DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF SOLID WASTE SERVICES

Isiah Leggett
County Executive

Robert Hoyt
Director

June 16, 2011

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

Dear Mrs. Hynson:

Please find enclosed the results of the latest water quality monitoring performed at the Gude Landfill for the Spring 2011. 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 October 2010 to April 2011. 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 in coordination with 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 has been forwarded to your office with prior reports.

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

VOLATILE ORGANIC COMPOUNDS:

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

refer to Table 1 of the report for all the VOC results.

- No VOCs were detected above recommended Maximum Contaminant Level (MCL) in the following monitoring wells and stream locations:
  - **Preexisting monitoring wells:** OB01, OB02, OB02A, OB03A, OB04A, OB06, OB07, OB07A, OB08, OB08A, OB10, OB102, OB105, OB15, and OB25.
  - **Newly installed monitoring wells:** MW1B, MW2A, MW2B, MW3A, MW3B, MW04, MW06, MW07, MW08, MW09, MW10, MW11A, MW11B, MW12, and MW12B.
  - **Stream Locations:** No VOCs were detected above the recommended MCL in any of the monitored stream locations.
- A total of 28 VOCs exceeded the recommended MCL in the following monitoring wells:
  - **Preexisting monitoring wells:** OB03 (2 exceedances), OB04A (3 exceedances), OB11 (7 exceedances) OB11A (5 exceedances), and OB12 (3 exceedances).
  - **Newly installed monitoring wells:** MW04 (1 exceedance), MW07 (1 exceedance), and MW13A (6 exceedances).
- The majority of the MCL exceedances were detected at observation wells OB11/OB11A (with 12 exceedances) and MW13A (with 5 exceedances). Observation wells OB11/OB11A are located on the South section of the Landfill while MW13A is located on the North side.
- 1,1-Dichloroethene concentration exceeded the MCL of 7 ug/l in observation well OB11. Concentration exceeding the MCL for this compound was 25 ug/l.
- 1,2-Dibromoethane concentration exceeded the MCL of 0.05 ug/l in observation well OB11A. Concentration exceeding the MCL for this compound was 1.8 ug/l.
- Benzene concentration exceeded the MCL of 5 ug/l in observation well OB11. Concentration exceeding the MCL for this compound was 5.2 ug/l.
- 1,2-Dichloropropane concentration exceeded the MCL of 5 ug/l in observation wells OB11 and MW13A. Concentrations exceeding the MCL for this compound were 5.1 ug/l in OB11 and 6.6 ug/l in MW13A.
- Dichloromethane concentration exceeded the MCL of 5 ug/l in observation wells OB04A, OB11, OB12, and MW13A. Concentrations exceeding the MCL for this compound ranged from 7.7 ug/l in OB04A to 16 ug/l in OB11.
- cis-1,2-Dichloroethene concentration exceeded the MCL of 70 ug/l in observation wells OB11A and MW13A. Concentrations exceeding the MCL for this compound were 76 ug/l in OB11A and 96 ug/l in MW13A.
- Tetrachloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB04A, OB11/OB11A, OB12, and MW13A. Concentrations exceeding the MCL for this compound ranged from 12 ug/l in OB12 to 26 ug/l in OB11.
- Trichloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB04, OB07, OB11/OB11A, OB12, and MW13A. Concentrations exceeding the MCL for this compound ranged from 5.6 ug/l at OB04 to 28 ug/l at OB11.
- Vinyl Chloride concentration exceeded the MCL of 2 ug/l in observation wells OB01, OB03, OB11/OB11A, MW13A. Concentrations exceeding the MCL for this compound ranged from 11 ug/l in OB11 to 14 ug/l in OB13A.

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

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

Sincerely,

David Lake, Manager
Water and Wastewater Policy Group

cc: Robert Hoyt, Director,
Department of Environmental Protection

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

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 10 metals and other non-organic contaminants exceeded the recommended MCL in the following monitoring locations:
  - **Preexisting monitoring wells:** OB06 (2 exceedances) and OB11/OB11A (4 exceedances).
  - **Newly installed monitoring wells**: MW3B (1 exceedance), MW07 (1 exceedance), MW08 (1 exceedance), and MW11 (1 exceedance).
  - **Stream Locations**: No metal contaminants or other non-organic contaminants were detected above the recommended MCL in any of the monitored stream locations.
- Beryllium with a recommended MCL of 0.004 mg/l was exceeded in samples collected from OB11A with a concentration of 0.0102 mg/l.
- Cadmium with a recommended MCL of 0.005 mg/l was exceeded in samples collected from OB11 with a concentration of 0.01 mg/l and in OB11A with a concentration of 0.0059 mg/l.
- Mercury with a recommended MCL of 0.002 mg/l was exceeded in a sample collected from observation wells OB06 with a concentration of 0.00852 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 0.0474 mg/l, in OB11A with a concentration of 0.0723 mg/l, in MW11A with a concentration of 0.0156 mg/l, and in MW3B with a concentration of 0.041 mg/l. *(Note: The applied MCL for lead is different from other MCLs used in this report. The MCL for lead has been established for public drinking water systems and requires water samples to be collected from the tap. The regulations also require that no more than 10% of customer samples taken at the tap exceed the EPA Action Level of 0.015 mg/l. An action level exceedance is not a violation of water quality standards, but rather a trigger for further utility action. The MCL of 0.015 mg/l used in this report is only for comparative purposes.)*
- Nitrate with a recommended MCL of 10 mg/l was exceeded in a samples collected from observation well MW07 with a concentration of 14.95 mg/l and at MW08 with a concentration of 13.85 mg/l.
- As part of a recent study (Nature and Extend Study) under the directive of MDE, the County collected filtered and unfiltered groundwater samples during this semi-annual monitoring event. The purpose of filtering samples was to evaluate turbidity and its potential interferences to metals analysis. The metals analysis conducted on filtered and unfiltered samples indicate significant reductions in concentrations for most of metals in filtered samples. For filtered samples, except for Cadmium that exceeded the MCL of 0.005 mg/l (at 0.0106 mg/l), no other metal concentrations was detected above the MCl. A total of 8 metals contaminants were detected above the recommended MCL in unfiltered samples. Please refer to Table-A, Appendix D (Table of Metals) of this report for additional information on filtered and unfiltered sampling results for metals.

WATER QUALITY MONITORING REPORT

for

GUDE LANDFILL

Montgomery County, Maryland

SPRING 2011

Prepared by Montgomery County Department of Environmental Protection

Prepared for Maryland Department of Environment, Solid Waste Program

June 20, 2011

TABLE OF CONTENTS

Introduction:

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

Since 1984, to monitor the quality of ground and surface water, the Montgomery County Department of Environmental Protection (DEP) has been collecting samples at a total of 25 monitoring sites, which include 20 observation wells and 5 stream locations. Beginning in fall 2010, as part of a Nature and Extent Study, sixteen (16) additional monitoring wells have been installed at the site. The purpose of the Nature and Extent Study, directed by MDE and managed by Montgomery County, is to assess and investigate the nature and extent of environmental impacts in the vicinity of and potentially resulting from the Gude Landfill. Locations of these monitoring sites can be found on the attached aerial photo titled Groundwater and Surface Water Monitoring Locations in Appendix A. Sampling and analysis are conducted semi-annually and include laboratory analysis for Volatile Organic Compounds (VOCs), Heavy Metals, field parameters (temperature, pH, conductivity) and other water quality parameters and indicators.

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

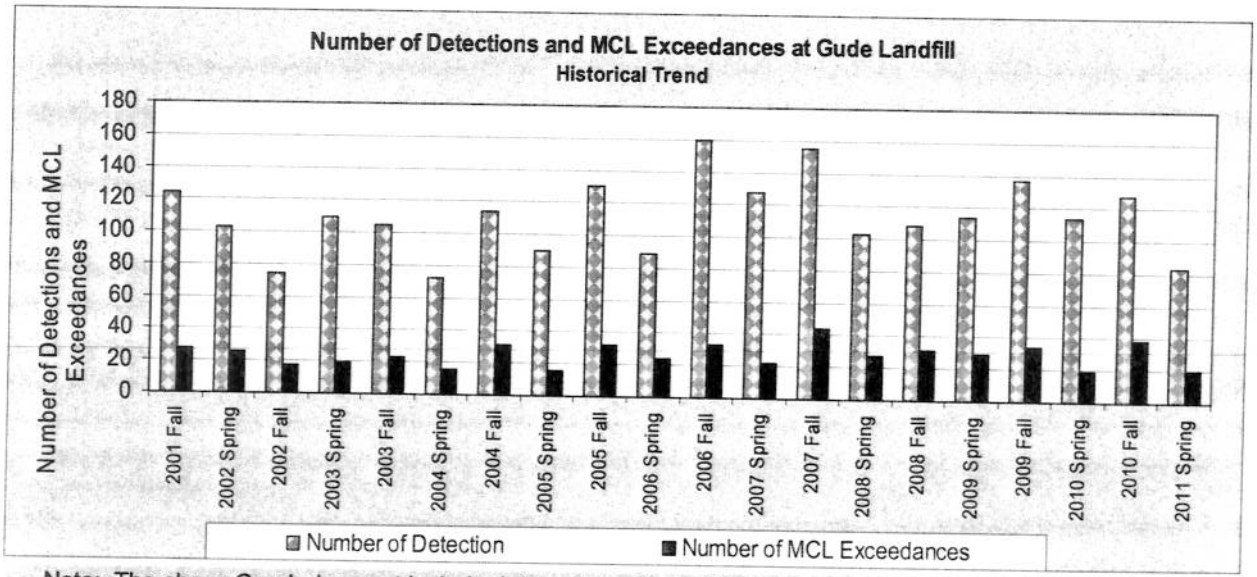
- VOC sampling results;
- Metals sampling results;
- Groundwater elevation and flow;
- Trends Analysis/Conclusions

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

1. Volatile Organic Chemical Sampling Results:

- No VOCs were detected above recommended Maximum Contaminant Level (MCL) in the following monitoring wells and stream locations:
  - **Preexisting monitoring wells:** OB01, OB02, OB02A, OB03A, OB04A, OB06, OB07, OB07A, OB08, OB08A, OB10, OB102, OB105, OB15, and OB25.
  - **Newly installed monitoring wells:** MW1B, MW2A, MW2B, MW3A, MW3B, MW04, MW06, MW07, MW08, MW09, MW10, MW11A, MW11B, MW12, and MW12B.
  - **Stream Locations:** No VOCs were detected above the recommended MCL in any of the monitored stream locations.
- A total of 28 VOCs exceeded the recommended MCL in the following monitoring wells:
  - **Preexisting monitoring wells:** OB03 (2 exceedances), OB04A (3 exceedances), OB11 (7 exceedances) OB11A (5 exceedances), and OB12 (3 exceedances).
  - **Newly installed monitoring wells:** MW04 (1 exceedance), MW07 (1 exceedance), and MW13A (6 exceedances).
- The majority of the MCL exceedances were detected at observation wells OB11/OB11A (with 12 exceedances) and MW13A (with 5 exceedances). Observation wells OB11/OB11A are located on the South section of the Landfill while MW13A is located on the North side.

- 1,1-Dichloroethene concentration exceeded the MCL of 7 ug/l in observation well OB11. Concentration exceeding the MCL for this compound was 25 ug/l.
- 1,2-Dibromoethane concentration exceeded the MCL of 0.05 ug/l in observation well OB11A. Concentration exceeding the MCL for this compound was 1.8 ug/l.
- Benzene concentration exceeded the MCL of 5 ug/l in observation well OB11. Concentration exceeding the MCL for this compound was 5.2 ug/l.
- 1,2-Dichloropropane concentration exceeded the MCL of 5 ug/l in observation wells OB11 and MW13A. Concentrations exceeding the MCL for this compound were 5.1 ug/l in OB11 and 6.6 ug/l in MW13A.
- Dichloromethane concentration exceeded the MCL of 5 ug/l in observation wells OB04A, OB11, OB12, and MW13A. Concentrations exceeding the MCL for this compound ranged from 7.7 ug/l in OB04A to 16 ug/l in OB11.
- cis-1,2-Dichloroethene concentration exceeded the MCL of 70 ug/l in observation wells OB11A and MW13A. Concentrations exceeding the MCL for this compound were 76 ug/l in OB11A and 96 ug/l in MW13A.
- Tetrachloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB04A, OB11/OB11A, OB12, and MW13A. Concentrations exceeding the MCL for this compound ranged from 12 ug/l in OB12 to 26 ug/l in OB11.
- Trichloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB04, OB07, OB11/OB11A, OB12, and MW13A. Concentrations exceeding the MCL for this compound ranged from 5.6 ug/l at OB04 to 28 ug/l at OB11.
- Vinyl Chloride concentration exceeded the MCL of 2 ug/l in observation wells OB01, OB03, OB11/OB11A, MW13A. Concentrations exceeding the MCL for this compound ranged from 11 ug/l in OB11 to 14 ug/l in OB13A.



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

2. Inorganic and Metals Sampling Results:

As part of a recent study (Nature and Extend Study) under the directive of MDE, the County collected filtered and unfiltered groundwater samples during this semi-annual monitoring event. The purpose of filtering samples was to evaluate turbidity and its potential interferences to metals analysis. The metals analysis conducted on filtered and unfiltered samples indicate significant

reductions in concentrations for most of metals in filtered samples. For filtered samples, except for Cadmium that exceeded the MCL of 0.005 mg/l (at 0.0106 mg/l), no other metal concentrations was detected above the MCl. A total of 8 metals contaminants were detected above the recommended MCL in unfiltered samples. Please refer to Table-A, Appendix D (Table of Metals) of this report for additional information on filtered and unfiltered sampling results for metals. It should be noted that for the purpose of reporting and consistency in conducting comparative analysis, only the results from the unfiltered samples (the usual approach) have been included for the analysis in this report.

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

- A total of 10 metals and other non-organic contaminants exceeded the recommended MCL in the following monitoring locations:
  - **Preexisting monitoring wells:** OB06 (2 exceedances) and OB11/OB11A (4 exceedances).
  - **Newly installed monitoring wells**: MW3B (1 exceedance), MW07 (1 exceedance), MW08 (1 exceedance), and MW11 (1 exceedance).
  - **Stream Locations**: No metal contaminants or other non-organic contaminants were detected above the recommended MCL in any of the monitored stream locations.
- Beryllium with a recommended MCL of 0.004 mg/l was exceeded in samples collected from OB11A with a concentration of 0.0102 mg/l.
- Cadmium with a recommended MCL of 0.005 mg/l was exceeded in samples collected from OB11 with a concentration of 0.01 mg/l and in OB11A with a concentration of 0.0059 mg/l.
- Mercury with a recommended MCL of 0.002 mg/l was exceeded in a sample collected from observation wells OB06 with a concentration of 0.00852 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 0.0474 mg/l, in OB11A with a concentration of 0.0723 mg/l, in MW11A with a concentration of 0.0156 mg/l, and in MW3B with a concentration of 0.041 mg/l. *(Note: The applied MCL for lead is different from other MCLs used in this report. The MCL for lead has been established for public drinking water systems and requires water samples to be collected from the tap. The regulations also require that no more than 10% of customer samples taken at the tap exceed the EPA Action Level of 0.015 mg/l. An action level exceedance is not a violation of water quality standards, but rather a trigger for further utility action. The MCL of 0.015 mg/l used in this report is only for comparative purposes.)*
- Nitrate with a recommended MCL of 10 mg/l was exceeded in a samples collected from observation well MW07 with a concentration of 14.95 mg/l and at MW08 with a concentration of 13.85 mg/l.
- As part of a recent study (Nature and Extend Study) under the directive of MDE, the County collected filtered and unfiltered groundwater samples during this semi-annual monitoring event. The purpose of filtering samples was to evaluate turbidity and its potential interferences to metals analysis. The metals analysis conducted on filtered and unfiltered samples indicate significant reductions in concentrations for most of metals in filtered samples. For filtered samples, except for Cadmium that exceeded the MCL of 0.005 mg/l (at 0.0106 mg/l), no other metal concentrations was detected above the MCl. A total of 8 metals contaminants were detected above the recommended MCL in unfiltered samples. Please refer to Table-A, Appendix D (Table of Metals) of this report for additional information on filtered and unfiltered sampling results for metals.

Overall, the results indicate comparable concentrations for metals from the last reporting period.

Laboratory results for these metals are included in Appendix D, Tables 3 and 4 of this report.

3. Physical Water Quality Measurements:

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

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

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

4. Groundwater Elevations and Flow:

The groundwater elevation measurements of all the monitoring wells for the past monitoring events are included in Table-5 of this report. The results obtained from all the preexisting and recently installed monitoring wells indicate that the groundwater elevation at Gude Landfill has increased by an overall average of 2.1 ft from October 2010 to April 2011. 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.

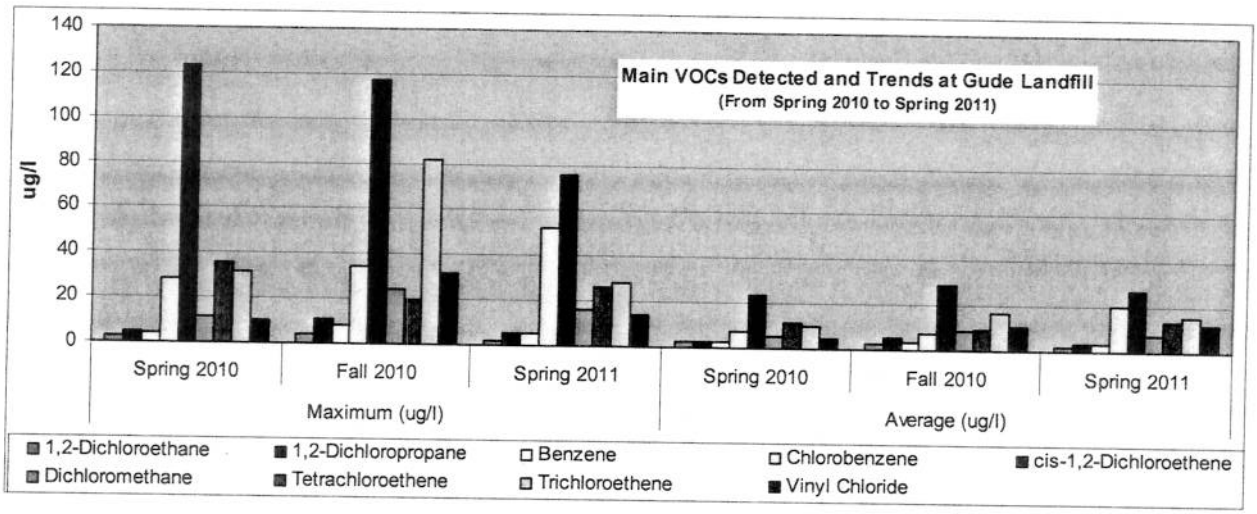
5. Conclusions/Trend Analysis:

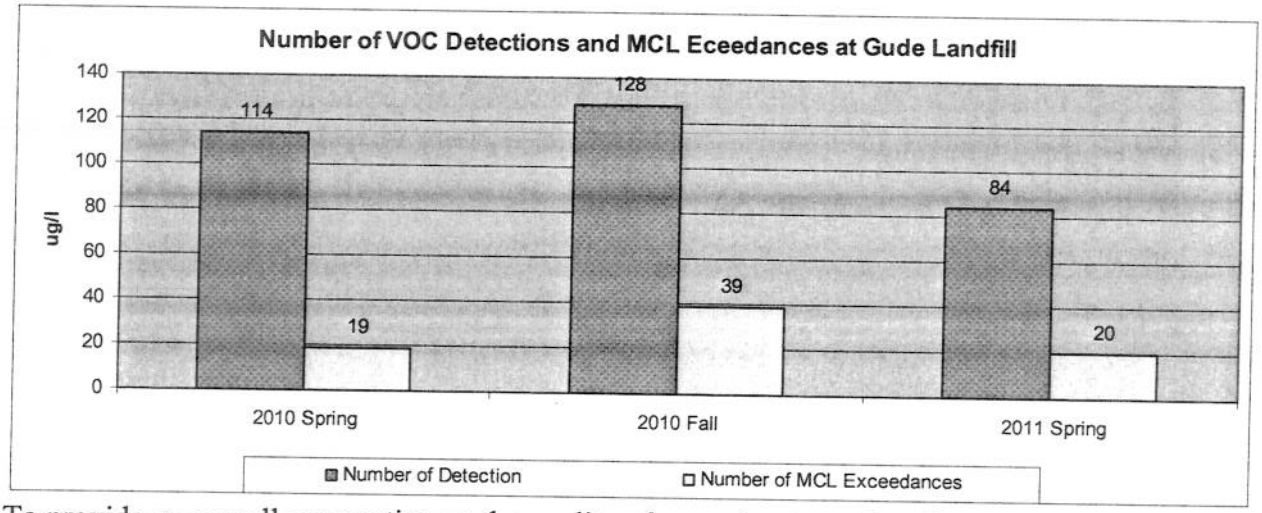
Results obtained from the latest monitoring activities (Spring 2011) are similar and comparable to those collected from prior monitoring results for the past several years. Major findings indicate that:

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.

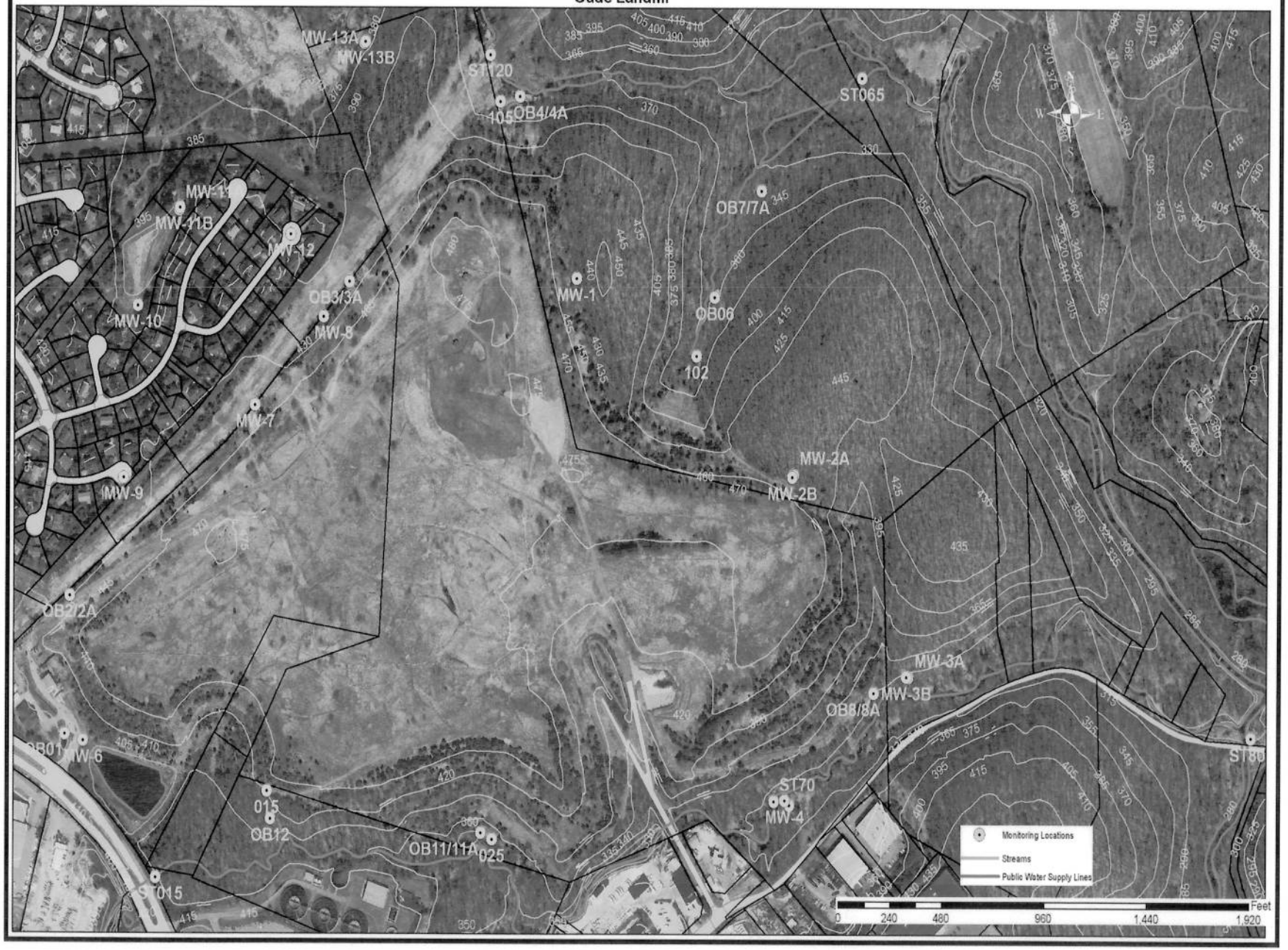
- Groundwater flow around the landfill appears to follow the general topography of the area where the landfill is located and it follows the general surface water flow direction. The overall surface water flow in the area is towards the east and south away from the landfill.
- Most of the detected groundwater 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.
- 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 (µg/l)

