropene																		ND	
trans-1,4-Dichloro-2-buten																		ND	
Trichloroethene																		ND	
Trichlorofluoromethane																		ND	
Vinyl Acetate																		ND	
Vinyl Chloride																		ND	

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	2002-S	2003-F	2003-S	2004-F	2004-S	2005-F	2005-S	2006-F	2006-S	2007-F	2007-S	2008-Firs	2008-S	2009-F	2009-F	2010-S	2010-F
MW06	1,1,1,2-Tetrachloroethane																	ND
	1,1,1-Trichloroethane																	ND
	1,1,2,2-Tetrachloroethane																	ND
	1,1,2-Trichloroethane																	ND
	1,1-Dichloroethane																	6.86
	1,1-Dichloroethene																	ND
	1,2,3-Trichloropropane																	ND
	1,2-Dibromo-3-chloropropan																	ND
	1,2-Dibromoethane																	ND
	1,2-Dichlorobenzene																	ND
	1,2-Dichloroethane																	1.84
	1,2-Dichloropropane																	2.37
	1,4-Dichlorobenzene																	6.64
	2-Butanone																	ND
	2-Hexanone																	ND
	4-Methyl-2-Pentanone																	ND
	Acetone																	ND
	Acrylonitrile																	ND
	Benzene																	0.74
	Bromochloromethane																	ND
	Bromodichloromethane																	ND
	Bromoform																	ND
	Bromomethane																	ND
	Carbon disulfide																	ND
	Carbon Tetrachloride																	ND
	Chlorobenzene																	5.77
	Chloroethane																	ND
	Chloroform																	ND
	Chloromethane																	ND
	cis-1,2-Dichloroethene																	33.20
	cis-1,3-Dichloropropene																	ND
	Dibromochloromethane																	ND
	Dibromomethane																	ND
	Dichloromethane																	0.56
	Ethylbenzene																	ND
	Methyl Iodide																	ND
	Methyl Tertiary Butyl Ether																	5.16
	ortho-Xylene																	ND
	para-Xylene & meta-Xylene																	ND
	Styrene																	ND
Tetrachloroethene																	ND	
Toluene																	ND	
trans-1,2-Dichloroethene																	2.63	
trans-1,3-Dichloropropene																	ND	
trans-1,4-Dichloro-2-buten																	ND	
Trichloroethene																	1.19	
Trichlorofluoromethane																	ND	
Vinyl Acetate																	ND	
Vinyl Chloride																	ND	

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	2002-S	2003-F	2003-S	2004-F	2004-S	2005-F	2005-S	2006-F	2006-S	2007-F	2007-S	2008-Firs	2008-S	2009-F	2009-F	2010-S	2010-F	
MW07	1,1,1,2-Tetrachloroethane																	ND	
	1,1,1-Trichloroethane																	ND	
	1,1,2,2-Tetrachloroethane																	ND	
	1,1,2-Trichloroethane																	ND	
	1,1-Dichloroethane																	ND	
	1,1-Dichloroethene																		ND
	1,2,3-Trichloropropane																		ND
	1,2-Dibromo-3-chloropropan																		ND
	1,2-Dibromoethane																		ND
	1,2-Dichlorobenzene																		ND
	1,2-Dichloroethane																		ND
	1,2-Dichloropropane																		ND
	1,4-Dichlorobenzene																		ND
	2-Butanone																		0.73
	2-Hexanone																		ND
	4-Methyl-2-Pentanone																		ND
	Acetone																		4.74
	Acrylonitrile																		ND
	Benzene																		ND
	Bromochloromethane																		ND
	Bromodichloromethane																		ND
	Bromoform																		ND
	Bromomethane																		ND
	Carbon disulfide																		2.00
	Carbon Tetrachloride																		ND
	Chlorobenzene																		ND
	Chloroethane																		ND
	Chloroform																		ND
	Chloromethane																		0.58
	cis-1,2-Dichloroethene																		ND
	cis-1,3-Dichloropropene																		ND
	Dibromochloromethane																		ND
	Dibromomethane																		ND
	Dichloromethane																		ND
	Ethylbenzene																		ND
	Methyl Iodide																		ND
	Methyl Tertiary Butyl Ether																		ND
	ortho-Xylene																		ND
	para-Xylene & meta-Xylene																		ND
	Styrene																		ND
Tetrachloroethene																		0.54	
Toluene																		ND	
trans-1,2-Dichloroethene																		ND	
trans-1,3-Dichloropropene																		ND	
trans-1,4-Dichloro-2-buten																		ND	
Trichloroethene																		0.52	
Trichlorofluoromethane																		ND	
Vinyl Acetate																		ND	
Vinyl Chloride																		ND	

NEW MONITORING WELL
Sampling Started in Fall 2010

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Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2002-S	2003-F	2003-S	2004-F	2004-S	2005-F	2005-S	2006-F	2006-S	2007-F	2007-S	2008-Firs	2008-S	2009-F	2009-F	2010-S	2010-F	
MW08	1,1,1,2-Tetrachloroethane																	ND	
	1,1,1-Trichloroethane																	ND	
	1,1,2,2-Tetrachloroethane																	ND	
	1,1,2-Trichloroethane																	ND	
	1,1-Dichloroethane																	ND	
	1,1-Dichloroethene																		ND
	1,2,3-Trichloropropane																		ND
	1,2-Dibromo-3-chloropropan																		ND
	1,2-Dibromoethane																		ND
	1,2-Dichlorobenzene																		ND
	1,2-Dichloroethane																		ND
	1,2-Dichloropropane																		ND
	1,4-Dichlorobenzene																		ND
	2-Butanone																		ND
	2-Hexanone																		ND
	4-Methyl-2-Pentanone																		ND
	Acetone																		1.41
	Acrylonitrile																		ND
	Benzene																		ND
	Bromochloromethane																		ND
	Bromodichloromethane																		ND
	Bromoform																		ND
	Bromomethane																		ND
	Carbon disulfide																		ND
	Carbon Tetrachloride																		ND
	Chlorobenzene																		0.51
	Chloroethane																		ND
	Chloroform																		ND
	Chloromethane																		1.98
	cis-1,2-Dichloroethene																		ND
	cis-1,3-Dichloropropene																		ND
	Dibromochloromethane																		ND
	Dibromomethane																		ND
	Dichloromethane																		ND
	Ethylbenzene																		ND
	Methyl Iodide																		ND
	Methyl Tertiary Butyl Ether																		ND
	ortho-Xylene																		ND
	para-Xylene & meta-Xylene																		ND
	Styrene																		ND
Tetrachloroethene																		ND	
Toluene																		ND	
trans-1,2-Dichloroethene																		ND	
trans-1,3-Dichloropropene																		ND	
trans-1,4-Dichloro-2-buten																		ND	
Trichloroethene																		ND	
Trichlorofluoromethane																		ND	
Vinyl Acetate																		ND	
Vinyl Chloride																		ND	

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2002-S	2003-F	2003-S	2004-F	2004-S	2005-F	2005-S	2006-F	2006-S	2007-F	2007-S	2008-Firs	2008-S	2009-F	2009-F	2010-S	2010-F
MW09	1,1,1,2-Tetrachloroethane																	ND
	1,1,1-Trichloroethane																	ND
	1,1,2,2-Tetrachloroethane																	ND
	1,1,2-Trichloroethane																	ND
	1,1-Dichloroethane																	ND
	1,1-Dichloroethene																	ND
	1,2,3-Trichloropropane																	ND
	1,2-Dibromo-3-chloropropan																	ND
	1,2-Dibromoethane																	ND
	1,2-Dichlorobenzene																	ND
	1,2-Dichloroethane																	ND
	1,2-Dichloropropane																	ND
	1,4-Dichlorobenzene																	ND
	2-Butanone																	ND
	2-Hexanone																	ND
	4-Methyl-2-Pentanone																	ND
	Acetone																	ND
	Acrylonitrile																	ND
	Benzene																	ND
	Bromochloromethane																	ND
	Bromodichloromethane																	ND
	Bromoform																	ND
	Bromomethane																	ND
	Carbon disulfide																	ND
	Carbon Tetrachloride																	ND
	Chlorobenzene																	ND
	Chloroethane																	ND
	Chloroform																	ND
	Chloromethane																	ND
	cis-1,2-Dichloroethene																	ND
	cis-1,3-Dichloropropene																	ND
	Dibromochloromethane																	ND
	Dibromomethane																	ND
	Dichloromethane																	ND
	Ethylbenzene																	ND
	Methyl Iodide																	ND
	Methyl Tertiary Butyl Ether																	ND
	ortho-Xylene																	ND
	para-Xylene & meta-Xylene																	ND
	Styrene																	ND
Tetrachloroethene																	8.72	
Toluene																	ND	
trans-1,2-Dichloroethene																	ND	
trans-1,3-Dichloropropene																	ND	
trans-1,4-Dichloro-2-buten																	ND	
Trichloroethene																	0.73	
Trichlorofluoromethane																	ND	
Vinyl Acetate																	ND	
Vinyl Chloride																	ND	

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2002-S	2003-F	2003-S	2004-F	2004-S	2005-F	2005-S	2006-F	2006-S	2007-F	2007-S	2008-Firs	2008-S	2009-F	2009-F	2010-S	2010-F	
MW10	1,1,1,2-Tetrachloroethane																	ND	
	1,1,1-Trichloroethane																	ND	
	1,1,2,2-Tetrachloroethane																	ND	
	1,1,2-Trichloroethane																	ND	
	1,1-Dichloroethane																	ND	
	1,1-Dichloroethene																		ND
	1,2,3-Trichloropropane																		ND
	1,2-Dibromo-3-chloropropan																		ND
	1,2-Dibromoethane																		ND
	1,2-Dichlorobenzene																		ND
	1,2-Dichloroethane																		ND
	1,2-Dichloropropane																		ND
	1,4-Dichlorobenzene																		ND
	2-Butanone																		ND
	2-Hexanone																		ND
	4-Methyl-2-Pentanone																		ND
	Acetone																		ND
	Acrylonitrile																		ND
	Benzene																		ND
	Bromochloromethane																		ND
	Bromodichloromethane																		ND
	Bromoform																		ND
	Bromomethane																		ND
	Carbon disulfide																		ND
	Carbon Tetrachloride																		ND
	Chlorobenzene																		ND
	Chloroethane																		ND
	Chloroform																		ND
	Chloromethane																		ND
	cis-1,2-Dichloroethene																		ND
	cis-1,3-Dichloropropene																		ND
	Dibromochloromethane																		ND
	Dibromomethane																		ND
	Dichloromethane																		ND
	Ethylbenzene																		ND
	Methyl Iodide																		ND
	Methyl Tertiary Butyl Ether																		ND
	ortho-Xylene																		ND
	para-Xylene & meta-Xylene																		ND
	Styrene																		ND
Tetrachloroethene																		ND	
Toluene																		ND	
trans-1,2-Dichloroethene																		ND	
trans-1,3-Dichloropropene																		ND	
trans-1,4-Dichloro-2-buten																		ND	
Trichloroethene																		ND	
Trichlorofluoromethane																		ND	
Vinyl Acetate																		ND	
Vinyl Chloride																		ND	

NEW MONITORING WELL
 Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2002-S	2003-F	2003-S	2004-F	2004-S	2005-F	2005-S	2006-F	2006-S	2007-F	2007-S	2008-Firs	2008-S	2009-F	2009-F	2010-S	2010-F	
MW11A	1,1,1,2-Tetrachloroethane																	ND	
	1,1,1-Trichloroethane																	ND	
	1,1,2,2-Tetrachloroethane																	ND	
	1,1,2-Trichloroethane																	ND	
	1,1-Dichloroethane																	ND	
	1,1-Dichloroethene																		ND
	1,2,3-Trichloropropane																		ND
	1,2-Dibromo-3-chloropropan																		ND
	1,2-Dibromoethane																		ND
	1,2-Dichlorobenzene																		ND
	1,2-Dichloroethane																		ND
	1,2-Dichloropropane																		ND
	1,4-Dichlorobenzene																		ND
	2-Butanone																		ND
	2-Hexanone																		ND
	4-Methyl-2-Pentanone																		ND
	Acetone																		ND
	Acrylonitrile																		ND
	Benzene																		ND
	Bromochloromethane																		ND
	Bromodichloromethane																		ND
	Bromoform																		ND
	Bromomethane																		ND
	Carbon disulfide																		ND
	Carbon Tetrachloride																		ND
	Chlorobenzene																		ND
	Chloroethane																		ND
	Chloroform																		ND
	Chloromethane																		ND
	cis-1,2-Dichloroethene																		ND
	cis-1,3-Dichloropropene																		ND
	Dibromochloromethane																		ND
	Dibromomethane																		ND
	Dichloromethane																		ND
	Ethylbenzene																		ND
	Methyl Iodide																		ND
	Methyl Tertiary Butyl Ether																		ND
	ortho-Xylene																		ND
	para-Xylene & meta-Xylene																		ND
	Styrene																		ND
Tetrachloroethene																		ND	
Toluene																		ND	
trans-1,2-Dichloroethene																		ND	
trans-1,3-Dichloropropene																		ND	
trans-1,4-Dichloro-2-buten																		ND	
Trichloroethene																		ND	
Trichlorofluoromethane																		ND	
Vinyl Acetate																		ND	
Vinyl Chloride																		ND	

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2002-S	2003-F	2003-S	2004-F	2004-S	2005-F	2005-S	2006-F	2006-S	2007-F	2007-S	2008-Firs	2008-S	2009-F	2009-F	2010-S	2010-F	
MW11B	1,1,1,2-Tetrachloroethane																	ND	
	1,1,1-Trichloroethane																	ND	
	1,1,2,2-Tetrachloroethane																	ND	
	1,1,2-Trichloroethane																	ND	
	1,1-Dichloroethane																	ND	
	1,1-Dichloroethene																		ND
	1,2,3-Trichloropropane																		ND
	1,2-Dibromo-3-chloropropan																		ND
	1,2-Dibromoethane																		ND
	1,2-Dichlorobenzene																		ND
	1,2-Dichloroethane																		ND
	1,2-Dichloropropane																		ND
	1,4-Dichlorobenzene																		ND
	2-Butanone																		ND
	2-Hexanone																		ND
	4-Methyl-2-Pentanone																		ND
	Acetone																		ND
	Acrylonitrile																		ND
	Benzene																		ND
	Bromochloromethane																		ND
	Bromodichloromethane																		ND
	Bromoform																		ND
	Bromomethane																		ND
	Carbon disulfide																		ND
	Carbon Tetrachloride																		ND
	Chlorobenzene																		ND
	Chloroethane																		ND
	Chloroform																		ND
	Chloromethane																		ND
	cis-1,2-Dichloroethene																		ND
	cis-1,3-Dichloropropene																		ND
	Dibromochloromethane																		ND
	Dibromomethane																		ND
	Dichloromethane																		ND
	Ethylbenzene																		ND
	Methyl Iodide																		ND
	Methyl Tertiary Butyl Ether																		ND
	ortho-Xylene																		ND
	para-Xylene & meta-Xylene																		ND
	Styrene																		ND
Tetrachloroethene																		0.97	
Toluene																		ND	
trans-1,2-Dichloroethene																		ND	
trans-1,3-Dichloropropene																		ND	
trans-1,4-Dichloro-2-buten																		ND	
Trichloroethene																		ND	
Trichlorofluoromethane																		ND	
Vinyl Acetate																		ND	
Vinyl Chloride																		ND	

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2002-S	2003-F	2003-S	2004-F	2004-S	2005-F	2005-S	2006-F	2006-S	2007-F	2007-S	2008-Firs	2008-S	2009-F	2009-F	2010-S	2010-F	
MW12	1,1,1,2-Tetrachloroethane																	ND	
	1,1,1-Trichloroethane																	ND	
	1,1,2,2-Tetrachloroethane																	ND	
	1,1,2-Trichloroethane																	ND	
	1,1-Dichloroethane																	ND	
	1,1-Dichloroethene																		ND
	1,2,3-Trichloropropane																		ND
	1,2-Dibromo-3-chloropropan																		ND
	1,2-Dibromoethane																		ND
	1,2-Dichlorobenzene																		ND
	1,2-Dichloroethane																		ND
	1,2-Dichloropropane																		ND
	1,4-Dichlorobenzene																		ND
	2-Butanone																		ND
	2-Hexanone																		ND
	4-Methyl-2-Pentanone																		ND
	Acetone																		ND
	Acrylonitrile																		ND
	Benzene																		ND
	Bromochloromethane																		ND
	Bromodichloromethane																		ND
	Bromoform																		ND
	Bromomethane																		ND
	Carbon disulfide																		ND
	Carbon Tetrachloride																		ND
	Chlorobenzene																		ND
	Chloroethane																		ND
	Chloroform																		ND
	Chloromethane																		ND
	cis-1,2-Dichloroethene																		ND
	cis-1,3-Dichloropropene																		ND
	Dibromochloromethane																		ND
	Dibromomethane																		ND
	Dichloromethane																		ND
	Ethylbenzene																		ND
	Methyl Iodide																		ND
	Methyl Tertiary Butyl Ether																		ND
	ortho-Xylene																		ND
	para-Xylene & meta-Xylene																		ND
	Styrene																		ND
Tetrachloroethene																		ND	
Toluene																		ND	
trans-1,2-Dichloroethene																		ND	
trans-1,3-Dichloropropene																		ND	
trans-1,4-Dichloro-2-buten																		ND	
Trichloroethene																		ND	
Trichlorofluoromethane																		ND	
Vinyl Acetate																		ND	
Vinyl Chloride																		ND	

NEW MONITORING WELL
 Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2002-S	2003-F	2003-S	2004-F	2004-S	2005-F	2005-S	2006-F	2006-S	2007-F	2007-S	2008-Firs	2008-S	2009-F	2009-F	2010-S	2010-F
MW13A	1,1,1,2-Tetrachloroethane																	ND
	1,1,1-Trichloroethane																	ND
	1,1,2,2-Tetrachloroethane																	ND
	1,1,2-Trichloroethane																	ND
	1,1-Dichloroethane																	17.90
	1,1-Dichloroethene																	ND
	1,2,3-Trichloropropane																	ND
	1,2-Dibromo-3-chloropropan																	ND
	1,2-Dibromoethane																	ND
	1,2-Dichlorobenzene																	ND
	1,2-Dichloroethane																	1.86
	1,2-Dichloropropane																	4.80
	1,4-Dichlorobenzene																	3.54
	2-Butanone																	ND
	2-Hexanone																	ND
	4-Methyl-2-Pentanone																	ND
	Acetone																	0.72
	Acrylonitrile																	ND
	Benzene																	3.31
	Bromochloromethane																	ND
	Bromodichloromethane																	ND
	Bromoform																	ND
	Bromomethane																	ND
	Carbon disulfide																	ND
	Carbon Tetrachloride																	ND
	Chlorobenzene																	1.01
	Chloroethane																	0.97
	Chloroform																	ND
	Chloromethane																	0.96
	cis-1,2-Dichloroethene																	76.70
	cis-1,3-Dichloropropene																	ND
	Dibromochloromethane																	ND
	Dibromomethane																	ND
	Dichloromethane																	8.07
	Ethylbenzene																	ND
	Methyl Iodide																	ND
	Methyl Tertiary Butyl Ether																	0.61
	ortho-Xylene																	ND
	para-Xylene & meta-Xylene																	ND
	Styrene																	ND
Tetrachloroethene																	22.20	
Toluene																	ND	
trans-1,2-Dichloroethene																	3.26	
trans-1,3-Dichloropropene																	ND	
trans-1,4-Dichloro-2-buten																	ND	
Trichloroethene																	26.90	
Trichlorofluoromethane																	1.50	
Vinyl Acetate																	ND	
Vinyl Chloride																	11.10	