TABAL 1 - Volatile Organic Compounds

	Parameter	OB01	OB02	OB02A	OB03	OB03A	OB04	OB04A	OB06	OB07
SPRING 2011	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	23	ND	22	ND	ND	ND
	1,1-Dichloroethene	1.1	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	4.1	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	8.1	ND	6.6	ND	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	2.2	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	3.9	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	5.7	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	ND	ND	1.5	5.3	ND	7.5	ND	ND	ND
	cis-1,2-Dichloroethene	6.6	ND	ND	38	11	67	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	2	7.7	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	2.6	ND	ND	ND	ND	ND
	ortho-Xylene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	para-Xylene & meta-Xylene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	13	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	6.3	ND	5.4	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	21	ND	17	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	3.8	ND	ND	ND
	Vinyl Acetate	ND	ND	ND	ND	NT	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	11	ND	ND	ND	ND	ND
	Xylenes (Total)	ND	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	OB07A	OB08	OB08A	OB10	OB102	OB105	OB11	OB11A	OB12
SPRING 2011	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	23
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	**25**	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	**1.8**	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	3.9	2.8	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	2.8	ND	ND
	1,2-Dichloropropane	ND	1.2	ND	ND	ND	ND	**5.1**	3.7	3.3
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	**5.2**	3.5	2.2
	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	2.3	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	6.1	7.3	ND	ND	ND	52	29	ND
	Chloroethane	ND	ND	1	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	ND	2.6	4	6.2	ND	ND	2.3	1.4	2.1
	cis-1,2-Dichloroethene	ND	8.9	12	9.6	ND	ND	ND	**76**	14
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	**16**	1.8	**10**
	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	5.6	3.8	ND
	ortho-Xylene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	para-Xylene & meta-Xylene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	2	ND	ND	ND	ND	ND	**26**	**14**	**12**
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	4.9	ND	1.8
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	**28**	**17**	**9.4**
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	6.8	2.9	4.5
	Vinyl Acetate	ND	3.2	4	ND	ND	ND	ND	ND	6.6
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	**14**	**11**	ND
	Xylenes (Total)	ND	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	OB15	OB25	ST015	ST120	ST65	ST70	ST80	MW1B	MW2A
SPRING 2011	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	2.3	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	1.8	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	ND	ND	ND	4.9	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	para-Xylene & meta-Xylene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	4
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	1.1	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes (Total)	ND	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	MW2B	MW3A	MW3B	MW04	MW06	MW07	MW08	MW09	MW10
SPRING 2011	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	9.3	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	9.4	ND	ND	8.6	22	24
	Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	1.1	ND	ND	ND	1	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	1.1	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	5.6	7.1	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	1.5	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	ND	ND	ND	2.9	ND	ND	3.7	ND	5.2
	cis-1,2-Dichloroethene	ND	ND	ND	13	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	para-Xylene & meta-Xylene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.9	ND	ND	ND	ND	ND	ND	5	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	3	ND
	trans-1,2-Dichloroethene	ND	ND	ND	1.7	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	**5.6**	ND	**11**	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes (Total)	ND	ND	ND	ND	ND	ND	ND	1.3	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
SPRING 2011	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	25	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	**6.6**	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	35
	Acrylonitrile	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	4.4	ND
	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	ND	ND
	Chloroethane	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND
	Chloromethane	ND	ND	4.1	6.4	4.6
	cis-1,2-Dichloroethene	ND	ND	ND	**96**	3.9
	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	**10**	ND
	Ethylbenzene	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	3.1	ND
	ortho-Xylene	NT	NT	NT	NT	NT
	para-Xylene & meta-Xylene	NT	NT	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	**17**	ND
	Toluene	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	7.3	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	**23**	ND
	Trichlorofluoromethane	ND	ND	ND	3.8	ND
	Vinyl Acetate	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	**14**	ND
	Xylenes (Total)	ND	ND	ND	ND	ND

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	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	2011-S
OB01	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,1-Dichloroethane	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	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	1.1
	1,2,3-Trichloropropane	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	NS	ND	ND	ND	ND	ND
	1,2-Dibromoethane	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	NS	ND	NT	1	1.48	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.46	ND	ND
	1,2-Dichloropropane	ND	2.34	1.16	1.88	ND	1.1	1.45	1.28	1.04	ND	ND	NS	ND	ND	0.59	ND	ND
	1,4-Dichlorobenzene	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	ND
	2-Butanone	NT	ND	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	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Acrylonitrile	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Benzene	ND	1.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.39	ND	ND
	Bromochloromethane	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	NS	ND	ND	ND	ND	ND
	Bromoform	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	NS	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	1.04	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND
	Carbon Tetrachloride	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	1.26	ND	1.21	ND	NS	ND	1.03	1.57	1.43	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.25	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.92	0.74	ND
	Chloromethane	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	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	6.6
	cis-1,3-Dichloropropene	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	NS	ND	ND	ND	ND	ND
	Dibromomethane	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	NS	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.36	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	ND	NT	NT	NT	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	0.77	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.34	ND	NT
	para-Xylene & meta-Xylene	ND	1.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Tetrachloroethene	2.2	ND	ND	ND	ND	ND	ND	1.26	ND	ND	ND	NS	1.2	ND	0.51	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	3.35	ND	1.08	ND	1.09	ND	1.13	ND	1.42	ND	NS	ND	ND	0.67	0.70	ND
	trans-1,3-Dichloropropene	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	NT	NT	ND	ND	ND	ND
	Trichloroethene	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	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	ND
	Vinyl Chloride	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	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
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	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
	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	1.13	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	1.28	ND	ND	ND	ND	ND	ND	ND	NT	ND	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	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.48	ND	ND
	2-Butanone	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	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.18	ND	ND
	Acrylonitrile	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	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	NT	ND	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	1.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	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
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	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
	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	ND	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	1.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	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
	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	ND	ND	ND	ND
	Trichloroethene	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
	Vinyl Acetate	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	ND
	Vinyl Chloride	NT	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
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	5.4	5.99	1.77	1.24	ND	1.1	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	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dichloropropane	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	ND
	2-Butanone	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	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	ND	ND	ND	ND
	Benzene	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	NT	ND	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	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND
	Chlorobenzene	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
	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	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	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	1.5
	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	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Tetrachloroethene	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
	trans-1,2-Dichloroethene	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
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND
	Trichloroethene	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
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Vinyl Chloride	NT	NT	NT	3.45	1.39	1.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
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	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	23
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.71	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	1.63	ND	ND	ND	ND	ND	ND	ND	1.07	ND	ND	ND	ND	ND	1.52	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	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	ND
	1,2-Dichloroethane	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	ND
	1,2-Dichloropropane	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	4.1
	1,4-Dichlorobenzene	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	ND
	2-Butanone	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	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.12	ND	8.1
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Benzene	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	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	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	2.12	ND	1.3	ND	1.03	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	3.9
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	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	5.7
	Chloroethane	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	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	ND	ND	ND	ND	ND	ND	5.3
	cis-1,2-Dichloroethene	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	38
	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	13.2	ND	ND	ND	6.33	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	ND	5.57	ND	2.05	ND	1.71	2.6
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	para-Xylene & meta-Xylene	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND	1.33	ND	ND	ND	ND	ND	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	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	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.46	ND	ND	1.49	ND	ND	ND
	trans-1,2-Dichloroethene	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	6.3
	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	ND	ND	ND	ND
	Trichloroethene	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	21
	Trichlorofluoromethane	2.38	2.87	ND	ND	3.3	2.44	3.18	4.34	ND	ND	ND	ND	ND	4.88	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	ND
	Vinyl Chloride	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	11
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
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	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	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	1.67	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	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57	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	1.1	ND	ND	2	ND	1.54	ND	2.11	1.23	2.07	2	1.65	ND	NT	0.42	0.81	ND
	1,2-Dichloroethane	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	ND
	1,2-Dichloropropane	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	ND
	1,4-Dichlorobenzene	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	ND
	2-Butanone	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.6	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.13	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Benzene	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	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	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	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND
	Chlorobenzene	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	ND
	Chloroethane	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	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	ND	ND	ND	ND	ND	1.54	ND
	cis-1,2-Dichloroethene	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	11
	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	2
	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	ND	ND	ND	1.39	1.15	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	para-Xylene & meta-Xylene	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	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	ND
	Toluene	1.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.05	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	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	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	ND	ND	ND	ND
	Trichloroethene	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	ND
	Trichlorofluoromethane	ND	ND	ND	3.01	ND	ND	ND	3.77	ND	ND	ND	ND	ND	3.08	ND	2.47	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	NT
	Vinyl Chloride	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	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
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	0.35	ND	22
	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	0.45	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	NT	0.46	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	0.52	ND	ND
	1,4-Dichlorobenzene	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	ND
	2-Butanone	NT	NT	NT	ND	11.51	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.41	0.65	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.49	11.90	6.6
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Benzene	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	2.2
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	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	1.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND
	Chlorobenzene	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	1.11	1.05	1.19	ND	ND	ND	1.09	1.18	0.90	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	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	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	67
	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	2.53	ND	1.48	1.6	1.42	ND	ND	1.42	1.93	1.72	1.03	7.7
	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	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	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	13
	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	0.45	ND	5.4
	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	ND	ND	ND	ND
	Trichloroethene	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	17
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.8
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Vinyl Chloride	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
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
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	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.47	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	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	ND
	2-Butanone	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	0.78	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	18.60	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Benzene	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	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	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	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND
	Chlorobenzene	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	1.08	1.02	1.17	ND	ND	1.07	1.14	1.14	0.87	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	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	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	ND
	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	2.44	ND	ND	ND	ND	ND
	Dichloromethane	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	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	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	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	ND
	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	0.55	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	ND	ND	ND	ND
	Trichloroethene	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	ND
	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	0.01	ND	ND
	Vinyl Chloride	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	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
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	11	ND	ND	ND	ND	ND	NT	ND	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	ND	ND
	1,4-Dichlorobenzene	1.46	1.46	ND	1.32	ND	1.08	ND	11	ND	1.44	1.03	ND	ND	1.43	ND	0.93	ND
	2-Butanone	NT	NT	NT	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	ND	0.57	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	ND	0.14	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	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	NT	ND	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	1.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	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	ND	ND	ND	ND	0.66	0.56	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	ND	ND	ND	ND	ND	0.91	ND
	cis-1,2-Dichloroethene	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	ND
	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	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.81	ND	ND	ND	ND	ND	ND	1.11	1.15	ND	ND	1.01	ND	ND	0.68	ND	ND
	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	NT	NT	NT	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.36	ND	ND
	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	ND	ND	ND
	Vinyl Chloride	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
OB07	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,1-Dichloroethene	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	NS	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	3.05	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	NS	ND	ND	0.54	ND	ND
	1,2-Dichlorobenzene	1.76	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NT	0.47	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	1.75	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	NS	ND	ND	ND	ND	ND
	2-Butanone	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.58	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	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	ND	ND	ND	ND
	Benzene	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	NS	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NT	ND	ND	ND
	Bromoform	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	NS	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	2.13	4.62	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Chlorobenzene	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	NS	ND	ND	ND	ND	ND
	Chloroform	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	ND	NS	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	1.38	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	1.81	ND	ND	ND	NS	1.45	1.63	1.3	1.48	ND
	Dibromochloromethane	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	NS	ND	ND	ND	ND	ND
	Dichloromethane	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	NS	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	1.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	NT
	Tetrachloroethene	2.28	ND	ND	ND	ND	ND	ND	1.68	ND	ND	ND	NS	1.3	ND	1.23	1.61	ND
	Toluene	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	NS	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	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	NT	NT	NT	ND	ND	ND	ND
	Trichloroethene	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	NS	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Vinyl Chloride	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
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	11	ND	ND	ND	ND	ND	NT	ND	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	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	0.23	ND	ND
	2-Butanone	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	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	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	ND	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	NT	ND	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	1.06	8.93	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	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	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	ND	ND	ND	ND	ND	1.20	ND
	cis-1,2-Dichloroethene	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	ND
	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	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	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	2
	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		NT	NT	ND	ND	ND	ND
	Trichloroethene	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
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	ND
	Vinyl Chloride	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
OB08	1,1,1,2-Tetrachloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	NS	ND	ND	ND	ND	ND	ND	1.23	ND	ND	ND	ND	1.2	0.46	0.87	ND
	1,2,3-Trichloropropane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.54	ND	ND
	1,2-Dichlorobenzene	ND	NS	ND	ND	1.01	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	NS	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	NT	0.59	ND	ND
	1,2-Dichloropropane	ND	NS	ND	ND	ND	ND	ND	1.78	1.59	1.67	ND	ND	ND	ND	0.36	ND	ND
	1,4-Dichlorobenzene	ND	NS	ND	ND	ND	ND	NT	2.1	3.35	3.16	ND	ND	1.24	1.16	1.19	0.78	1.2
	2-Butanone	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	2.15	2.92	1.84	ND
	2-Hexanone	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NS			NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Acrylonitrile	NT	NS			NT	NT	NT	NT	NT	NT	NT	NT	NT	2.7	0.21	0.50	ND
	Benzene	ND	NS	ND	ND	ND	ND	ND	1.09	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.63	0.66	ND
	Bromodichloromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	Bromoform	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24	ND	ND
	Carbon Tetrachloride	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Chlorobenzene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	NS	ND	ND	ND	ND	ND	4.81	4.14	4.04	ND	ND	22.02	1.95	3.13	3.31	6.1
	Chloroform	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.41	0.55	ND
	Chloromethane	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	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	8.9
	cis-1,3-Dichloropropene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.38	ND	ND
	ortho-Xylene	ND	NS	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	0.44	ND	ND
	para-Xylene & meta-Xylene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Styrene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Tetrachloroethene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	NS	ND	ND	ND	ND	ND	1.22	1.11	1.26	ND	ND	ND	ND	0.87	0.66	ND
	trans-1,3-Dichloropropene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Trichloroethene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.42	ND	ND
	Trichlorofluoromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.02	ND	3.2
	Vinyl Chloride	NT	NS	NT	ND	ND	ND	ND	2.67	2.47	2.98	ND	ND	2.04	2.35	2.91	3.18	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
OB08A	1,1,1,2-Tetrachloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	NS	ND	ND	ND	ND	ND	ND	1.43	1.05	ND	ND	ND	1.47	0.44	0.97	ND
	1,1-Dichloroethene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.07	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.32	ND	ND
	1,2-Dichloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.38	ND	ND
	1,2-Dichloropropane	ND	NS	ND	ND	ND	ND	ND	2.53	2.17	2.33	1.22	ND	2.11	2.02	1.47	1.10	ND
	1,4-Dichlorobenzene	ND	NS	ND	ND	ND	ND	ND	5.86	4.47	4.75	ND	ND	ND	3.97	3.34	2.83	ND
	2-Butanone	NT	NS	NT	NT	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	2-Hexanone	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Acrylonitrile	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Benzene	ND	NS	ND	ND	ND	ND	ND	1.39	1.23	1.26	ND	ND	1.09	1.03	0.89	0.99	ND
	Bromochloromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	Bromodichloromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND
	Carbon Tetrachloride	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	NS	ND	ND	ND	ND	ND	5.54	4.84	4.64	2.27	ND	3.43	3.38	3.93	4.22	7.3
	Chloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.47	0.62	1
	Chloroform	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	0.89	4
	cis-1,2-Dichloroethene	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	12
	cis-1,3-Dichloropropene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	0.42	ND	ND
	ortho-Xylene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	para-Xylene & meta-Xylene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Styrene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.12	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	NS	ND	ND	ND	ND	ND	1.79	1.45	1.89	ND	ND	1.48	1.37	0.99	0.89	ND
	trans-1,3-Dichloropropene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Trichloroethene	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	ND
	Trichlorofluoromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	4
	Vinyl Chloride	NT	NS	NT	ND	ND	ND	ND	4.03	3.44	4.8	1.6	ND	5.16	6.5	4.11	4.76	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
OB10	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	1.58	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	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	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	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	5.71	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	11	ND	1.19	ND	ND	ND	NT	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.64	ND
	1,2-Dichloropropane	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	ND
	1,4-Dichlorobenzene	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	ND
	2-Butanone	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	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	NT	NT	NT	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	1.67	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Benzene	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	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	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	0.22	ND	ND
	Carbon disulfide	1.75	ND	ND	1.25	ND	ND	ND	ND	ND	1.03	NT	NT	NT	ND	ND	ND	2.3
	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	1.01	ND	ND	ND	ND	0.32	0.98	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24	0.68	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	ND	ND	ND	ND	ND	ND	6.2
	cis-1,2-Dichloroethene	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	9.6
	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	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	2.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Tetrachloroethene	9.45	ND	6.03	ND	2.28	ND	ND	ND	2.47	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.03	2.86	1.95	ND
	trans-1,2-Dichloroethene	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	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	NT	NT	NT	ND	ND	ND	ND
	Trichloroethene	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	ND
	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	ND	ND	ND
	Vinyl Chloride	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	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
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
	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	12	ND	ND	ND	ND	ND	NT	ND	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	ND	ND
	1,4-Dichlorobenzene	ND	1.05	ND	ND	1.78	2.32	ND	12	2.03	ND	1.81	1.43	ND	ND	1.6	1.12	ND
	2-Butanone	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	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	0.53	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	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	NT	ND	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	0.25	ND	ND
	Carbon disulfide	2.07	2.13	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	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	1.17	1.31	1.54	1.65	1.74	2.43	1.65	1.41	3.43	2.27	1.7	1.51	ND
	Chloroethane	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
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	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	ND
	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	1.05	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	ND	ND	ND	ND	0.47	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	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
	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	NT	NT	NT	ND	ND	ND	ND
	Trichloroethene	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
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Vinyl Chloride	NT	NT	NT	2.98	ND	2.33	ND	1.11	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
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	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	1.38	ND	1.03	ND	ND	ND	2.23	ND	1.46	ND	3.38	0.72	3.32	ND
	2-Butanone	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	NT	NT	NT	ND	0.23	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	1.27	ND	31.10	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.90	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	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	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	ND	ND	ND	ND	ND	0.55	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.89	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	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	3.19	ND	3.71	ND	ND	ND	8.03	ND	7.14	ND	11.1	0.97	ND	ND
	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	0.77	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Tetrachloroethene	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
	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	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.25	ND	1.38	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Vinyl Chloride	NT	NT	NT	1.01	ND	1.31	ND	ND	ND	2.04	ND	ND	ND	1.51	ND	3.03	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
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	1.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.52	ND	ND	ND	ND	ND
	1,1-Dichloroethane	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	ND
	1,1-Dichloroethene	ND	ND	1.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.89	1.03	0.45	0.93	25
	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	1.56	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	1.77	1.03	ND	ND	2.89	2.38	2.42	1.03	1.55	ND	NT	1.75	1.51	3.9
	1,2-Dichloroethane	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	2.8
	1,2-Dichloropropane	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	5.1
	1,4-Dichlorobenzene	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	ND
	2-Butanone	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	0.95	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	24.60	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Benzene	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	5.2
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	1.94	2.25	1.22	ND	ND	ND	NT	ND	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	1.2	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	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	52
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57	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	ND	ND	ND	ND	ND	ND	2.3
	cis-1,2-Dichloroethene	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	ND
	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	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	16
	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	2.2	ND	6.41	2.67	ND	1.65	5.6
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	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	26
	Toluene	ND	ND	ND	1.45	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	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	4.9
	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	NT	NT	NT	ND	ND	ND	ND
	Trichloroethene	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	28
	Trichlorofluoromethane	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	6.8
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.25	ND	ND
	Vinyl Chloride	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	14
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
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	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	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.07	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	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	2.8
	1,2-Dichloroethane	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	ND
	1,2-Dichloropropane	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	3.7
	1,4-Dichlorobenzene	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	ND
	2-Butanone	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	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.12	22.80	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Benzene	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	3.5
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	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	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	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	29
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.39	0.89	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	ND	ND	ND	ND	ND	ND	1.4
	cis-1,2-Dichloroethene	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	76
	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	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	1.8
	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	4.33	ND	5.76	2.49	ND	2.00	3.8
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	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	14
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	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	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	NT	NT	NT	ND	ND	ND	ND	ND
	Trichloroethene	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	17
	Trichlorofluoromethane	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	2.9
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.27	ND	ND
	Vinyl Chloride	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	11
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
OB12	1,1,1,2-Tetrachloroethane	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	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	23
	1,1-Dichloroethene	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.54	ND
	1,2,3-Trichloropropane	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	NS	NS	NS	NS	ND	ND	ND	11	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dichloroethane	NS	NS	NS	NS	ND	ND	ND	ND	ND	1.59	ND	1.08	ND	ND	0.63	1.17	ND
	1,2-Dichloropropane	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	3.3
	1,4-Dichlorobenzene	NS	NS	NS	NS	ND	2.01	ND	11	1.5	3.77	ND	2.82	ND	4.18	2.83	4.51	ND
	2-Butanone	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	2-Hexanone	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NS	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.59	0.70	ND
	Acrylonitrile	NS	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Benzene	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	2.2
	Bromochloromethane	NS	NS	NS	NS	ND	ND	ND	1.29	ND	ND	ND	ND	ND	NT	ND	ND	ND
	Bromodichloromethane	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Carbon Tetrachloride	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.21	0.92	1.46	ND
	Chloroethane	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	ND
	Chloroform	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NS	NS	NS	NS	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	2.1
	cis-1,2-Dichloroethene	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	14
	cis-1,3-Dichloropropene	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	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	10
	Ethylbenzene	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NS	NS	NS	NS	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	0.85	ND
	ortho-Xylene	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	para-Xylene & meta-Xylene	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Styrene	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	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	12
	Toluene	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	NS	NS	NS	NS	ND	ND	ND	1.38	ND	2.68	1.42	1.52	1.23	1.91	1.62	2.44	1.8
	trans-1,3-Dichloropropene	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Trichloroethene	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	9.4
	Trichlorofluoromethane	NS	NS	NS	NS	ND	2.57	ND	2.26	ND	3.46	1.91	1.78	ND	2.42	1.8	3.80	4.5
	Vinyl Acetate	NS	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	6.6
	Vinyl Chloride	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	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
OB15	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	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	2.3
	1,1-Dichloroethene	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	1.34	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	NS	ND	11	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	NT	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	1.07	NS	ND	11	ND	NS	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	NT	NT	NT	ND	ND	NS	ND	6.45	ND	NS	NT	NT	NT	ND	0.28	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NS	NT	NT	NT	NS	NT	NT	NT	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	NT	NT	NT	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NS	NT	NT	NT	NS	NT	NT	NT	ND	0.61	ND	ND
	Benzene	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	NT	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	1.77	ND	ND	NS	ND	ND	ND	NS	NT	NT	NT	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	0.05	0.98	ND
	Chloroform	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NS	NT	NT	NT	NS	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	NS	ND	ND	1.28	NS	1.1	1.51	1.17	1.51	1.18	1.02	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NS	ND	ND	ND	NS	Nt	NT	NT	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	NS	NT	NT	NT	NS	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	NT
	Styrene	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	NT
	Tetrachloroethene	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	0.48	0.54	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	0.39	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	1.57	1.24	1.42	ND	NS	2.73	1.75	1.16	NS	NT	NT	NT	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	2.31	1.23	1.1
	Vinyl Acetate	NT	NT	NT	NT	NT	NS	NT	NT	NT	NS	NT	NT	NT	NT	0.01	ND	ND
	Vinyl Chloride	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	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
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	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.13	0.63	1.11	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	143	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dichloropropane	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	0.23	ND	ND
	2-Butanone	NT	NT	NT	ND	ND	ND	ND	ND	ND	1.38	ND	ND	ND	3.16	0.71	3.80	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.45	0.87	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	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	ND	0.82	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	2.11	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	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	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Chlorobenzene	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	1.58	ND	1.07	ND	1.93	0.47	4.50	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.17	0.69	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	2.56	6.07	4.38	6.23	4.12	7.5	4.52	6.82	ND
	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	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.45	ND	ND	ND	ND	ND	ND	ND	ND	1.44	ND	ND	ND	ND	ND	0.86	ND
	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	NT	NT	NT	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	1.04	2.43	1.21	ND	ND	1.66	0.81	2.24	ND
	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	ND	ND	ND
	Vinyl Chloride	NT	NT	NT	3.33	ND	1.21	ND	2.15	ND	5.29	ND	4.29	ND	2.61	0.38	4.04	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
ST015	1,1,1,2-Tetrachloroethane	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	NS	NS	ND	ND	ND	ND	2.82	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	NS	NS	ND	ND	ND	ND	1.8	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,1-Dichloroethane	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,1-Dichloroethene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	NS	NS	ND	ND	ND	ND	3.69	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	NS	NS	ND	ND	ND	ND	5.52	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,2-Dibromoethane	NS	NS	ND	ND	ND	ND	2.56	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	NS	NS	ND	ND	ND	ND	ND	10	ND	ND	ND	NS	ND	NT	ND	ND	ND
	1,2-Dichloroethane	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,2-Dichloropropane	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	NS	NS	ND	ND	ND	ND	ND	10	ND	ND	ND	NS	ND	ND	0.27	ND	ND
	2-Butanone	NS	NS	NT	ND	ND	ND	NT	ND	ND	ND	NT	NS	NT	ND	ND	0.56	ND
	2-Hexanone	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NS	NT	ND	ND	ND	ND
	Acetone	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	0.27	ND	ND
	Acrylonitrile	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NS	NT	ND	ND	ND	ND
	Benzene	NS	NS	ND	ND	ND	ND	ND	ND	ND	1.11	ND	NS	ND	ND	ND	ND	ND
	Bromochloromethane	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NT	ND	ND	ND
	Bromodichloromethane	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Bromoform	NS	NS	ND	ND	ND	ND	1.09	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Bromomethane	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Carbon disulfide	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND
	Carbon Tetrachloride	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Chlorobenzene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Chloroethane	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Chloroform	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Chloromethane	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.78	ND	ND
	cis-1,3-Dichloropropene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Dibromochloromethane	NS	NS	ND	ND	ND	ND	1.04	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Dibromomethane	NS	NS	ND	ND	ND	ND	2.33	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Dichloromethane	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Ethylbenzene	NS	NS	ND	ND	ND	ND	ND	ND	ND	1.15	ND	NS	ND	ND	ND	ND	ND
	Methyl Iodide	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND
	ortho-Xylene	NS	NS	ND	ND	ND	ND	ND	ND	ND	1.45	ND	NS	ND	ND	ND	ND	NT
	para-Xylene & meta-Xylene	NS	NS	ND	ND	ND	ND	ND	ND	ND	3.64	ND	NS	ND	ND	ND	ND	NT
	Styrene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Tetrachloroethene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Toluene	NS	NS	ND	ND	ND	ND	ND	ND	ND	5.94	ND	NS	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	NS	NS	ND	ND	ND	ND	1.06	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND
	Trichloroethene	NS	NS	1.08	1.05	ND	ND	ND	ND	1.4	ND	1.1	NS	2.2	ND	1.38	ND	ND
	Trichlorofluoromethane	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Vinyl Acetate	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NS	NT	NT	ND	ND	ND
	Vinyl Chloride	NS	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
ST120	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	NT	ND	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	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.22	ND	ND
	2-Butanone	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	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.21	ND	ND
	Acetone	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	ND	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	NT	ND	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	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	1.8
	Chlorobenzene	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
	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	ND	ND	ND	ND	ND	ND	ND
	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	ND
	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	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	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	ND	1.65	ND	1.56	ND	ND	ND	ND	ND	1.10	ND
	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	NT	NT	NT	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	1.33	ND	1.4	ND	ND	ND	ND	0.27	0.90	ND
	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	ND	ND	ND
	Vinyl Chloride	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
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	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.13	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	1.04	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	11	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dichloropropane	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	11	ND	ND	ND	ND	1.34	ND	ND	ND	ND
	2-Butanone	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.17	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	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	1.17	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	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	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	ND	ND	0.23	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Chlorobenzene	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
	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	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.43	ND	ND	0.81	ND
	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	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Tetrachloroethene	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
	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	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.13	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND
	Vinyl Chloride	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.29	ND	ND	ND	ND
														NT	NT	NT	NT	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	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	2011-S
ST70	1,1,1,2-Tetrachloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	NS	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dichloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	NS	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	0.19	ND	ND
	2-Butanone	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	2-Hexanone	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Acrylonitrile	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Benzene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	Bromodichloromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.28	ND	ND
	Carbon Tetrachloride	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Chlorobenzene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	1.04	ND	1.17	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	3.82	ND	7.27	1.19	4.27	1.04	ND
	ortho-Xylene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	para-Xylene & meta-Xylene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Styrene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.52	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Trichloroethene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND
	Vinyl Chloride	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	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	2011-S
ST80	1,1,1,2-Tetrachloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	NS	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	1,2-Dichloropropane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	NS	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	NT	NS	NT	NT	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND
	2-Hexanone	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Acetone	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Acrylonitrile	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.69	1.49	ND
	Benzene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND
	Bromoform	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Chlorobenzene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	ortho-Xylene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Styrene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT
	Tetrachloroethene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
	Trichlorofluoromethane	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND
	Vinyl Chloride	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND
														NT	NT	NT	NT	ND

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TABLE 2: Volatile Organic Compounds - Historical Results

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

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

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

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

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

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

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

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TABLE 2: Volatile Organic Compounds - Historical Results

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

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

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-S
MW06	1,1,1,2-Tetrachloroethane																ND	ND
	1,1,1-Trichloroethane																ND	ND
	1,1,2,2-Tetrachloroethane																ND	ND
	1,1,2-Trichloroethane																ND	ND
	1,1-Dichloroethane																6.86	ND
	1,1-Dichloroethene																ND	ND
	1,2,3-Trichloropropane																ND	ND
	1,2-Dibromo-3-chloropropan																ND	ND
	1,2-Dibromoethane																ND	ND
	1,2-Dichlorobenzene																ND	ND
	1,2-Dichloroethane																1.84	ND
	1,2-Dichloropropane																2.37	ND
	1,4-Dichlorobenzene																6.64	ND
	2-Butanone																ND	ND
	2-Hexanone																ND	ND
	4-Methyl-2-Pentanone																ND	ND
	Acetone																ND	ND
	Acrylonitrile																ND	ND
	Benzene																0.74	ND
	Bromochloromethane																ND	ND
	Bromodichloromethane																ND	ND
	Bromoform																ND	ND
	Bromomethane																ND	ND
	Carbon disulfide																ND	ND
	Carbon Tetrachloride																ND	ND
	Chlorobenzene																5.77	7.1
	Chloroethane																ND	ND
	Chloroform																ND	ND
	Chloromethane																ND	ND
	cis-1,2-Dichloroethene																33.20	ND
	cis-1,3-Dichloropropene																ND	ND
	Dibromochloromethane																ND	ND
	Dibromomethane																ND	ND
	Dichloromethane																0.56	ND
	Ethylbenzene																ND	ND
	Methyl Iodide																ND	ND
	Methyl Tertiary Butyl Ether																5.16	ND
	ortho-Xylene																ND	NT
	para-Xylene & meta-Xylene																ND	NT
	Styrene																ND	ND
	Tetrachloroethene																ND	ND
	Toluene																ND	ND
	trans-1,2-Dichloroethene																2.63	ND
	trans-1,3-Dichloropropene																ND	ND
	trans-1,4-Dichloro-2-buten																ND	ND
	Trichloroethene																1.19	ND
	Trichlorofluoromethane																ND	ND
	Vinyl Acetate																ND	ND
	Vinyl Chloride																ND	ND
	Xylene (Total)																NT	ND

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-S
MW07	1,1,1,2-Tetrachloroethane																ND	ND
	1,1,1-Trichloroethane																ND	ND
	1,1,2,2-Tetrachloroethane																ND	ND
	1,1,2-Trichloroethane																ND	ND
	1,1-Dichloroethane																ND	ND
	1,1-Dichloroethene																ND	ND
	1,2,3-Trichloropropane																ND	ND
	1,2-Dibromo-3-chloropropan																ND	ND
	1,2-Dibromoethane																ND	ND
	1,2-Dichlorobenzene																ND	ND
	1,2-Dichloroethane																ND	ND
	1,2-Dichloropropane																ND	ND
	1,4-Dichlorobenzene																ND	ND
	2-Butanone																ND	ND
	2-Hexanone																0.73	ND
	4-Methyl-2-Pentanone																ND	ND
	Acetone																ND	ND
	Acrylonitrile																4.74	ND
	Benzene																ND	ND
	Bromochloromethane																ND	ND
	Bromodichloromethane																ND	ND
	Bromoform																ND	ND
	Bromomethane																ND	ND
	Carbon disulfide																ND	ND
	Carbon Tetrachloride																2.00	ND
	Chlorobenzene																ND	ND
	Chloroethane																ND	ND
	Chloroform																ND	ND
	Chloromethane																ND	ND
	cis-1,2-Dichloroethene																0.58	ND
	cis-1,3-Dichloropropene																ND	ND
	Dibromochloromethane																ND	ND
	Dibromomethane																ND	ND
	Dichloromethane																ND	ND
	Ethylbenzene																ND	ND
	Methyl Iodide																ND	ND
	Methyl Tertiary Butyl Ether																ND	ND
	ortho-Xylene																ND	ND
	para-Xylene & meta-Xylene																ND	NT
	Styrene																ND	NT
	Tetrachloroethene																ND	ND
	Toluene																0.54	ND
	trans-1,2-Dichloroethene																ND	ND
	trans-1,3-Dichloropropene																ND	ND
	trans-1,4-Dichloro-2-buten																ND	ND
	Trichloroethene																ND	ND
	Trichlorofluoromethane																0.52	11
	Vinyl Acetate																ND	ND
	Vinyl Chloride																ND	ND
	Xylene (Total)																ND	ND

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TABLE 2: Volatile Organic Compounds - Historical Results

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

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TABLE 2: Volatile Organic Compounds - Historical Results

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

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

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

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TABLE 2: Volatile Organic Compounds - Historical Results

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

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Location	Parameter	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	2011-S
MW12	1,1,1,2-Tetrachloroethane																ND	ND
	1,1,1-Trichloroethane																ND	ND
	1,1,2,2-Tetrachloroethane																ND	ND
	1,1,2-Trichloroethane																ND	ND
	1,1-Dichloroethane																ND	ND
	1,1-Dichloroethene																ND	ND
	1,2,3-Trichloropropane																ND	ND
	1,2-Dibromo-3-chloropropan																ND	ND
	1,2-Dibromoethane																ND	ND
	1,2-Dichlorobenzene																ND	ND
	1,2-Dichloroethane																ND	ND
	1,2-Dichloropropane																ND	ND
	1,4-Dichlorobenzene																ND	ND
	2-Butanone																ND	ND
	2-Hexanone																ND	ND
	4-Methyl-2-Pentanone																ND	ND
	Acetone																ND	ND
	Acrylonitrile																ND	ND
	Benzene																ND	ND
	Bromochloromethane																ND	ND
	Bromodichloromethane																ND	ND
	Bromoform																ND	ND
	Bromomethane																ND	ND
	Carbon disulfide																ND	ND
	Carbon Tetrachloride																ND	ND
	Chlorobenzene																ND	ND
	Chloroethane																ND	ND
	Chloroform																ND	ND
	Chloromethane																ND	ND
	cis-1,2-Dichloroethene																ND	4.1
	cis-1,3-Dichloropropene																ND	ND
	Dibromochloromethane																ND	ND
	Dibromomethane																ND	ND
	Dichloromethane																ND	ND
	Ethylbenzene																ND	ND
	Methyl Iodide																ND	ND
	Methyl Tertiary Butyl Ether																ND	ND
	ortho-Xylene																ND	ND
	para-Xylene & meta-Xylene																ND	NT
	Styrene																ND	NT
	Tetrachloroethene																ND	ND
	Toluene																ND	ND
	trans-1,2-Dichloroethene																ND	ND
	trans-1,3-Dichloropropene																ND	ND
	trans-1,4-Dichloro-2-buten																ND	ND
	Trichloroethene																ND	ND
	Trichlorofluoromethane																ND	ND
	Vinyl Acetate																ND	ND
	Vinyl Chloride																ND	ND
	Xylene (Total)																ND	ND
																	NT	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	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	2011-S
MW13A	1,1,1,2-Tetrachloroethane																ND	ND
	1,1,1-Trichloroethane																ND	ND
	1,1,2,2-Tetrachloroethane																ND	ND
	1,1,2-Trichloroethane																ND	ND
	1,1-Dichloroethane																17.90	25
	1,1-Dichloroethene																ND	ND
	1,2,3-Trichloropropane																ND	ND
	1,2-Dibromo-3-chloropropan																ND	ND
	1,2-Dibromoethane																ND	ND
	1,2-Dichlorobenzene																ND	ND
	1,2-Dichloroethane																1.86	ND
	1,2-Dichloropropane																4.80	6.6
	1,4-Dichlorobenzene																3.54	ND
	2-Butanone																ND	ND
	2-Hexanone																ND	ND
	4-Methyl-2-Pentanone																ND	ND
	Acetone																0.72	ND
	Acrylonitrile																ND	ND
	Benzene																3.31	4.4
	Bromochloromethane																ND	ND
	Bromodichloromethane																ND	ND
	Bromoform																ND	ND
	Bromomethane																ND	ND
	Carbon disulfide																ND	ND
	Carbon Tetrachloride																ND	ND
	Chlorobenzene																1.01	ND
	Chloroethane																0.97	ND
	Chloroform																ND	ND
	Chloromethane																0.96	6.4
	cis-1,2-Dichloroethene																76.70	96
	cis-1,3-Dichloropropene																ND	ND
	Dibromochloromethane																ND	ND
	Dibromomethane																ND	ND
	Dichloromethane																8.07	10
	Ethylbenzene																ND	ND
	Methyl Iodide																ND	ND
	Methyl Tertiary Butyl Ether																0.61	3.1
	ortho-Xylene																ND	NT
	para-Xylene & meta-Xylene																ND	NT
	Styrene																ND	ND
	Tetrachloroethene																22.20	17
	Toluene																ND	ND
	trans-1,2-Dichloroethene																3.26	7.3
	trans-1,3-Dichloropropene																ND	ND
	trans-1,4-Dichloro-2-buten																ND	ND
	Trichloroethene																26.90	23
	Trichlorofluoromethane																1.50	3.8
	Vinyl Acetate																ND	ND
	Vinyl Chloride																11.10	14
	Xylene (Total)																NT	ND

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-S
MW13B	1,1,1,2-Tetrachloroethane																ND	ND
	1,1,1-Trichloroethane																ND	ND
	1,1,2,2-Tetrachloroethane																ND	ND
	1,1,2-Trichloroethane																ND	ND
	1,1-Dichloroethane																17.80	ND
	1,1-Dichloroethene																ND	ND
	1,2,3-Trichloropropane																ND	ND
	1,2-Dibromo-3-chloropropan																ND	ND
	1,2-Dibromoethane																ND	ND
	1,2-Dichlorobenzene																0.54	ND
	1,2-Dichloroethane																3.11	ND
	1,2-Dichloropropane																**6.54**	ND
	1,4-Dichlorobenzene																8.86	ND
	2-Butanone																ND	ND
	2-Hexanone																ND	ND
	4-Methyl-2-Pentanone																ND	ND
	Acetone																0.87	35
	Acrylonitrile																ND	ND
	Benzene																**5.56**	ND
	Bromochloromethane																ND	ND
	Bromodichloromethane																ND	ND
	Bromoform																ND	ND
	Bromomethane																ND	ND
	Carbon disulfide																ND	ND
	Carbon Tetrachloride																ND	ND
	Chlorobenzene																1.63	ND
	Chloroethane																1.14	ND
	Chloroform																ND	ND
	Chloromethane																0.76	4.6
	cis-1,2-Dichloroethene																**101.00**	3.9
	cis-1,3-Dichloropropene																ND	ND
	Dibromochloromethane																ND	ND
	Dibromomethane																ND	ND
	Dichloromethane																**8.50**	ND
	Ethylbenzene																ND	ND
	Methyl Iodide																ND	ND
	Methyl Tertiary Butyl Ether																0.96	ND
	ortho-Xylene																ND	NT
	para-Xylene & meta-Xylene																ND	NT
	Styrene																ND	ND
	Tetrachloroethene																**22.70**	ND
	Toluene																ND	ND
	trans-1,2-Dichloroethene																4.45	ND
	trans-1,3-Dichloropropene																ND	ND
	trans-1,4-Dichloro-2-buten																ND	ND
	Trichloroethene																**32.00**	ND
	Trichlorofluoromethane																1.71	ND
	Vinyl Acetate																ND	ND
	Vinyl Chloride																**17.20**	ND
	Xylene (Total)																NT	ND

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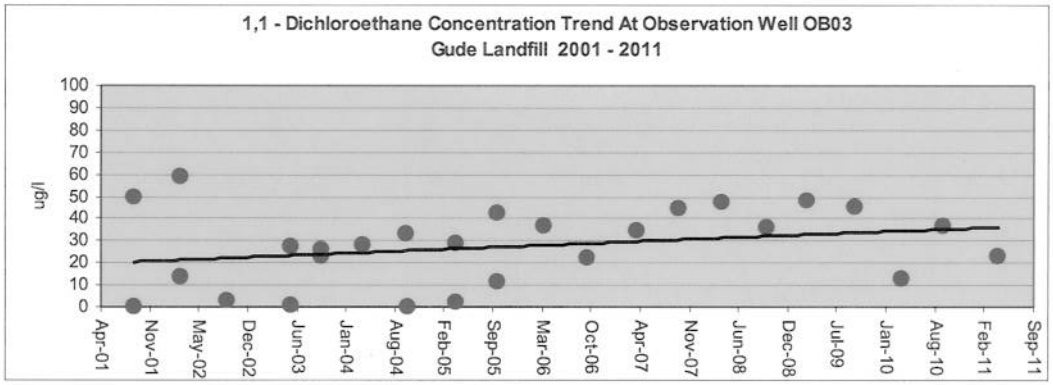
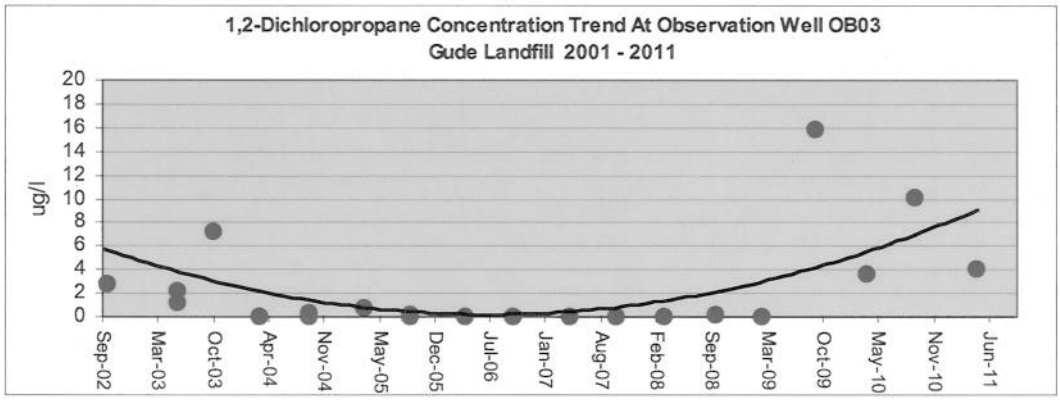
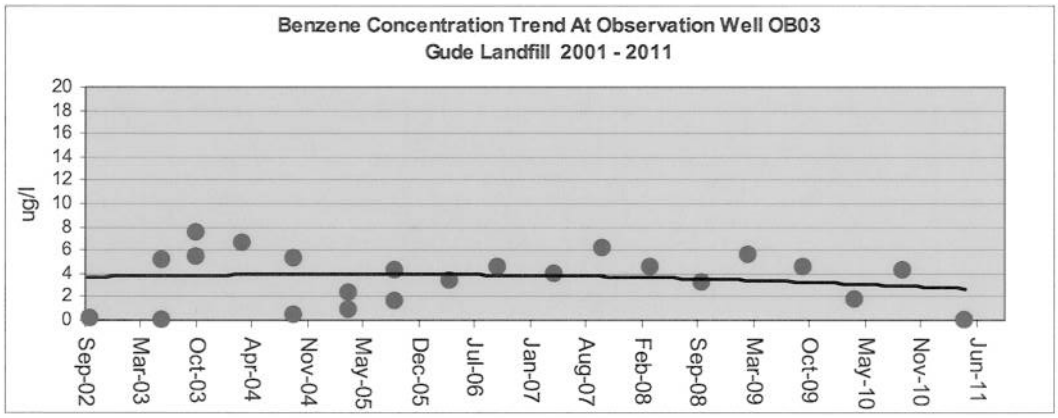
Appendix C

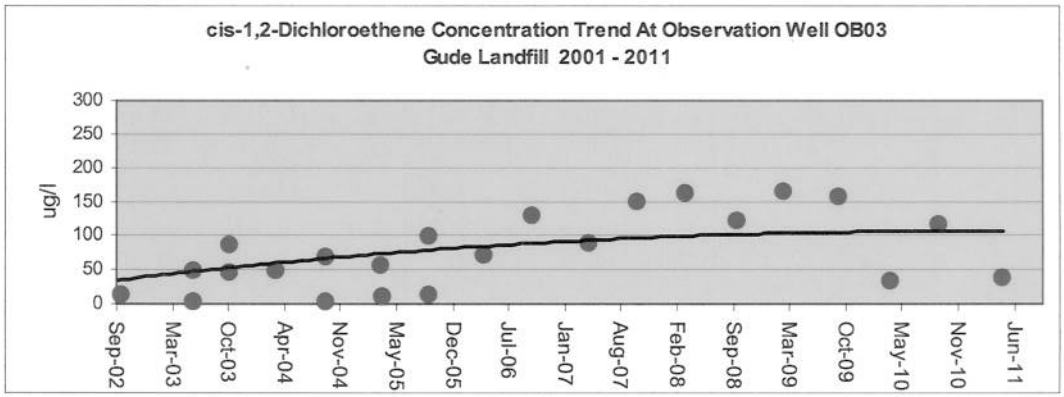
Volatile Organic Compounds

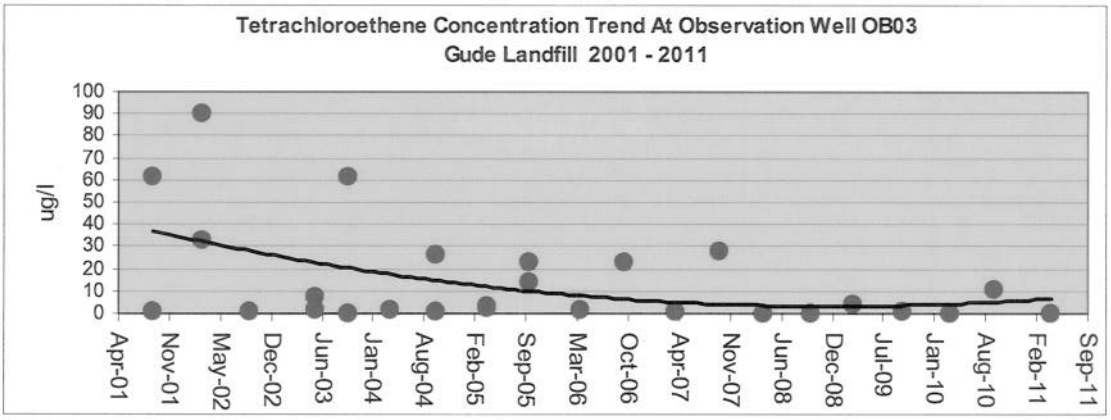
Trend Analysis

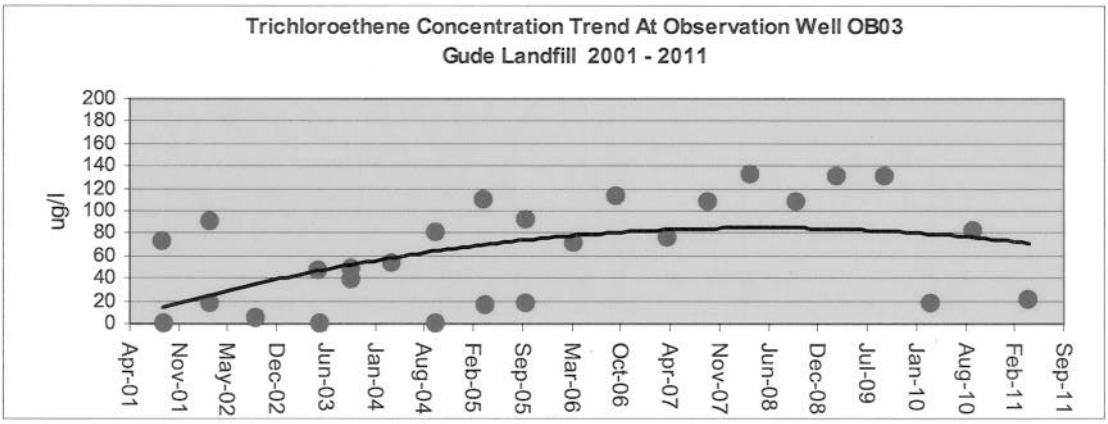

1,1 - Dichloroethane Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2011
ug/l
100
90
80
70
60
50
40
30
20
10
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

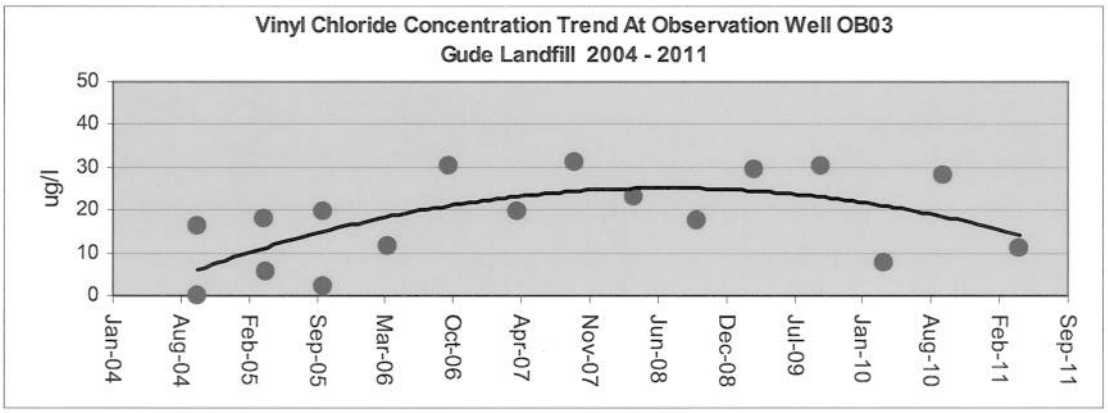

1,2-Dichloropropane Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2011
ug/l
20
18
16
14
12
10
8
6
4
2
0
Sep-02
Mar-03
Oct-03
Apr-04
Nov-04
May-05
Dec-05
Jul-06
Jan-07
Aug-07
Feb-08
Sep-08
Mar-09
Oct-09
May-10
Nov-10
Jun-11

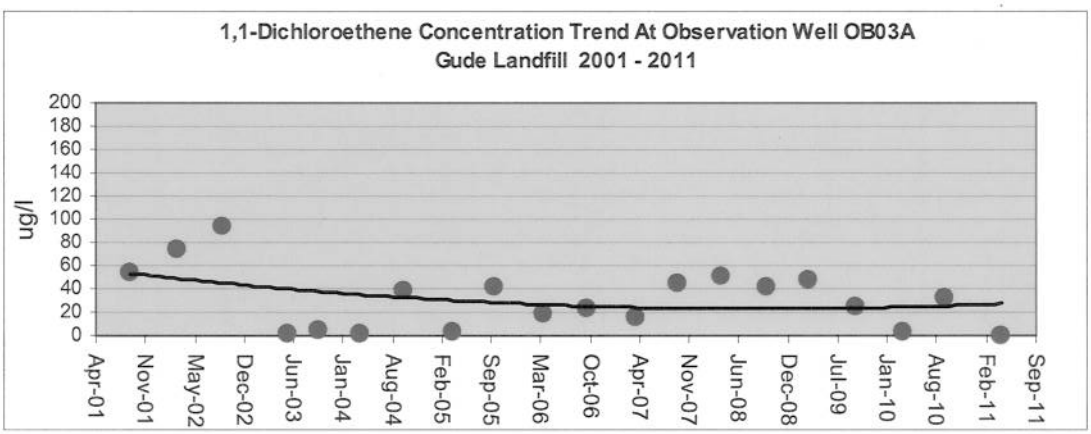

Benzene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2011
ug/l
20
18
16
14
12
10
8
6
4
2
0
Sep-02
Mar-03
Oct-03
Apr-04
Nov-04
May-05
Dec-05
Jul-06
Jan-07
Aug-07
Feb-08
Sep-08
Mar-09
Oct-09
May-10
Nov-10
Jun-11