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	2002-S	2003-F	2003-S	2004-F	2004-S	2005-F	2005-S	2006-F	2006-S	2007-F	2007-S	2008-Firs	2008-S	2009-F	2009-F	2010-S	2010-F	
MW13B	1,1,1,2-Tetrachloroethane																	ND	
	1,1,1-Trichloroethane																	ND	
	1,1,2,2-Tetrachloroethane																	ND	
	1,1,2-Trichloroethane																	ND	
	1,1-Dichloroethane																	17.80	
	1,1-Dichloroethene																		ND
	1,2,3-Trichloropropane																		ND
	1,2-Dibromo-3-chloropropan																		ND
	1,2-Dibromoethane																		ND
	1,2-Dichlorobenzene																		0.54
	1,2-Dichloroethane																		3.11
	1,2-Dichloropropane																		6.54
	1,4-Dichlorobenzene																		8.86
	2-Butanone																		ND
	2-Hexanone																		ND
	4-Methyl-2-Pentanone																		ND
	Acetone																		0.87
	Acrylonitrile																		ND
	Benzene																		5.56
	Bromochloromethane																		ND
	Bromodichloromethane																		ND
	Bromoform																		ND
	Bromomethane																		ND
	Carbon disulfide																		ND
	Carbon Tetrachloride																		ND
	Chlorobenzene																		1.63
	Chloroethane																		1.14
	Chloroform																		ND
	Chloromethane																		0.76
	cis-1,2-Dichloroethene																		101.00
	cis-1,3-Dichloropropene																		ND
	Dibromochloromethane																		ND
	Dibromomethane																		ND
	Dichloromethane																		8.50
	Ethylbenzene																		ND
	Methyl Iodide																		ND
	Methyl Tertiary Butyl Ether																		0.96
	ortho-Xylene																		ND
	para-Xylene & meta-Xylene																		ND
	Styrene																		ND
Tetrachloroethene																		22.70	
Toluene																		ND	
trans-1,2-Dichloroethene																		4.45	
trans-1,3-Dichloropropene																		ND	
trans-1,4-Dichloro-2-buten																		ND	
Trichloroethene																		32.00	
Trichlorofluoromethane																		1.71	
Vinyl Acetate																		ND	
Vinyl Chloride																		17.20	

NEW MONITORING WELL
Sampling Started in Fall 2010

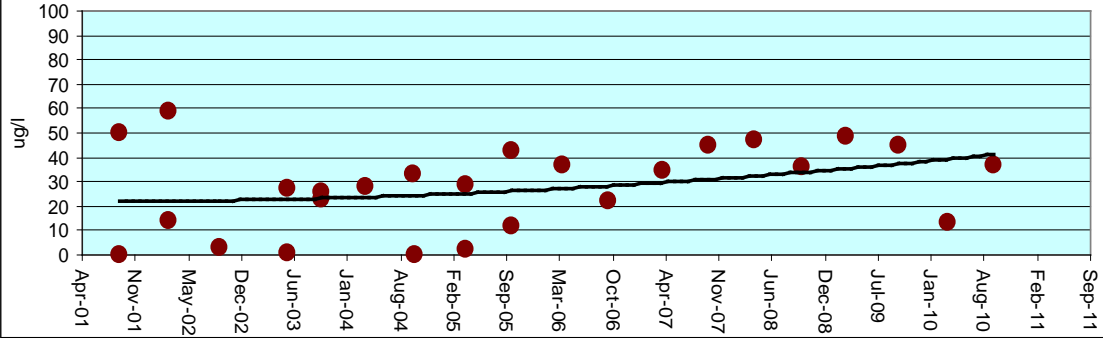
NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
Note: MCL exceedances are indicated in Red

Appendix C

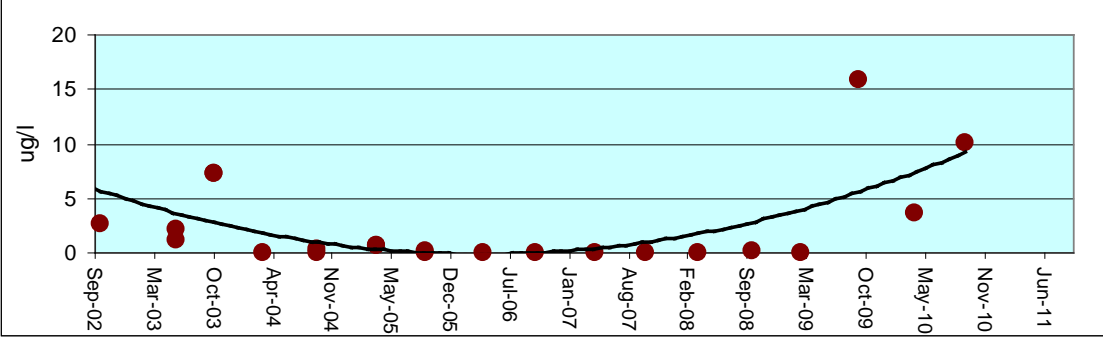
Volatile Organic Compounds

Trend Analysis

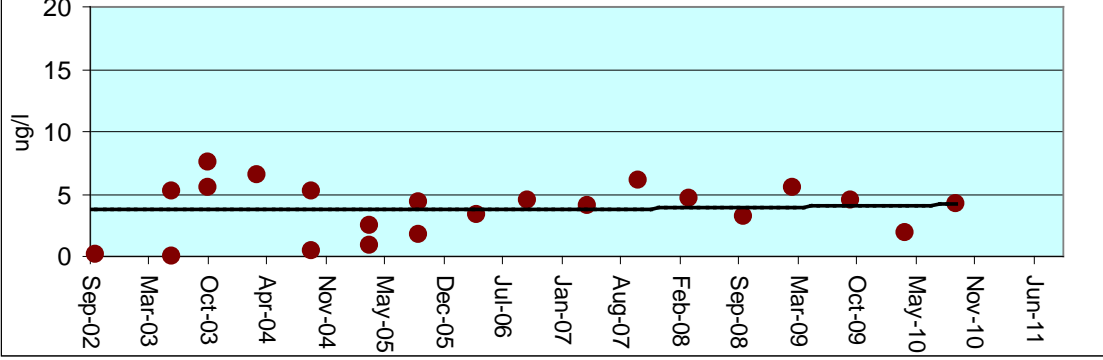
**1,1 - Dichloroethane Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2010**



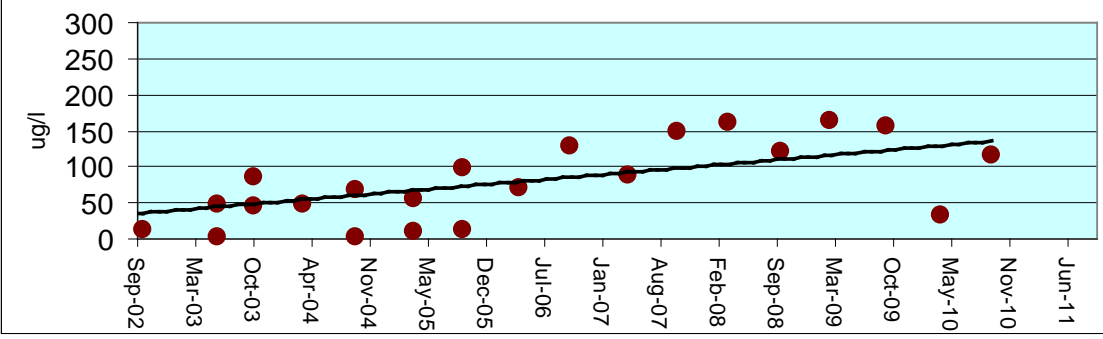
**1,2-Dichloropropane Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2010**

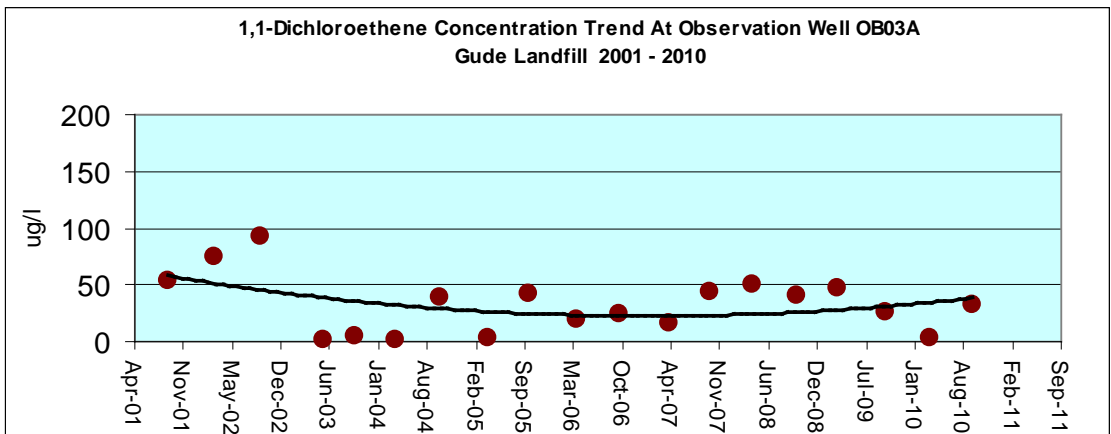
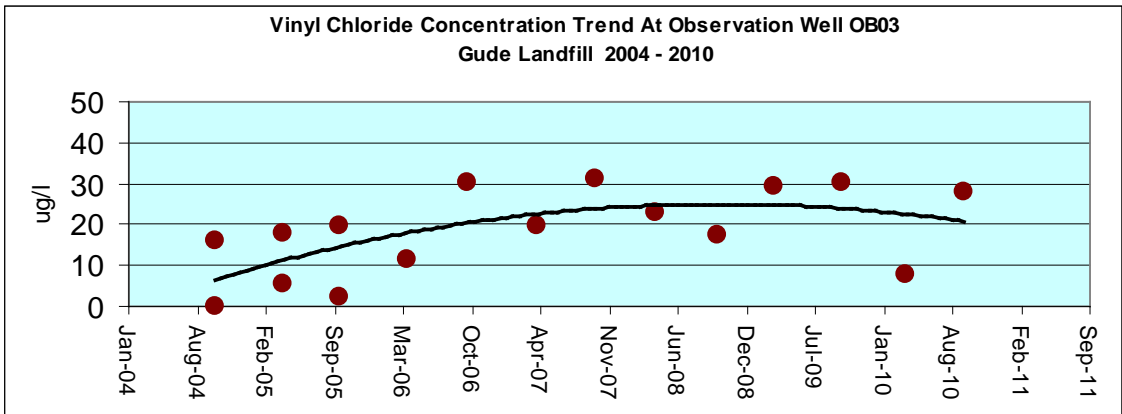
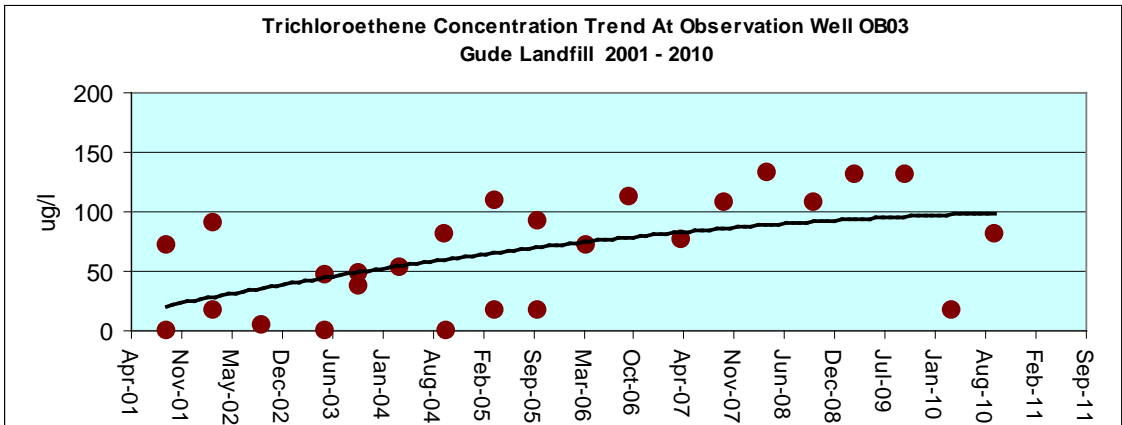
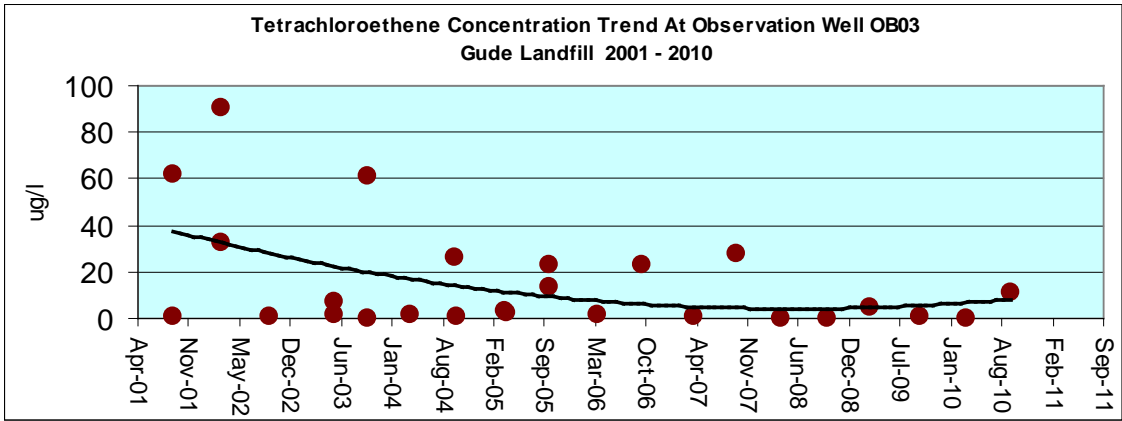


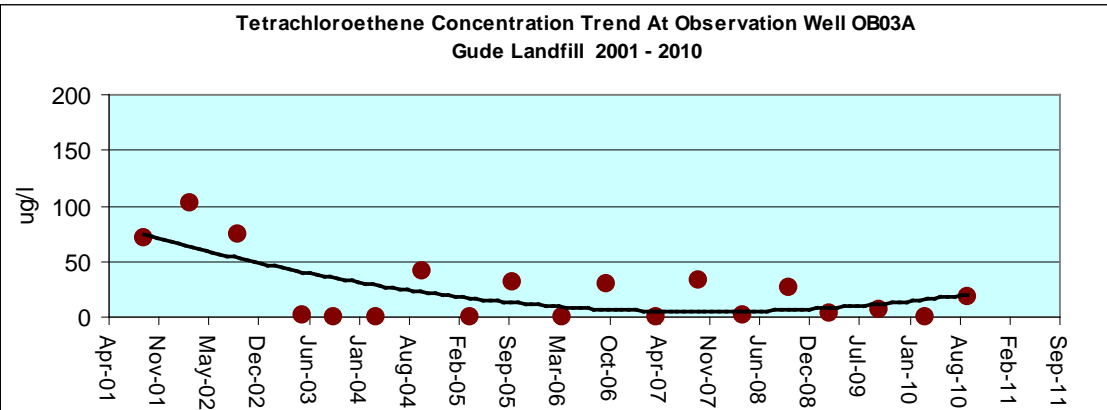
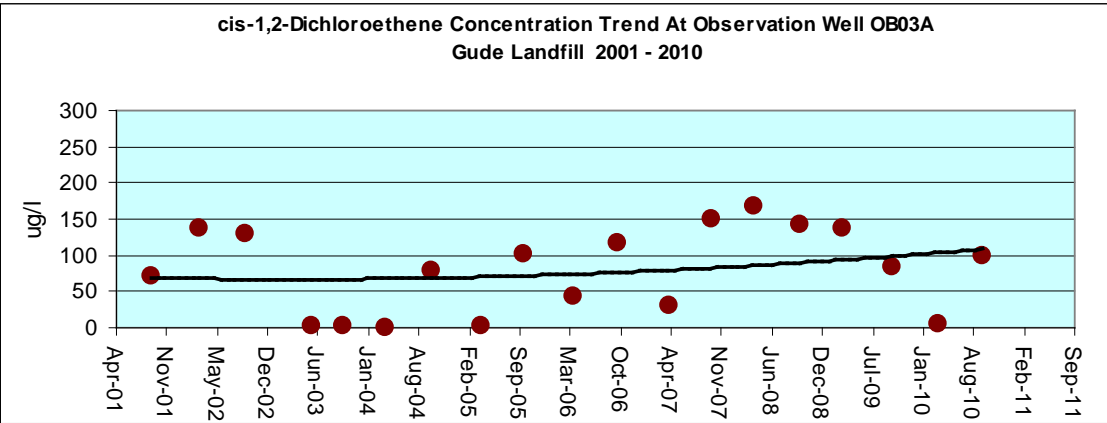
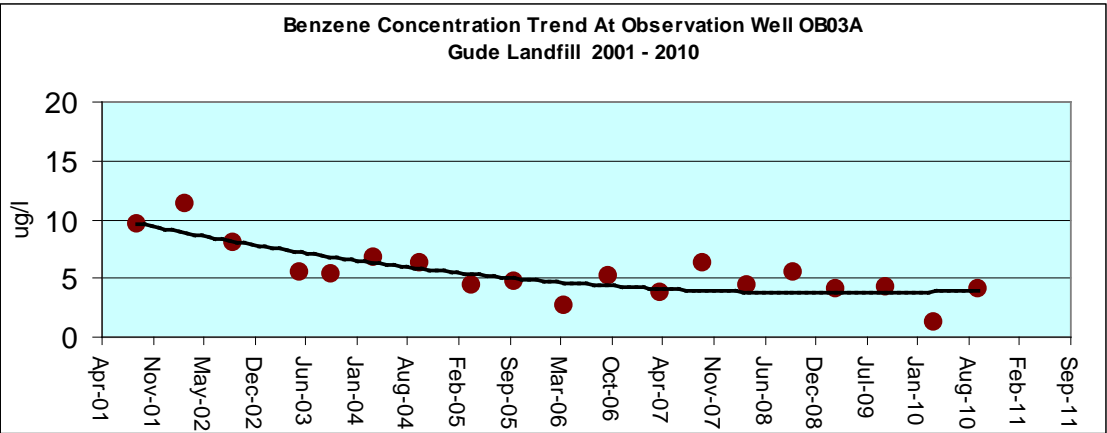
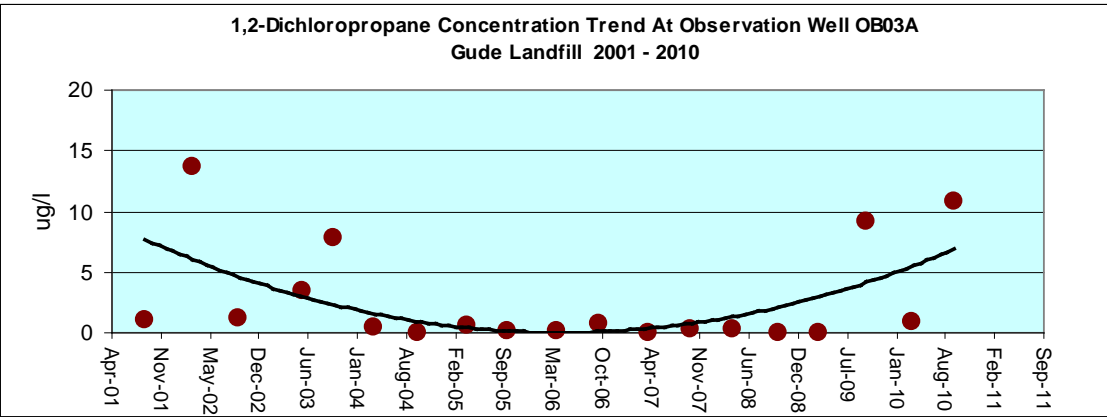
**Benzene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2010**

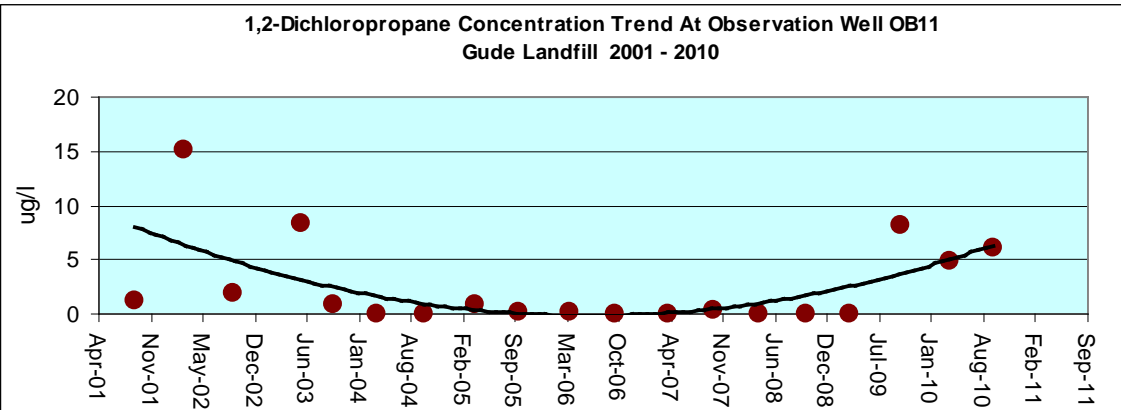
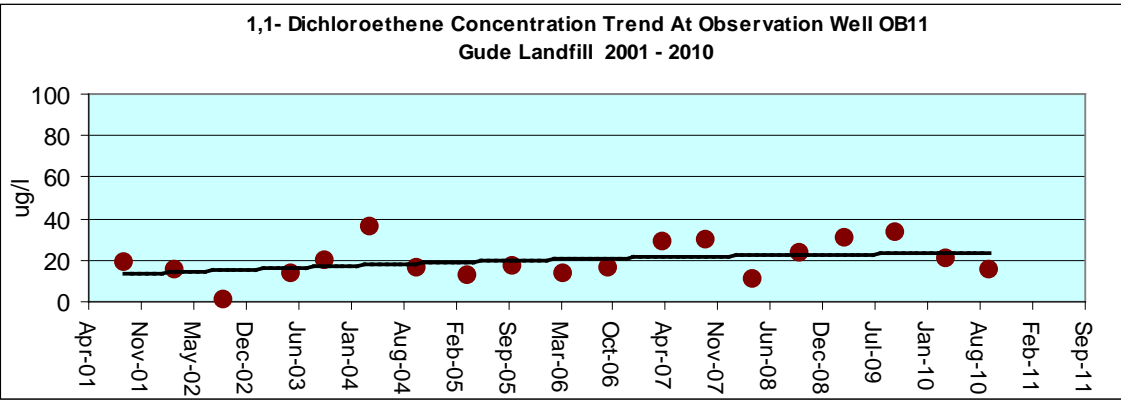
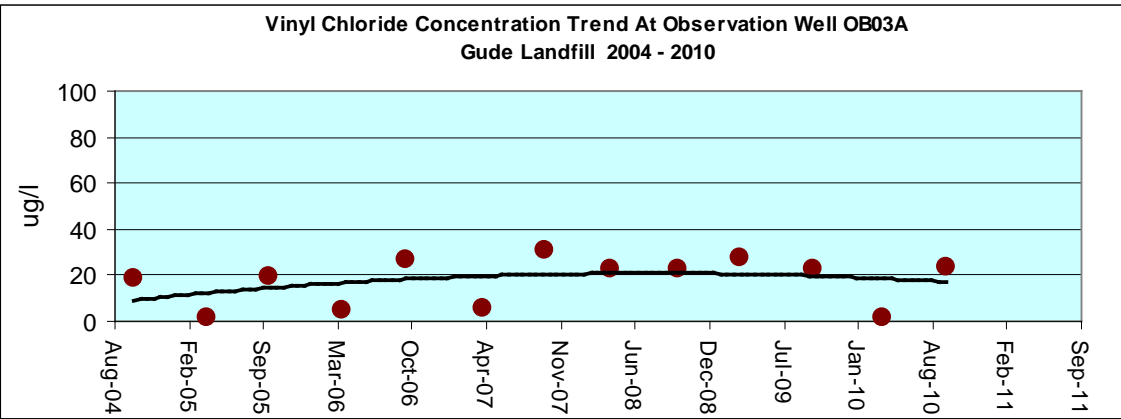
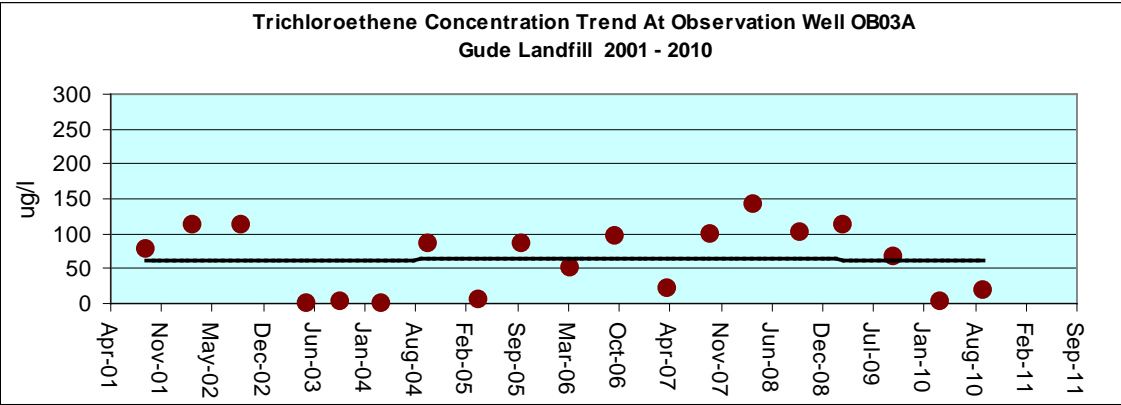


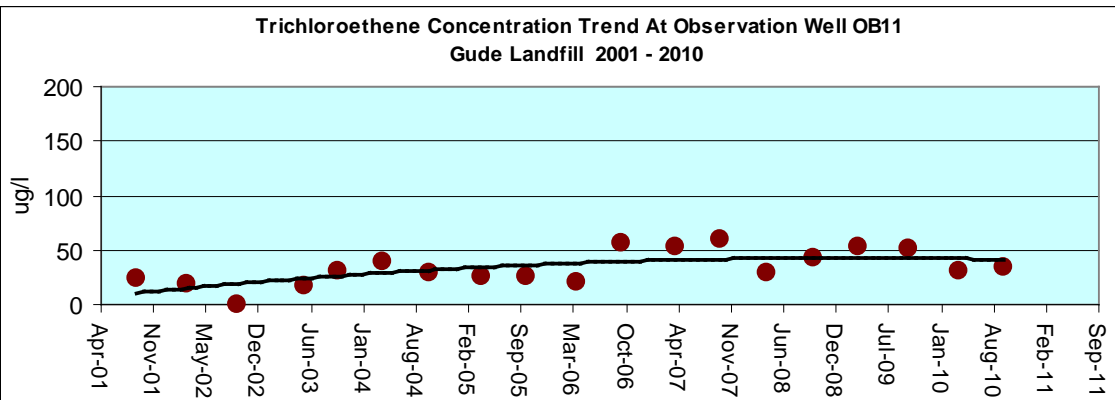
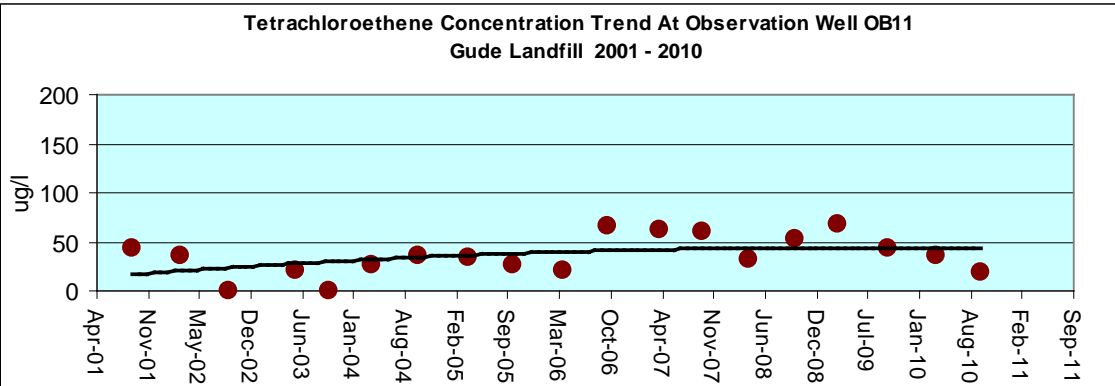
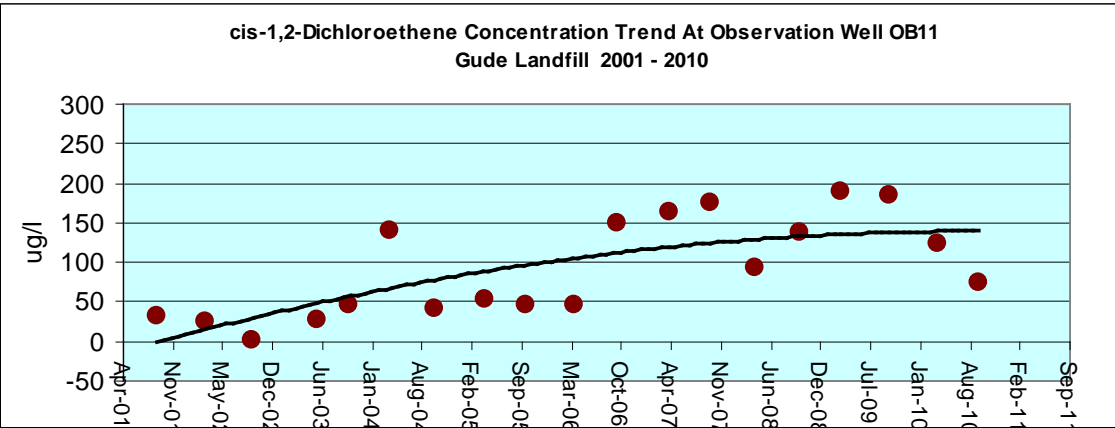
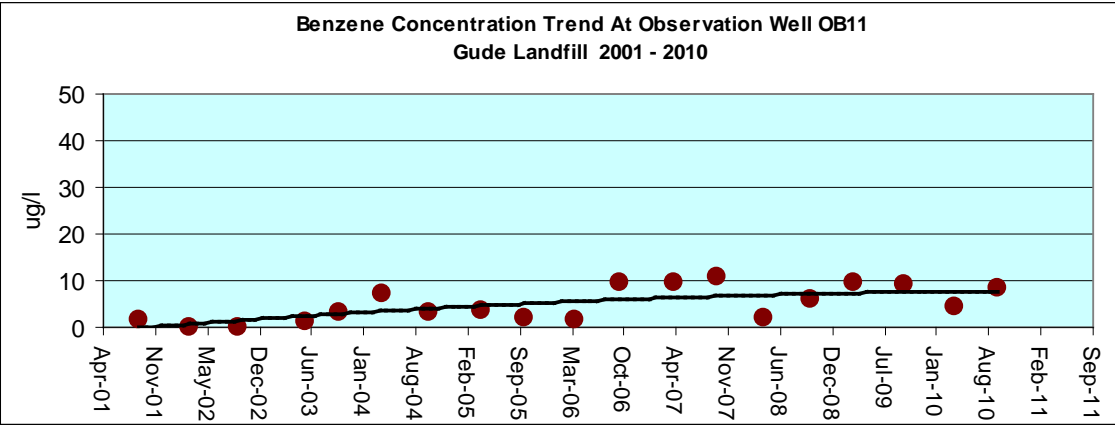
**cis-1,2-Dichloroethene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2010**

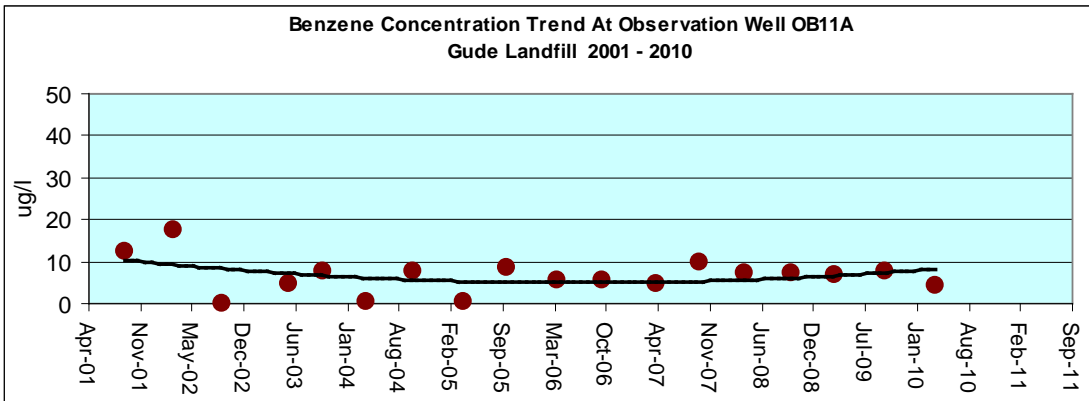
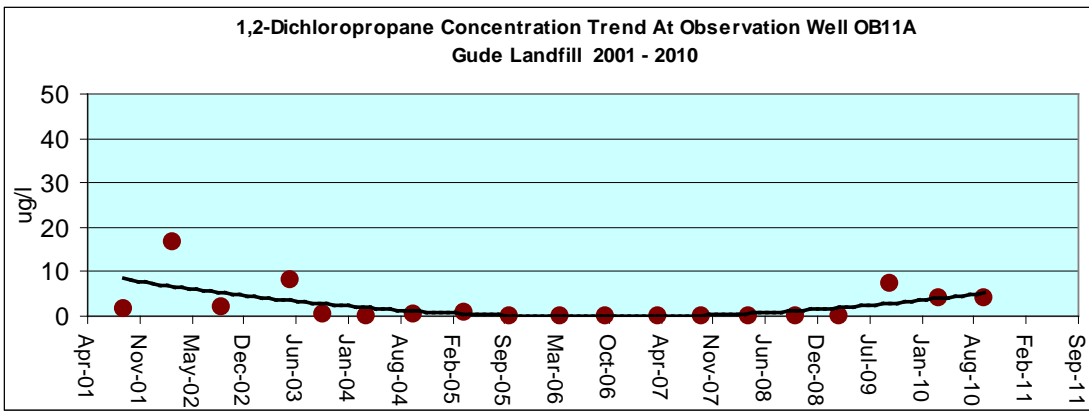
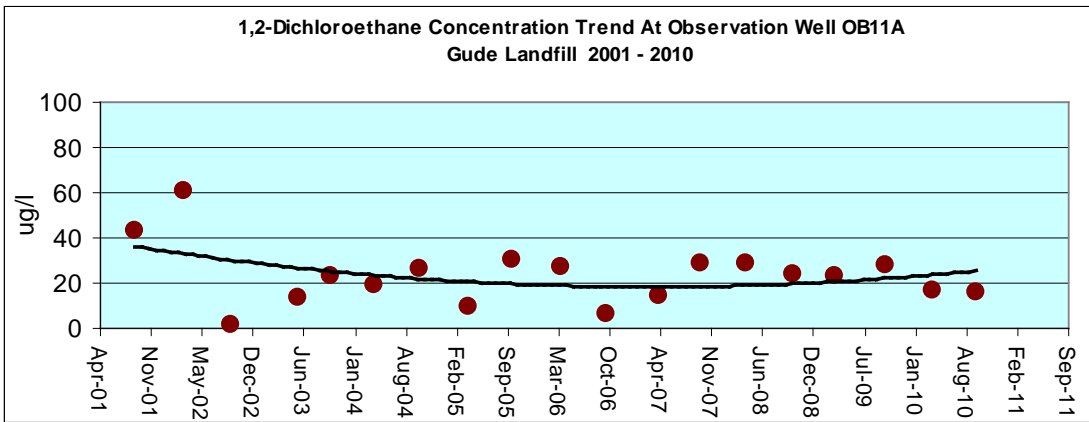
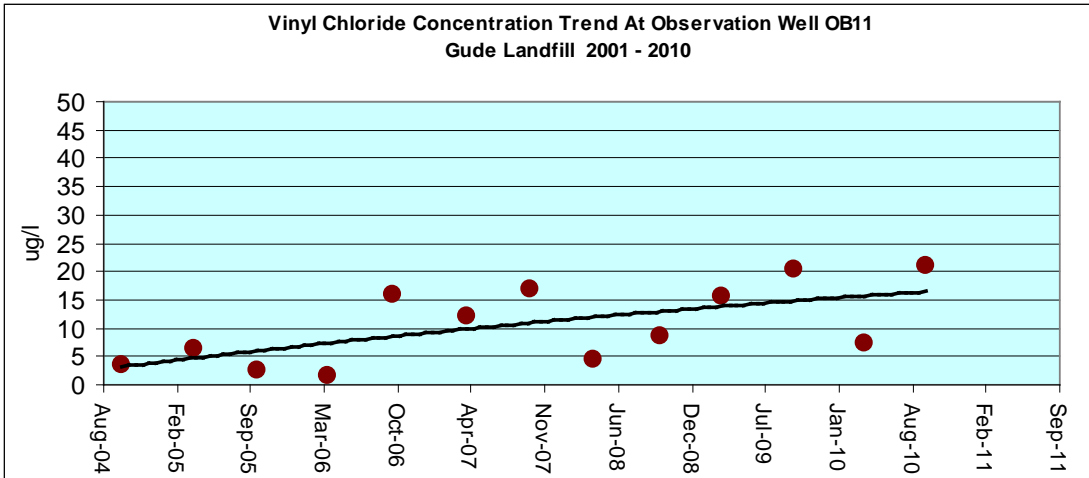