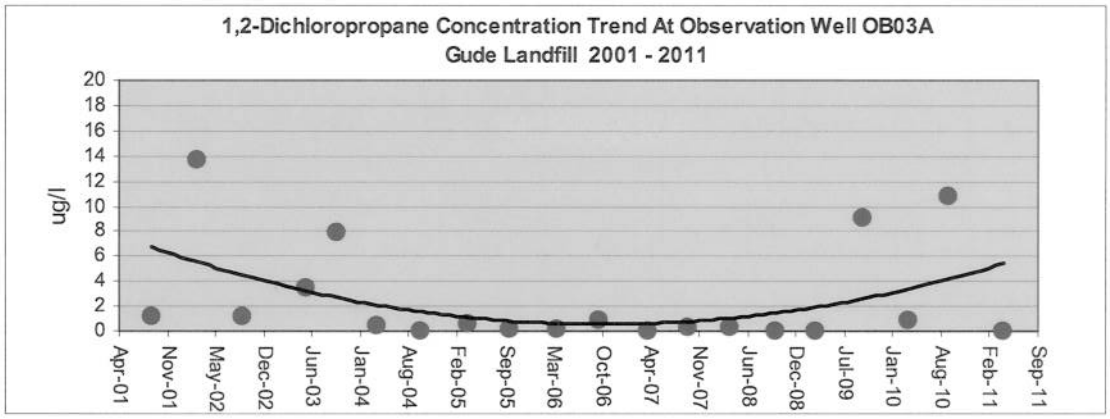

cis-1,2-Dichloroethene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2011
ug/l
300
250
200
150
100
50
0
Sep-02
Mar-03
Oct-03
Apr-04
Nov-04
May-05
Dec-05
Jul-06
Jan-07
Aug-07
Feb-08
Sep-08
Mar-09
Oct-09
May-10
Nov-10
Jun-11

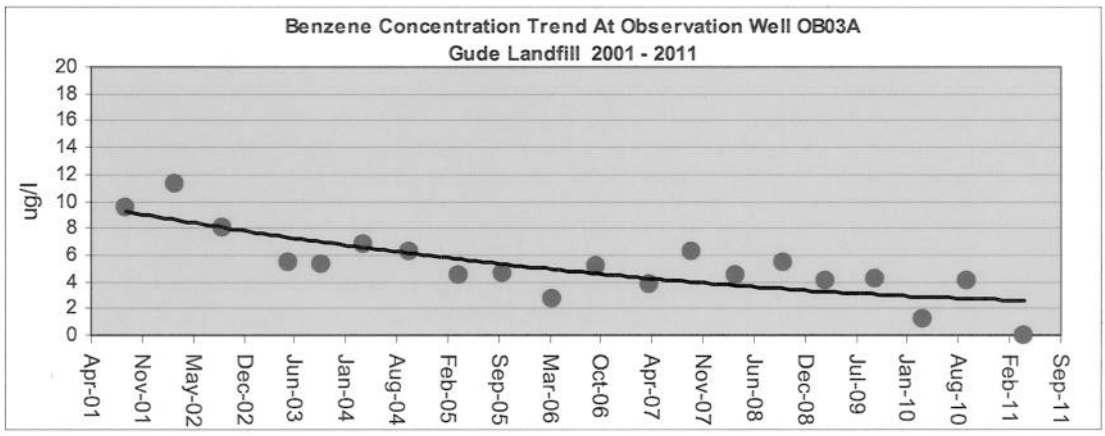

Tetrachloroethene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2011
ug/l
100
90
80
70
60
50
40
30
20
10
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

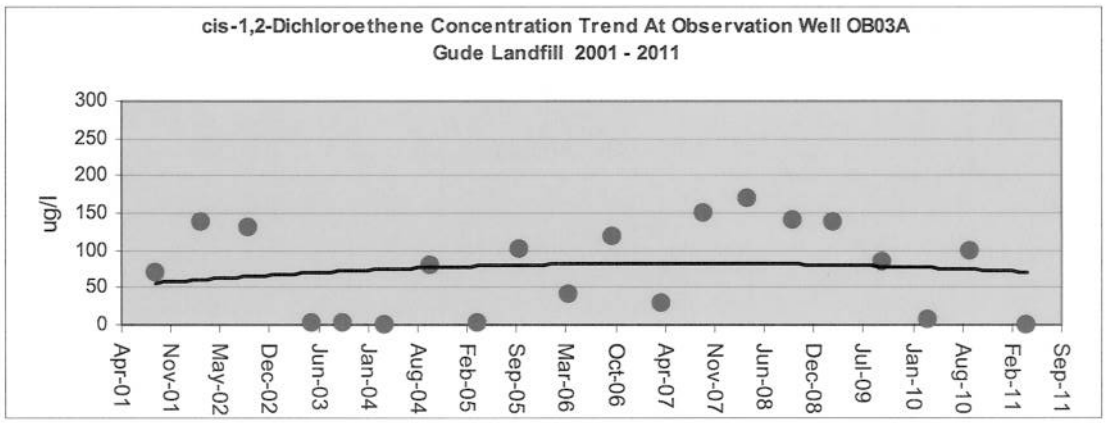

Trichloroethene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2011
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

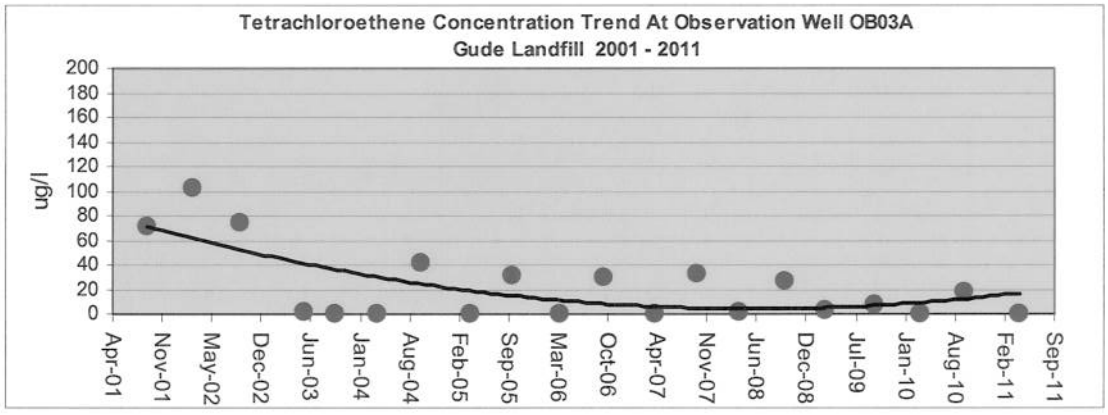

Vinyl Chloride Concentration Trend At Observation Well OB03
Gude Landfill 2004 - 2011
ug/l
50
40
30
20
10
0
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

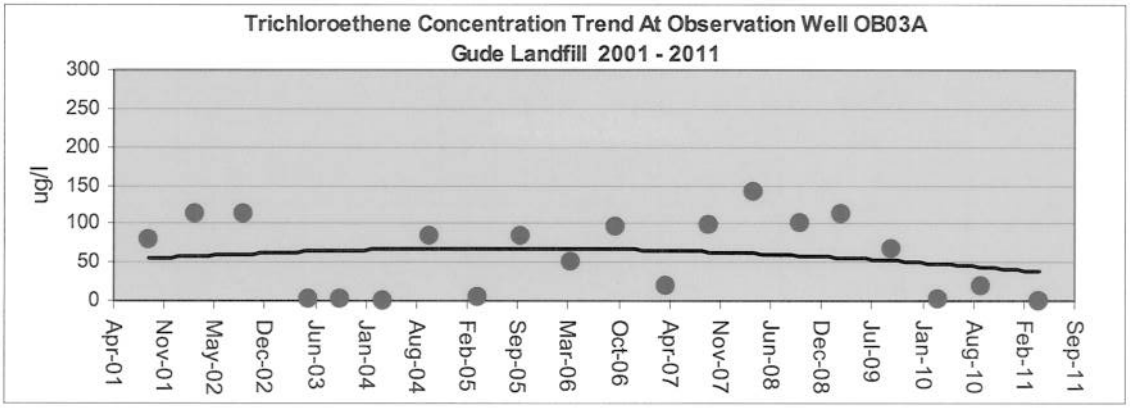

1,1-Dichloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2011
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

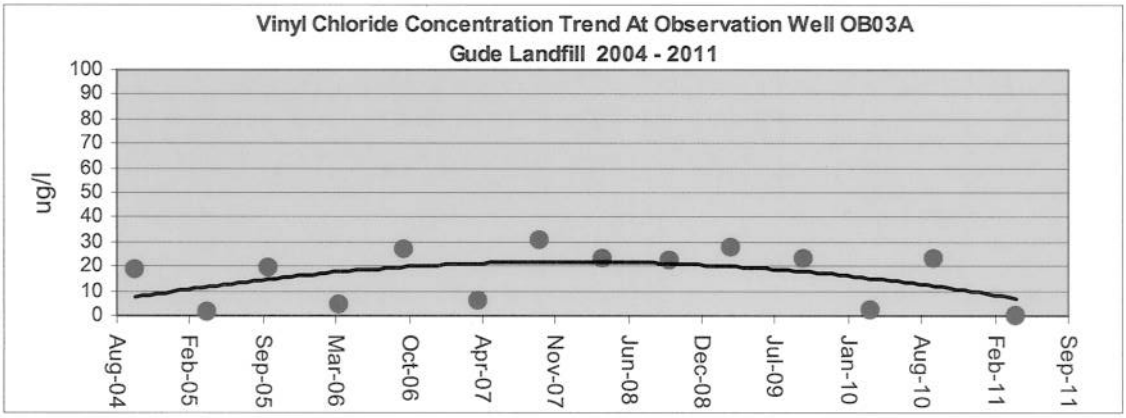

1,2-Dichloropropane Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2011
ug/l
0
2
4
6
8
10
12
14
16
18
20
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

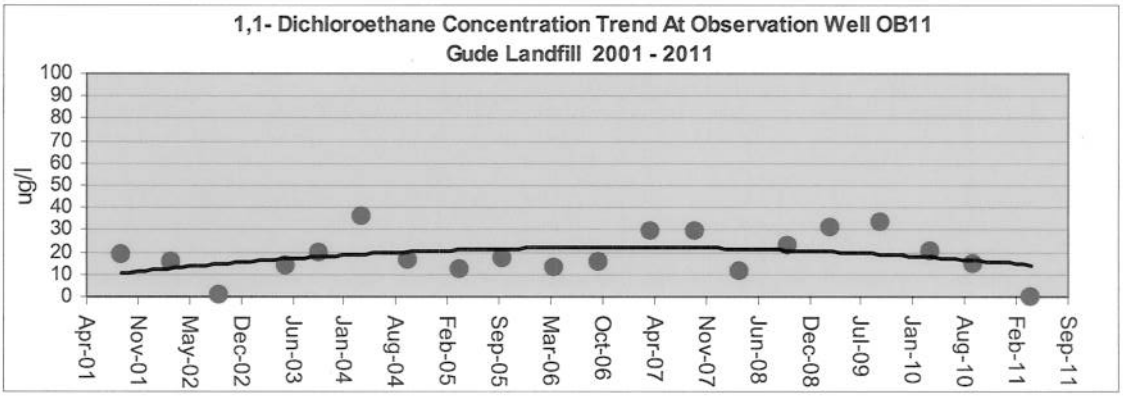

Benzene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2011
ug/l
0
2
4
6
8
10
12
14
16
18
20
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

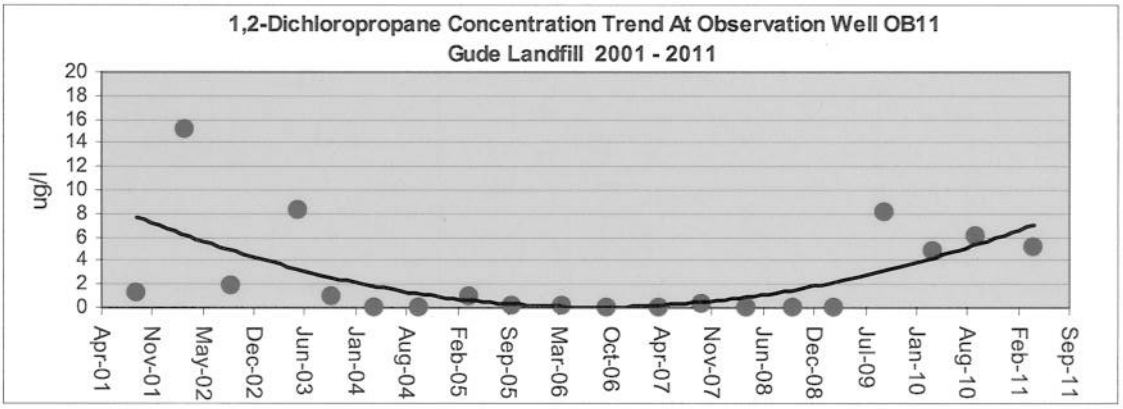

cis-1,2-Dichloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2011
ug/l
0
50
100
150
200
250
300
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

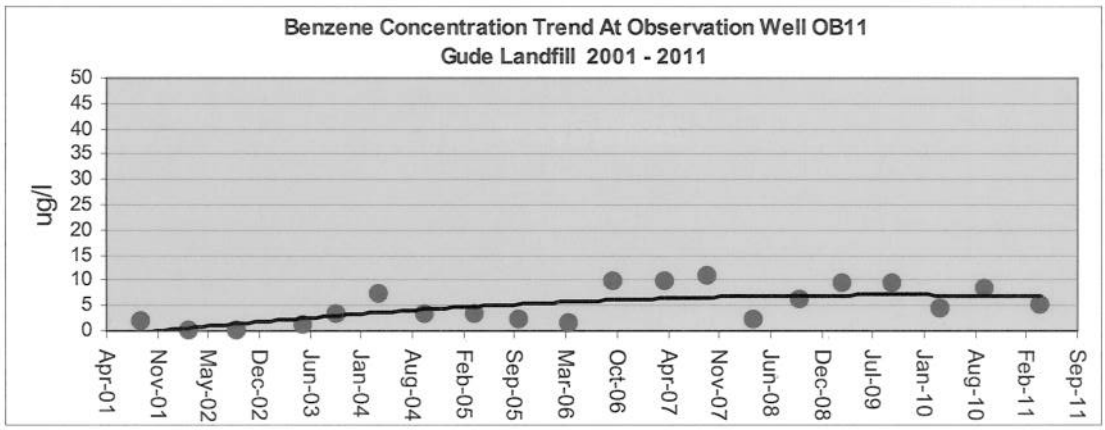

Tetrachloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2011
ug/l
0
20
40
60
80
100
120
140
160
180
200
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

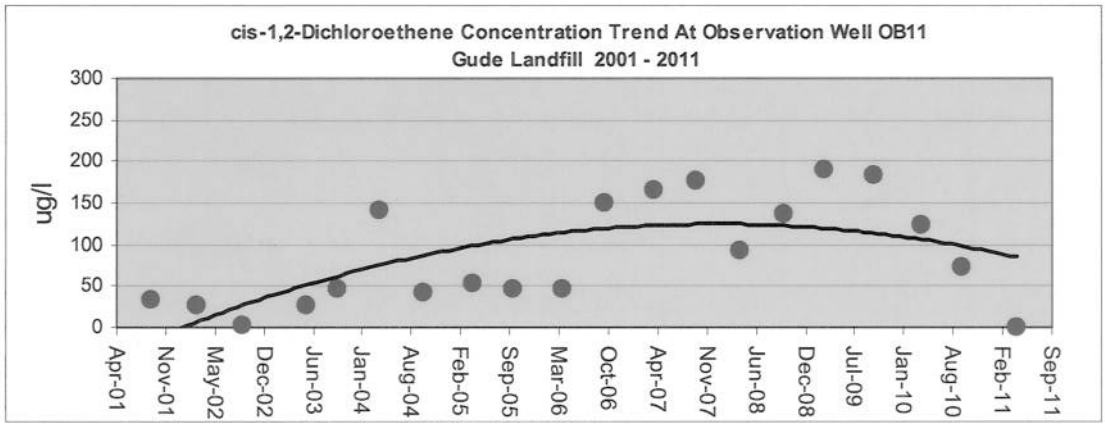

Trichloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2011
ug/l
300
250
200
150
100
50
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

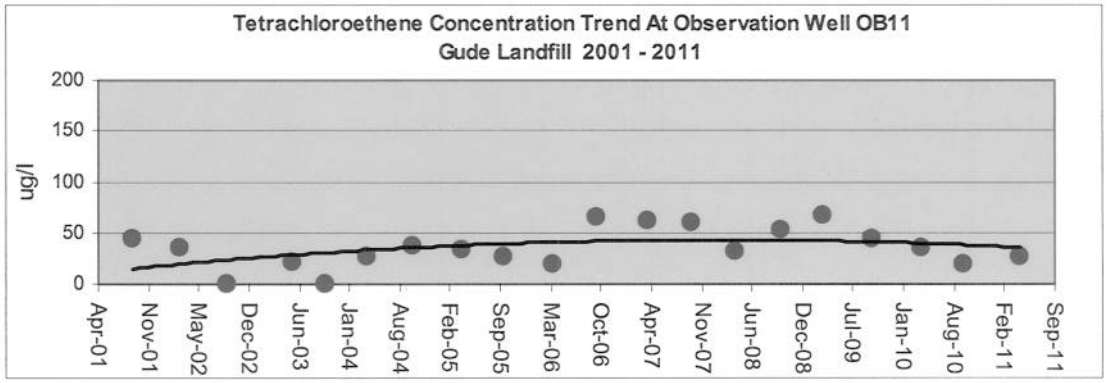

Vinyl Chloride Concentration Trend At Observation Well OB03A
Gude Landfill 2004 - 2011
ug/l
100
90
80
70
60
50
40
30
20
10
0
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

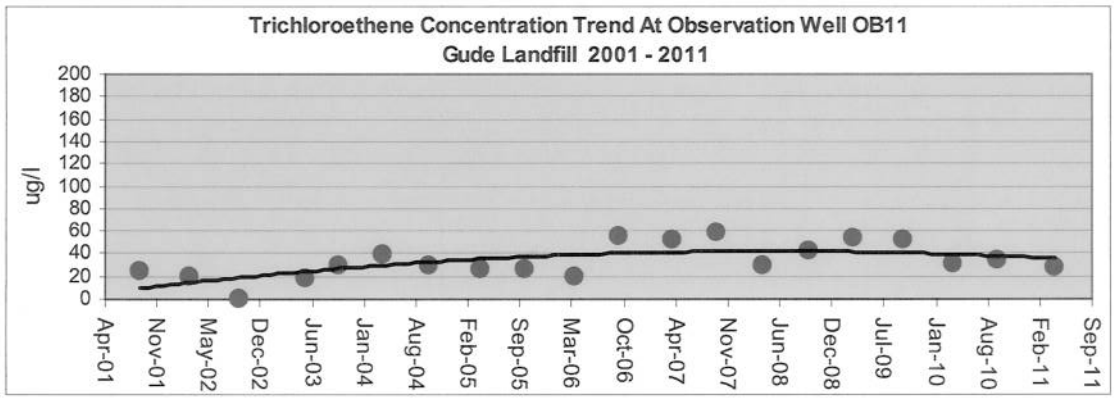

1,1- Dichloroethane Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2011
ug/l
100
90
80
70
60
50
40
30
20
10
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

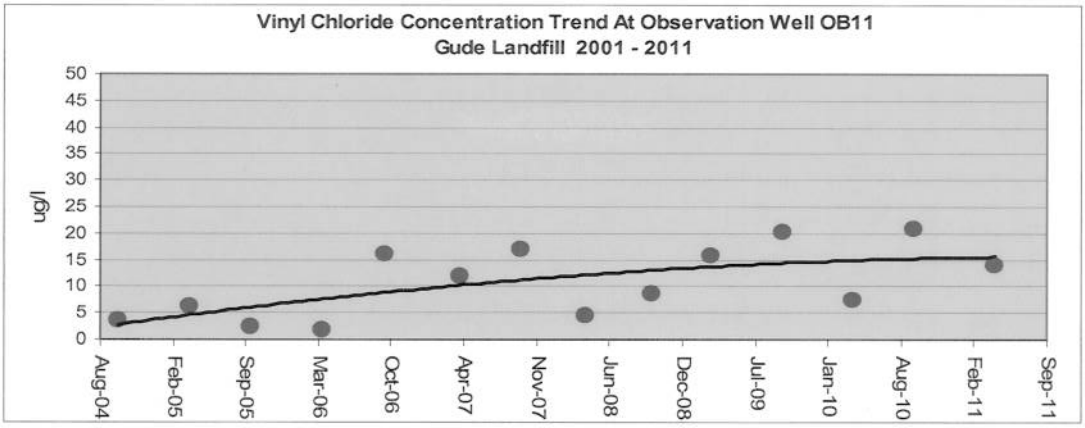

1,2-Dichloropropane Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2011
ug/l
20
18
16
14
12
10
8
6
4
2
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

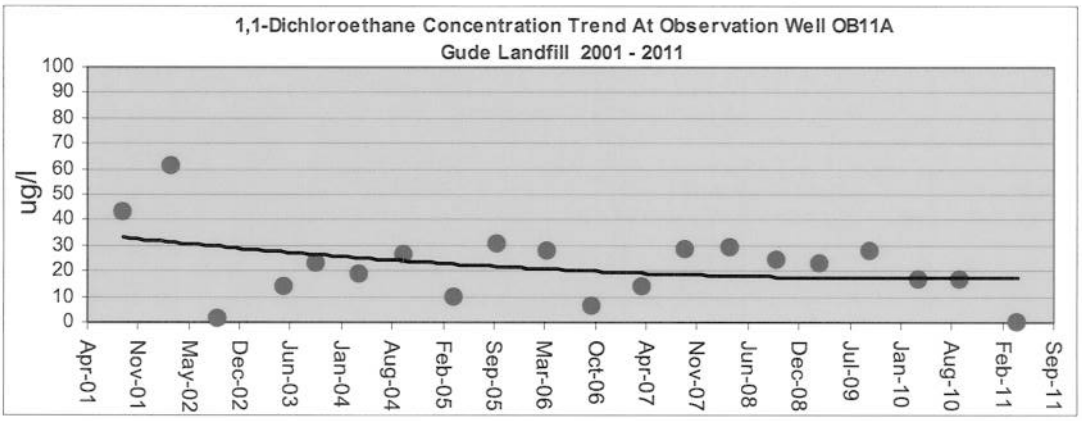

Benzene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2011
ug/l
50
45
40
35
30
25
20
15
10
5
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

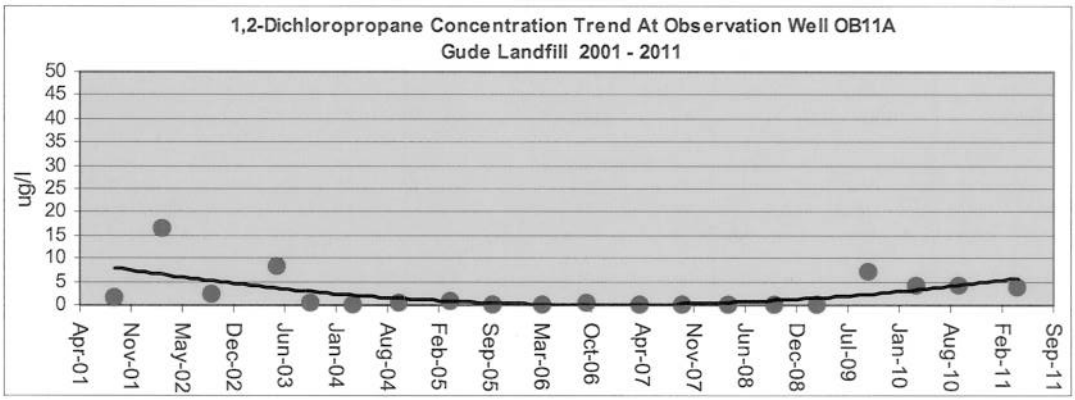

cis-1,2-Dichloroethene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2011
ug/l
300
250
200
150
100
50
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

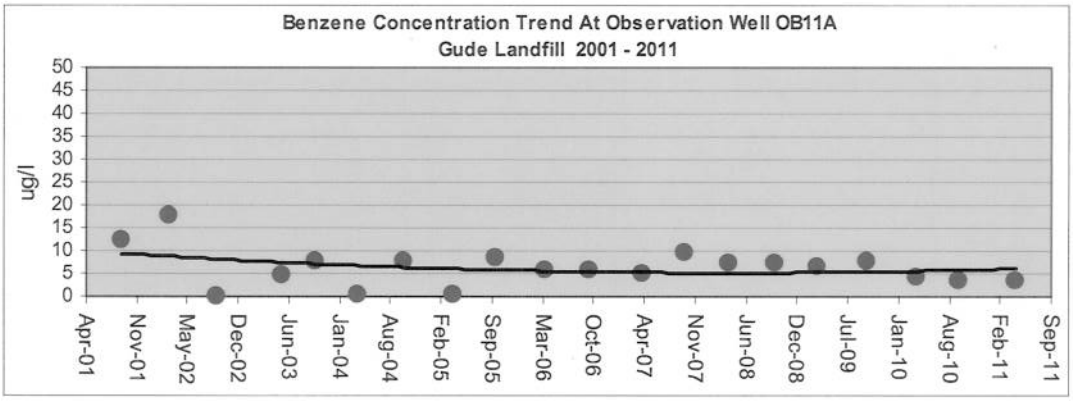

Tetrachloroethene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2011
ug/l
200
150
100
50
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

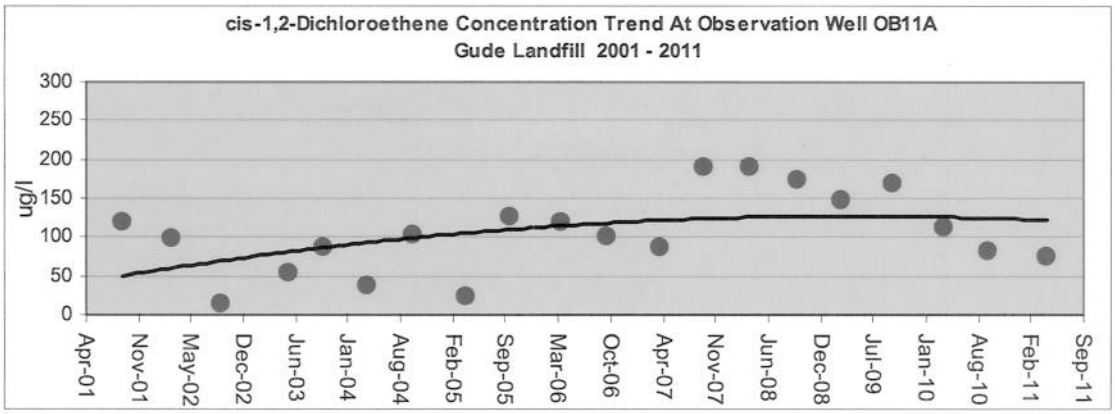

Trichloroethene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2011
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

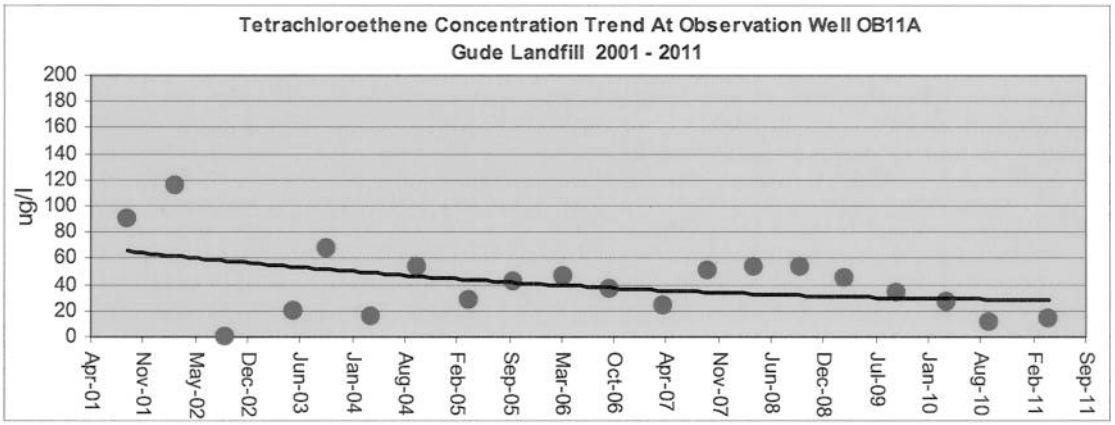

Vinyl Chloride Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2011
ug/l
50
45
40
35
30
25
20
15
10
5
0
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

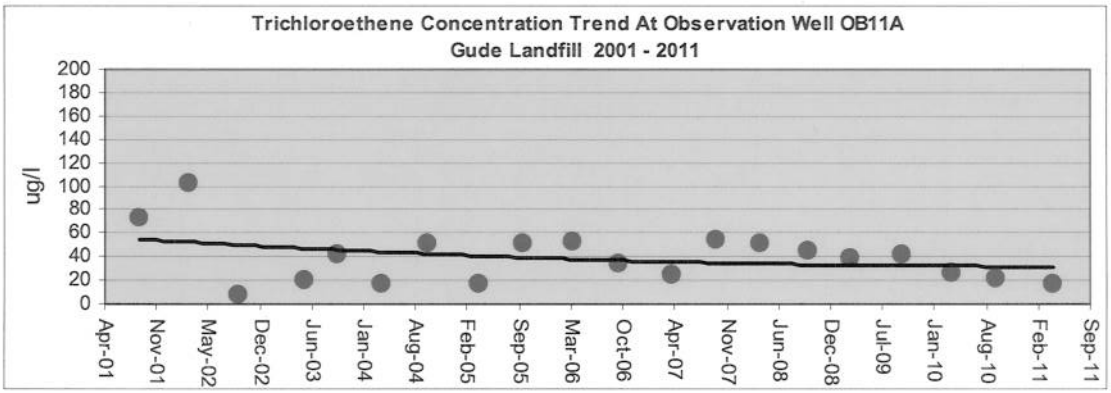

1,1-Dichloroethane Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2011
ug/l
100
90
80
70
60
50
40
30
20
10
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

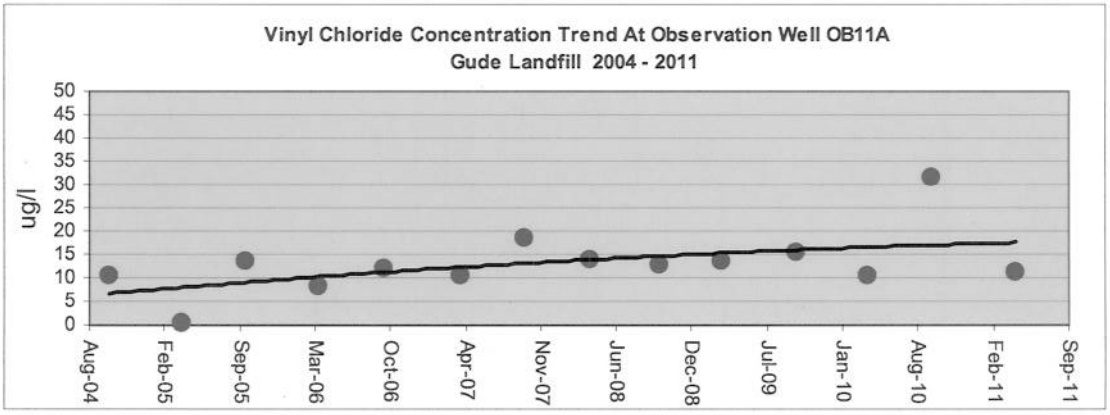

1,2-Dichloropropane Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2011
ug/l
50
45
40
35
30
25
20
15
10
5
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

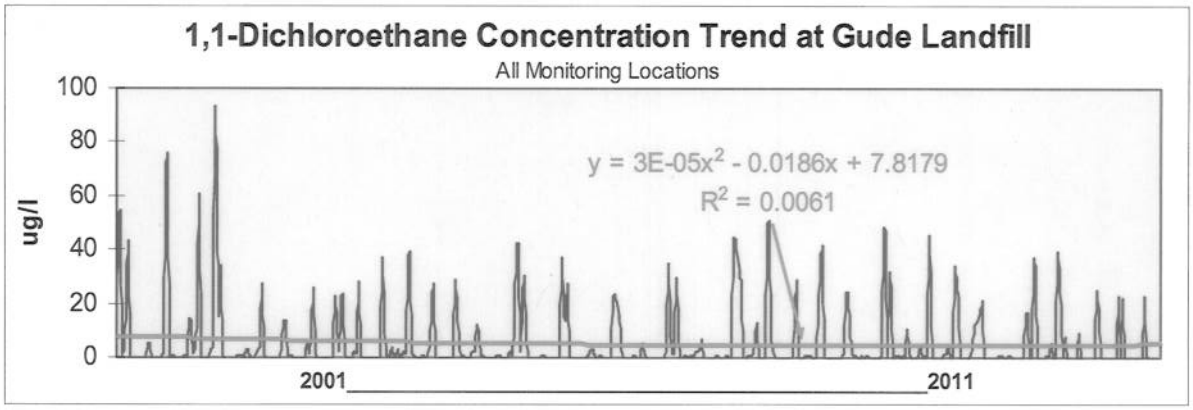

Benzene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2011
ug/l
50
45
40
35
30
25
20
15
10
5
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

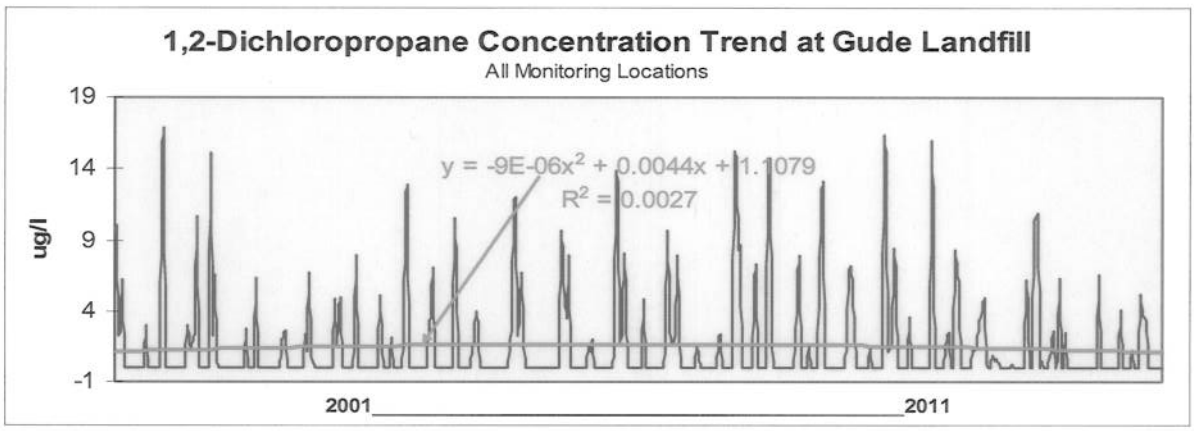

cis-1,2-Dichloroethene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2011
ug/l
300
250
200
150
100
50
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

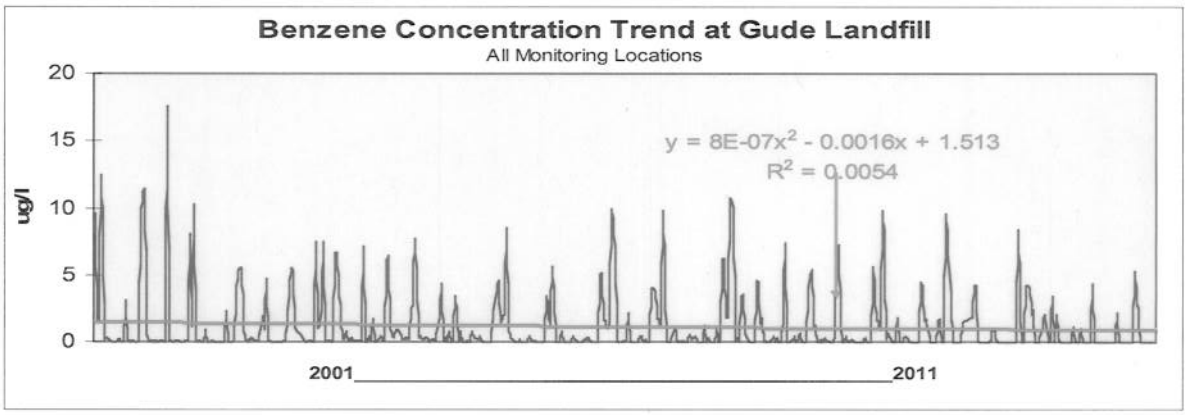

Tetrachloroethene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2011
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

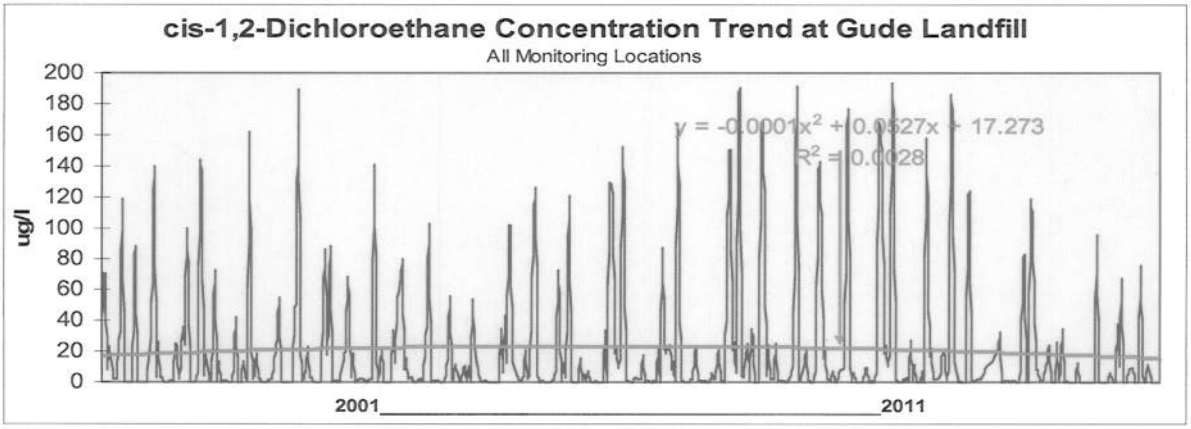

Trichloroethene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2011
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

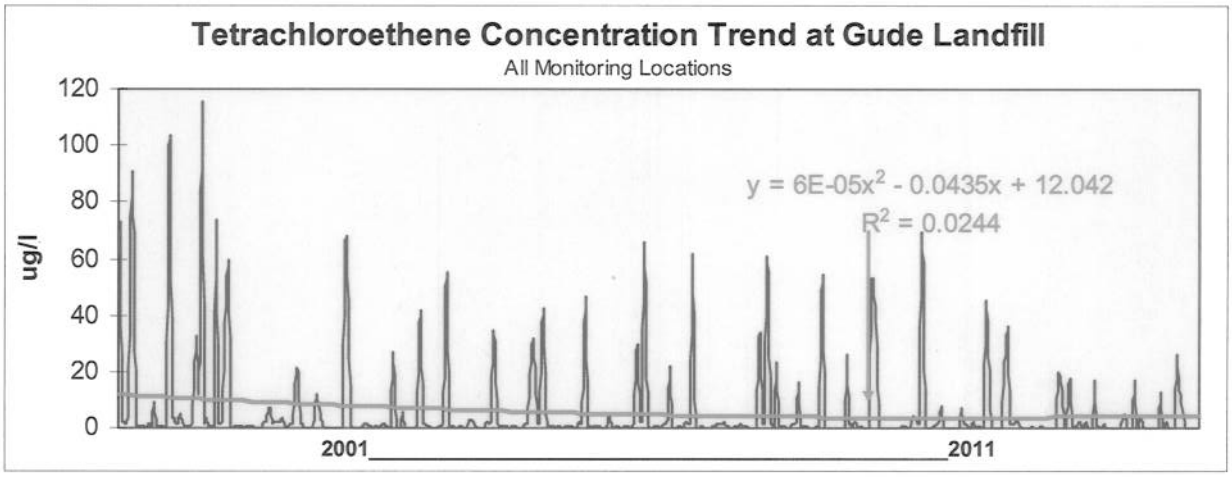

Vinyl Chloride Concentration Trend At Observation Well OB11A
Gude Landfill 2004 - 2011
ug/l
50
45
40
35
30
25
20
15
10
5
0
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11

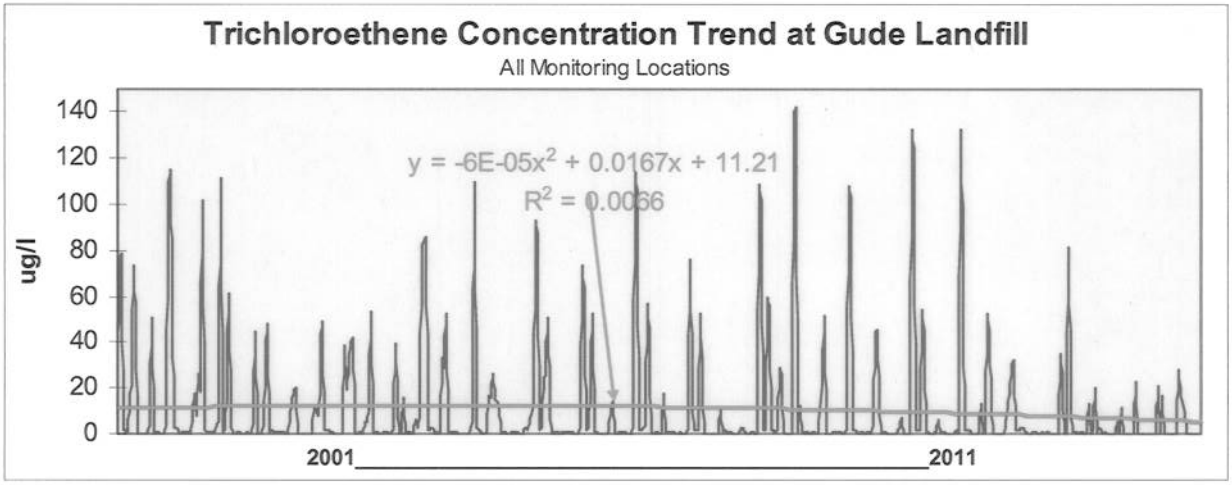

1,1-Dichloroethane Concentration Trend at Gude Landfill
All Monitoring Locations
y = 3E-05x² - 0.0186x + 7.8179
R² = 0.0061
ug/l
100
80
60
40
20
0
2001
2011

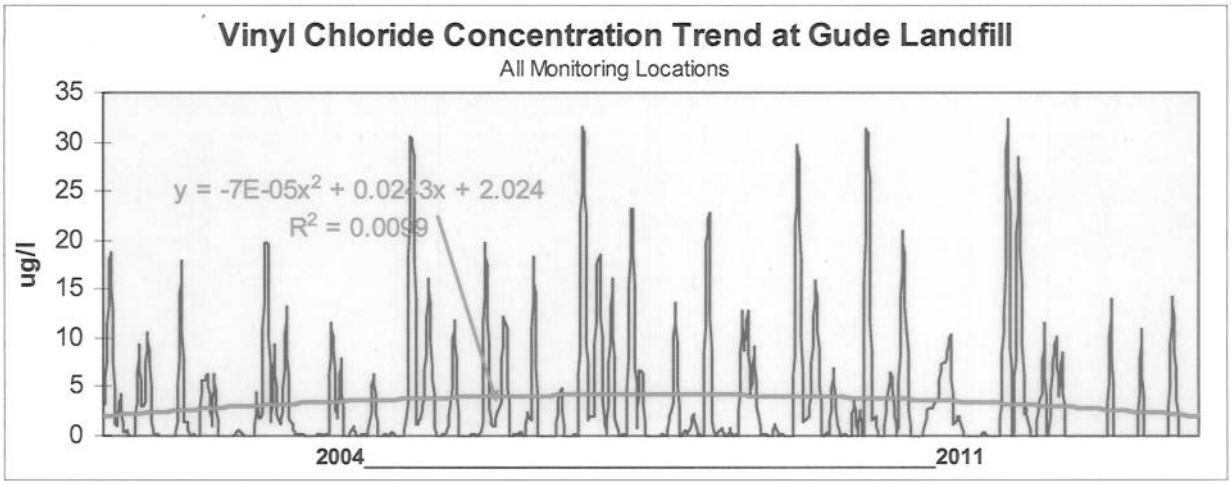

1,2-Dichloropropane Concentration Trend at Gude Landfill
All Monitoring Locations
y = -9E-06x² + 0.0044x + 1.1079
R² = 0.0027
ug/l
19
14
9
4
-1
2001
2011


Benzene Concentration Trend at Gude Landfill
All Monitoring Locations
y = 8E-07x² - 0.0016x + 1.513
R² = 0.0054
ug/l
20
15
10
5
0
2001
2011


cis-1,2-Dichloroethane Concentration Trend at Gude Landfill
All Monitoring Locations
y = -0.0001x² + 0.0527x + 17.273
R² = 0.0028
ug/l
200
180
160
140
120
100
80
60
40
20
0
2001
2011


Tetrachloroethene Concentration Trend at Gude Landfill
All Monitoring Locations
ug/l
120
100
80
60
40
20
0
y = 6E-05x² - 0.0435x + 12.042
R² = 0.0244
2001
2011


Trichloroethene Concentration Trend at Gude Landfill
All Monitoring Locations
ug/l
140
120
100
80
60
40
20
0
y = -6E-05x² + 0.0167x + 11.21
R² = 0.0066
2001
2011


Vinyl Chloride Concentration Trend at Gude Landfill
All Monitoring Locations
ug/l
35
30
25
20
15
10
5
0
y = -7E-05x² + 0.023x + 2.024
R² = 0.0099
2004
2011

Appendix D

Tables of Metals

Results in (mg/l)

Table 3
Metals and Other Water Quality Parameters

Monitoring Location	Parameter	OB01	OB02	OB02A	OB03	OB03A	OB04	OB04A	OB06	OB07	OB07A	OB08	OB08A	OB10	OB102	OB105	OB11	OB11A	OB12	OB15	OB25	ST015
Gude Landfill - SPRING 2011 Results	Alkalinity	93	70	35	267	340	238	133	145	175	112	230	220	116	1008	728	211	292	44	74	282	98
	Ammonia	ND	ND	ND	4.97	7.91	0.695	0.379	0.389	ND	ND	ND	ND	ND	11.1	25.1	ND	2.11	ND	ND	0.629	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	0.0053	ND	ND	ND	ND	ND	ND	0.0061	ND	ND	ND	ND	ND	ND	ND
	Barium	0.182	0.531	0.349	0.736	0.0796	0.264	0.0579	0.536	0.0256	0.0401	0.116	0.099	0.0531	0.349	0.218	0.0301	0.957	0.0211	0.0857	0.195	0.029
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0102	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01	0.0059	ND	ND	ND	ND
	Calcium	76.2	72.2	82.9	69	24.8	154	117	145	114	86.5	62.7	58.1	39.8	124	92.2	134	84.7	34.1	14.8	92.7	27.4
	Chloride	262	47.3	302	220	239	433	473	356	193	216	34.2	45.4	89	578	219	259	211	80.1	4.61	62.3	38.1
	Chromium	ND	ND	ND	ND	ND	ND	ND	0.0199	ND	ND	ND	ND	ND	ND	0.0106	ND	0.0321	ND	0.0053	ND	ND
	Cobalt	0.0147	0.0587	ND	0.0629	ND	ND	ND	0.0101	ND	ND	0.007	0.0146	ND	0.0764	0.0202	ND	0.144	ND	0.0072	0.0244	ND
	COD	6.9	ND	ND	28.8	35	30.7	39.3	38.9	14	16.5	ND	10.2	ND	235	92.4	32.5	33.7	6.9	ND	107	24.8
	Copper	0.0063	ND	0.0053	0.0076	0.0108	0.0367	0.0283	0.0444	ND	ND	0.006	0.006	ND	0.0483	0.0277	0.0078	0.17	ND	0.0119	0.0062	0.0062
	Iron	0.837	25.2	ND	23.6	2.71	ND	0.636	15.5	1.08	0.819	0.718	3.69	0.783	1.69	17.1	1.27	48.4	ND	9.24	1.32	0.863
	Lead	ND	ND	ND	ND	ND	ND	ND	**0.0474**	ND	ND	ND	ND	ND	ND	ND	ND	0.0723	ND	ND	ND	ND
	Magnesium	45.3	59.3	53.4	47.1	15.8	88.1	94.8	63	35.2	49.3	17	20.3	24.9	102	96.5	66.6	55	27	22	70.2	8.5
	Manganese	5.07	10.1	0.0513	18.5	0.982	1.94	1.12	0.862	0.0338	0.07	6.56	8.57	2.68	23.5	1.68	0.869	13.1	0.106	1.78	6.86	0.109
	Mercury	ND	ND	ND	ND	ND	ND	ND	**0.0085**	0.0005	0.0008	ND	ND	ND	ND	0.0003	0.0017	ND	ND	ND	0.0014	ND
	Nickel	0.0307	0.0168	0.011	0.0176	ND	0.0132	0.0193	0.0245	ND	ND	0.0077	0.0071	0.0063	0.092	0.0258	0.0331	0.0701	0.0084	0.0149	0.0183	0.0052
	Nitrate	1.79	ND	0.543	ND	ND	ND	ND	0.758	0.861	0.902	ND	ND	ND	ND	0.99	ND	ND	1.59	ND	1.33	0.401
	Nitrate+Nitrite	1.8	ND	0.553	ND	ND	ND	ND	0.926	0.911	0.952	ND	ND	ND	ND	1.04	ND	ND	1.64	ND	1.38	0.451
	Nitrite	ND	ND	ND	ND	ND	ND	ND	0.168	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	3.81	13.7	5.2	10.1	4.68	7.29	5.92	6.2	3.24	2.3	2.91	2.77	3.28	39.8	61.3	4.82	13.7	3.24	2.29	7.24	3.48
	Selenium	ND	ND	ND	ND	ND	0.0193	0.0223	0.0201	0.0071	0.0095	ND	ND	ND	0.0237	0.0102	0.0061	0.0185	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	58.2	111	31.6	74.2	14.4	74.4	100	80.3	21.3	25.6	28.7	30.8	18.4	561	202	67.9	38.5	27.9	36.1	100	28
	Sulfate	26.8	4.24	17.8	41.4	58.4	19.6	11.5	85.7	20.4	22.6	ND	ND	ND	74.3	139	9.48	17	4.78	78.9	32.1	7.19
	TDS	856	336	288	784	980	1428	1356	1192	800	796	280	340	456	2308	1320	1116	908	120	420	532	204
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Hardness	364	130	391	3600	580	717	592	553	407	390	265	370	230	775	576	563	524	182	114	450	95
	Turbidity	1.96	33.3	0.416	2.81	13.6	0.421	5.83	3800	0.939	0.579	0.735	1.36	0.443	23.7	240	0.733	0.83	0.167	96.8	15050	25.6
	Vanadium	ND	ND	ND	ND	ND	ND	ND	0.0213	ND	ND	ND	ND	ND	ND	0.0194	ND	0.0919	ND	ND	ND	ND
	Zinc	0.0116	0.0077	0.0082	0.0148	0.0147	0.0083	0.021	0.0997	ND	0.0052	0.0077	0.0078	0.0057	0.0135	0.153	0.043	0.267	0.0077	0.0544	0.0216	0.0131