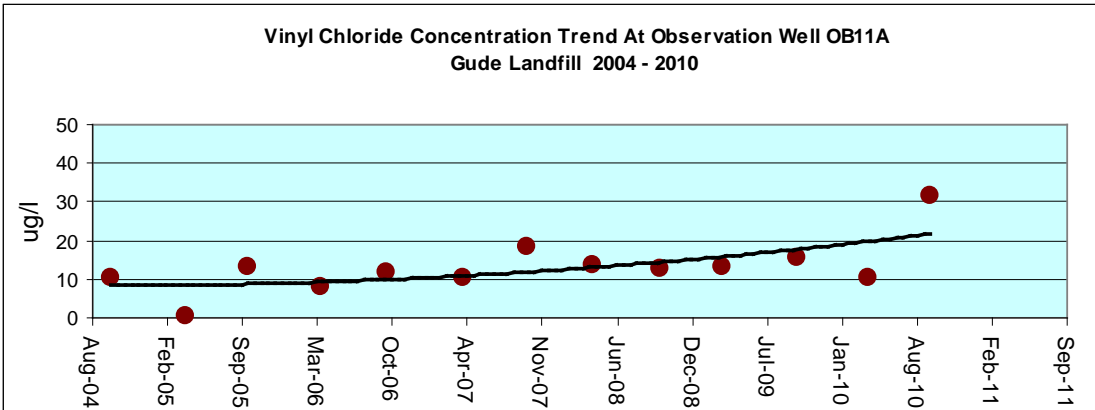
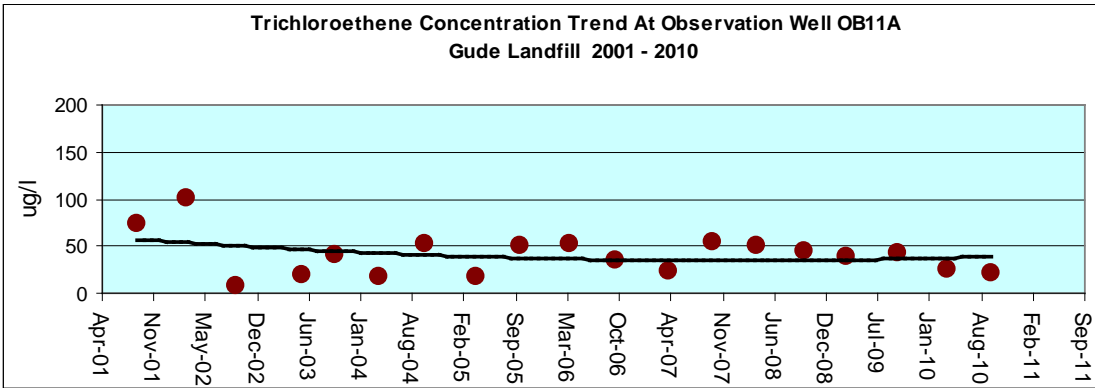
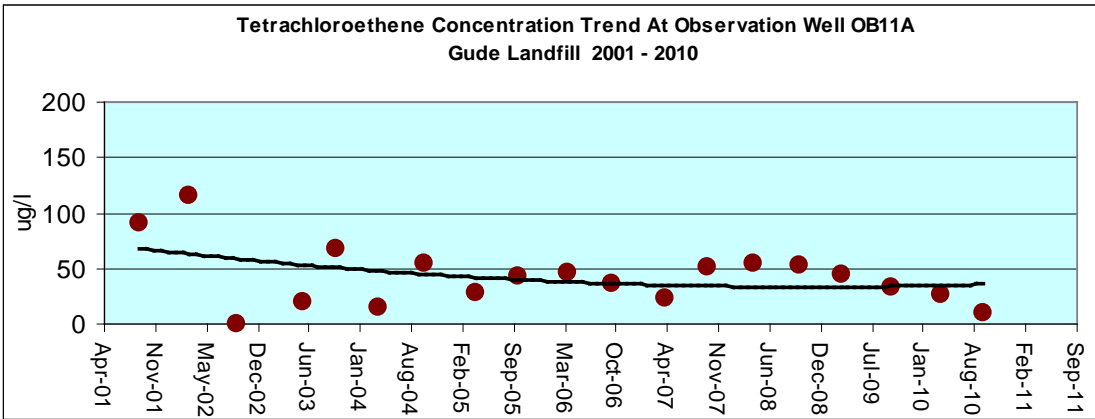
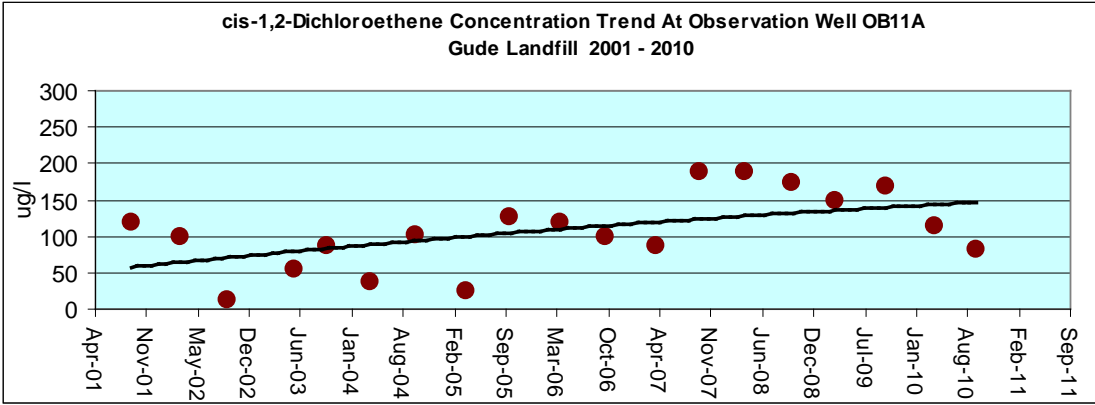






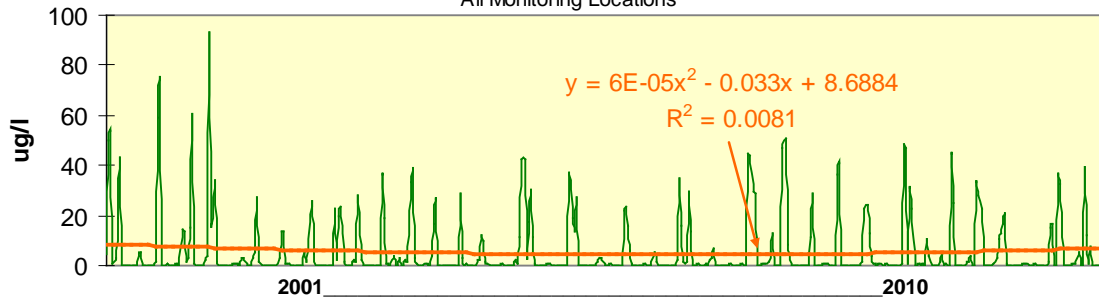






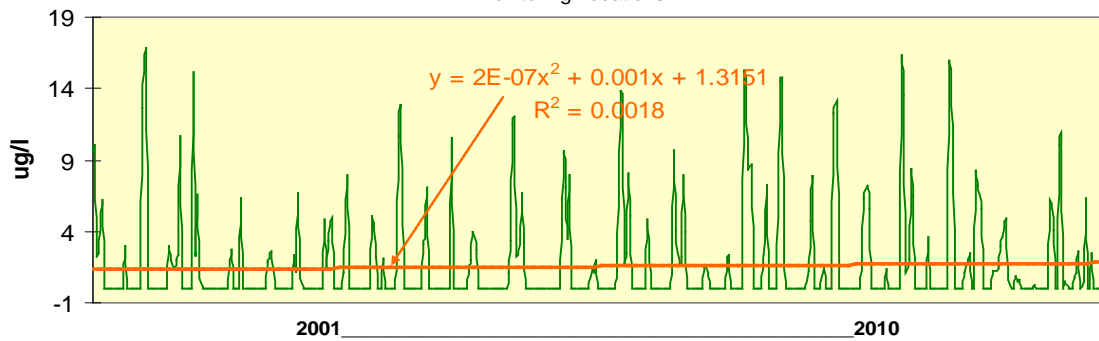
1,1-Dichloroethane Concentration Trend at Gude Landfill

All Monitoring Locations



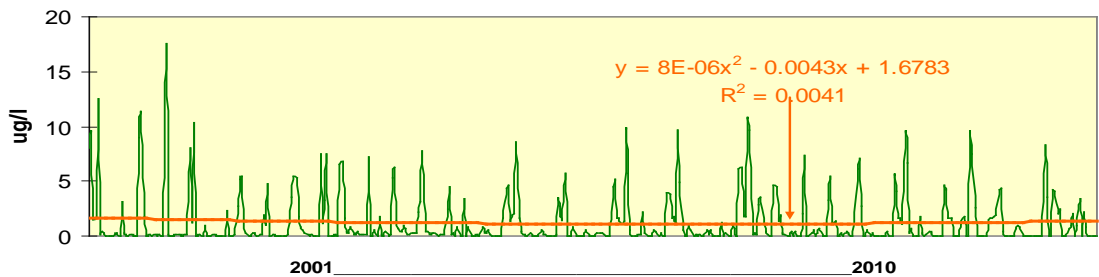
1,2-Dichloropropane Concentration Trend at Gude Landfill

All Monitoring Locations



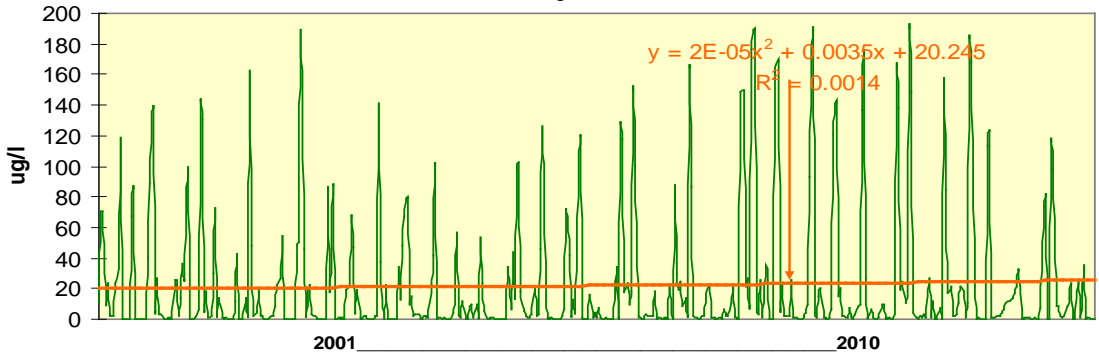
Benzene Concentration Trend at Gude Landfill

All Monitoring Locations



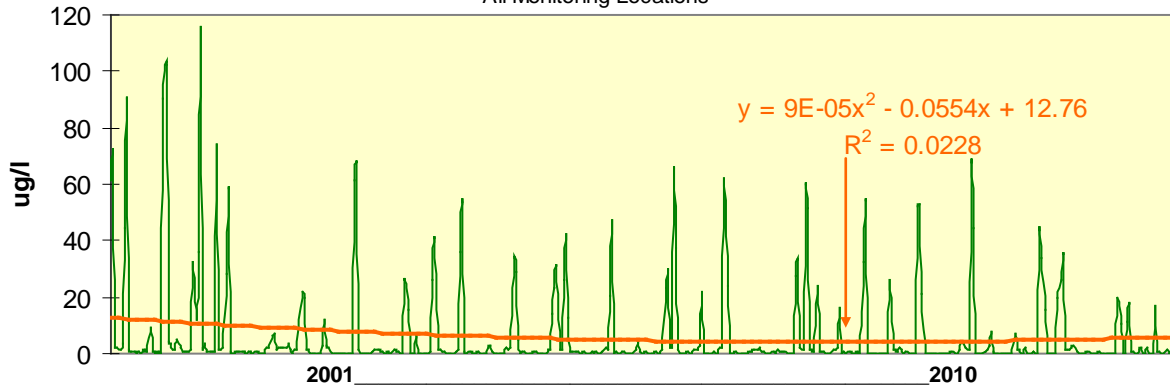
cis-1,2-Dichloroethane Concentration Trend at Gude Landfill

All Monitoring Locations



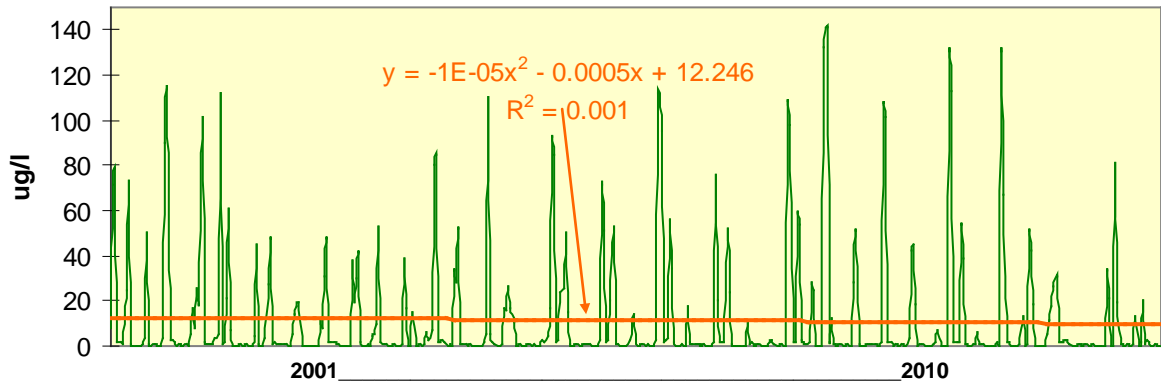
Tetrachloroethene Concentration Trend at Gude Landfill

All Monitoring Locations



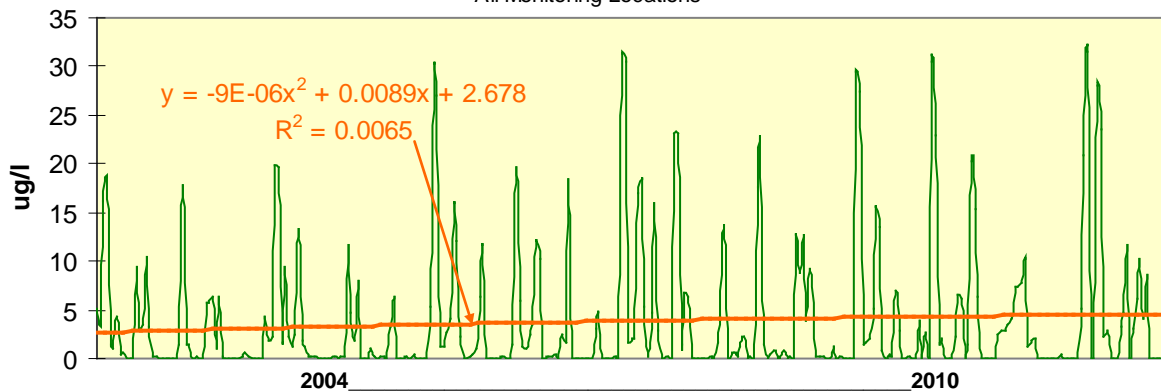
Trichloroethene Concentration Trend at Gude Landfill

All Monitoring Locations



Vinyl Chloride Concentration Trend at Gude Landfill

All Monitoring Locations



Appendix D

Tables of Metals

Results in (mg/l)

Table 3 Metals and Other Water Quality Parameters

Monitoring	Parameter	OB01	OB02	OB02A	OB03	OB03A	OB04	OB04A	OB06	OB07	OB07A	OB08	OB08A	OB10	OB102	OB105	OB11	OB11A	OB12	OB15	OB25	ST015	
Gude Landfill - FALL 2010 Report	Alkalinity	103	72	40	242	270	255	135	220	184	115	248	226	134	1100	600	200	280	108	230	472	79	
	Ammonia	ND	ND	ND	2.9	4.35	0.514	0.281	ND	ND	ND	ND	ND	ND	8.98	5.02	ND	1.7	ND	0.29	3.69	ND	
	Antimony	ND	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	0.006	0.006	0.007	ND	ND	ND	ND	ND	0.007	0.011	ND	ND	ND	ND	ND	ND	ND
	Barium	0.169	0.126	0.345	0.592	0.581	0.255	0.054	0.507	0.033	0.037	0.118	0.078	0.055	0.342	0.258	0.026	0.182	0.015	0.079	0.192	0.068	
	Beryllium	ND	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	0.009	ND	ND	ND	ND	ND	ND
	Calcium	68.2	39.1	87.1	62.3	66	159	113	126	102	72	65.9	52.9	43.4	114	165	133	89.8	32.3	18	90.2	32.5	
	Chloride	241	90	310	155	176	424	468	360	171	205	32.8	58.2	83.6	577	334	358	290	65.8	7.73	173	67.7	
	Chromium	ND	ND	ND	ND	ND	ND	ND	0.127	ND	ND	ND	ND	ND	ND	0.081	ND	ND	ND	ND	0.019	ND	
	Cobalt	0.01	ND	ND	0.066	0.068	ND	ND	0.033	ND	ND	0.006	0.018	0.006	0.084	0.196	ND	0.034	ND	ND	0.053	ND	
	COD	5.1	ND	ND	10.1	12.1	29.8	29.5	31.5	ND	9.7	ND	5.3	10.3	252	207	29	30	7.4	11.2	90	6.7	
	Copper	0.009	0.007	0.008	0.012	0.008	0.042	0.032	0.207	0.013	0.008	0.006	0.006	0.006	0.091	0.173	0.011	0.01	0.007	0.008	0.03	0.008	
	Iron	0.469	0.818	0.682	25	31	1.2	1.24	111	2.14	0.5	0.647	3.35	1.28	3.55	110	1.22	1.33	0.228	27.3	29.9	0.701	
	Lead	ND	ND	ND	ND	ND	ND	ND	0.05	ND	ND	ND	ND	ND	ND	0.033	ND	ND	ND	ND	ND	ND	ND
	Magnesium	38.9	17.7	52.3	35.6	41.6	81	80.3	78.8	28.5	41.6	14.9	19.3	24	94.3	132	67.9	67	19.8	17.4	71.6	15	
	Manganese	3.95	1.24	0.045	21.3	16.4	1.84	1.13	1.57	0.221	0.095	7.18	8.23	3.47	21.8	3.76	0.884	6.38	0.107	3.87	24.2	0.19	
	Mercury	ND	ND	ND	ND	ND	ND	ND	0.001	3E-04	5E-04	ND	ND	ND	ND	0.003	0.003	ND	ND	ND	ND	ND	
	Nickel	0.03	ND	0.012	0.02	0.019	0.015	0.021	0.131	ND	ND	0.008	0.008	0.008	0.101	0.228	0.038	0.023	0.01	0.01	0.051	0.008	
	Nitrate	1.907	ND	0.589	ND	ND	ND	ND	0.87	0.658	0.9	ND	ND	0.008	ND	ND	ND	ND	1.377	0.008	ND	1.388	
	Nitrate+Nitrite	1.91	ND	0.639	ND	ND	ND	ND	1.06	0.708	0.903	ND	ND	ND	ND	ND	ND	ND	1.38	ND	ND	1.4	
	Nitrite	ND	ND	ND	ND	ND	ND	ND	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.012	
	Potassium	3.36	4.43	4.69	6.94	9.18	6.45	4.92	28.8	3.13	2.56	2.63	2.52	2.65	37.8	19.3	4.9	6.81	2.32	2.18	16.6	2.58	
	Selenium	ND	ND	ND	ND	ND	0.022	0.024	0.023	0.006	0.006	ND	ND	ND	0.026	0.021	0.008	0.006	ND	ND	0.006	ND	
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	51.8	17.8	35	41.6	58.5	73.8	91.9	70.4	21.9	26.1	28	31.7	20.3	500	174	68.8	101	25.4	53.3	88.9	24.8	
	Sulfate	26.6	7.38	25.4	16.7	26.9	28.4	12.8	81.7	19.2	21.6	4.83	5.74	ND	57.4	309	9.53	18.4	7.13	56.5	67	25.5	
TDS	1176	388	1192	676	704	1760	1672	1784	1068	1176	384	384	552	2252	1876	1416	1068	408	324	916	404		
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total Hardness	350	169	420	400	360	680	600	550	360	350	300	300	230	900	950	600	660	162	165	750	160		
Turbidity	0.98	2.6	0.891	22.9	13.3	0.632	16.3	3329	40.7	1.55	0.485	0.528	1.16	71.4	3430	5.75	3.31	0.328	25.4	357	6.06		
Vanadium	ND	ND	ND	ND	ND	ND	ND	0.133	ND	ND	ND	ND	ND	ND	0.136	ND	ND	ND	ND	0.014	ND		
Zinc	0.011	0.005	0.008	0.017	0.013	0.008	0.021	0.372	0.011	0.008	ND	ND	0.006	0.022	0.765	0.043	0.022	0.008	0.021	0.109	0.017		