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

Table 3
Metals and Other Water Quality Parameters

Gude Landfill - SPRING 2011 Results	Monitoring Location / Parameter	ST120	ST65	ST70	ST80	MW1B	MW2A	MW2B	MW3A	MW3B	MW04	MW06	MW07	MW08	MW09	MW10	MW11A	MW11B	MW12	MW13A	MW13B
	Alkalinity	60	243	105	32	49	40	37	24	110	60	264	42	480	110	75	27	69	16	224	720
	Ammonia	ND	ND	0.477	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.94	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	0.046	0.0556	0.0498	0.0387	0.0081	0.0299	0.0095	0.0519	0.237	0.0431	0.303	0.0674	0.177	0.156	0.124	0.274	0.0194	0.749	0.199	0.073
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	23.1	33.9	32.5	11.8	8.18	7.78	8.72	6.1	63	35.5	73.9	46.5	114	14.9	14.2	14.8	15.4	78.8	23.8	80.5
	Chloride	102	99.6	79.8	27.1	ND	2.74	ND	2.94	4.59	138	200	119	207	10.9	19.4	10.9	4.79	371	83.5	84.7
	Chromium	ND	ND	ND	ND	ND	0.0085	ND	0.0067	0.018	ND	ND	ND	ND	0.032	ND	0.0273	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	0.0108	0.027	ND	0.322	ND	ND	0.016	ND	0.0181	ND	ND	0.0079	ND
	COD	15.1	35.1	18.5	14.6	6.5	7.5	ND	ND	22.4	ND	17.3	15	26.3	ND	36.6	ND	ND	ND	ND	9.6
	Copper	0.0052	0.0067	0.0066	0.0068	ND	0.0118	ND	0.018	0.0533	ND	0.0157	0.01	0.0145	0.0174	0.0123	0.026	ND	0.0111	0.0121	ND
	Iron	0.661	0.657	1.04	1.44	0.651	3.14	ND	5.99	9.62	1.21	2.9	0.517	1.69	16.7	ND	12.1	ND	2.59	3.32	ND
	Lead	ND	ND	ND	ND	ND	0.0055	ND	0.0089	0.041	ND	0.0101	ND	ND	0.0132	ND	0.0156	ND	ND	ND	ND
	Magnesium	14.2	26.9	13.6	5.73	4.58	3.75	2.84	3.68	10.6	25.8	54.9	28.1	90.9	13.2	9.1112	11.2	6.63	43.1	20.7	31.4
	Manganese	0.126	0.143	0.185	0.149	0.0495	0.173	0.063	0.343	1.26	0.138	54	0.761	0.144	0.689	0.044	0.738	0.012	0.138	0.302	0.0323
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0004	ND	ND	ND	ND	ND	ND	ND	0.0003	ND
	Nickel	0.0098	0.0095	0.0086	0.0055	ND	0.0092	ND	0.0067	0.031	0.0108	0.0339	0.0064	0.0082	0.0274	ND	0.0277	ND	0.0113	0.01	ND
	Nitrate	0.787	0.392	0.831	0.856	ND	ND	ND	ND	ND	0.378	ND	14.59	13.85	1.25	ND	1.1	2.33	4.38	2.29	1.62
	Nitrate+Nitrite	0.837	0.442	0.881	0.906	ND	ND	ND	ND	0.248	0.388	ND	14.6	13.9	1.26	ND	1.15	2.34	4.39	2.3	1.63
	Nitrite	ND	ND	ND	ND	ND	ND	ND	ND	0.071	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	2.51	14.8	4.15	2.16	1.15	2.32	1.58	1.98	9.54	3.56	2.94	3.81	19.1	7.41	1.26	1.87	0.888	5.14	3.03	4.07
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0113	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	53.7	121	45.6	14.6	8.37	7.07	5.22	4.12	107	30.2	63.1	32.6	139	3.75	10.1	4.21	9.1	104	16.1	18.2
	Sulfate	7.5	26.6	12.8	6.57	ND	ND	ND	ND	165	ND	58.7	12.4	68.5	ND	8.3	6.28	ND	14.3	ND	ND
	TDS	372	524	312	144	92	112	56	60	472	552	868	552	1136	172	140	72	132	1184	324	572
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Hardness	113	180	128	46	36	25	24	14	66	200	1720	219	600	48	70	36	66	356	128	313
	Turbidity	3.86	8.26	10.7	91.8	39.4	117.6	1.29	151.5	2130	13.2	1540	6.06	22.7	398	3140	1600	4.99	57.4	56.8	0.364
	Vanadium	ND	ND	ND	ND	ND	ND	ND	0.01	0.0279	ND	ND	ND	ND	0.0285	ND	0.0093	ND	ND	0.0099	ND
	Zinc	0.0089	0.006	0.0145	0.0095	0.0069	0.0229	0.008	0.0275	0.108	0.0078	0.0516	0.0119	0.0143	0.0777	0.132	0.0938	ND	0.0352	0.0194	ND

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Table 4

Metals and Other Water Quality Parameters - Long Term Summary

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location OB01	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	104	95	103	93
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Antimony	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	NT	ND	ND	ND	ND	ND
	Barium	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	0.182
	Beryllium	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	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	64.9	67.6	68.2	76.2
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	196	204	241	262
	Chromium	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Cobalt	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	0.0101	0.0147
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	5.1	6.9
	Copper	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	0.0094	0.0063
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	330	320	0.469	0.837
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Lead	ND	ND	ND	ND	ND	ND	ND	0.0025	ND	ND	ND	ND	NT	ND	ND	ND	38.9	45.3
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	36	40.3	3.95	5.07
	Manganese	0.1055	0.2826	0.7486	0.0745	0.845	0.1334	0.8516	ND	1.231	NT	NT	NT	NT	NT	2.77	3.17	ND	ND
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0004	ND	ND	NT	ND	ND	ND	0.0304	0.0307
	Nickel	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	1.79
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.67	1.94	1.91	1.8
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.82	5.08	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.52	3.64	3.36	3.81
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	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	47.4	54.5	51.8	58.2
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	855.9	920.7	26.6	26.8
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	26.4	24.9	ND	856
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	776	912	1176	ND
	Thallium	ND	ND	ND	ND	ND	ND	0.0013	ND	ND	ND	ND	ND	NT	ND	ND	ND	350	364
	Turbidity	0.9	3.2		NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.186	0.18	0.98	1.96
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0157	0.0084	0.0161	NT	0.012	ND	0.013	0.0107	0.0116

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Monitoring Location	Parameter	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	Spring 2011
Monitoring Location OB02	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	67	57	72	70
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Antimony	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	NT	ND	ND	ND	ND	ND
	Barium	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	0.531
	Beryllium	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	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	60.6	73.9	39.1	72.2
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	212	264	90	47.3
	Chromium	0.0026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	0.003	ND	0.0034	ND	0.0055	ND	0.0049	0.0065	ND	ND	ND	ND	0.0057	0.0071	ND	0.0587
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Copper	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	0.0069	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	350	376	0.818	25.2
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.66	2.59	ND	ND
	Lead	0.0034	ND	ND	ND	ND	ND	0.0049	0.0022	ND	ND	ND	ND	ND	ND	ND	ND	17.7	59.3
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	32.2	43.3	1.24	10.1
	Manganese	0.437	0.1219	1.429	0.5523	1.252	0.2375	1.3188	0.1466	1.314	NT	NT	NT	NT	NT	1.21	1.34	ND	ND
	Mercury	ND	ND	ND	ND	ND	0.1694	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0168
	Nickel	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	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.27	5.35	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.91	7.07	4.43	13.7
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	22.6	30.6	17.8	111
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	665	910.3	7.38	4.24
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.5	14.9	ND	336
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	780	1008	388	ND
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	169	130
	Turbidity	5	3.4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.3	6.4	2.6	33.3
	Vanadium	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	0.017	0.0176	0.0049	0.0074	0.0091	ND	0.0187	0.0053	0.0077

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Monitoring Location	Parameter	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	Spring 2011
Monitoring Location OB02A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	38	36	40	35
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0033	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Barium	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	0.349
	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	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	77.5	76.4	87.1	82.9
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	280	286	310	302
	Chromium	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
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Copper	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	0.0077	0.0053
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	390	353	0.682	ND
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.414	0.6	ND	ND
	Lead	0.0063	ND	ND	ND	ND	ND	ND	0.0031	ND	ND	ND	ND	ND	ND	ND	ND	52.3	53.4
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	46.4	44.4	0.0449	0.0513
	Manganese	0.1027	0.0345	0.0217	0.0327	0.0366	0.0313	0.0303	0.0128	NT	NT	NT	NT	NT	NT	0.0381	0.0382	ND	ND
	Mercury	ND	ND	ND	ND	ND	**0.0482**	ND	0.0013	ND	ND	ND	ND	ND	ND	ND	ND	0.012	0.011
	Nickel	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	0.543
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.5894	0.582	0.639	0.553
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.75	4.77	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.73	4.1	4.69	5.2
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	31.2	32.5	35	31.6
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	636.7	925.5	25.4	17.8
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	22.4	16.2	ND	288
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1088	1072	1192	ND
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	420	391
	Turbidity	3	2.8	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.83	1.16	0.891	0.416
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0068	0.0156	ND	ND	0.0131	ND	0.00713	0.0081	0.0082

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Monitoring Location OB03	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	265	321	242	267
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.39	6.46	2.9	4.97
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Arsenic	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	0.055	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	0.736
	Beryllium	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	0.0039	ND	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	59.9	80.3	62.3	69
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	134	193	155	220
	Chromium	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Cobalt	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	0.0659	0.0629
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.6	34.9	10.1	28.8
	Copper	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	0.0124	0.0076
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	690	700	25	23.6
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	28.8	34.6	ND	ND
	Lead	0.0031	0.0041	0.0029	0.0036	ND	0.003	0.0027	0.0031	0.02	ND	ND	ND	ND	ND	ND	ND	35.6	47.1
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	33.2	52.8	21.3	18.5
	Manganese	0.2459	15.97	9.801	18.17	19.31	20.5775	19.79	20.7743	16.74	NT	NT	NT	NT	NT	18.5	18.8	ND	ND
	Mercury	ND	ND	0.0003	ND	ND	0.005	0.0024	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0197	0.0176
	Nickel	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	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.19	4.74	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.2	10.9	6.94	10.1
	Selenium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Silver	ND	0.0021	ND	ND	0.0048	0.0046	ND	ND	ND	ND	ND	ND	ND	0.0154	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	35.9	92.8	41.6	74.2
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	902	1405	16.7	41.4
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.84	31.4	ND	784
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	564	984	676	ND
	Thallium	ND	ND	ND	ND	0.0012	0.0012	ND	ND	ND	ND	ND	0.0015	ND	ND	ND	ND	400	3600
	Turbidity	136	3.7	248	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	11	24.4	22.9	2.81
	Vanadium	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	0.0126	0.0253	0.0208	ND	0.0336	ND	0.0118	0.0165	0.0148

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Monitoring Location OB03A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	317	461	270	340
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.47	8.93	4.35	7.91
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	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	0.4366	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	0.0796
	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	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	69.4	91.6	66	24.8
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	194	164	176	239
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	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	0.0684	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	19.1	38.5	12.1	35
	Copper	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	0.0108
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	700	670	31	2.71
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	39.4	49.3	ND	ND
	Lead	ND	ND	ND	ND	ND	ND	ND	0.0026	ND	ND	ND	ND	ND	ND	ND	ND	41.6	15.8
	Magnesium	18.79	3.107	5.824	2.812	17.89	2.9275	17.88	14.2709	15.08	NT	NT	NT	NT	NT	44.4	66.8	16.4	0.982
	Manganese	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.3	6.35	ND	ND
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0194	ND
	Nickel	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	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.76	4.98	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.4	19.2	9.18	4.68
	Selenium	ND	0.004	0.0021	ND	ND	0.0029	ND	ND	ND	0.003	ND	ND	ND	ND	0.0024	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	70.3	132	58.5	14.4
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1023	1661	26.9	58.4
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	33.5	75.4	ND	980
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	780	1112	704	ND
	Thallium	0.0019	ND	ND	ND	0.0013	ND	0.0012	ND	ND	ND	ND	ND	ND	ND	ND	ND	360	580
	Turbidity	9.3	463	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	39.4	271	13.3	13.6
	Vanadium	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	0.0064	0.017	0.0134	0.0272	0.0272	0.0182	0.0182	0.011	0.00872	0.0131	0.0147

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

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location OB04	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	221	242	255	238
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.328	0.542	0.514	0.695
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0138	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0034	ND	0.0055	ND
	Barium	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	0.264
	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	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	154	160	159	154
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	412	193	424	433
	Chromium	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
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	26.3	25.2	29.8	30.7
	Copper	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	0.0418	0.0367
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	670	610	1.2	ND
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.343	1.13	ND	ND
	Lead	0.0039	ND	ND	ND	ND	ND	ND	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	81	88.1
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	75.1	83.7	1.84	1.94
	Manganese	0.366	0.2437	0.4449	0.215	0.6462	0.0306	0.7021	0.1073	1.2	NT	NT	NT	NT	NT	1.32	1.81	ND	ND
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0145	0.0132
	Nickel	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	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.71	5.3	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.32	6.52	6.45	7.29
	Selenium	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	0.0219	0.0193
	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	71	77.6	73.8	74.4
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1673	1758	28.4	19.6
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	18.8	21.1	ND	1428
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1348	1772	1760	ND
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	680	717
	Turbidity	4.6	2.6	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.07	0.24	0.632	0.421
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.007	0.0058	0.0167	ND	0.0138	ND	0.00761	0.0078	0.0083

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Monitoring Location	Parameter	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	Spring 2011
Monitoring Location OB04A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	125	142	135	133
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.301	0.366	0.281	0.379
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0192	0.0039	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0036	ND	0.0061	0.0053
	Barium	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	0.0539	0.0579
	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	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	109	116	113	117
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	438	311	468	473
	Chromium	0.0032	ND	ND	ND	ND	ND	ND	ND	0.0022	ND	0.0026	ND	ND	ND	0.0021	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	31.3	26.4	29.5	39.3
	Copper	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	0.0324	0.0283
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	570	550	1.24	0.636
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.998	1.57	ND	ND
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	80.3	94.8
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	71.9	86.1	1.13	1.12
	Manganese	0.4699	0.5439	0.4973	0.6448	0.6915	0.6969	0.3169	0.6662	0.6592	NT	NT	NT	NT	NT	0.969	1.07	ND	ND
	Mercury	ND	ND	ND	ND	ND	0.0799	ND	ND	ND	ND	ND	0.0004	ND	ND	0.0003	ND	0.0207	0.0193
	Nickel	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	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.82	4.84	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.93	5.25	4.92	5.92
	Selenium	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	0.0243	0.0223
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0026	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	89.1	101	91.9	100
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1943	1678	12.8	11.5
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.1	12.9	ND	1356
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1200	1764	1672	ND
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	600	592
	Turbidity	1	1.4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.3	16.8	16.3	5.83
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	0.0273	0.0321	NT	NT	NT	NT	NT	NT	NT	0.0166	0.017	0.0201	0.0273	0.0321	0.024	0.0227	0.0214	0.021

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Metals and Other Water Quality Parameters - Long Term Summary

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location OB06	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	150	170	220	145
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	0.389
	Antimony	ND	ND	ND	ND	ND	ND	0.0033	ND	ND	0.0034	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0125	ND	ND	ND	ND	ND	ND	ND	0.003	0.0027	ND	0.0027	ND	ND	0.0032	ND	0.0067	ND
	Barium	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	0.536
	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	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	148	147	126	145
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	356	222	360	356
	Chromium	0.0043	ND	ND	ND	ND	ND	ND	ND	0.0104	ND	0.0768	ND	ND	0.0127	0.0021	0.021	**0.127**	0.0199
	Cobalt	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	0.0326	0.0101
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	68	55.1	31.5	38.9
	Copper	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	0.0444
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	580	560	111	15.5
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.7	29.2	**0.0503**	**0.0474**
	Lead	0.0023	ND	ND	ND	ND	ND	0.0028	ND	0.0048	ND	**0.0491**	ND	ND	ND	ND	0.0126	78.8	63
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	56.6	64.4	1.57	0.862
	Manganese	0.1885	0.352	0.2544	0.2995	0.3857	0.3813	0.4155	0.4181	0.4954	NT	NT	NT	NT	NT	0.482	0.668	0.0015	**0.0085**
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0005	0.0003	ND	ND	ND	**0.00286**	0.131	0.0245
	Nickel	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	0.758
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.6869	0.6679	1.06	0.926
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.62	5.69	0.19	0.168
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.82	6.71	28.8	6.2
	Selenium	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	0.0201
	Silver	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	0.0088	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	83.3	92	70.4	80.3
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1564	1571	81.7	85.7
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	82.9	85.1	ND	1192
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1116	1388	1784	ND
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0031**	ND	ND	ND	ND	ND	550	553
	Turbidity	3.1	1.7	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	21.7	533	3329	3800
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	0.0069	ND	0.0724	ND	ND	ND	ND	0.0204	0.133	0.0213
	Zinc	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	0.0997

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Monitoring Location	Parameter	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	Spring 2011
Monitoring Location OB07	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	163	161	184	175
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.0333	0.0256
	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	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	99.5	105	102	114
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	150	48.8	171	193
	Chromium	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
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	13.6	ND	14
	Copper	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	0.0132	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	331	350	2.14	1.08
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.262	1.07	ND	ND
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0031	ND	ND	ND	ND	ND	28.5	35.2
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	26.1	29.7	0.221	0.0338
	Manganese	0.0344	0.0085	ND	ND	0.0043	0.0038	0.0232	0.0772	0.0479	NT	NT	NT	NT	NT	0.0317	0.281	0.0003	0.0005
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	0.0003	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0031	ND	ND	ND	ND	ND	ND	0.0022	ND	0.0024	0.0056	0.0022	ND	ND	0.0047	0.0057	0.658	0.861
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.5482	0.5966	0.708	0.911
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.04	5.95	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.07	3.23	3.13	3.24
	Selenium	0.0089	0.0025	ND	ND	ND	ND	ND	0.0042	ND	0.0029	0.0054	0.0028	ND	ND	0.0044	ND	0.0058	0.0071
	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	21.4	23.3	21.9	21.3
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	760	828.1	19.2	20.4
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.4	15.2	ND	800
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	644	764	1068	ND
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	360	407
	Turbidity	3.4	3.5	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.283	14.3	40.7	0.939
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	0.0075	0.023	ND	ND	ND	ND	ND	0.0126	0.0112	ND

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

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location OB07A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	124	92	115	112
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0036	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.0401
	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	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	91.8	55.8	72	86.5
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	235	74.5	205	216
	Chromium	0.0074	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0041	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0025	0.0027	ND	ND	ND	0.0059	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	17.8	6.1	9.7	16.5
	Copper	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	0.0078	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	420	205	0.5	0.819
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.239	ND	ND	ND
	Lead	ND	ND	ND	ND	ND	ND	ND	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	41.6	49.3
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	51.2	21.7	0.0954	0.07
	Manganese	1.076	0.1699	0.0904	0.3046	0.0437	0.0237	0.2041	0.1168	0.0692	NT	NT	NT	NT	NT	0.0592	0.753	0.0005	0.0008
	Mercury	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	ND
	Nickel	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	0.902
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.8907	ND	0.903	0.952
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.51	5.94	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.66	7.32	2.56	2.3
	Selenium	0.0103	0.0024	ND	ND	0.0022	ND	ND	0.0042	ND	0.0034	0.0044	0.0032	ND	ND	0.0083	ND	0.0064	0.0095
	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	30.2	23.8	26.1	25.6
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	706.7	565.4	21.6	22.6
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	22.4	3.38	ND	796
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	784	492	1176	ND
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	350	390
	Turbidity	2.4	5.2	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.317	6.85	1.55	0.579
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0065	0.0086	ND	ND	ND	ND	0.0136	0.0079	0.0052

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Monitoring Location	Parameter	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	Spring 2011
Monitoring Location OB08	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	229	245	248	230
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Antimony	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0027	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.116
	Beryllium	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.0041	ND	NT	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	63.5	71.1	65.9	62.7
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	34.7	31.2	32.8	34.2
	Chromium	0.004	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0029	ND	NT	ND	ND	ND	ND	ND	0.0084	0.0078	0.0069	0.0034	ND	ND	0.0052	0.0064	0.0064	0.007
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	4.9	ND	ND
	Copper	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	0.006
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	228	250	0.647	0.718
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.301	0.675	ND	ND
	Lead	0.0032	ND	NT	ND	ND	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.9	17
	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	12.9	16.6	7.18	6.56
	Manganese	0.5544	0.7419	NT	0.2364	0.0976	0.0716	0.4195	0.2417	8.924	NT	NT	NT	NT	NT	6.29	7.07	ND	ND
	Mercury	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0083	0.0077
	Nickel	0.0149	0.0028	NT	ND	ND	ND	0.0028	0.0021	0.0081	0.0089	0.0082	0.0039	ND	ND	0.0083	0.0081	ND	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.04	5.41	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.81	2.87	2.63	2.91
	Selenium	0.0057	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	27.2	31.6	28	28.7
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	523.1	528.2	4.83	ND
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.54	4.91	ND	280
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	284	340	384	ND
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	300	265
	Turbidity	8.1	22.3	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.266	0.77	0.485	0.735
	Vanadium	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	0.0057	0.0039	0.0048	ND	ND	ND	ND	ND	ND	0.0077

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Monitoring Location	Parameter	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	Spring 2011
Monitoring Location OB08A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	228	233	226	220
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.299	ND	ND
	Antimony	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0191	ND	NT	ND	ND	ND	ND	ND	0.0026	0.003	0.0022	ND	ND	ND	0.0023	ND	ND	ND
	Barium	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	0.0779	0.099
	Beryllium	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.0052	ND	NT	ND	ND	ND	ND	ND	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	59.4	52.6	52.9	58.1
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	67.4	39.9	58.2	45.4
	Chromium	0.0037	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0664	ND	NT	ND	ND	ND	ND	ND	0.0184	0.0171	0.0177	0.0094	ND	0.0167	0.0186	0.0135	0.0175	0.0146
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	39.2	5.3	10.2
	Copper	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	0.0061	0.006
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	570	330	3.35	3.69
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.85	3.33	ND	ND
	Lead	0.0027	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19.3	20.3
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	23.2	19.2	8.23	8.57
	Manganese	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	ND
	Mercury	0.0003	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0079	0.0071
	Nickel	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	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.65	5.49	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.82	2.73	2.52	2.77
	Selenium	0.0265	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	37	34.7	31.7	30.8
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	579.9	541.9	5.74	ND
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.85	3.04	ND	340
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	352	336	384	ND
	Thallium	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	300	370
	Turbidity	8.5	26.1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.69	3.8	0.528	1.36
	Vanadium	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	0.0083	0.0051	0.0045	ND	ND	ND	ND	ND	ND	0.0078

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Monitoring Location	Parameter	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	Spring 2011
Monitoring Location OB10	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	110	83	134	116
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.0553	0.0531
	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	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	38.6	37.7	43.4	39.8
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	82.4	53.3	83.6	89
	Chromium	0.0028	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	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	0.0059	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	7.5	10.3	ND
	Copper	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	0.0057	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	160	161	1.28	0.783
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.598	1.9	ND	ND
	Lead	ND	0.0021	ND	ND	ND	ND	ND	ND	0.0021	ND	0.0031	ND	ND	ND	ND	0.0085	24	24.9
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	19.4	18.1	3.47	2.68
	Manganese	2.517	2.196	2.03	20.38	2.248	1.9194	2.04	ND	2.376	NT	NT	NT	NT	NT	2.63	1.31	ND	ND
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0079	0.0063
	Nickel	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	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.3	5.98	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.81	2.94	2.65	3.28
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	19	20.3	20.3	18.4
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	413.6	423.9	ND	ND
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.7	ND	ND	456
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	368	364	552	ND
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	230	230
	Turbidity	3.8	26.3	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.09	21.1	1.16	0.443
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.023	0.0198	0.0087	ND	0.0107	ND	0.0226	0.006	0.0057

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

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location OB102	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1140	960	1100	1008
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	11.2	12.4	8.98	11.1
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0251	ND	ND	ND	ND	ND	ND	0.0042	0.0061	0.0057	**0.0196**	0.0063	0.0061	ND	0.0065	ND	0.0068	0.0061
	Barium	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	0.349
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.008**	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	0.0021	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	116	113	114	124
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	560	128	577	578
	Chromium	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	ND
	Cobalt	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	0.0842	0.0764
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	262	250	252	235
	Copper	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	0.0908	0.0483
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	810	158	3.55	1.69
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.95	9.66	ND	ND
	Lead	ND	ND	ND	ND	0.0026	ND	0.0046	0.0022	ND	ND	**0.0806**	ND	0.0055	ND	0.0043	ND	94.3	102
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	94.8	98.7	21.8	23.5
	Manganese	17.81	2.041	4.083	6.425	17.25	25.835	24.56	ND	NT	NT	NT	NT	NT	NT	22.2	20.7	ND	ND
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0006	ND	ND	ND	ND	ND	0.101	0.092
	Nickel	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	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.26	5.95	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	37.2	41.7	37.8	39.8
	Selenium	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	0.0256	0.0237
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	613	549	500	561
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3522	3493	57.4	74.3
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	71.9	71.5	ND	2308
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2120	2172	2252	ND
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0087	ND	ND	ND	ND	ND	900	775
	Turbidity	3.8	6.9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	191	202	71.4	23.7
	Vanadium	0.0098	ND	ND	ND	ND	ND	0.0047	ND	ND	0.003	0.1443	ND	0.0105	ND	0.0104	0.0124	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.021	1.254	0.0248	0.0424	0.0776	0.0464	0.0402	0.0224	0.0135