NT: Not Tested

NS: Nos Sampled

ND: Not Detected

Note: MCL exceedances are indicated in Red

Table 3 Metals and Other Water Quality Parameters

Monitoring	Parameter	Gude Landfill - FALL 2010 Report																			
		ST120	ST65	ST70	ST80	MW01	MW2A	MW2B	MW3A	MW3B	MW04	MW06	MW07	MW08	MW09	MW10	MW11A	MW11B	MW12	MW13A	MW13B
	Alkalinity	70	88	115	44	48	30	29	40	160	70	260	90	190	64	100	50	100	15	50	230
	Ammonia	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.726	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	0.048	0.043	0.063	0.031	0.006	0.016	0.011	0.144	0.094	0.228	0.675	0.067	0.273	0.334	1.49	0.749	0.074	1.32	0.332	0.068
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.008	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	31.6	34.3	42.8	12.5	6.83	4.89	4.92	6.89	10.7	34.4	62.6	46.7	59	15.8	29.1	23.4	34.4	82	26.5	82.7
	Chloride	93.2	98.4	97.6	28.6	ND	ND	ND	ND	ND	106	222	131	190	11.9	6.75	4.22	4.18	374	84.3	84.6
	Chromium	ND	ND	ND	ND	0.006	0.008	ND	0.053	0.025	0.026	0.053	ND	0.022	0.059	0.125	0.144	0.008	0.1	0.024	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	0.041	ND	0.026	0.33	0.007	0.082	0.034	0.066	0.07	0.005	0.049	0.029	ND
	COD	11.1	7.7	10	17	ND	ND	ND	ND	ND	ND	ND	12.6	ND	ND	ND	ND	ND	ND	34.6	6.2
	Copper	0.007	0.007	0.008	0.007	0.009	0.008	0.005	0.118	0.013	0.037	0.143	0.016	0.054	0.034	0.197	0.083	0.013	0.109	0.071	0.006
	Iron	0.705	0.286	0.357	0.863	1.22	1.38	ND	61.7	1.33	37.6	69.4	0.69	15.1	48.6	201	149	6.97	100	28.3	0.571
	Lead	ND	ND	ND	ND	ND	ND	ND	0.026	ND	0.022	0.052	ND	0.01	0.037	0.061	0.05	ND	0.062	0.011	ND
	Magnesium	16.3	18.4	17.8	6.23	3.72	2.15	1.94	20.9	0.715	30.9	57.9	23.2	36.9	24.4	78.3	66.6	8.36	69.5	23.5	27.6
	Manganese	0.082	0.018	0.147	0.155	0.038	0.12	0.087	1.08	0.04	2.87	38.9	2.01	3.46	1.8	3.59	3.47	0.167	3.02	0.876	0.031
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3E-04	2E-04
	Nickel	0.007	ND	0.008	ND	0.006	0.01	ND	0.082	0.027	0.076	0.154	0.016	0.053	0.055	0.111	0.145	0.009	0.094	0.035	ND
	Nitrate	0.792	1.117	1.482	0.35	ND	ND	ND	ND	ND	0.376	0.076	10.35	7.63	1.25	ND	1.477	2.307	5.019	2.48	1.467
	Nitrate+Nitrite	0.842	1.12	1.57	0.374	ND	ND	ND	ND	ND	0.389	0.106	10.4	7.68	1.3	ND	1.49	2.31	5.03	2.53	1.47
	Nitrite	ND	ND	0.088	0.024	ND	ND	ND	ND	ND	0.013	0.03	ND	ND	ND	ND	0.013	ND	0.011	ND	ND
	Potassium	3.02	4	6.84	2.68	1.25	1.94	1.36	13	26	12.2	4.92	3.16	10.4	17.8	43.5	27.7	2.5	23.1	8.65	3.3
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.043	ND	ND	ND	0.009	0.006	ND	0.006	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	34	37	40.1	14	10.2	7.15	6.99	7.66	56.7	29.4	56.2	33.4	104	7.23	12.4	8.49	12.6	81.5	17.6	19.9
	Sulfate	13.5	10.8	25.2	5.53	ND	ND	ND	ND	13.5	ND	54.1	13.1	55	ND	7.56	7.07	ND	14.7	ND	6.18
	TDS	376	500	524	168	440	465	648	100	332	552	1080	648	696	168	148	108	156	1520	380	540
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Hardness	180	170	170	68	30	19	18	130	100	183	430	650	270	80	110	90	94	360	160	360
	Turbidity	2.4	0.696	0.753	7.86	28.2	58.9	2.43	1535	42	880	5300	11.1	1227	1160	4340	4880	72.4	3920	1048	0.232
	Vanadium	ND	ND	ND	ND	ND	ND	ND	0.053	0.005	0.021	0.053	ND	0.037	0.054	0.189	0.124	0.023	0.085	0.063	ND
	Zinc	ND	ND	0.007	ND	0.01	0.011	0.006	0.227	0.012	0.138	0.5	0.025	0.16	0.189	0.337	0.334	0.021	0.269	0.09	ND

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Note: MCL exceedances are indicated in Red

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location OB01	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	104	95	103	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	
	Barium	0.0249	0.0342	0.0476	0.1027	0.0588	0.1456	0.036	0.1325	0.1065	0.1459	0.1381	0.1348	0.1286	NT	0.1465	0.164	0.162	0.169	
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	
	Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	64.9	67.6	68.2
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	196	204	241
	Chromium	ND	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	
	Cobalt	ND	ND	ND	0.0054	ND	0.0069	ND	0.007	0.0036	0.0051	0.0094	0.0039	0.0071	NT	ND	0.009	0.0084	0.01	
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	5.1	
	Copper	0.0107	0.0089	0.013	0.0103	ND	0.0114	0.0105	0.0149	0.0107	0.0069	0.0104	0.0071	0.0072	NT	ND	0.007	0.0096	0.009	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	330	320	0.469
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	Lead	0.0024	ND	ND	ND	ND	ND	ND	ND	0.0025	ND	ND	ND	ND	NT	ND	ND	ND	38.9	
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	36	40.3	3.95
	Manganese	0.0333	0.1055	0.2826	0.7486	0.0745	0.845	0.1334	0.8516	ND	1.231	NT	NT	NT	NT	NT	NT	2.77	3.17	ND
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0004	ND	ND	NT	ND	ND	ND	ND	0.03
	Nickel	ND	0.0046	0.0069	0.0088	0.0033	0.0125	0.0035	0.0151	0.0131	0.0177	0.0194	0.0182	0.0152	NT	0.0182	0.026	0.0264	1.907	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.67	1.94	1.91
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.82	5.08	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.52	3.64	3.36
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	47.4	54.5	51.8
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	855.9	920.7	26.6
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	26.4	24.9	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	776	912	1176
	Thallium	ND	ND	ND	ND	ND	ND	ND	0.0013	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	350
Turbidity	3.29	0.9	3.2	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.186	0.18	0.98	
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND		
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0157	0.0084	0.0161	NT	0.012	ND	0.013	0.011		

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location OB02	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	67	57	72	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Barium	0.0838	0.1125	0.0524	0.1579	0.1567	0.1684	0.1443	0.1971	0.1508	0.2539	0.2817	0.2464	0.1635	0.1338	0.1568	0.296	0.344	0.126	
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	60.6	73.9	39.1
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	212	264	90
	Chromium	0.0035	0.0026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	0.003	ND	0.0034	ND	0.0055	ND	0.0049	0.0065	ND	ND	ND	ND	ND	0.0057	0.0071	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Copper	0.0132	0.0137	0.009	ND	0.0106	0.0154	0.0176	0.0267	0.0101	0.0054	0.008	0.0192	0.0052	0.0074	0.0055	0.006	0.0103	0.007	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	350	376	0.818
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.66	2.59	ND
	Lead	0.0051	0.0034	ND	ND	ND	ND	ND	0.0049	0.0022	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.7
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	32.2	43.3	1.24
	Manganese	0.4259	0.437	0.1219	1.429	0.5523	1.252	0.2375	1.3188	0.1466	1.314	NT	NT	NT	NT	NT	NT	1.21	1.34	ND
	Mercury	ND	ND	ND	ND	ND	ND	0.1694	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	ND	0.005	0.0025	0.0043	0.0035	0.0046	0.004	0.0074	0.0022	0.0047	0.0088	0.0062	0.0028	ND	0.0021	0.0082	0.011	ND	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.27	5.35	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.91	7.07	4.43
	Selenium	ND	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	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	22.6	30.6	17.8
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	665	910.3	7.38
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.5	14.9	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	780	1008	388
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	169	
Turbidity	9.11	5	3.4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.3	6.4	2.6	
Vanadium	ND	ND	ND	ND	ND	ND	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.017	0.0176	0.0049	0.0074	0.0091	ND	0.0187	0.005	

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location OB02A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	38	36	40	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0033	ND	ND	ND	
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	
	Barium	0.1163	0.1795	0.105	0.0976	0.1032	0.1403	0.1033	0.1198	0.1035	0.2976	0.2861	0.1479	0.2413	0.1676	0.2743	0.354	0.297	0.345	
	Beryllium	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	NT	NT	NT	NT	NT	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	77.5	76.4	87.1
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	280	286	310
	Chromium	0.0039	0.0026	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	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Copper	0.0118	0.0102	0.009	ND	ND	0.0154	0.0159	0.0114	0.0137	0.0057	0.0062	0.0103	0.0045	0.0061	0.0064	0.0054	0.0075	0.008	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	390	353	0.682
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.414	0.6	ND
	Lead	0.0026	0.0063	ND	ND	ND	ND	ND	ND	0.0031	ND	ND	ND	ND	ND	ND	ND	ND	ND	52.3
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	46.4	44.4	0.045
	Manganese	0.0216	0.1027	0.0345	0.0217	0.0327	0.0366	0.0313	0.0303	0.0128	NT	NT	NT	NT	NT	NT	NT	0.0381	0.0382	ND
	Mercury	ND	ND	ND	ND	ND	ND	0.0482	ND	0.0013	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.012
	Nickel	ND	ND	0.0083	0.0052	0.004	0.0049	0.0059	0.0064	0.006	0.0061	0.0082	0.0092	0.0059	0.0077	0.0073	0.0122	0.0099	0.589	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.5894	0.582	0.639
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.75	4.77	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.73	4.1	4.69
	Selenium	ND	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	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	31.2	32.5	35
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	636.7	925.5	25.4
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	22.4	16.2	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1088	1072	1192
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	420
Turbidity	1.85	3	2.8	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.83	1.16	0.891	
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0068	0.0156	ND	ND	0.0131	ND	0.00713	0.008	

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location OB03	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	265	321	242	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.39	6.46	2.9	
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Arsenic	ND	ND	0.0087	0.0027	0.0085	0.0085	0.0232	0.0079	0.0066	0.0023	0.0023	0.0046	0.004	ND	ND	0.0024	ND	ND	ND
	Barium	0.0219	0.055	0.0275	0.1768	1.353	1.896	1.69	0.1124	1.101	0.6512	0.7963	0.9091	0.7536	0.5928	0.5995	0.588	0.856	0.592	
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Cadmium	0.0074	ND	ND	ND	ND	ND	ND	0.0039	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	59.9	80.3	62.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	134	193	155
	Chromium	ND	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Cobalt	0.0545	ND	0.0592	0.0318	0.0755	0.0614	0.0711	0.0029	0.0593	0.0555	0.0674	0.0581	0.0556	0.053	0.0569	0.0643	0.0662	0.066	
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.6	34.9	10.1
	Copper	0.0106	0.0165	0.012	0.0161	ND	0.0132	0.0145	0.0153	0.0093	0.0499	0.0064	0.0113	0.0066	0.0077	0.0978	0.0063	0.0084	0.012	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	690	700	25
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	28.8	34.6	ND
	Lead	0.0024	0.0031	0.0041	0.0029	0.0036	ND	0.003	0.0027	0.0031	0.02	ND	ND	ND	ND	ND	ND	ND	ND	35.6
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	33.2	52.8	21.3
	Manganese	15.48	0.2459	15.97	9.801	18.17	19.31	20.5775	19.79	20.7743	16.74	NT	NT	NT	NT	NT	NT	18.5	18.8	ND
	Mercury	ND	ND	ND	0.0003	ND	ND	0.005	0.0024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02
	Nickel	0.0151	0.0071	0.0166	0.0114	0.0183	0.0109	0.0047	0.0172	0.0171	0.0408	0.019	0.0175	0.0168	0.0142	0.09	0.0183	0.0167	ND	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.19	4.74	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.2	10.9	6.94
	Selenium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Silver	ND	ND	0.0021	ND	ND	0.0048	0.0046	ND	ND	ND	ND	ND	ND	ND	ND	0.0154	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	35.9	92.8	41.6
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	902	1405	16.7
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.84	31.4	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	564	984	676
	Thallium	0.0011	ND	ND	ND	ND	0.0012	0.0012	ND	ND	ND	ND	ND	0.0015	ND	ND	ND	ND	ND	400
Turbidity	50.5	136	3.7	248	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	11	24.4	22.9	
Vanadium	ND	ND	ND	ND	0.0039	0.0059	0.0078	0.0027	ND	0.0219	ND	0.0023	ND	ND	ND	ND	ND	ND	ND	
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0126	0.0253	0.0208	ND	0.0336	ND	0.0118	0.017		

NT: Not Tested

NS: Not Sampled

ND: Not Detected

Note: MCL exceedances are indicated in Red

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010		
Monitoring Location OB03A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	317	461	270		
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.47	8.93	4.35		
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Arsenic	0.0035	0.0042	0.0046	0.0047	0.004	0.0027	0.0036	0.0034	0.0021	0.0033	0.0046	0.008	0.0032	0.0106	ND	0.0036	ND	ND	ND	
	Barium	0.4795	0.4366	0.6983	0.8541	0.6897	0.6416	0.4988	0.57	0.4668	0.6407	0.9942	0.658	0.5139	0.5699	0.593	0.568	0.421	0.581	0.581	
	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	0.0031	0.0022	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	69.4	91.6	66	
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	194	164	176	
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Cobalt	0.0827	0.0673	0.0834	0.0665	0.0744	0.0612	0.082	0.0654	0.0584	0.0658	0.084	0.0608	0.0609	0.0617	0.063	0.0698	0.0458	0.068	0.068	
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	19.1	38.5	12.1	
	Copper	0.0099	0.009	0.0186	0.0142	ND	ND	ND	0.0141	0.0089	0.0054	0.0101	0.0079	0.0056	0.0083	ND	0.0064	0.0084	0.008	0.008	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	700	670	31	
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	39.4	49.3	ND	
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	0.0026	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.6	
	Magnesium	16.8	18.79	3.107	5.824	2.812	17.89	2.9275	17.88	14.2709	15.08	NT	NT	NT	NT	NT	NT	44.4	66.8	16.4	
	Manganese	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.3	6.35	ND	
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.019	
	Nickel	0.0283	0.019	0.0173	0.0198	0.0167	0.0163	0.0121	0.0178	0.0132	0.0164	0.0219	0.0166	0.0164	0.0166	0.016	0.02	0.0157	ND	ND	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.76	4.98	ND	
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.4	19.2	9.18	
	Selenium	ND	ND	0.004	0.0021	ND	ND	0.0029	ND	ND	ND	0.003	ND	ND	ND	ND	ND	0.0024	ND	ND	
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	70.3	132	58.5	
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1023	1661	26.9	
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	33.5	75.4	ND	
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	780	1112	704	
	Thallium	0.0043	0.0019	ND	ND	ND	0.0013	ND	0.0012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	360	
Turbidity	66	9.3	463	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	39.4	271	13.3		
Vanadium	0	0.0006	0.0019	0.0051	0.0033	0.0018	0.0021	0.0022	0.0011	0	0.0003	0.0113	0.0021	0.0036	0.0005	ND	ND	ND	ND		
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	0.0064	0.017	0.0134	0.0272	0.0272	0.0182	0.0182	0.011	0.00872	0.013	0.013		

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location OB04	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	221	242	255	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.328	0.542	0.514	
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0041	0.0138	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0034	ND	0.006
	Barium	0.1226	0.1375	0.1795	0.1584	0.1513	0.1513	0.0797	0.043	0.1065	0.2328	0.2276	0.222	0.1991	0.2255	0.2468	0.261	0.254	0.255	
	Beryllium	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	NT	NT	NT	NT	NT	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	154	160	159
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	412	193	424
	Chromium	NT	NT	NT	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	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	26.3	25.2	29.8
	Copper	0.0069	0.0096	0.0108	ND	ND	0.0121	0.0157	0.0254	0.0123	0.0316	0.0323	0.029	0.0088	0.0087	0.0311	0.0344	0.0388	0.042	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	670	610	1.2
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.343	1.13	ND
	Lead	ND	0.0039	ND	ND	ND	ND	ND	ND	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	81
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	75.1	83.7	1.84
	Manganese	0.3414	0.366	0.2437	0.4449	0.215	0.6462	0.0306	0.7021	0.1073	1.2	NT	NT	NT	NT	NT	NT	1.32	1.81	ND
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015
	Nickel	0.0112	0.0123	0.0114	0.009	0.0093	0.0112	0.0064	0.0146	0.0095	0.0091	0.0105	0.0102	0.0106	0.0118	ND	0.0137	0.0124	ND	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.71	5.3	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.32	6.52	6.45
	Selenium	0.0148	0.0384	0.0045	0.0033	0.003	0.0056	0.0024	0.0032	0.0047	0.0033	0.0072	0.007	0.005	0.0058	ND	0.0167	0.0066	0.022	
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	71	77.6	73.8
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1673	1758	28.4
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	18.8	21.1	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1348	1772	1760
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	680	
Turbidity	0.64	4.6	2.6	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.07	0.24	0.632	
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.007	0.0058	0.0167	ND	0.0138	ND	0.00761	0.008	

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location OB04A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	125	142	135	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.301	0.366	0.281	
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0054	0.0192	0.0039	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0036	ND	0.006
	Barium	0.0385	0.0397	0.0444	0.0368	0.0406	0.0443	0.0447	0.1167	0.0408	0.0441	0.0432	0.0445	0.0453	0.049	0.0512	0.0542	0.0555	0.054	
	Beryllium	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	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	109	116	113
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	438	311	468
	Chromium	0.0023	0.0032	ND	ND	ND	ND	ND	ND	ND	0.0022	ND	0.0026	ND	ND	ND	ND	0.0021	ND	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	31.3	26.4	29.5
	Copper	0.0246	0.0124	0.0312	0.0185	0.0262	0.0348	0.0339	0.0218	0.026	0.0248	0.0227	0.0261	0.03	0.027	0.0288	0.0328	0.0321	0.032	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	570	550	1.24
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.998	1.57	ND
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	80.3
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	71.9	86.1	1.13
	Manganese	0.443	0.4699	0.5439	0.4973	0.6448	0.6915	0.6969	0.3169	0.6662	0.6592	NT	NT	NT	NT	NT	NT	0.969	1.07	ND
	Mercury	ND	ND	ND	ND	ND	ND	0.0799	ND	ND	ND	ND	ND	ND	0.0004	ND	ND	0.0003	ND	0.021
	Nickel	0.0137	0.0162	0.0152	0.0119	0.0138	0.0141	0.0149	0.0103	0.0142	0.0148	0.0152	0.0157	0.0164	0.0172	0.0159	0.021	0.0194	ND	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.82	4.84	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.93	5.25	4.92
	Selenium	0.0187	0.0531	0.0146	0.0038	0.0035	0.007	0.0027	0.0032	0.0053	0.0032	0.0074	0.0085	0.0077	0.0064	ND	0.0174	0.0071	0.024	
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0026	ND	ND	ND	ND	ND	
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	89.1	101	91.9
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1943	1678	12.8
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.1	12.9	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1200	1764	1672
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	600	
Turbidity	1.49	1	1.4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.3	16.8	16.3	
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Zinc	0.0201	0.0273	0.0321	NT	NT	NT	NT	NT	NT	NT	NT	0.0166	0.017	0.0201	0.0273	0.0321	0.024	0.0227	0.021	

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location OB06	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	150	170	220	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	Antimony	ND	ND	ND	ND	ND	ND	ND	0.0033	ND	ND	0.0034	ND	ND	ND	ND	ND	ND	ND	
	Arsenic	0.0038	0.0125	ND	ND	ND	ND	ND	ND	ND	0.003	0.0027	ND	0.0027	ND	ND	0.0032	ND	0.007	
	Barium	0.1545	0.1651	0.212	0.1657	0.1792	0.1979	0.2335	0.1901	0.2245	0.2017	0.195	0.4262	0.1607	0.17	0.1941	0.196	0.267	0.507	
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	148	147	126
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	356	222	360
	Chromium	ND	0.0043	ND	ND	ND	ND	ND	ND	ND	0.0104	ND	0.0768	ND	ND	0.0127	0.0021	0.021	0.127	
	Cobalt	0.0029	0.0032	0.0045	0.0032	0.0043	0.0043	0.0039	0.005	0.0047	0.0063	0.0049	0.0251	0.0052	0.0052	ND	0.0059	0.0111	0.033	
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	68	55.1	31.5
	Copper	0.0082	0.0098	0.0094	ND	ND	0.0125	0.0138	0.0204	0.0082	0.0192	0.0083	0.1077	0.0096	0.0101	0.0117	0.0116	0.0327	0.207	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	580	560	111
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.7	29.2	0.05
	Lead	ND	0.0023	ND	ND	ND	ND	ND	0.0028	ND	0.0048	ND	0.0491	ND	ND	ND	ND	ND	0.0126	78.8
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	56.6	64.4	1.57
	Manganese	0.1974	0.1885	0.352	0.2544	0.2995	0.3857	0.3813	0.4155	0.4181	0.4954	NT	NT	NT	NT	NT	NT	0.482	0.668	0.001
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0005	0.0003	ND	ND	ND	ND	0.00286	0.131
	Nickel	0.0102	0.0117	0.0141	0.0086	0.0111	0.0118	0.0106	0.0126	0.0138	0.0204	0.0139	0.0805	0.0129	0.0129	0.02	0.0166	0.0349	0.87	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.6869	0.6679	1.06
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.62	5.69	0.19
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.82	6.71	28.8
	Selenium	0.0123	0.0367	0.0087	0.0041	0.005	0.0061	0.006	0.0049	0.0118	0.0088	0.0094	ND	0.0095	0.0088	ND	0.0147	0.008	0.023	
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	0.0088	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	83.3	92	70.4
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1564	1571	81.7
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	82.9	85.1	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1116	1388	1784
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0031	ND	ND	ND	ND	ND	ND	550
Turbidity	2.43	3.1	1.7	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	21.7	533	3329	
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0069	ND	0.0724	ND	ND	ND	ND	ND	0.0204	0.133	
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.036	0.2789	0.031	0.0321	0.0414	0.0414	0.0321	0.116	0.372		

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location OB07	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	163	161	184	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	0.0024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0471	0.0588	0.0561	0.0507	0.0598	0.0815	0.0658	0.0831	0.0938	0.0172	0.0928	0.0903	0.0511	0.0406	0.0252	0.025	0.0414	0.033	
	Beryllium	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	NT	NT	NT	NT	NT	ND	ND	ND	
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	99.5	105	102
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	150	48.8	171
	Chromium	0.0039	0.0049	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0034	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	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	13.6	ND
	Copper	0.0067	0.0073	0.0087	ND	ND	0.0108	ND	0.0129	0.005	0.0057	0.0053	0.0137	0.0033	0.008	ND	0.0062	0.0126	0.013	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	331	350	2.14
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.262	1.07	ND
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0031	ND	ND	ND	ND	ND	ND	28.5
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	26.1	29.7	0.221
	Manganese	0.0046	0.0344	0.0085	ND	ND	0.0043	0.0038	0.0232	0.0772	0.0479	NT	NT	NT	NT	NT	NT	0.0317	0.281	3E-04
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0003	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	ND	0.0031	ND	ND	ND	ND	ND	ND	0.0022	ND	0.0024	0.0056	0.0022	ND	ND	ND	0.0047	0.0057	0.658
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.5482	0.5966	0.708
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.04	5.95	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.07	3.23	3.13
	Selenium	0.0032	0.0089	0.0025	ND	ND	ND	ND	ND	0.0042	ND	0.0029	0.0054	0.0028	ND	ND	ND	0.0044	ND	0.006
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	21.4	23.3	21.9
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	760	828.1	19.2
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.4	15.2	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	644	764	1068
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	360
Turbidity	0.4	3.4	3.5	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.283	14.3	40.7	
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0075	0.023	ND	ND	ND	ND	ND	ND	0.0126	0.011	

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location OB07A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	124	92	115	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	0.0036	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0415	0.0377	0.0438	0.0469	0.0439	0.0248	0.0529	0.027	0.0616	0.0265	0.0313	0.0506	0.0643	0.0864	0.0419	0.0431	0.0693	0.037	
	Beryllium	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	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	91.8	55.8	72
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	235	74.5	205
	Chromium	ND	0.0074	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	0.0041	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0025	0.0027	ND	ND	ND	0.0059	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	17.8	6.1	9.7
	Copper	0.0099	0.0152	0.0086	ND	ND	0.0153	0.0138	0.0129	0.0114	0.0051	0.0055	0.0113	0.0092	0.0116	ND	0.0058	0.0128	0.008	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	420	205	0.5
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.239	ND	ND
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	41.6
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	51.2	21.7	0.095
	Manganese	0.2752	1.076	0.1699	0.0904	0.3046	0.0437	0.0237	0.2041	0.1168	0.0692	NT	NT	NT	NT	NT	NT	0.0592	0.753	5E-04
	Mercury	0.0011	0.0025	0.0006	0.0003	0.0004	0.0003	0.0003	0.0005	ND	0.0009	0.0007	0.0005	0.0005	0.0004	0.0009	0.001	0.00026	ND	
	Nickel	ND	0.0136	0.0068	0.0043	0.0047	0.0024	0.0025	0.0037	0.0044	0.0023	0.0039	0.0059	0.0043	0.0041	ND	0.006	0.0099	0.9	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.8907	ND	0.903
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.51	5.94	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.66	7.32	2.56
	Selenium	0.0034	0.0103	0.0024	ND	ND	0.0022	ND	ND	0.0042	ND	0.0034	0.0044	0.0032	ND	ND	0.0083	ND	0.006	
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	30.2	23.8	26.1
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	706.7	565.4	21.6
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	22.4	3.38	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	784	492	1176
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	350	
Turbidity	1.28	2.4	5.2	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.317	6.85	1.55	
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0065	0.0086	ND	ND	ND	ND	0.0136	0.008	

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location OB08	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	229	245	248	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	Antimony	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	0.0027	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0192	0.0211	0.0327	NT	0.0158	0.0137	0.0102	0.0159	0.0114	0.1281	0.1163	0.1146	0.0822	0.0288	0.1309	0.137	0.126	0.118	
	Beryllium	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	0.0041	ND	NT	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	63.5	71.1	65.9
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	34.7	31.2	32.8
	Chromium	ND	0.004	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	0.0029	ND	NT	ND	ND	ND	ND	ND	0.0084	0.0078	0.0069	0.0034	ND	ND	ND	0.0052	0.0064	0.006
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	4.9	ND
	Copper	0.0089	0.0099	0.0204	NT	ND	0.0126	0.0107	0.0172	0.0073	0.0062	0.006	0.0061	0.0045	0.008	ND	0.0043	0.0073	0.006	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	228	250	0.647
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.301	0.675	ND
	Lead	ND	0.0032	ND	NT	ND	ND	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.9
	Magnesium	5.08	5.08	5.08	5.08	5.08	5.08	5.08	5.08	5.08	5.08	5.08	5.08	5.08	5.08	5.08	5.08	12.9	16.6	7.18
	Manganese	0.3827	0.5544	0.7419	NT	0.2364	0.0976	0.0716	0.4195	0.2417	8.924	NT	NT	NT	NT	NT	NT	6.29	7.07	ND
	Mercury	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.008
	Nickel	ND	0.0149	0.0028	NT	ND	ND	ND	0.0028	0.0021	0.0081	0.0089	0.0082	0.0039	ND	ND	ND	0.0083	0.0081	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.04	5.41	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.81	2.87	2.63
	Selenium	ND	0.0057	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	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	NT	NT	NT	NT	NT	NT	NT	NT	27.2	31.6	28
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	523.1	528.2	4.83
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.54	4.91	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	284	340	384
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	300
Turbidity	1.36	8.1	22.3	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.266	0.77	0.485	
Vanadium	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0057	0.0039	0.0048	ND	ND	ND	ND	ND	ND	ND	

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010
Monitoring Location OB08A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	228	233	226	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.299	ND	
	Antimony	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	0.0191	ND	NT	ND	ND	ND	ND	ND	0.0026	0.003	0.0022	ND	ND	ND	0.0023	ND	ND
	Barium	0.0107	0.1822	0.0098	NT	0.0049	0.0059	0.0057	0.0101	0.0087	0.0974	0.1007	0.082	0.0894	ND	0.0669	0.0815	0.0919	0.078
	Beryllium	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	0.0052	ND	NT	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	59.4	52.6	52.9
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	67.4	39.9	58.2
	Chromium	ND	0.0037	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0035	0.0664	ND	NT	ND	ND	ND	ND	ND	0.0184	0.0171	0.0177	0.0094	ND	0.0167	0.0186	0.0135	0.018
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	39.2	5.3
	Copper	0.0165	0.0141	0.02	NT	ND	0.0102	0.0127	0.0104	0.0078	0.0083	0.0059	0.0058	0.0041	0.0061	ND	0.0051	0.0067	0.006
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	570	330	3.35
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.85	3.33	ND
	Lead	ND	0.0027	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19.3
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	23.2	19.2	8.23
	Manganese	2.6	6.84	0.7339	NT	0.2168	0.0206	0.0218	0.1302	0.2202	9.787	NT	NT	NT	NT	NT	8.16	7.9	ND
	Mercury	ND	0.0003	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.008
	Nickel	ND	0.0481	0.0032	NT	ND	ND	ND	0.0021	0.0026	0.0106	0.0088	0.0083	0.0054	0.0095	ND	0.0095	0.0068	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.65	5.49	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.82	2.73	2.52
	Selenium	ND	0.0265	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	37	34.7	31.7
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	579.9	541.9	5.74
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.85	3.04	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	352	336	384
	Thallium	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	300
Turbidity	5.42	8.5	26.1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.69	3.8	0.528	
Vanadium	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0083	0.0051	0.0045	ND	ND	ND	ND	ND	ND	

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Metals and Other Water Quality Parameters - Long Term Summary

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location OB10	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	110	83	134	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	Antimony	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	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0506	0.0407	0.0434	0.0413	0.0436	0.0425	0.0375	0.0379	0.03	0.0778	0.0366	0.0491	0.0321	0.0416	0.0401	0.0468	0.049	0.055	
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.0034	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	38.6	37.7	43.4
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	82.4	53.3	83.6
	Chromium	ND	0.0028	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0023	ND	0.0029	0.0027	0.0036	0.0035	0.0026	0.0029	ND	0.0035	ND	0.0041	0.0022	ND	ND	0.0029	ND	0.006	
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	7.5	10.3
	Copper	0.0119	0.0078	0.0161	ND	ND	0.0132	ND	ND	0.008	0.0083	0.0079	0.0082	0.0041	0.0066	0.0063	0.006	0.0179	0.006	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	160	161	1.28
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.598	1.9	ND
	Lead	0.0063	ND	0.0021	ND	ND	ND	ND	ND	ND	0.0021	ND	0.0031	ND	ND	ND	ND	ND	0.0085	24
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	19.4	18.1	3.47
	Manganese	2.322	2.517	2.196	2.03	20.38	2.248	1.9194	2.04	ND	2.376	NT	NT	NT	NT	NT	NT	2.63	1.31	ND
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.008
	Nickel	ND	0.0063	0.0049	0.0049	0.0056	0.0074	0.0048	0.0051	0.0056	0.008	0.0057	0.0066	0.0049	0.0061	0.0049	0.0079	0.0104	0.008	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.3	5.98	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.81	2.94	2.65
	Selenium	ND	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	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	19	20.3	20.3
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	413.6	423.9	ND
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.7	ND	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	368	364	552
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	230
Turbidity	7.6	3.8	26.3	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.09	21.1	1.16	
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.023	0.0198	0.0087	ND	0.0107	ND	0.0226	0.006		

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location OB102	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1140	960	1100	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	11.2	12.4	8.98	
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0052	0.0251	ND	ND	ND	ND	ND	ND	ND	0.0042	0.0061	0.0057	0.0196	0.0063	0.0061	ND	0.0065	ND	0.007
	Barium	0.2397	0.255	0.0633	0.0818	0.1215	0.2291	0.3498	0.3393	0.3277	0.3264	0.3338	0.7682	0.3156	0.3331	0.4215	0.385	0.374	0.342	
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.008	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.0022	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	0.0021	ND	ND	
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	116	113	114
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	560	128	577
	Chromium	0.0029	ND	ND	ND	ND	ND	0.0024	0.0043	0.0029	0.0026	0.0035	0.1373	0.0033	0.0088	ND	0.0105	0.0102	ND	
	Cobalt	0.0591	0.0737	0.0134	0.0947	0.0145	0.1029	0.0991	0.1041	0.0894	0.1094	0.0873	0.2586	0.0821	0.0876	0.085	0.0925	0.089	0.084	
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	262	250	252
	Copper	0.0702	0.2655	0.0236	ND	0.0228	0.0248	0.0384	0.211	0.0543	0.0437	0.0557	1.8022	0.0638	0.088	0.1301	0.136	0.0793	0.091	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	810	158	3.55
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.95	9.66	ND
	Lead	0.0036	ND	ND	ND	ND	0.0026	ND	0.0046	0.0022	ND	ND	0.0806	ND	0.0055	ND	0.0043	ND	94.3	
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	94.8	98.7	21.8
	Manganese	16.29	17.81	2.041	4.083	6.425	17.25	25.835	24.56	ND	NT	NT	NT	NT	NT	NT	NT	22.2	20.7	ND
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0006	ND	ND	ND	ND	ND	ND	0.101
	Nickel	0.0421	0.0781	0.0082	0.0052	0.023	0.0362	0.09	0.0767	0.0913	0.087	0.0942	0.2651	0.0908	0.0871	0.1029	0.118	0.0966	ND	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.26	5.95	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	37.2	41.7	37.8
	Selenium	0.0155	0.0661	0.0023	ND	0.0026	0.0071	0.0092	0.0093	0.0127	0.0185	0.0179	0.036	0.0186	0.0152	0.0167	0.0256	0.0134	0.026	
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	613	549	500
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3522	3493	57.4
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	71.9	71.5	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2120	2172	2252
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0087	ND	ND	ND	ND	ND	ND	900
Turbidity	66.5	3.8	6.9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	191	202	71.4	
Vanadium	0.0045	0.0098	ND	ND	ND	ND	ND	0.0047	ND	ND	0.003	0.1443	ND	0.0105	ND	0.0104	0.0124	ND		
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.021	1.254	0.0248	0.0424	0.0776	0.0464	0.0402	0.022	

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location OB105	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	810	1710	600	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.4	61.8	5.02	
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	NT	0.0184	ND	ND	0.005	ND	0.007	0.0023	0.0058	0.0027	0.0041	0.0057	0.0064	0.0044	ND	0.012	0.005	0.011	
	Barium	NT	0.1957	0.0954	0.1666	0.2607	0.1224	0.512	0.2067	0.2254	0.208	0.2161	0.166	0.256	0.1682	0.466	0.304	0.408	0.258	
	Beryllium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0026	ND	ND	
	Cadmium	NT	ND	ND	ND	ND	ND	ND	ND	0.0079	0.0125	NT	NT	NT	NT	NT	0.0047	ND	ND	
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	156	124	165	
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	328	265	334	
	Chromium	NT	0.0068	0.0042	0.0025	0.0028	0.0026	0.0051	0.0027	0.0028	0.0024	ND	0.0057	0.0044	ND	ND	0.0717	0.0075	0.081	
	Cobalt	NT	0.0095	0.0064	0.0051	0.0173	0.0045	0.0146	0.007	0.0077	0.0054	0.0073	0.0116	0.012	0.0077	0.0108	0.101	0.0129	0.196	
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	173	258	207	
	Copper	NT	0.0177	0.019	0.0416	ND	0.013	0.0156	0.0654	0.0148	0.0103	0.0094	0.0217	0.0184	0.012	0.0134	0.112	0.0218	0.173	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	900	870	110	
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	85.3	31.2	0.033	
	Lead	NT	0.0039	0.0054	ND	0.0024	ND	ND	0.0033	0.0033	ND	ND	0.0033	0.0021	ND	ND	0.0268	ND	132	
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	129	152	3.76	
	Manganese	NT	2.301	0.8784	1.85	2.046	1.112	2.1005	2.237	ND	1.481	NT	NT	NT	NT	NT	3.58	1.97	0.003	
	Mercury	NT	ND	ND	ND	ND	ND	0.0108	ND	ND	ND	0.0004	ND	ND	ND	ND	0.0038	ND	0.228	
	Nickel	NT	0.0185	0.014	0.0092	0.0137	0.0088	0.0145	0.0141	0.0111	0.0103	0.0091	0.02	0.0142	0.0143	0.0116	0.174	0.0164	ND	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.81	6.33	ND	
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	35.7	136	19.3	
	Selenium	NT	0.0462	0.0026	0.0051	0.0049	0.0036	0.007	0.0044	0.0135	0.004	0.0087	0.012	0.0119	0.01	0.013	0.0193	0.0091	0.021	
	Silver	NT	0.0262	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	286	468	174	
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3384	3886	309	
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	346	105	ND	
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1736	2400	1876	
	Thallium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	950	
Turbidity	NT	24.3	31.4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1215	338	3430		
Vanadium	NT	ND	0.0071	0.0034	0.0038	0.0032	0.006	0.0037	0.0023	ND	ND	0.0077	0.0042	ND	ND	0.0789	0.0096	0.136		
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0175	0.0799	0.1131	0.0352	0.0501	0.556	0.031	0.765		

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location OB11	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	201	165	200	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	Antimony	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	0.0055	ND	ND	ND	ND	0.0021	ND	0.0024	ND	ND	ND	ND	ND
	Barium	0.0209	0.0435	0.0266	0.0334	0.2086	0.0803	0.1537	0.0559	0.0535	0.0229	0.0258	0.032	0.0267	0.0331	0.0286	0.0272	0.0515	0.026	
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.0074	ND	0.0054	0.0051	0.0034	0.0081	0.0036	0.0023	0.0056	0.0099	NT	NT	NT	NT	NT	0.0088	0.0058	0.009	
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	126	108	133
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	330	393	358
	Chromium	ND	ND	ND	ND	ND	0.0023	ND	ND	ND	0.0027	ND	0.0037	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	0.0027	ND	0.0025	0.0613	0.0027	0.0452	ND	ND	ND	ND	0.0036	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	27.5	28.2	29
	Copper	0.009	0.0122	0.0213	ND	ND	0.0135	0.0164	0.0112	0.009	0.0091	0.0083	0.0069	0.0063	0.0062	ND	0.0083	0.0072	0.011	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	550	510	1.22
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.454	0.84	ND
	Lead	0.0022	ND	ND	ND	ND	0.0074	0.0028	0.0026	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	67.9
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	60.1	59.1	0.884
	Manganese	0.3165	2.254	0.2674	0.5659	ND	0.7036	5.365	0.6313	0.5976	0.8841	NT	NT	NT	NT	NT	0.862	0.7	0.003	
	Mercury	ND	ND	ND	ND	ND	0.0005	0.0004	0.0008	0.0019	0.003	0.0031	0.0007	0.0022	0.0005	0.0019	0.0022	0.00191	0.038	
	Nickel	0.0114	0.0065	0.0129	0.0137	0.0354	0.0167	0.0382	0.0176	0.0178	0.0292	0.0279	0.0276	0.0249	0.0207	0.0275	0.0361	0.0216	ND	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.69	5.03	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.56	8.25	4.9
	Selenium	ND	0.0028	ND	ND	ND	ND	0.0034	ND	ND	ND	0.0036	0.0043	0.0029	ND	ND	0.0049	ND	0.008	
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	56.7	59.9	68.8
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1339	1340	9.53
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.96	8.47	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1208	1152	1416
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	600	
Turbidity	3.66	2.5	1.6	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	1.16	3.65	5.75	
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0389	0.04	0.0427	0.038	0.0508	0.0508	0.0432	0.0309	0.043		