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

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location OB105	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	810	1710	600	728
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.4	61.8	5.02	25.1
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	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	0.0109	ND
	Barium	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	0.218
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0026	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	0.0079	0.0125	NT	NT	NT	NT	NT	0.0047	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	156	124	165	92.2
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	328	265	334	219
	Chromium	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	0.0808	0.0106
	Cobalt	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	0.0202
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	173	258	207	92.4
	Copper	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	0.0277
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	900	870	110	17.1
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	85.3	31.2	0.0332	ND
	Lead	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	96.5
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	129	152	3.76	1.68
	Manganese	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	0.0031	0.0003
	Mercury	ND	ND	ND	ND	ND	0.0108	ND	ND	ND	ND	0.0004	ND	ND	ND	0.0038	ND	0.228	0.0258
	Nickel	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	0.99
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	1.04
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.81	6.33	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	35.7	136	19.3	61.3
	Selenium	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	0.0214	0.0102
	Silver	0.0262	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	286	468	174	202
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3384	3886	309	139
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	346	105	ND	1320
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1736	2400	1876	ND
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	950	576
	Turbidity	24.3	31.4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1215	338	3430	240
	Vanadium	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	0.0194
	Zinc	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	0.153

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Metals and Other Water Quality Parameters - Long Term Summary

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location OB11	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	201	165	200	211
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	0.0055	ND	ND	ND	0.0021	ND	0.0024	ND	ND	ND	ND	ND	ND
	Barium	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	0.0261	0.0301
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	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**	**0.01**
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	126	108	133	134
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	330	393	358	259
	Chromium	ND	ND	ND	ND	0.0023	ND	ND	ND	0.0027	ND	0.0037	ND	ND	ND	ND	ND	ND	ND
	Cobalt	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	27.5	28.2	29	32.5
	Copper	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	0.0112	0.0078
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	550	510	1.22	1.27
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.454	0.84	ND	ND
	Lead	ND	ND	ND	ND	0.0074	0.0028	0.0026	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	67.9	66.6
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	60.1	59.1	0.884	0.869
	Manganese	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	**0.0025**	0.0017
	Mercury	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	0.0375	0.0331
	Nickel	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	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.69	5.03	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.56	8.25	4.9	4.82
	Selenium	0.0028	ND	ND	ND	ND	0.0034	ND	ND	ND	0.0036	0.0043	0.0029	ND	ND	0.0049	ND	0.0078	0.0061
	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	56.7	59.9	68.8	67.9
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1339	1340	9.53	9.48
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.96	8.47	ND	1116
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1208	1152	1416	ND
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	600	563
	Turbidity	2.5	1.6	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	1.16	3.65	5.75	0.733
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	0.0389	0.04	0.0427	0.038	0.0508	0.0508	0.0432	0.0309	0.0426	0.043

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Metals and Other Water Quality Parameters - Long Term Summary

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location OB11A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	270	282	280	292
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.222	0.817	1.7	2.11
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	0.0087	ND	0.0027	ND	ND	ND	0.0072	0.0031	ND	ND	ND	ND	ND	ND
	Barium	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	0.957
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0102
	Cadmium	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	0.0059
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	99	92.5	89.8	84.7
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	310	262	290	211
	Chromium	0.0026	ND	ND	ND	0.0025	ND	ND	ND	ND	ND	0.0024	ND	ND	0.0102	ND	ND	ND	0.0321
	Cobalt	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	0.0337	0.144
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	30.8	32.3	30	33.7
	Copper	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	0.0102	0.17
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	540	500	1.33	48.4
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.61	4.65	ND	0.0723
	Lead	0.0024	ND	ND	ND	0.0179	0.0026	0.003	0.0031	ND	ND	0.0079	ND	ND	ND	ND	0.0059	67	55
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	69.2	64.2	6.38	13.1
	Manganese	1.182	5.866	5.688	0.5364	5.137	0.8988	5.408	6.8885	4.922	NT	NT	NT	NT	NT	5.23	7.39	ND	ND
	Mercury	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	0.0232	0.0701
	Nickel	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	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.01	5.28	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.71	7.17	6.81	13.7
	Selenium	0.0042	ND	ND	ND	0.0048	ND	0.0022	0.0022	ND	0.0029	0.0067	0.0022	ND	ND	0.0048	ND	0.0062	0.0185
	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	107	97.5	101	38.5
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1444	1363	18.4	17
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.6	14.9	ND	908
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1192	1032	1068	ND
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	660	524
	Turbidity	1.7	24.1	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	1.97	19.4	3.31	0.83
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0919
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	0.0193	0.0229	0.0219	0.025	0.0305	0.0305	0.0249	0.025	0.0218	0.267

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Monitoring Location	Parameter	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	Spring 2011
Monitoring Location OB12	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	110	100	108	44
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Antimony	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.0153	0.0211
	Beryllium	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	NT	NT	NT	NT	ND	ND	ND	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	33.3	39	32.3	34.1
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	69.9	83.9	65.8	80.1
	Chromium	0.003	NT	NT	NT	NT	0.0024	ND	ND	0.0104	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	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	ND	12.1	7.4	6.9
	Copper	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	0.0068	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	165	189	0.228	ND
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.368	ND	ND	ND
	Lead	ND	NT	NT	NT	NT	ND	0.0032	0.0032	0.0046	ND	ND	ND	ND	ND	ND	ND	19.8	27
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	19.7	23.4	0.107	0.106
	Manganese	0.1163	NT	NT	NT	NT	1.03	0.6074	0.2305	0.1681	NT	NT	NT	NT	NT	0.102	0.131	ND	ND
	Mercury	ND	NT	NT	NT	NT	0.0006	0.0004	0.0005	0.0011	ND	0.0015	0.0007	ND	ND	0.0003	ND	0.0102	0.0084
	Nickel	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	1.59
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.622	2.25	1.38	1.64
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.84	6.14	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3	3.04	2.32	3.24
	Selenium	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	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	24.5	27.8	25.4	27.9
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	481.7	511.8	7.13	4.78
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.14	14.9	ND	120
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	308	400	408	ND
	Thallium	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	162	182
	Turbidity	3.3	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.49	5.15	0.328	0.167
	Vanadium	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	0.013	0.0478	0.0222	0.0236	0.0125	ND	0.0134	0.0077	0.0077

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Table 4

Metals and Other Water Quality Parameters - Long Term Summary

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location OB15	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	242	93	230	74
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.646	0.228	0.29	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	**0.031**	ND	ND	ND	ND	0.0031	ND	ND	**0.0366**	ND	ND	ND	ND	ND	0.0069	ND	ND	ND
	Barium	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	0.0785	0.0857
	Beryllium	**0.009**	ND	ND	ND	ND	0.0039	ND	ND	**0.0088**	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	**0.015**	ND	ND	ND	ND	ND	ND	ND	**0.0099**	NT	NT	NT	NT	NT	0.0042	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	29.5	20.3	18	14.8
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.16	3.48	7.73	4.61
	Chromium	**0.425**	0.0047	ND	ND	ND	**0.1041**	ND	0.009	**0.3214**	ND	0.0521	ND	ND	ND	0.019	ND	ND	0.0053
	Cobalt	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	0.0072
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	49.3	11.1	11.2	ND
	Copper	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	0.0083	0.0119
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	600	270	27.3	9.24
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	54.9	16	ND	ND
	Lead	**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	22
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	23.2	24.5	3.87	1.78
	Manganese	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	ND
	Mercury	0.0006	ND	ND	ND	ND	ND	ND	ND	0.0003	ND	ND	ND	ND	ND	ND	ND	0.0098	0.0149
	Nickel	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	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.01	6.62	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.15	2.3	2.18	2.29
	Selenium	ND	ND	ND	ND	ND	0.0134	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	NT	NT	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	35	14.5	53.3	36.1
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	576.4	368.7	56.5	78.9
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	78.6	78.1	ND	420
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	328	252	324	ND
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	**0.0024**	ND	0.0024	ND	ND	ND	ND	ND	165	114
	Turbidity	592	167	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	125	53.8	25.4	96.8
	Vanadium	0.198	0.0029	ND	ND	ND	0.039	ND	0.0032	0.1477	ND	0.0282	ND	ND	ND	0.0052	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	0.0081	1.2155	0.022	0.021	0.0955	0.0955	0.698	0.0329	0.0212	0.0544

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Monitoring Location	Parameter	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	Spring 2011
Monitoring Location OB25	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	423	416	472	282
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.57	0.771	3.69	0.629
	Antimony	ND	0.0256	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0065	ND	ND	0.0034	ND	ND	0.004	ND	ND	ND	ND	0.0024	ND	ND	0.0037	**0.012**	ND	ND
	Barium	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	0.195
	Beryllium	ND	0.0046	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0137**	**0.0057**	ND	ND
	Cadmium	ND	0.0065	ND	ND	ND	ND	0.0024	ND	ND	NT	NT	NT	NT	NT	**0.0174**	**0.0072**	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	111	89.9	90.2	92.7
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	156	183	173	62.3
	Chromium	0.006	ND	ND	0.0228	0.0035	ND	0.0652	ND	ND	ND	0.0046	0.0089	ND	ND	**0.105**	**0.141**	0.0193	ND
	Cobalt	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	0.0532	0.0244
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1080	79.4	90	107
	Copper	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	0.0302	0.0062
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	740	520	29.9	1.32
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	239	210	ND	ND
	Lead	0.0043	ND	ND	0.0086	ND	ND	**0.026**	0.0021	ND	ND	ND	0.0026	ND	ND	**0.148**	**0.0358**	71.6	70.2
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	82.8	109	24.2	6.86
	Manganese	20.94	11.46	7.731	1.9548	5.523	11.562	15.005	10.264	9.249	NT	NT	NT	NT	NT	55.8	33.5	ND	0.0014
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0003	ND	0.0506	0.0183
	Nickel	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	1.33
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.6782	2.31	ND	1.38
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.19	5.51	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	17.6	15.9	16.6	7.24
	Selenium	0.006	ND	ND	0.0025	ND	ND	0.0053	ND	ND	ND	0.0023	ND	ND	ND	0.0364	0.0172	0.0059	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	84	76.6	88.9	100
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1301	1340	67	32.1
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	71.8	75.3	ND	532
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	888	916	916	ND
	Thallium	ND	0.0054	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	750	450
	Turbidity	225	94	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10100	3870	357	15050
	Vanadium	0.0127	ND	ND	0.0171	0.0022	ND	0.0629	ND	ND	ND	ND	0.0087	ND	ND	0.156	0.129	0.0141	ND
	Zinc	0.0263	0.0243	0.0243	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.95	1.09	0.109	0.0216

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Monitoring Location ST15	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	80	115	79	98
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.239	ND	ND
	Antimony	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Arsenic	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Barium	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	0.0681	0.029
	Beryllium	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Cadmium	NT	NT	NT	ND	ND	ND	ND	ND	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	33.4	36.7	32.5	27.4
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	58.2	102	67.7	38.1
	Chromium	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0041	ND	ND	ND	ND
	Cobalt	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0027	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	7.2	6.7	24.8
	Copper	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	0.0077	0.0062
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	160	180	0.701	0.863
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.372	0.814	ND	ND
	Lead	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0032	ND	ND	15	8.5
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.7	17.6	0.19	0.109
	Manganese	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	ND
	Mercury	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	0.0078	0.0052
	Nickel	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	1.3876	0.401
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.465	1.3279	1.4	0.451
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.39	7.19	0.0124	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.59	3.08	2.58	3.48
	Selenium	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Silver	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	24.5	59	24.8	28
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	386.7	538.8	25.5	7.19
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	20.7	15.6	ND	204
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	280	368	404	ND
	Thallium	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	160	95
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.04	5.24	6.06	25.6
	Vanadium	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0027	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0246	0.0187	0.0296	NT	0.0536	0.0202	0.0243	0.0174	0.0131

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Monitoring Location ST120	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	64	74	70	60
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Antimony	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	NT	0.034	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	0.0482	0.046
	Beryllium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	NT	ND	ND	ND	ND	ND	ND	ND	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	25.7	34	31.6	23.1
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	197	93.2	102
	Chromium	NT	ND	ND	ND	ND	ND	0.0021	0.0021	0.0026	0.0027	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	7	11.1	15.1
	Copper	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	0.0068	0.0052
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	340	150	0.705	0.661
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.525	1	ND	ND
	Lead	NT	ND	ND	ND	ND	ND	0.0031	0.0028	ND	0.0021	ND	ND	ND	ND	ND	ND	16.3	14.2
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.3	19.1	0.0817	0.126
	Manganese	NT	0.1527	0.0988	0.2052	0.0878	0.0937	0.2585	0.2074	0.2912	NT	NT	NT	NT	NT	0.0634	0.238	ND	ND
	Mercury	NT	ND	ND	ND	ND	ND	0.0006	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0066	0.0098
	Nickel	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	0.787
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.029	1.2126	0.842	0.837
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.41	5.96	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.88	3	3.02	2.51
	Selenium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	27.5	170	34	53.7
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	370.8	1116	13.5	7.5
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.6	17.2	ND	372
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	244	720	376	ND
	Thallium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	180	113
	Turbidity	NT	4.3	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.12	8.2	2.4	3.86
	Vanadium	NT	ND	ND	ND	ND	ND	0.004	ND	0.0033	0.0028	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	ND	0.0115	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.0124	ND	0.0089

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

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location ST65	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	70	235	88	243
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0293	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	0.0431	0.0556
	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	NT	NT	NT	NT	NT	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	18.1	40	34.3	33.9
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	51.7	85.7	98.4	99.6
	Chromium	0.0026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	0.0074	ND	ND	ND	ND	ND	0.0134	ND	ND	ND	ND	0.0137	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	34.8	34.7	7.7	35.1
	Copper	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	0.0066	0.0067
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	100	222	0.286	0.657
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.1	0.529	ND	ND
	Lead	ND	ND	ND	ND	ND	ND	ND	0.0032	ND	ND	ND	ND	ND	ND	0.0036	ND	18.4	26.9
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.6	30.7	0.0179	0.143
	Manganese	0.0291	0.0991	0.2133	0.5262	0.052	0.112	0.0871	0.2699	0.0559	NT	NT	NT	NT	NT	2.37	0.0486	ND	ND
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0095
	Nickel	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	0.392
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.7773	1.12	0.442
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.7	6.31	ND	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.92	14.3	4	14.8
	Selenium	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
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	25.7	110	37	121
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	302.3	884.2	10.8	26.6
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.32	42.1	ND	524
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	196	500	500	ND
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	170	180
	Turbidity	0.2	4.5	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	90.3	5.03	0.696	8.26
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0036	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0185	0.0032	ND	ND	0.0058	0.0165	0.0053	ND	0.006

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

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location ST70	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	109	106	115	105
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.497	ND	0.477
	Antimony	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	NT	0.051	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	0.0632	0.0498
	Beryllium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	NT	ND	ND	ND	ND	ND	ND	ND	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	38.2	37.9	42.8	32.5
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	85.8	68.8	97.6	79.8
	Chromium		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	ND
	Cobalt	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	14.1	10	18.5
	Copper	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	0.0076	0.0066
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	170	150	0.357	1.04
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.421	0.98	ND	ND
	Lead	NT	ND	ND	ND	ND	ND	ND	0.0023	ND	ND	0.0039	ND	ND	0.0027	ND	ND	17.8	13.6
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	16.3	15.9	0.147	0.185
	Manganese	NT	0.2407	0.266	0.2892	0.1555	0.2356	0.1272	0.2724	0.1056	NT	NT	NT	NT	NT	0.154	0.274	ND	ND
	Mercury	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0077	0.0086
	Nickel	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	1.4818	0.831
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.8591	1.124	1.57	0.881
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.54	6.61	0.0882	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.3	4.4	6.84	4.15
	Selenium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	34.2	69.8	40.1	45.6
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	520.6	625.1	25.2	12.8
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	20.8	18.4	ND	312
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	352	392	524	ND
	Thallium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	170	128
	Turbidity	NT	16.5	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.96	9.24	0.753	10.7
	Vanadium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0167	0.0187	0.016	ND	0.0342	ND	0.0166	0.0066	0.0145

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

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location ST80	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	48	110	44	32
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.456	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	NT	0.0282	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	0.0311	0.0387
	Beryllium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	NT	ND	ND	ND	ND	ND	ND	ND	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	16.2	37.9	12.5	11.8
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	32.6	92.3	28.6	27.1
	Chromium	NT	ND	ND	ND	ND	0.0042	ND	ND	ND	0.0026	0.0021	ND	ND	ND	ND	ND	ND	ND
	Cobalt	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	ND	12.5	17	14.6
	Copper	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	0.0066	0.0068
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	70	152	0.863	1.44
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.32	0.821	ND	ND
	Lead	NT	ND	ND	ND	ND	ND	0.0028	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	6.23	5.73
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.41	15.4	0.155	0.149
	Manganese	NT	0.115	0.3743	0.1672	0.2107	0.1439	0.7916	0.0739	0.132	NT	NT	NT	NT	NT	0.126	0.174	ND	ND
	Mercury	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0055
	Nickel	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	0.856
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.8957	1.1925	0.374	0.906
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.65	7.37	0.024	ND
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.08	4.64	2.68	2.16
	Selenium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	17.4	69	14	14.6
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	216.2	616.7	5.53	6.57
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.16	17.3	ND	144
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	144	380	168	ND
	Thallium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	68	46
	Turbidity	NT	51	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.85	7.23	7.86	91.8
	Vanadium	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	0.0091	0.0085	0.0066	ND	0.0078	ND	0.0119	ND	0.0095

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

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location MW1B	Alkalinity																	48	49
	Ammonia																	ND	ND
	Antimony																	ND	ND
	Arsenic																	ND	ND
	Barium																	0.0057	0.0081
	Beryllium																	ND	ND
	Cadmium																	ND	ND
	Calcium																	6.83	8.18
	Chloride																	ND	ND
	Chromium																	0.0055	ND
	Cobalt																	ND	ND
	COD																	ND	6.5
	Copper																	0.0086	ND
	Hardness																	1.22	0.651
	Iron																	ND	ND
	Lead																	3.72	4.58
	Magnesium																	0.038	0.0495
	Manganese																	ND	ND
	Mercury																	0.0055	ND
	Nickel																	ND	ND
	Nitrate																	ND	ND
	pH																	ND	ND
	Potassium																	1.25	1.15
	Selenium																	ND	ND
	Silver																	ND	ND
	Sodium																	10.2	8.37
	Spec. Cond.																	ND	ND
	Sulfate																	ND	92
	TDS																	440	ND
	Thallium																	30	36
	Turbidity																	28.2	39.4
	Vanadium																	ND	ND
	Zinc																	0.0102	0.0069

NEW MONITORING WELL
Sampling started in Fall 2010

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

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location MW2A	Alkalinity																	30	40
	Ammonia																	ND	ND
	Antimony																	ND	ND
	Arsenic																	ND	ND
	Barium																	0.0155	0.0299
	Beryllium																	ND	ND
	Cadmium																	ND	ND
	Calcium																	4.89	7.78
	Chloride																	ND	2.74
	Chromium																	0.0084	0.0085
	Cobalt																	ND	ND
	COD																	ND	7.5
	Copper																	0.008	0.0118
	Hardness																	1.38	3.14
	Iron																	ND	0.0055
	Lead																	2.15	3.75
	Magnesium																	0.12	0.173
	Manganese																	ND	ND
	Mercury																	0.0102	0.0092
	Nickel																	ND	ND
	Nitrate																	ND	ND
	pH																	ND	ND
	Potassium																	1.94	2.32
	Selenium																	ND	ND
	Silver																	ND	ND
	Sodium																	7.15	7.07
	Spec. Cond.																	ND	ND
	Sulfate																	ND	112
	TDS																	465	ND
	Thallium																	19	25
	Turbidity																	58.9	117.6
	Vanadium																	ND	ND
	Zinc																	0.0114	0.0229

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Metals and Other Water Quality Parameters - Long Term Summary

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location MW2B	Alkalinity																	29	37
	Ammonia																	ND	ND
	Antimony																	ND	ND
	Arsenic																	ND	ND
	Barium																	0.0113	0.0095
	Beryllium																	ND	ND
	Cadmium																	ND	ND
	Calcium																	4.92	8.72
	Chloride																	ND	ND
	Chromium																	ND	ND
	Cobalt																	ND	ND
	COD																	ND	ND
	Copper																	0.0054	ND
	Hardness																	ND	ND
	Iron																	ND	ND
	Lead																	1.94	2.84
	Magnesium																	0.0868	0.063
	Manganese																	ND	ND
	Mercury																	ND	ND
	Nickel																	ND	ND
	Nitrate																	ND	ND
	pH																	ND	ND
	Potassium																	1.36	1.58
	Selenium																	ND	ND
	Silver																	ND	ND
	Sodium																	6.99	5.22
	Spec. Cond.																	ND	ND
	Sulfate																	ND	56
	TDS																	648	ND
	Thallium																	18	24
	Turbidity																	2.43	1.29
	Vanadium																	ND	ND
	Zinc																	0.0061	0.008

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Metals and Other Water Quality Parameters - Long Term Summary

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location MW3A	Alkalinity																	40	24
	Ammonia																	ND	ND
	Antimony																	ND	ND
	Arsenic																	ND	ND
	Barium																	0.144	0.0519
	Beryllium																	ND	ND
	Cadmium																	ND	ND
	Calcium																	6.89	6.1
	Chloride																	ND	2.94
	Chromium																	0.053	0.0067
	Cobalt																	0.041	0.0108
	COD																	ND	ND
	Copper																	0.118	0.018
	Hardness																	61.7	5.99
	Iron																	0.0259	0.0089
	Lead																	20.9	3.68
	Magnesium																	1.08	0.343
	Manganese																	ND	ND
	Mercury																	0.0816	0.0067
	Nickel																	ND	ND
	Nitrate																	ND	ND
	pH																	ND	ND
	Potassium																	13	1.98
	Selenium																	ND	ND
	Silver																	ND	ND
	Sodium																	7.66	4.12
	Spec. Cond.																	ND	ND
	Sulfate																	ND	60
	TDS																	100	ND
	Thallium																	130	14
	Turbidity																	1535	151.5
	Vanadium																	0.0529	0.01
	Zinc																	0.227	0.0275

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	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	Spring 2011
Monitoring Location MW3B	Alkalinity																	160	110
	Ammonia																	ND	ND
	Antimony																	ND	ND
	Arsenic																	ND	ND
	Barium																	0.0943	0.237
	Beryllium																	ND	ND
	Cadmium																	ND	ND
	Calcium																	10.7	63
	Chloride																	ND	4.59
	Chromium																	0.0246	0.018
	Cobalt																	ND	0.027
	COD																	ND	22.4
	Copper																	0.0125	0.0533
	Hardness																	1.33	9.62
	Iron																	ND	0.041
	Lead																	0.715	10.6
	Magnesium																	0.0395	1.26
	Manganese																	ND	ND
	Mercury																	0.0266	0.031
	Nickel																	ND	ND
	Nitrate																	ND	0.248
	pH																	ND	0.071
	Potassium																	26	9.54
	Selenium																	ND	ND
	Silver																	ND	ND
	Sodium																	56.7	107
	Spec. Cond.																	13.5	165
	Sulfate																	ND	472
	TDS																	332	ND
	Thallium																	100	66
	Turbidity																	42	2130
	Vanadium																	0.0047	0.0279
	Zinc																	0.0123	0.108

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	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	Spring 2011
Monitoring Location MW04	Alkalinity																	70	60
	Ammonia																	ND	ND
	Antimony																	ND	ND
	Arsenic																	ND	ND
	Barium																	0.228	0.0431
	Beryllium																	ND	ND
	Cadmium																	ND	ND
	Calcium																	34.4	35.5
	Chloride																	106	138
	Chromium																	0.0261	ND
	Cobalt																	0.0264	ND
	COD																	ND	ND
	Copper																	0.037	ND
	Hardness																	37.6	1.21
	Iron																	0.022	ND
	Lead																	30.9	25.8
	Magnesium																	2.87	0.138
	Manganese																	ND	ND
	Mercury																	0.0758	0.0108
	Nickel																	0.3756	0.378
	Nitrate																	0.389	0.388
	pH																	0.0134	ND
	Potassium																	12.2	3.56
	Selenium																	ND	ND
	Silver																	ND	ND
	Sodium																	29.4	30.2
	Spec. Cond.																	ND	ND
	Sulfate																	ND	552
	TDS																	552	ND
	Thallium																	183	200
	Turbidity																	880	13.2
	Vanadium																	0.0213	ND
	Zinc																	0.138	0.0078

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	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	Spring 2011
Monitoring Location MW06	Alkalinity																	260	264
	Ammonia																	ND	ND
	Antimony																	ND	ND
	Arsenic																	ND	ND
	Barium																	0.675	0.303
	Beryllium																	**0.007**	ND
	Cadmium																	**0.0082**	ND
	Calcium																	62.6	73.9
	Chloride																	222	200
	Chromium																	0.0533	ND
	Cobalt																	0.33	0.322
	COD																	ND	17.3
	Copper																	0.143	0.0157
	Hardness																	69.4	2.9
	Iron																	**0.0519**	0.0101
	Lead																	57.9	54.9
	Magnesium																	38.9	54
	Manganese																	ND	0.0004
	Mercury																	0.154	0.0339
	Nickel																	0.0757	ND
	Nitrate																	0.106	ND
	pH																	0.0303	ND
	Potassium																	4.92	2.94
	Selenium																	0.0429	0.0113
	Silver																	ND	ND
	Sodium																	56.2	63.1
	Spec. Cond.																	54.1	58.7
	Sulfate																	ND	868
	TDS																	1080	ND
	Thallium																	430	1720
	Turbidity																	5300	1540
	Vanadium																	0.0531	ND
	Zinc																	0.5	0.0516