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location OB11A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	270	282	280	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.222	0.817	1.7	
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0032	ND	ND	ND	ND	0.0087	ND	0.0027	ND	ND	ND	ND	0.0072	0.0031	ND	ND	ND	ND	ND
	Barium	0.1753	0.0092	0.2364	0.1753	0.0733	0.2284	0.0603	0.1653	0.1678	0.1785	0.1767	0.1365	0.1441	0.1335	0.1616	0.151	0.174	0.182	
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.0058	ND	0.0048	ND	0.0061	0.01	0.0076	0.0051	0.005	ND	NT	NT	NT	NT	NT	0.0025	0.0101	ND	
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	99	92.5	89.8
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	310	262	290
	Chromium	ND	0.0026	ND	ND	ND	0.0025	ND	ND	ND	ND	ND	ND	0.0024	ND	ND	0.0102	ND	ND	ND
	Cobalt	0.0341	0.0025	0.059	0.0524	ND	0.0614	0.0022	0.0437	0.0411	0.036	0.0664	0.0239	0.0361	0.0332	0.0204	0.036	0.0777	0.034	
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	30.8	32.3	30
	Copper	0.0071	0.0061	0.0246	ND	ND	0.0245	0.016	0.0232	0.0149	0.0076	0.0092	0.0108	0.0088	0.0109	0.0119	0.0103	0.0209	0.01	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	540	500	1.33
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.61	4.65	ND
	Lead	0.0037	0.0024	ND	ND	ND	0.0179	0.0026	0.003	0.0031	ND	ND	ND	0.0079	ND	ND	ND	ND	0.0059	67
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	69.2	64.2	6.38
	Manganese	6.386	1.182	5.866	5.688	0.5364	5.137	0.8988	5.408	6.8885	4.922	NT	NT	NT	NT	NT	NT	5.23	7.39	ND
	Mercury	ND	ND	0.0004	0.0003	0.0019	0.0011	0.0019	0.0003	ND	0.0003	0.0005	0.0014	0.0008	0.0005	0.0009	ND	0.00232	0.023	
	Nickel	0.0224	0.0055	0.0307	0.0323	0.0138	0.0437	0.0182	0.0343	0.0382	0.0236	0.0228	0.0306	0.0285	0.0269	0.0376	0.0299	0.0306	ND	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.01	5.28	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.71	7.17	6.81
	Selenium	ND	0.0042	ND	ND	ND	0.0048	ND	0.0022	0.0022	ND	0.0029	0.0067	0.0022	ND	ND	0.0048	ND	0.006	
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	107	97.5	101
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1444	1363	18.4
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.6	14.9	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1192	1032	1068
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	660
Turbidity	97.7	1.7	24.1	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	1.97	19.4	3.31	
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0193	0.0229	0.0219	0.025	0.0305	0.0305	0.0249	0.025	0.022		

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location OB12	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	110	100	108	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	Antimony	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	NT	0.0297	NT	NT	NT	NT	0.142	0.0989	0.0431	0.036	0.0565	0.0146	0.0228	ND	0.0298	0.0186	0.0211	0.015	
	Beryllium	NT	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	NT	ND	NT	NT	NT	NT	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	33.3	39	32.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	69.9	83.9	65.8
	Chromium	NT	0.003	NT	NT	NT	NT	0.0024	ND	ND	0.0104	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	NT	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	12.1	7.4
	Copper	NT	0.0075	NT	NT	NT	NT	0.0145	0.0215	0.0102	0.0151	0.0048	0.009	0.0055	0.007	ND	0.0061	0.0062	0.007	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	165	189	0.228
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.368	ND	ND
	Lead	NT	ND	NT	NT	NT	NT	ND	0.0032	0.0032	0.0046	ND	ND	ND	ND	ND	ND	ND	ND	19.8
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	19.7	23.4	0.107
	Manganese	NT	0.1163	NT	NT	NT	NT	1.03	0.6074	0.2305	0.1681	NT	NT	NT	NT	NT	NT	0.102	0.131	ND
	Mercury	NT	ND	NT	NT	NT	NT	0.0006	0.0004	0.0005	0.0011	ND	0.0015	0.0007	ND	ND	ND	0.0003	ND	0.01
	Nickel	NT	0.0041	NT	NT	NT	NT	0.0058	0.0069	0.0065	0.0156	0.0035	0.0062	0.0064	0.0066	ND	0.0089	0.0101	1.377	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.622	2.25	1.38
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.84	6.14	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3	3.04	2.32
	Selenium	NT	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	NT	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	24.5	27.8	25.4
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	481.7	511.8	7.13
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.14	14.9	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	308	400	408
	Thallium	NT	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	162
Turbidity	NT	3.3	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.49	5.15	0.328	
Vanadium	NT	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.013	0.0478	0.0222	0.0236	0.0125	ND	0.0134	0.008	

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location OB15	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	242	93	230	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.646	0.228	0.29	
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	0.031	ND	ND	ND	ND	0.0031	ND	ND	0.0366	ND	ND	ND	ND	ND	0.0069	ND	ND	
	Barium	0.0487	0.9	0.1019	0.0346	0.0999	0.1026	0.3716	0.0852	0.0991	0.3997	0.0364	0.2282	0.0856	0.1015	0.0881	0.119	0.0902	0.079	
	Beryllium	ND	0.009	ND	ND	ND	ND	0.0039	ND	ND	0.0088	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	ND	0.015	ND	ND	ND	ND	ND	ND	ND	0.0099	NT	NT	NT	NT	NT	0.0042	ND	ND	
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	29.5	20.3	18	
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.16	3.48	7.73	
	Chromium	0.0034	0.425	0.0047	ND	ND	ND	0.1041	ND	0.009	0.3214	ND	0.0521	ND	ND	ND	0.019	ND	ND	
	Cobalt	0.0061	0.293	0.0242	ND	0.0213	0.0217	0.0583	0.0219	0.0163	0.2322	ND	0.0599	0.0095	ND	0.0134	0.0273	0.0099	ND	
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	49.3	11.1	11.2	
	Copper	0.0133	0.773	0.0213	ND	ND	0.0113	0.0416	0.0153	0.0267	0.5593	0.0061	0.1171	0.0067	0.0059	ND	0.0475	0.0103	0.008	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	600	270	27.3	
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	54.9	16	ND	
	Lead	0.0031	0.299	0.006	ND	ND	0.0026	0.0242	ND	0.0088	0.1747	ND	0.0409	ND	ND	ND	0.017	ND	17.4	
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	23.2	24.5	3.87	
	Manganese	0.7007	7.311	5.642	0.068	3.5	ND	6.422	4.44	ND	9.2235	NT	NT	NT	NT	NT	5.73	4.5	ND	
	Mercury	ND	0.0006	ND	ND	ND	ND	ND	ND	ND	0.0003	ND	ND	ND	ND	ND	ND	ND	0.01	
	Nickel	ND	0.629	0.0234	0.0037	0.0288	0.0206	0.1422	0.0197	0.0259	0.4895	0.0086	0.112	0.0084	0.0072	0.0157	0.0473	0.0178	0.008	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.01	6.62	ND	
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.15	2.3	2.18	
	Selenium	ND	ND	ND	ND	ND	ND	0.0134	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Silver	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	35	14.5	53.3	
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	576.4	368.7	56.5	
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	78.6	78.1	ND	
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	328	252	324	
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0024	ND	0.0024	ND	ND	ND	ND	ND	165	
Turbidity	102	592	167	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	125	53.8	25.4		
Vanadium	ND	0.198	0.0029	ND	ND	ND	0.039	ND	0.0032	0.1477	ND	0.0282	ND	ND	ND	0.0052	ND	ND		
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0081	1.2155	0.022	0.021	0.0955	0.0955	0.698	0.0329	0.021		

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location OB25	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	423	416	472	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.57	0.771	3.69	
	Antimony	ND	ND	0.0256	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0041	0.0065	ND	ND	0.0034	ND	ND	0.004	ND	ND	ND	ND	ND	0.0024	ND	ND	0.0037	0.012	ND
	Barium	0.1423	0.1118	0.1133	0.0846	0.1361	0.08	0.0817	0.2081	0.0658	0.0794	0.0832	0.1065	0.1388	0.1179	0.1126	1.31	0.445	0.192	
	Beryllium	ND	ND	0.0046	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0137	0.0057	ND
	Cadmium	ND	ND	0.0065	ND	ND	ND	ND	0.0024	ND	ND	NT	NT	NT	NT	NT	NT	0.0174	0.0072	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	111	89.9	90.2
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	156	183	173
	Chromium	0.0182	0.006	ND	ND	0.0228	0.0035	ND	0.0652	ND	ND	ND	0.0046	0.0089	ND	ND	ND	0.105	0.141	0.019
	Cobalt	0.0102	0.0289	0.0311	0.0109	0.041	0.0104	0.0166	0.0865	0.0119	0.0157	0.0187	0.0229	0.0329	0.027	0.0241	0.418	0.272	0.053	
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1080	79.4	90
	Copper	0.0382	0.0214	0.0439	ND	0.0339	0.0153	0.0137	0.0774	0.0085	0.0075	0.0065	0.0083	0.0146	0.0065	ND	0.364	0.188	0.03	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	740	520	29.9
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	239	210	ND
	Lead	0.0401	0.0043	ND	ND	0.0086	ND	ND	0.026	0.0021	ND	ND	ND	ND	0.0026	ND	ND	0.148	0.0358	71.6
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	82.8	109	24.2
	Manganese	0.3974	20.94	11.46	7.731	1.9548	5.523	11.562	15.005	10.264	9.249	NT	NT	NT	NT	NT	NT	55.8	33.5	ND
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0003	ND	0.051
	Nickel	0.0215	0.0281	0.0366	0.0074	0.0446	0.0138	0.0109	0.0872	0.009	0.0097	0.0113	0.0161	0.0215	0.0128	0.0127	0.226	0.281	ND	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.6782	2.31	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.19	5.51	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	17.6	15.9	16.6
	Selenium	ND	0.006	ND	ND	0.0025	ND	ND	0.0053	ND	ND	ND	0.0023	ND	ND	ND	ND	0.0364	0.0172	0.006
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	84	76.6	88.9
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1301	1340	67
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	71.8	75.3	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	888	916	916
	Thallium	ND	ND	0.0054	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	750
Turbidity	966	225	94	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10100	3870	357	
Vanadium	0.0238	0.0127	ND	ND	0.0171	0.0022	ND	0.0629	ND	ND	ND	ND	0.0087	ND	ND	0.156	0.129	0.014		
Zinc	0.1868	0.0263	0.0243	0.0243	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.95	1.09	0.109	

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010
Monitoring Location ST15	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	80	115	79	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.239	ND	
	Antimony	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND
	Arsenic	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND
	Barium	NT	NT	NT	NT	0.0449	0.047	0.0451	0.0511	0.0468	0.0502	0.0481	0.0545	0.0454	NT	0.0786	0.0588	0.0596	0.068
	Beryllium	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND
	Cadmium	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	33.4	36.7	32.5
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	58.2	102	67.7
	Chromium	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0041	ND	ND	ND
	Cobalt	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0027	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	7.2	6.7
	Copper	NT	NT	NT	NT	0.0149	0.0104	0.0159	ND	0.0074	0.0055	0.0059	0.0076	0.005	NT	0.0139	0.0058	0.0085	0.008
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	160	180	0.701
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.372	0.814	ND
	Lead	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0032	ND	ND	15
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.7	17.6	0.19
	Manganese	NT	NT	NT	NT	0.2846	0.1448	0.1394	0.1185	0.1826	0.1261	NT	NT	NT	NT	NT	0.101	0.294	ND
	Mercury	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	0.008
	Nickel	NT	NT	NT	NT	0.0091	0.006	0.009	0.0047	0.0091	0.0043	0.0087	0.0069	0.0097	NT	0.0172	0.0083	0.0104	1.388
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.465	1.3279	1.4
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.39	7.19	0.012
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.59	3.08	2.58
	Selenium	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND
	Silver	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	24.5	59	24.8
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	386.7	538.8	25.5
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	20.7	15.6	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	280	368	404
	Thallium	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	160
Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.04	5.24	6.06	
Vanadium	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0027	ND	ND	ND	
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0246	0.0187	0.0296	NT	0.0536	0.0202	0.0243	0.017

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Metals and Other Water Quality Parameters - Long Term Summary

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location ST120	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	64	74	70	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	Antimony	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0475	NT	0.034	0.0318	0.0488	0.034	0.0321	0.0447	0.0705	0.0582	0.0288	0.0431	0.0433	0.0373	0.1051	0.0392	0.0544	0.048	
	Beryllium	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	25.7	34	31.6
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	197	93.2
	Chromium	0.0024	NT	ND	ND	ND	ND	ND	0.0021	0.0021	0.0026	0.0027	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	7	11.1
	Copper	0.009	NT	0.0167	ND	ND	0.0112	ND	0.0116	0.0105	0.0085	0.0104	0.0066	0.0094	0.0089	0.0152	0.0056	0.0105	0.007	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	340	150	0.705
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.525	1	ND
	Lead	ND	NT	ND	ND	ND	ND	ND	0.0031	0.0028	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	16.3
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.3	19.1	0.082
	Manganese	0.1685	NT	0.1527	0.0988	0.2052	0.0878	0.0937	0.2585	0.2074	0.2912	NT	NT	NT	NT	NT	NT	0.0634	0.238	ND
	Mercury	ND	NT	ND	ND	ND	ND	ND	0.0006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007
	Nickel	ND	NT	0.0076	0.0043	0.0089	0.0055	0.0072	0.008	0.0104	0.0082	0.0116	0.0077	0.0078	0.006	0.0113	0.0066	0.0155	0.792	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.029	1.2126	0.842
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.41	5.96	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.88	3	3.02
	Selenium	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	27.5	170	34
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	370.8	1116	13.5
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.6	17.2	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	244	720	376
	Thallium	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	180
Turbidity	3.74	NT	4.3	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.12	8.2	2.4	
Vanadium	ND	NT	ND	ND	ND	ND	ND	0.004	ND	0.0033	0.0028	ND	ND	ND	ND	ND	ND	ND	ND	
Zinc	ND	ND	0.0115	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.0124	ND	

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location ST65	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	70	235	88	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	
	Antimony	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
	Barium	0.0475	0.0293	0.0328	0.0327	0.0745	0.0376	0.0301	0.0351	0.0592	0.0472	0.1	0.0404	0.038	0.0314	0.0447	0.0912	0.0566	0.043	
	Beryllium	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	NT	NT	NT	NT	NT	ND	ND	ND	
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	18.1	40	34.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	51.7	85.7	98.4
	Chromium	0.0031	0.0026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	0.0074	ND	ND	ND	ND	ND	0.0134	ND	ND	ND	ND	ND	0.0137	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	34.8	34.7	7.7
	Copper	0.0104	0.0076	0.0157	ND	ND	0.0105	0.0134	0.0105	0.0137	0.0049	0.0063	0.0069	0.0075	0.0069	0.0058	0.008	0.0097	0.007	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	100	222	0.286
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.1	0.529	ND
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	0.0032	ND	ND	ND	ND	ND	ND	ND	0.0036	ND	18.4
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.6	30.7	0.018
	Manganese	0.1072	0.0291	0.0991	0.2133	0.5262	0.052	0.112	0.0871	0.2699	0.0559	NT	NT	NT	NT	NT	NT	2.37	0.0486	ND
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	ND	0.0026	0.0062	0.0041	0.0151	0.0037	0.0057	0.003	0.0083	0.0024	0.0058	0.0037	0.0058	ND	0.0028	0.008	0.0102	1.117	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.7773	1.12
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.7	6.31	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.92	14.3	4
	Selenium	ND	0.0044	ND	ND	0.0024	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	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	25.7	110	37
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	302.3	884.2	10.8
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.32	42.1	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	196	500	500
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	170	
Turbidity	1.88	0.2	4.5	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	90.3	5.03	0.696	
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0036	ND	ND	
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0185	0.0032	ND	ND	0.0058	0.0165	0.0053	ND	

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location ST70	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	109	106	115	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.497	ND	
	Antimony	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0344	NT	0.051	0.0484	0.0496	0.0506	0.0475	0.0885	0.0681	0.066	0.0509	0.0699	0.0508	0.0549	0.1404	0.0624	0.0596	0.063	
	Beryllium	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	38.2	37.9	42.8
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	85.8	68.8	97.6
	Chromium	0.0093		0.0031	0.0024	ND	ND	ND	0.0167	0.0202	0.013	0.0034	0.0194	0.0033	ND	0.0422	ND	ND	ND	
	Cobalt	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	14.1	10
	Copper	0.0179	NT	0.0195	ND	ND	0.0107	0.0162	0.0166	0.0109	0.0079	0.0072	0.0109	0.007	0.0076	0.0127	0.0067	0.009	0.008	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	170	150	0.357
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.421	0.98	ND
	Lead	0.0046	NT	ND	ND	ND	ND	ND	ND	0.0023	ND	ND	0.0039	ND	ND	0.0027	ND	ND	17.8	
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	16.3	15.9	0.147
	Manganese	0.1154	NT	0.2407	0.266	0.2892	0.1555	0.2356	0.1272	0.2724	0.1056	NT	NT	NT	NT	NT	NT	0.154	0.274	ND
	Mercury	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.008
	Nickel	0.0134	NT	0.007	0.0058	0.0059	0.0046	0.0075	0.0059	0.0086	0.0044	0.0074	0.007	0.0085	0.0052	0.0095	0.0086	0.0136	1.482	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.8591	1.124	1.57
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.54	6.61	0.088
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.3	4.4	6.84
	Selenium	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	34.2	69.8	40.1
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	520.6	625.1	25.2
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	20.8	18.4	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	352	392	524
	Thallium	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	170
Turbidity	46.3	NT	16.5	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.96	9.24	0.753	
Vanadium	0.0033	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0167	0.0187	0.016	ND	0.0342	ND	0.0166	0.007	

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location ST80	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	48	110	110	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.456	0.456	
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0854	NT	0.0282	0.0241	0.032	0.0252	0.0298	0.0436	0.0294	0.0265	0.0297	0.049	0.0305	0.0405	0.0513	0.0365	0.0532	0.053	
	Beryllium	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	16.2	37.9	37.9
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	32.6	92.3	92.3
	Chromium	0.0061	NT	ND	ND	ND	ND	0.0042	ND	ND	ND	0.0026	0.0021	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0071	NT	ND	ND	ND	ND	ND	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	12.5	12.5
	Copper	0.0126	NT	0.0172	ND	ND	0.0133	0.0116	0.0117	0.0125	0.0051	0.0072	0.007	0.0061	0.0056	0.0064	0.0056	0.0056	0.008	0.008
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	70	152	152
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.32	0.821	0.821
	Lead	0.008	NT	ND	ND	ND	ND	ND	0.0028	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.41	15.4	15.4
	Manganese	0.7204	NT	0.115	0.3743	0.1672	0.2107	0.1439	0.7916	0.0739	0.132	NT	NT	NT	NT	NT	NT	0.126	0.174	0.174
	Mercury	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0109	NT	0.0037	0.0025	0.0025	0.0022	0.0055	0.0053	0.0028	ND	0.0056	0.0043	0.0036	ND	0.0035	0.0042	0.0108	0.011	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.8957	1.1925	1.193
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.65	7.37	7.37
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.08	4.64	4.64
	Selenium	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	17.4	69	69
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	216.2	616.7	616.7
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.16	17.3	17.3
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	144	380	380
Thallium	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Turbidity	28.3	NT	51	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.85	7.23	7.23	
Vanadium	0.0148	NT	ND	ND	ND	ND	0.0045	0.003	ND	ND	0.0028	ND	ND	ND	ND	ND	ND	ND	ND	
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0091	0.0085	0.0066	ND	0.0078	ND	0.0119	0.012	

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Metals and Other Water Quality Parameters - Long Term Summary

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	
Monitoring Location ST80	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	48	110	44	
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.456	ND	
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0854	NT	0.0282	0.0241	0.032	0.0252	0.0298	0.0436	0.0294	0.0265	0.0297	0.049	0.0305	0.0405	0.0513	0.0365	0.0532	0.031	
	Beryllium	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	16.2	37.9	12.5
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	32.6	92.3	28.6
	Chromium	0.0061	NT	ND	ND	ND	ND	0.0042	ND	ND	ND	0.0026	0.0021	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0071	NT	ND	ND	ND	ND	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	12.5	17
	Copper	0.0126	NT	0.0172	ND	ND	0.0133	0.0116	0.0117	0.0125	0.0051	0.0072	0.007	0.0061	0.0056	0.0064	0.0056	0.008	0.007	
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	70	152	0.863
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.32	0.821	ND
	Lead	0.008	NT	ND	ND	ND	ND	ND	0.0028	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.23
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.41	15.4	0.155
	Manganese	0.7204	NT	0.115	0.3743	0.1672	0.2107	0.1439	0.7916	0.0739	0.132	NT	NT	NT	NT	NT	NT	0.126	0.174	ND
	Mercury	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0109	NT	0.0037	0.0025	0.0025	0.0022	0.0055	0.0053	0.0028	ND	0.0056	0.0043	0.0036	ND	0.0035	0.0042	0.0108	0.35	
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.8957	1.1925	0.374
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.65	7.37	0.024
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.08	4.64	2.68
	Selenium	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	17.4	69	14
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	216.2	616.7	5.53
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.16	17.3	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	144	380	168
	Thallium	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	68
	Turbidity	28.3	NT	51	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.85	7.23	7.86
	Vanadium	0.0148	NT	ND	ND	ND	ND	0.0045	0.003	ND	ND	0.0028	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0091	0.0085	0.0066	ND	0.0078	ND	0.0119	ND		

NT: Not Tested

NS: Not Sampled

ND: Not Detected

Note: MCL exceedances are indicated in Red

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010
Monitoring Location MW01	Alkalinity																		48
	Ammonia																		ND
	Antimony																		ND
	Arsenic																		ND
	Barium																		0.006
	Beryllium																		ND
	Cadmium																		ND
	Calcium																		6.83
	Chloride																		ND
	Chromium																		0.006
	Cobalt																		ND
	COD																		ND
	Copper																		0.009
	Hardness																		1.22
	Iron																		ND
	Lead																		3.72
	Magnesium																		0.038
	Manganese																		ND
	Mercury																		0.006
	Nickel																		ND
	Nitrate																		ND
	pH																		ND
	Potassium																		1.25
	Selenium																		ND
	Silver																		ND
	Sodium																		10.2
	Spec. Cond.																		ND
	Sulfate																		ND
	TDS																		440
	Thallium																		30
Turbidity																		28.2	
Vanadium																		ND	
Zinc																		0.01	

NEW MONITORING WELL
 Sampling Started in Fall 2010

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NS: Not Sampled

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Note: MCL exceedances are indicated in Red

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010
Monitoring Location MW2A	Alkalinity																		30
	Ammonia																		ND
	Antimony																		ND
	Arsenic																		ND
	Barium																		0.016
	Beryllium																		ND
	Cadmium																		ND
	Calcium																		4.89
	Chloride																		ND
	Chromium																		0.008
	Cobalt																		ND
	COD																		ND
	Copper																		0.008
	Hardness																		1.38
	Iron																		ND
	Lead																		2.15
	Magnesium																		0.12
	Manganese																		ND
	Mercury																		0.01
	Nickel																		ND
	Nitrate																		ND
	pH																		ND
	Potassium																		1.94
	Selenium																		ND
	Silver																		ND
	Sodium																		7.15
	Spec. Cond.																		ND
	Sulfate																		ND
TDS																		465	
Thallium																		19	
Turbidity																		58.9	
Vanadium																		ND	
Zinc																		0.011	

NEW MONITORING WELL
Sampling started in Fall 2010

NT: Not Tested
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 Note: MCL exceedances are indicated in Red

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010
Monitoring Location MW2B	Alkalinity																		29
	Ammonia																		ND
	Antimony																		ND
	Arsenic																		ND
	Barium																		0.011
	Beryllium																		ND
	Cadmium																		ND
	Calcium																		4.92
	Chloride																		ND
	Chromium																		ND
	Cobalt																		ND
	COD																		ND
	Copper																		0.005
	Hardness																		ND
	Iron																		ND
	Lead																		1.94
	Magnesium																		0.087
	Manganese																		ND
	Mercury																		ND
	Nickel																		ND
	Nitrate																		ND
	pH																		ND
	Potassium																		1.36
	Selenium																		ND
	Silver																		ND
	Sodium																		6.99
	Spec. Cond.																		ND
	Sulfate																		ND
	TDS																		648
	Thallium																		18
Turbidity																		2.43	
Vanadium																		ND	
Zinc																		0.006	

**NEW MONITORING WELL
Sampling Started in Fall 2010**

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 NS: Not Sampled
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 Note: MCL exceedances are indicated in Red

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010
Monitoring Location MW3A	Alkalinity																		40
	Ammonia																		ND
	Antimony																		ND
	Arsenic																		ND
	Barium																		0.144
	Beryllium																		ND
	Cadmium																		ND
	Calcium																		6.89
	Chloride																		ND
	Chromium																		0.053
	Cobalt																		0.041
	COD																		ND
	Copper																		0.118
	Hardness																		61.7
	Iron																		0.026
	Lead																		20.9
	Magnesium																		1.08
	Manganese																		ND
	Mercury																		0.082
	Nickel																		ND
	Nitrate																		ND
	pH																		ND
	Potassium																		13
	Selenium																		ND
	Silver																		ND
	Sodium																		7.66
	Spec. Cond.																		ND
	Sulfate																		ND
TDS																		100	
Thallium																		130	
Turbidity																		1535	
Vanadium																		0.053	
Zinc																		0.227	

NEW MONITORING WELL
Sampling Started in Fall 2010

NT: Not Tested

NS: Not Sampled

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Note: MCL exceedances are indicated in Red

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010
Monitoring Location MW3B	Alkalinity																		160
	Ammonia																		ND
	Antimony																		ND
	Arsenic																		ND
	Barium																		0.094
	Beryllium																		ND
	Cadmium																		ND
	Calcium																		10.7
	Chloride																		ND
	Chromium																		0.025
	Cobalt																		ND
	COD																		ND
	Copper																		0.013
	Hardness																		1.33
	Iron																		ND
	Lead																		0.715
	Magnesium																		0.04
	Manganese																		ND
	Mercury																		0.027
	Nickel																		ND
	Nitrate																		ND
	pH																		ND
	Potassium																		26
	Selenium																		ND
	Silver																		ND
	Sodium																		56.7
	Spec. Cond.																		13.5
	Sulfate																		ND
TDS																		332	
Thallium																		100	
Turbidity																		42	
Vanadium																		0.005	
Zinc																		0.012	

NEW MONITORING WELL
 Sampling Started in Fall 2010

NT: Not Tested

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Note: MCL exceedances are indicated in Red

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010
Monitoring Location MW04	Alkalinity																		70
	Ammonia																		ND
	Antimony																		ND
	Arsenic																		ND
	Barium																		0.228
	Beryllium																		ND
	Cadmium																		ND
	Calcium																		34.4
	Chloride																		106
	Chromium																		0.026
	Cobalt																		0.026
	COD																		ND
	Copper																		0.037
	Hardness																		37.6
	Iron																		0.022
	Lead																		30.9
	Magnesium																		2.87
	Manganese																		ND
	Mercury																		0.076
	Nickel																		0.376
	Nitrate																		0.389
	pH																		0.013
	Potassium																		12.2
	Selenium																		ND
	Silver																		ND
	Sodium																		29.4
	Spec. Cond.																		ND
	Sulfate																		ND
	TDS																		552
	Thallium																		183
Turbidity																		880	
Vanadium																		0.021	
Zinc																		0.138	

NEW MONITORING WELL
Sampling Started in Fall 2010

NT: Not Tested

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010
Monitoring Location MW06	Alkalinity																		260
	Ammonia																		ND
	Antimony																		ND
	Arsenic																		ND
	Barium																		0.675
	Beryllium																		0.007
	Cadmium																		0.008
	Calcium																		62.6
	Chloride																		222
	Chromium																		0.053
	Cobalt																		0.33
	COD																		ND
	Copper																		0.143
	Hardness																		69.4
	Iron																		0.052
	Lead																		57.9
	Magnesium																		38.9
	Manganese																		ND
	Mercury																		0.154
	Nickel																		0.076
	Nitrate																		0.106
	pH																		0.03
	Potassium																		4.92
	Selenium																		0.043
	Silver																		ND
	Sodium																		56.2
	Spec. Cond.																		54.1
	Sulfate																		ND
TDS																		1080	
Thallium																		430	
Turbidity																		5300	
Vanadium																		0.053	
Zinc																		0.5	

NEW MONITORING WELL
Sampling Started in Fall 2010

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 Note: MCL exceedances are indicated in Red

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010
Monitoring Location MW07	Alkalinity																		90
	Ammonia																		ND
	Antimony																		ND
	Arsenic																		ND
	Barium																		0.067
	Beryllium																		ND
	Cadmium																		ND
	Calcium																		46.7
	Chloride																		131
	Chromium																		ND
	Cobalt																		0.007
	COD																		12.6
	Copper																		0.016
	Hardness																		0.69
	Iron																		ND
	Lead																		23.2
	Magnesium																		2.01
	Manganese																		ND
	Mercury																		0.016
	Nickel																		10.35
	Nitrate																		10.4
	pH																		ND
	Potassium																		3.16
	Selenium																		ND
	Silver																		ND
	Sodium																		33.4
	Spec. Cond.																		13.1
	Sulfate																		ND
	TDS																		648
	Thallium																		650
Turbidity																		11.1	
Vanadium																		ND	
Zinc																		0.025	

NEW MONITORING WELL
Sampling Started in Fall 2010

NT: Not Tested

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ND: Not Detected

Note: MCL exceedances are indicated in Red

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010
Monitoring Location MW08	Alkalinity																		190
	Ammonia																		0.726
	Antimony																		ND
	Arsenic																		ND
	Barium																		0.273
	Beryllium																		ND
	Cadmium																		ND
	Calcium																		59
	Chloride																		190
	Chromium																		0.022
	Cobalt																		0.082
	COD																		ND
	Copper																		0.054
	Hardness																		15.1
	Iron																		0.01
	Lead																		36.9
	Magnesium																		3.46
	Manganese																		ND
	Mercury																		0.053
	Nickel																		7.63
	Nitrate																		7.68
	pH																		ND
	Potassium																		10.4
	Selenium																		ND
	Silver																		ND
	Sodium																		104
	Spec. Cond.																		55
	Sulfate																		ND
TDS																		696	
Thallium																		270	
Turbidity																		1227	
Vanadium																		0.037	
Zinc																		0.16	

**NEW MONITORING WELL
Sampling Started in Fall 2010**

NT: Not Tested

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ND: Not Detected

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010
Monitoring Location MW09	Alkalinity																		64
	Ammonia																		ND
	Antimony																		ND
	Arsenic																		ND
	Barium																		0.334
	Beryllium																		ND
	Cadmium																		ND
	Calcium																		15.8
	Chloride																		11.9
	Chromium																		0.059
	Cobalt																		0.034
	COD																		ND
	Copper																		0.034
	Hardness																		48.6
	Iron																		0.037
	Lead																		24.4
	Magnesium																		1.8
	Manganese																		ND
	Mercury																		0.055
	Nickel																		1.25
	Nitrate																		1.3
	pH																		ND
	Potassium																		17.8
	Selenium																		ND
	Silver																		ND
	Sodium																		7.23
	Spec. Cond.																		ND
	Sulfate																		ND
TDS																		168	
Thallium																		80	
Turbidity																		1160	
Vanadium																		0.054	
Zinc																		0.189	

NEW MONITORING WELL
Sampling Started in Fall 2010

NT: Not Tested

NS: Not Sampled

ND: Not Detected

Note: MCL exceedances are indicated in Red

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010
Monitoring Location MW10	Alkalinity																		100
	Ammonia																		ND
	Antimony																		ND
	Arsenic																		ND
	Barium																		1.49
	Beryllium																		ND
	Cadmium																		ND
	Calcium																		29.1
	Chloride																		6.75
	Chromium																		0.125
	Cobalt																		0.066
	COD																		ND
	Copper																		0.197
	Hardness																		201
	Iron																		0.061
	Lead																		78.3
	Magnesium																		3.59
	Manganese																		ND
	Mercury																		0.111
	Nickel																		ND
	Nitrate																		ND
	pH																		ND
	Potassium																		43.5
	Selenium																		0.009
	Silver																		ND
	Sodium																		12.4
	Spec. Cond.																		7.56
	Sulfate																		ND
TDS																		148	
Thallium																		110	
Turbidity																		4340	
Vanadium																		0.189	
Zinc																		0.337	

NEW MONITORING WELL
Sampling Started in Fall 2010

NT: Not Tested

NS: Not Sampled

ND: Not Detected

Note: MCL exceedances are indicated in Red

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010
Monitoring Location MW11A	Alkalinity																		50
	Ammonia																		ND
	Antimony																		ND
	Arsenic																		ND
	Barium																		0.749
	Beryllium																		ND
	Cadmium																		ND
	Calcium																		23.4
	Chloride																		4.22
	Chromium																		0.144
	Cobalt																		0.07
	COD																		ND
	Copper																		0.083
	Hardness																		149
	Iron																		0.05
	Lead																		66.6
	Magnesium																		3.47
	Manganese																		ND
	Mercury																		0.145
	Nickel																		1.477
	Nitrate																		1.49
	pH																		0.013
	Potassium																		27.7
	Selenium																		0.006
	Silver																		ND
	Sodium																		8.49
	Spec. Cond.																		7.07
	Sulfate																		ND
	TDS																		108
	Thallium																		90
Turbidity																		4880	
Vanadium																		0.124	
Zinc																		0.334	

NEW MONITORING WELL
Sampling Started in Fall 2010

NT: Not Tested

NS: Not Sampled

ND: Not Detected

Note: MCL exceedances are indicated in Red

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010
Monitoring Location MW11B	Alkalinity																		100
	Ammonia																		ND
	Antimony																		ND
	Arsenic																		ND
	Barium																		0.074
	Beryllium																		ND
	Cadmium																		ND
	Calcium																		34.4
	Chloride																		4.18
	Chromium																		0.008
	Cobalt																		0.005
	COD																		ND
	Copper																		0.013
	Hardness																		6.97
	Iron																		ND
	Lead																		8.36
	Magnesium																		0.167
	Manganese																		ND
	Mercury																		0.009
	Nickel																		2.307
	Nitrate																		2.31
	pH																		ND
	Potassium																		2.5
	Selenium																		ND
	Silver																		ND
	Sodium																		12.6
	Spec. Cond.																		ND
	Sulfate																		ND
	TDS																		156
	Thallium																		94
Turbidity																		72.4	
Vanadium																		0.023	
Zinc																		0.021	

NEW MONITORING WELL
Sampling Started in Fall 2010

NT: Not Tested

NS: Not Sampled

ND: Not Detected

Note: MCL exceedances are indicated in Red

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010
Monitoring Location MW12	Alkalinity																		15
	Ammonia																		ND
	Antimony																		ND
	Arsenic																		ND
	Barium																		1.32
	Beryllium																		ND
	Cadmium																		ND
	Calcium																		82
	Chloride																		374
	Chromium																		0.1
	Cobalt																		0.049
	COD																		ND
	Copper																		0.109
	Hardness																		100
	Iron																		0.062
	Lead																		69.5
	Magnesium																		3.02
	Manganese																		ND
	Mercury																		0.094
	Nickel																		5.019
	Nitrate																		5.03
	pH																		0.011
	Potassium																		23.1
	Selenium																		0.006
	Silver																		ND
	Sodium																		81.5
	Spec. Cond.																		14.7
	Sulfate																		ND
TDS																		1520	
Thallium																		360	
Turbidity																		3920	
Vanadium																		0.085	
Zinc																		0.269	

NEW MONITORING WELL
Sampling Started in Fall 2010

NT: Not Tested

NS: Not Sampled

ND: Not Detected

Note: MCL exceedances are indicated in Red

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010
Monitoring Location MW13A	Alkalinity																		50
	Ammonia																		ND
	Antimony																		ND
	Arsenic																		ND
	Barium																		0.332
	Beryllium																		ND
	Cadmium																		ND
	Calcium																		26.5
	Chloride																		84.3
	Chromium																		0.024
	Cobalt																		0.029
	COD																		34.6
	Copper																		0.071
	Hardness																		28.3
	Iron																		0.011
	Lead																		23.5
	Magnesium																		0.876
	Manganese																		3E-04
	Mercury																		0.035
	Nickel																		2.48
	Nitrate																		2.53
	pH																		ND
	Potassium																		8.65
	Selenium																		ND
	Silver																		ND
	Sodium																		17.6
	Spec. Cond.																		ND
	Sulfate																		ND
	TDS																		380
	Thallium																		160
Turbidity																		1048	
Vanadium																		0.063	
Zinc																		0.09	

**NEW MONITORING WELL
Sampling started in Fall 2010**

NT: Not Tested

NS: Not Sampled

ND: Not Detected

Note: MCL exceedances are indicated in Red

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

Monitoring Location	Parameter	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010
Monitoring Location MW13B	Alkalinity																		230
	Ammonia																		ND
	Antimony																		ND
	Arsenic																		ND
	Barium																		0.068
	Beryllium																		ND
	Cadmium																		ND
	Calcium																		82.7
	Chloride																		84.6
	Chromium																		ND
	Cobalt																		ND
	COD																		6.2
	Copper																		0.006
	Hardness																		0.571
	Iron																		ND
	Lead																		27.6
	Magnesium																		0.031
	Manganese																		2E-04
	Mercury																		ND
	Nickel																		1.467
	Nitrate																		1.47
	pH																		ND
	Potassium																		3.3
	Selenium																		ND
	Silver																		ND
	Sodium																		19.9
	Spec. Cond.																		6.18
	Sulfate																		ND
TDS																		540	
Thallium																		360	
Turbidity																		0.232	
Vanadium																		ND	
Zinc																		ND	

NEW MONITORING WELL
Sampling Started in Fall 2010

NT: Not Tested

NS: Not Sampled

ND: Not Detected

Note: MCL exceedances are indicated in Red

Appendix E

Table of Groundwater Elevations and Groundwater Elevation Contour Map

Results in (ft. AMSL)

TABLE 5 - Water Table Elevations Gude Landfill

STATION ID	Well Elevation (ft)	Spring 09 Water Elevation (ft)	Fall 09 Water Elevation (ft)	Spring 10 Water Elevation	Fall 10 Water Elevation (ft)	Elevation Change (ft)
OB01	415.90	399.6	399.8	404.8	399.65	-5.1
OB02	418.48	400.8	400.98	405.88	400.98	-4.9
OB02A	418.61	401.1	400.81	407.46	401.01	-6.5
OB03	409.86	383.4	383.31	392.46	385.66	-6.8
OB03A	410.06	383.9	384.36	392.46	385.66	-6.8
OB04	364.21	359.4	358.51	360.71	358.71	-2.0
OB04A	365.37	359.8	359.27	361.17	359.37	-1.8
OB06	339.78	329.4	328.28	332.93	329.08	-3.8
OB07	329.49	321.0	319.19	324.89	320.39	-4.5
OB7A	328.44	319.6	318.64	323.94	319.84	-4.1
OB08	325.11	318.3	317.31	320.91	318.01	-2.9
OB08A	325.31	317.8	316.91	319.21	317.61	-1.6
OB10	325.77	319.4	318.52	319.97	318.27	-1.7
OB102	363.17	349.9	349.67	353.17	349.97	-3.2
OB105	363.45	360.1	359.65	361.15	359.85	-1.3
OB11	362.56	354.1	352.86	355.96	353.26	-2.7
OB11A	361.90	353.8	352.8	355.9	352.70	-3.2
OB12	405.01	387.4	386.21	390.71	386.81	-3.9
OB015	410.01	388.4	387.31	392.71	387.01	-5.7
OB025	361.89	353.6	352.69	355.69	352.79	-2.9
MW01	434.00				388.10	
MW2A	445.53				381.53	
MW2B	444.45				381.55	
MW3A	324.54				314.39	
MW3B	324.73				316.13	
MW04	324.75				317.90	
MW06	417.29				400.59	
MW07	433.81				389.51	
MW08	412.66				388.86	
MW09	417.69				398.19	
MW10	394.03				385.13	
MW11A	393.45				375.85	
MW11B	393.40				374.95	
MW12	397.55				382.20	
MW13A	373.37				365.97	
MW13B	373.35				366.95	
AVERAGE WATER ELEVATION CHANGE (ft)						-3.8

NOTES:

- Elevations are from Sea Level
- Groundwater elevations for the newly installed monitoring wells designated by the prefix "MW" are included in this Table for the first time.

General Groundwater Flow Direction at Gude Landfall FALL 2010