NEW MONITORING WELL
Sampling Started in Fall 2010

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Table 4

Metals and Other Water Quality Parameters - Long Term Summary

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location MW07	Alkalinity																	90	42
	Ammonia																	ND	ND
	Antimony																	ND	ND
	Arsenic																	ND	ND
	Barium																	0.0666	0.0674
	Beryllium																	ND	ND
	Cadmium																	ND	ND
	Calcium																	46.7	46.5
	Chloride																	131	119
	Chromium																	ND	ND
	Cobalt																	0.0066	ND
	COD																	12.6	15
	Copper																	0.016	0.01
	Hardness																	0.69	0.517
	Iron																	ND	ND
	Lead																	23.2	28.1
	Magnesium																	2.01	0.761
	Manganese																	ND	ND
	Mercury																	0.0157	0.0064
	Nickel																	10.35	14.59
	Nitrate																	10.4	14.6
	pH																	ND	ND
	Potassium																	3.16	3.81
	Selenium																	ND	ND
	Silver																	ND	ND
	Sodium																	33.4	32.6
	Spec. Cond.																	13.1	12.4
	Sulfate																	ND	552
	TDS																	648	ND
	Thallium																	650	219
	Turbidity																	11.1	6.06
	Vanadium																	ND	ND
	Zinc																	0.0246	0.0119

NEW MONITORING WELL
Sampling Started in Fall 2010

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

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location MW08	Alkalinity																	190	480
	Ammonia																	0.726	1.94
	Antimony																	ND	ND
	Arsenic																	ND	ND
	Barium																	0.273	0.177
	Beryllium																	ND	ND
	Cadmium																	ND	ND
	Calcium																	59	114
	Chloride																	190	207
	Chromium																	0.0215	ND
	Cobalt																	0.0816	ND
	COD																	ND	26.3
	Copper																	0.054	0.0145
	Hardness																	15.1	1.69
	Iron																	0.01	ND
	Lead																	36.9	90.9
	Magnesium																	3.46	0.144
	Manganese																	ND	ND
	Mercury																	0.0534	0.0082
	Nickel																	7.63	**13.85**
	Nitrate																	7.68	13.9
	pH																	ND	ND
	Potassium																	10.4	19.1
	Selenium																	ND	ND
	Silver																	ND	ND
	Sodium																	104	139
	Spec. Cond.																	55	68.5
	Sulfate																	ND	1136
	TDS																	696	ND
	Thallium																	270	600
	Turbidity																	1227	22.7
	Vanadium																	0.0366	ND
	Zinc																	0.16	0.0143

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	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	Spring 2011
Monitoring Location MW09	Alkalinity																	64	110
	Ammonia																	ND	ND
	Antimony																	ND	ND
	Arsenic																	ND	ND
	Barium																	0.334	0.156
	Beryllium																	ND	ND
	Cadmium																	ND	ND
	Calcium																	15.8	14.9
	Chloride																	11.9	10.9
	Chromium																	0.0588	0.032
	Cobalt																	0.0341	0.016
	COD																	ND	ND
	Copper																	0.0339	0.0174
	Hardness																	48.6	16.7
	Iron																	0.0373	0.0132
	Lead																	24.4	13.2
	Magnesium																	1.8	0.689
	Manganese																	ND	ND
	Mercury																	0.0553	0.0274
	Nickel																	1.25	1.25
	Nitrate																	1.3	1.26
	pH																	ND	ND
	Potassium																	17.8	7.41
	Selenium																	ND	ND
	Silver																	ND	ND
	Sodium																	7.23	3.75
	Spec. Cond.																	ND	ND
	Sulfate																	ND	172
	TDS																	168	ND
	Thallium																	80	48
	Turbidity																	1160	398
	Vanadium																	0.0541	0.0285
	Zinc																	0.189	0.0777

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	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	Spring 2011
Monitoring Location MW10	Alkalinity																	100	75
	Ammonia																	ND	ND
	Antimony																	ND	ND
	Arsenic																	ND	ND
	Barium																	1.49	0.124
	Beryllium																	ND	ND
	Cadmium																	ND	ND
	Calcium																	29.1	14.2
	Chloride																	6.75	19.4
	Chromium																	**0.125**	ND
	Cobalt																	0.0659	ND
	COD																	ND	36.6
	Copper																	0.197	0.0123
	Hardness																	201	ND
	Iron																	**0.0611**	ND
	Lead																	78.3	9.1112
	Magnesium																	3.59	0.044
	Manganese																	ND	ND
	Mercury																	0.111	ND
	Nickel																	ND	ND
	Nitrate																	ND	ND
	pH																	ND	ND
	Potassium																	43.5	1.26
	Selenium																	0.0085	ND
	Silver																	ND	ND
	Sodium																	12.4	10.1
	Spec. Cond.																	7.56	8.3
	Sulfate																	ND	140
	TDS																	148	ND
	Thallium																	110	70
	Turbidity																	4340	3140
	Vanadium																	0.189	ND
	Zinc																	0.337	0.132

NEW MONITORING WELL
Sampling Started in Fall 2010

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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	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	Spring 2011
Monitoring Location MW11A	Alkalinity																	50	27
	Ammonia																	ND	ND
	Antimony																	ND	ND
	Arsenic																	ND	ND
	Barium																	0.749	0.274
	Beryllium																	ND	ND
	Cadmium																	ND	ND
	Calcium																	23.4	14.8
	Chloride																	4.22	10.9
	Chromium																	0.144	0.0273
	Cobalt																	0.0695	0.0181
	COD																	ND	ND
	Copper																	0.0825	0.026
	Hardness																	149	12.1
	Iron																	0.0499	0.0156
	Lead																	66.6	11.2
	Magnesium																	3.47	0.738
	Manganese																	ND	ND
	Mercury																	0.145	0.0277
	Nickel																	1.4774	1.1
	Nitrate																	1.49	1.15
	pH																	0.0126	ND
	Potassium																	27.7	1.87
	Selenium																	0.0056	ND
	Silver																	ND	ND
	Sodium																	8.49	4.21
	Spec. Cond.																	7.07	6.28
	Sulfate																	ND	72
	TDS																	108	ND
	Thallium																	90	36
	Turbidity																	4880	1600
	Vanadium																	0.124	0.0093
	Zinc																	0.334	0.0938

NEW MONITORING WELL
Sampling Started in Fall 2010

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

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location MW11B	Alkalinity																	100	69
	Ammonia																	ND	ND
	Antimony																	ND	ND
	Arsenic																	ND	ND
	Barium																	0.0744	0.0194
	Beryllium																	ND	ND
	Cadmium																	ND	ND
	Calcium																	34.4	15.4
	Chloride																	4.18	4.79
	Chromium																	0.0082	ND
	Cobalt																	0.005	ND
	COD																	ND	ND
	Copper																	0.0131	ND
	Hardness																	6.97	ND
	Iron																	ND	ND
	Lead																	8.36	6.63
	Magnesium																	0.167	0.012
	Manganese																	ND	ND
	Mercury																	0.009	ND
	Nickel																	2.307	2.33
	Nitrate																	2.31	2.34
	pH																	ND	ND
	Potassium																	2.5	0.888
	Selenium																	ND	ND
	Silver																	ND	ND
	Sodium																	12.6	9.1
	Spec. Cond.																	ND	ND
	Sulfate																	ND	132
	TDS																	156	ND
	Thallium																	94	66
	Turbidity																	72.4	4.99
	Vanadium																	0.0229	ND
	Zinc																	0.0209	ND

NEW MONITORING WELL
Sampling Started in Fall 2010

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Table 4

Metals and Other Water Quality Parameters - Long Term Summary

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location MW12	Alkalinity																	15	16
	Ammonia																	ND	ND
	Antimony																	ND	ND
	Arsenic																	ND	ND
	Barium																	1.32	0.749
	Beryllium																	ND	ND
	Cadmium																	ND	ND
	Calcium																	82	78.8
	Chloride																	374	371
	Chromium																	0.1	ND
	Cobalt																	0.0492	ND
	COD																	ND	ND
	Copper																	0.109	0.0111
	Hardness																	100	2.59
	Iron																	0.0616	ND
	Lead																	69.5	43.1
	Magnesium																	3.02	0.138
	Manganese																	ND	ND
	Mercury																	0.0938	0.0113
	Nickel																	5.0188	4.38
	Nitrate																	5.03	4.39
	pH																	0.0112	ND
	Potassium																	23.1	5.14
	Selenium																	0.0062	ND
	Silver																	ND	ND
	Sodium																	81.5	104
	Spec. Cond.																	14.7	14.3
	Sulfate																	ND	1184
	TDS																	1520	ND
	Thallium																	360	356
	Turbidity																	3920	57.4
	Vanadium																	0.085	ND
	Zinc																	0.269	0.0352

NEW MONITORING WELL
Sampling Started in Fall 2010

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

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location MW13A	Alkalinity																	50	224
	Ammonia																	ND	ND
	Antimony																	ND	ND
	Arsenic																	ND	ND
	Barium																	0.332	0.199
	Beryllium																	ND	ND
	Cadmium																	ND	ND
	Calcium																	26.5	23.8
	Chloride																	84.3	83.5
	Chromium																	0.024	ND
	Cobalt																	0.029	0.0079
	COD																	34.6	ND
	Copper																	0.071	0.0121
	Hardness																	28.3	3.32
	Iron																	0.0112	ND
	Lead																	23.5	20.7
	Magnesium																	0.876	0.302
	Manganese																	0.0003	0.0003
	Mercury																	0.0345	0.01
	Nickel																	2.48	2.29
	Nitrate																	2.53	2.3
	pH																	ND	ND
	Potassium																	8.65	3.03
	Selenium																	ND	ND
	Silver																	ND	ND
	Sodium																	17.6	16.1
	Spec. Cond.																	ND	ND
	Sulfate																	ND	324
	TDS																	380	ND
	Thallium																	160	128
	Turbidity																	1048	56.8
	Vanadium																	0.0626	0.0099
	Zinc																	0.0902	0.0194

NEW MONITORING WELL
Sampling Started in Fall 2010

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

Monitoring Location	Parameter	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	Spring 2011
Monitoring Location MW13B	Alkalinity																	230	720
	Ammonia																	ND	ND
	Antimony																	ND	ND
	Arsenic																	ND	ND
	Barium																	0.0676	0.073
	Beryllium																	ND	ND
	Cadmium																	ND	ND
	Calcium																	82.7	80.5
	Chloride																	84.6	84.7
	Chromium																	ND	ND
	Cobalt																	ND	ND
	COD																	6.2	9.6
	Copper																	0.0063	ND
	Hardness																	0.571	ND
	Iron																	ND	ND
	Lead																	27.6	31.4
	Magnesium																	0.0306	0.0323
	Manganese																	0.0002	ND
	Mercury																	ND	ND
	Nickel																	1.467	1.62
	Nitrate																	1.47	1.63
	pH																	ND	ND
	Potassium																	3.3	4.07
	Selenium																	ND	ND
	Silver																	ND	ND
	Sodium																	19.9	18.2
	Spec. Cond.																	6.18	ND
	Sulfate																	ND	572
	TDS																	540	ND
	Thallium																	360	313
	Turbidity																	0.232	0.364
	Vanadium																	ND	ND
	Zinc																	ND	ND

NEW MONITORING WELL
Sampling Started in Fall 2010

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Table-A - Filtered and Unfiltered Sampling Results For Metals From New Monitoring Wells

Parameter		Monitoring Well								
		OB01	OB02	OB02A	OB03	OB03A	OB04	OB04A	OB06	OB07
Antimony	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	Unfiltered	ND	ND	ND	ND	ND	ND	0.005	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	0.005	ND	ND
Barium	Unfiltered	0.182	0.531	0.349	0.736	0.08	0.264	0.058	0.536	0.026
	Filtered	0.189	0.07	0.339	0.71	0.501	0.261	0.054	0.18	0.026
Beryllium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	Unfiltered	76.2	72.2	82.9	69	24.8	154	117	145	114
	Filtered	69.6	25.5	84.8	74.8	93.1	160	118	122	101
Chromium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	0.02	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt	Unfiltered	0.015	0.059	ND	0.063	ND	ND	ND	0.01	ND
	Filtered	0.015	ND	ND	0.061	0.055	ND	ND	0.005	ND
Copper	Unfiltered	0.006	ND	0.005	0.008	0.011	0.037	0.028	0.044	ND
	Filtered	0.006	ND	0.006	ND	ND	0.036	0.022	0.008	ND
Iron	Unfiltered	0.837	25.2	ND	23.6	2.71	ND	0.636	15.5	1.08
	Filtered	ND	0.62	0.65	28.8	37	1.3	0.974	0.723	ND
Lead	Unfiltered	ND	ND	ND	ND	ND	ND	ND	**0.047**	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	Unfiltered	45.3	59.3	53.4	47.1	15.8	88.1	94.8	63	35.2
	Filtered	41.5	10.7	48.6	45.4	68.2	80.2	83.9	49.1	30.6
Manganese	Unfiltered	5.07	10.1	0.051	18.5	0.982	1.94	1.12	0.862	0.034
	Filtered	5.05	0.934	0.039	18.1	9.85	1.95	1.1	0.462	0.04
Mercury	Unfiltered	ND	ND	ND	ND	ND	ND	ND	**0.009**	5E-04
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	Unfiltered	0.031	0.017	0.011	0.018	ND	0.013	0.019	0.025	ND
	Filtered	0.032	ND	0.011	0.017	0.016	0.013	0.018	0.014	ND
Potassium	Unfiltered	3.81	13.7	5.2	10.1	4.68	7.29	5.92	6.2	3.24
	Filtered	3.56	3.33	4.42	8.75	17.5	6.58	5	4.58	3.31
Selenium	Unfiltered	ND	ND	ND	ND	ND	0.019	0.022	0.02	0.007
	Filtered	ND	ND	ND	ND	ND	0.021	0.022	0.015	0.008
Silver	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	Unfiltered	58.2	111	31.6	74.2	14.4	74.4	100	80.3	21.3
	Filtered	54.3	11	29.9	71.7	126	68.8	90.8	70.3	19.4
Thallium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	0.021	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	Unfiltered	0.012	0.008	0.008	0.015	0.015	0.008	0.021	0.1	ND
	Filtered	0.012	ND	0.008	0.013	0.007	0.012	0.019	0.024	ND

Table-A - Filtered and Unfiltered Sampling Results For Metals From New Monitoring Wells

Parameter	Monitoring Well	OB07A	OB08	OB08A	OB10	OB102	OB105	OB11	OB11A	OB12	OB15	OB25
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	0.006	ND	ND	ND	ND	ND	ND
		ND	ND	ND	ND	0.006	ND	ND	ND	ND	ND	ND
Barium		0.04	0.116	0.099	0.053	0.349	0.218	0.03	0.957	0.021	0.086	0.195
		0.039	0.119	0.097	0.06	0.352	0.189	0.03	0.193	0.022	0.072	0.097
Beryllium		ND	ND	ND	ND	ND	ND	ND	**0.01**	ND	ND	ND
		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium		ND	ND	ND	ND	ND	ND	**0.01**	**0.006**	ND	ND	ND
		ND	ND	ND	ND	ND	ND	**0.011**	ND	ND	ND	ND
Calcium		86.5	62.7	58.1	39.8	124	92.2	134	84.7	34.1	14.8	92.7
		73.1	63.1	46.6	17.5	115	92.9	123	76	34.2	14.5	65.7
Chromium		ND	ND	ND	ND	ND	0.011	ND	0.032	ND	0.005	ND
		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt		ND	0.007	0.015	ND	0.076	0.02	ND	0.144	ND	0.007	0.024
		ND	0.007	0.014	ND	0.079	0.013	ND	0.024	ND	ND	0.012
Copper		ND	0.006	0.006	ND	0.048	0.028	0.008	0.17	ND	0.012	0.006
		ND	0.005	ND	ND	0.08	0.005	0.008	0.009	ND	ND	ND
Iron		0.819	0.718	3.69	0.783	1.69	17.1	1.27	48.4	ND	9.24	1.32
		ND	0.749	2.95	ND	1.09	7.17	0.629	0.788	ND	1.85	0.594
Lead		ND	ND	ND	ND	ND	ND	ND	**0.072**	ND	ND	ND
		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium		49.3	17	20.3	24.9	102	96.5	66.6	55	27	22	70.2
		40.7	15.4	17.7	8	96.1	84.6	61.1	56.2	23.1	18.2	42.2
Manganese		0.07	6.56	8.57	2.68	23.5	1.68	0.869	13.1	0.106	1.78	6.86
		0.051	6.75	7.85	0.012	21.7	1.55	0.827	6.52	0.105	1.58	7.2
Mercury		8E-04	ND	ND	ND	ND	3E-04	0.002	ND	ND	ND	0.001
		2E-04	ND	ND	ND	ND	ND	7E-04	ND	ND	ND	ND
Nickel		ND	0.008	0.007	0.006	0.092	0.026	0.033	0.07	0.008	0.015	0.018
		ND	0.008	0.007	ND	0.096	0.015	0.034	0.019	0.008	0.01	0.01
Potassium		2.3	2.91	2.77	3.28	39.8	61.3	4.82	13.7	3.24	2.29	7.24
		2.42	2.44	2.48	1.2	37.3	61.4	4.8	6.61	3.25	1.86	10.2
Selenium		0.01	ND	ND	ND	0.024	0.01	0.006	0.019	ND	ND	ND
		0.009	ND	ND	ND	0.026	0.01	0.006	ND	ND	ND	ND
Silver		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium		25.6	28.7	30.8	18.4	561	202	67.9	38.5	27.9	36.1	100
		21.9	26.7	27.3	9.28	582	216	63.4	84.5	24.8	29.2	38.7
Thallium		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium		ND	ND	ND	ND	ND	0.019	ND	0.092	ND	ND	ND
		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc		0.005	0.008	0.008	0.006	0.014	0.153	0.043	0.267	0.008	0.054	0.022
		ND	0.007	0.006	0.091	0.013	0.093	0.045	0.024	0.005	0.033	0.009

Table-A - Filtered and Unfiltered Sampling Results For Metals From New Monitoring Wells

Parameter	Monitoring Well	MW1B	MW2A	MW2B	MW3A	MW3B	MW04	MW06	MW07	MW08	MW09	MW10
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	ND	ND	ND	ND	ND	ND
		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium		0.008	0.03	0.01	0.052	0.237	0.043	0.303	0.067	0.177	0.156	0.124
		0.007	0.013	0.009	0.007	0.013	0.038	0.226	0.066	0.169	0.051	0.052
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	ND	ND	ND	ND	ND	ND	ND
Calcium		8.18	7.78	8.72	6.1	63	35.5	73.9	46.5	114	14.9	14.2
		7.89	7.16	8.27	4.25	18.6	22.4	69.5	48.6	120	12	42.4
Chromium		ND	0.009	ND	0.007	0.018	ND	ND	ND	ND	0.032	ND
		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt		ND	ND	ND	0.011	0.027	ND	0.322	ND	ND	0.016	ND
		ND	ND	ND	ND	ND	ND	0.336	ND	ND	ND	ND
Copper		ND	0.012	ND	0.018	0.053	ND	0.016	0.01	0.015	0.017	0.012
		ND	ND	ND	0.005	ND	ND	0.006	0.008	0.009	ND	ND
Iron		0.651	3.14	ND	5.99	9.62	1.21	2.9	0.517	1.69	16.7	ND
		ND	ND	ND	ND	ND	0.632	ND	0.469	1.08	ND	1.05
Lead		ND	0.006	ND	0.009	**0.041**	ND	0.01	ND	ND	0.013	ND
		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium		4.58	3.75	2.84	3.68	10.6	25.8	54.9	28.1	90.9	13.2	9.111
		4.05	3.06	2.54	1.66	3.54	12.5	52.7	25.9	84.1	5.2	22.5
Manganese		0.05	0.173	0.063	0.343	1.26	0.138	54	0.761	0.144	0.689	0.044
		0.007	0.104	0.059	0.008	0.029	0.081	49.9	0.721	0.183	0.289	2.62
Mercury		ND	ND	ND	ND	ND	ND	4E-04	ND	ND	ND	ND
		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel		ND	0.009	ND	0.007	0.031	0.011	0.034	0.006	0.008	0.027	ND
		ND	0.006	ND	ND	ND	0.009	0.032	0.006	0.008	0.005	0.007
Potassium		1.15	2.32	1.58	1.98	9.54	3.56	2.94	3.81	19.1	7.41	1.26
		0.994	1.67	1.45	0.906	6.41	2.61	3.08	3.34	20.1	1.31	2.82
Selenium		ND	ND	ND	ND	ND	ND	0.011	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	ND	ND	ND
Sodium		8.37	7.07	5.22	4.12	107	30.2	63.1	32.6	139	3.75	10.1
		8.23	6.68	5.23	4.1	103	15	62.2	31.3	130	3.55	17.5
Thallium		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium		ND	ND	ND	0.01	0.028	ND	ND	ND	ND	0.029	ND
		ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND
Zinc		0.007	0.023	0.008	0.028	0.108	0.008	0.052	0.012	0.014	0.078	0.132
		ND	0.015	0.009	0.007	ND	0.005	0.043	0.009	0.008	0.008	0.006

Table-A - Filtered and Unfiltered Sampling Results For Metals From New Monitoring Wells

Parameter		Monitoring Well							
		MW11A	MW11B	MW12	MW13A	MW13B	Minimum	Maximum	Average
	Antimony	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
	Barium	0.274	0.019	0.749	0.199	0.073	0.0081	0.957	0.2068472
		0.026	0.019	0.686	0.174	0.072	0.00668	0.71	0.1452208
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND
		ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	ND
		ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	14.8	15.4	78.8	23.8	80.5	6.1	154	63.466111
		8.97	15.8	83.3	26.5	84.3	4.25	160	59.731667
	Chromium	0.027	ND	ND	ND	ND	0.0053	0.0321	0.0178222
		ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.018	ND	ND	0.008	ND	0.007	0.322	0.0495294
		ND	ND	ND	0.006	ND	0.00525	0.336	0.0521325
	Copper	0.026	ND	0.011	0.012	ND	0.0053	0.17	0.0240577
		ND	ND	0.008	ND	ND	0.00521	0.0796	0.014722
	Iron	12.1	ND	2.59	3.32	ND	0.517	48.4	7.4145172
		ND	0.124	0.622	0.2	0.552	0.124	37	3.9398261
	Lead	**0.016**	ND	ND	ND	ND	0.0055	0.0723	0.02675
		ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	11.2	6.63	43.1	20.7	31.4	2.84	102	39.258089
		3.25	6.88	39.8	17.5	29	1.66	96.1	34.324444
	Manganese	0.738	0.012	0.138	0.302	0.032	0.012	54	4.5366917
		0.029	0.009	0.077	0.232	0.031	0.00699	49.9	4.0568828
	Mercury	ND	ND	ND	3E-04	ND	0.00026	0.00852	0.0017125
		ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.028	ND	0.011	0.01	ND	0.0063	0.092	0.0214071
		ND	ND	0.009	0.007	ND	0.00513	0.0958	0.0166544
	Potassium	1.87	0.888	5.14	3.03	4.07	0.888	61.3	7.5955
		0.719	0.861	4.06	2.01	3.14	0.719	61.4	6.8463889
	Selenium	ND	ND	ND	ND	ND	0.0061	0.0237	0.01481
		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
	Sodium	4.21	9.1	104	16.1	18.2	3.75	561	62.901111
		4.33	9.83	98.2	15	17.7	3.55	582	61.050833
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND
		ND	ND	ND	ND	ND	ND	ND	ND
	Vanadium	0.009	ND	ND	0.01	ND	0.0093	0.0919	0.027275
		ND	ND	ND	ND	ND	0.00527	0.00527	0.00527
	Zinc	0.094	ND	0.035	0.019	ND	0.00516	0.267	0.0421061
		0.005	ND	0.027	0.012	ND	0.00544	0.0934	0.0198231

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 10 Water Elevation (ft)	Fall 10 Water Elevation	Spring 2011 Water Elevation (ft)	Elevation Change From Fall 2010 (ft)	Spring 2011Measured Water Level From Ground Level (ft)
OB01	415.90	404.8	399.65	402.30	2.6	13.6
OB02	418.48	405.88	400.98	404.18	3.2	14.3
OB02A	418.61	407.46	401.01	404.51	3.5	14.1
OB03	409.86	392.46	385.66	390.96	5.3	18.9
OB03A	410.06	392.46	385.66	390.26	4.6	19.8
OB04	364.21	360.71	358.71	359.71	1.0	4.5
OB04A	365.37	361.17	359.37	360.47	1.1	4.9
OB06	339.78	332.93	329.08	332.88	3.8	6.9
OB07	329.49	324.89	320.39	323.99	3.6	5.5
OB7A	328.44	323.94	319.84	323.24	3.4	5.2
OB08	325.11	320.91	318.01	318.91	0.9	6.2
OB08A	325.31	319.21	317.61	318.81	1.2	6.5
OB10	325.77	319.97	318.27	318.97	0.7	6.8
OB102	363.17	353.17	349.97	352.52	2.6	10.65
OB105	363.45	361.15	359.85	360.85	1.0	2.6
OB11	362.56	355.96	353.26	355.16	1.9	7.4
OB11A	361.90	355.9	352.70	354.20	1.5	7.7
OB12	405.01	390.71	386.81	389.91	3.1	15.1
OB015	410.01	392.71	387.01	391.71	4.7	18.3
OB025	361.89	355.69	352.79	355.59	2.8	6.3
MW1B	434.00		388.10	385.90	-2.2	48.1
MW2A	445.53		381.53	375.33	-6.2	70.2
MW2B	444.45		381.55	374.95	-6.6	69.5
MW3A	324.54		314.39	315.84	1.5	8.7
MW3B	324.73		316.13	317.63	1.5	7.1
MW04	324.75		317.90	318.25	0.4	6.5
MW06	417.29		400.59	401.20	0.6	16.09
MW07	433.81		389.51	392.41	2.9	41.4
MW08	412.66		388.86	394.76	5.9	17.9
MW09	417.69		398.19	401.49	3.3	16.2
MW10	394.03		385.13	390.33	5.2	3.7
MW11A	393.45		375.85	382.05	6.2	11.4
MW11B	393.40		374.95	379.10	4.1	14.3
MW12	397.55		382.20	384.55	2.4	13
MW13A	373.37		365.97	367.67	1.7	5.7
MW13B	373.35		366.95	368.45	1.5	4.9
AVERAGE WATER ELEVATION CHANGE (ft)					2.1	

NOTES:
- Elevations are from Sea Level

SPRING 2011 Data

General Groundwater Flow Direction at Gude Landfall - SPRING 2011