DEPARTMENT OF ENVIRONMENTAL PROTECTION

Isiah Leggett
County Executive

Robert Hoyt
Director

November 30, 2012

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

Dear Mrs. Hynson:

Please find enclosed the results of the latest water quality monitoring performed at the Gude Landfill for the Fall 2012. 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 March 2012 to September 2012. In addition to sampling results and analysis for the 20 observation wells and 5 stream locations specified in the approved G&SWM, this report also includes the monitoring results for an additional 16 monitoring wells constructed in 2010 at the site as part of an ongoing Nature and Extent Study being conducted by the County's Department of Environmental Protection - Division of Solid Waste Management in coordination with your Office. To differentiate between the two sets of observation wells; the 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, OB04, OB04A, OB06, OB07, OB07A, OB08, OB08A, OB10, OB102, OB105, OB15, and OB25.
  -
  - **Newly installed monitoring wells:** MW1B, MW2A, MW2B, MW3A, MW3B, MW04, MW06, MW07, MW10, MW11A, MW11B, and MW12.
  - **Stream Locations:** No VOCs were detected above the recommended MCL in any of the monitored stream locations.
- A total of 39 VOCs exceeded the recommended MCL in the following monitoring wells:
  - **Preexisting monitoring wells:** OB03 (4 exceedances), OB03A (4 exceedance), OB08 (1 exceedance), OB08A (1 exceedance), OB10 (2 exceedances), OB11 (5 exceedances), OB11A (4 exceedances), and OB12 (4 exceedances).
  - **Newly installed monitoring wells:** MW08 (1 exceedance), MW09 (1 exceedance), MW13A (6 exceedances), and MW13B (6 exceedances).

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

- 1,2-Dichloropropane concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB03A, OB12, MW13A and MW13B. Concentrations exceeding the MCL for this compound ranged from 5.64 ug/l in MW13A to 12.8 ug/l in OB03.
- cis-1-2-Dichloroethene concentration exceeded the MCL of 70 ug/l in observation wells OB03, OB03A, OB11, OB11A, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 79.8 ug/l in MW13A to 94.9 ug/l in OB03.
- Dichloromethane concentration exceeded the MCL of 5 ug/l in observation wells MW13A and MW13B. Concentrations exceeding the MCL for this compound were 6.02 ug/l in MW13A and 5.95 ug/l in MW13B.
- Tetrachloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB11, OB11A, OB12, MW09, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 13.6 ug/l in MW09 to 40.1 ug/l in OB11.
- Trichloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB03A, OB10, OB11, OB11A, OB12, MW08, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 5.37 ug/l at OB08 to 75.6 ug/l at OB03.
- Vinyl Chloride concentration exceeded the MCL of 2 ug/l in observation wells OB03, OB03A, OB08, OB08A, OB10, OB11, OB11A, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 3.68 ug/l in OB08 to 17.5 ug/l in OB03.

METALS AND OTHER PARAMETERS:

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

- A total of 18 metals and other non-organic contaminants exceeded the recommended MCL in the following monitoring locations:
  - **Preexisting monitoring wells:** OB04 (1 exceedance) OB04A, (2 exceedances), OB102 (1 exceedance) OB105 (1 exceedance), OB11 (2 exceedance), and OB25 (2 exceedances).
  - **Newly installed monitoring wells**: MW1B (1 exceedance), MW3A (1 exceedance), MW3B (2 exceedances), MW06 (1 exceedance), MW07 (1 exceedance), MW08 (1 exceedance), MW09 (1 exceedance), and MW12 (1 exceedance).
  - **Stream Locations**: No metal contaminants or other non-organic contaminants were detected above the recommended MCL in any of the monitored stream locations.

The following include a summary of these 18 metal concentrations exceeding the recommended MCLs.

- Arsenic with a recommended MCL of 0.01 mg/l was exceeded in samples collected from OB04, OB04A, and OB105 with concentrations ranging from 0.0101 mg/l to 0.0117 mg/l.
- Beryllium with a recommended MCL of 0.004 mg/l was exceeded in a sample collected from OB25 with a concentration of 0.00617 mg/l.
- Cadmium with a recommended MCL of 0.005 mg/l was exceeded in samples collected from OB11 with a concentration of 0.0104 mg/l and in MW06 with a concentration of 0.009 mg/l.
- Chromium with a recommended MCL of 0.1 mg/l was exceeded in a samples collected from MW1B with a concentration of 0.166 mg/l and in MW3B with a concentration of 0.184 mg/l.
- Lead with a recommended MCL of 0.015 mg/l was exceeded in samples collected from observation wells OB105, OB 25, MW3A, MW3B, MW08, MW09, and MW12 with concentrations ranging from 0.0155 mg/l in OB105 to 0.0544 mg/l in MW09. *(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 samples collected from well MW07 with a concentration of 22.65 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 noteworthy reductions in concentrations for most of metals in filtered samples. For filtered samples only four samples exceeded the recommended MCL concentration levels while a total of 14 metals contaminants were detected above the recommended MCL in unfiltered samples. Please note that most of the MCL exceedances for metals were only slightly above the recommended MCLs. Please refer to Table-A, Appendix D (Table of Metals) of this report for additional information on filtered and unfiltered sampling results for metals.

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

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

Sincerely,

David Lake, Manager
Water and Wastewater Policy Group

cc: Robert Hoyt, Director,
Department of Environmental Protection

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

WATER QUALITY MONITORING REPORT

for

GUDE LANDFILL

Montgomery County, Maryland

FALL 2012

Prepared by Montgomery County Department of Environmental Protection

Prepared for Maryland Department of Environment, Solid Waste Program

December 10, 2012

TABLE OF CONTENTS

Introduction:

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

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

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

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

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

1. Volatile Organic Chemical Sampling Results:

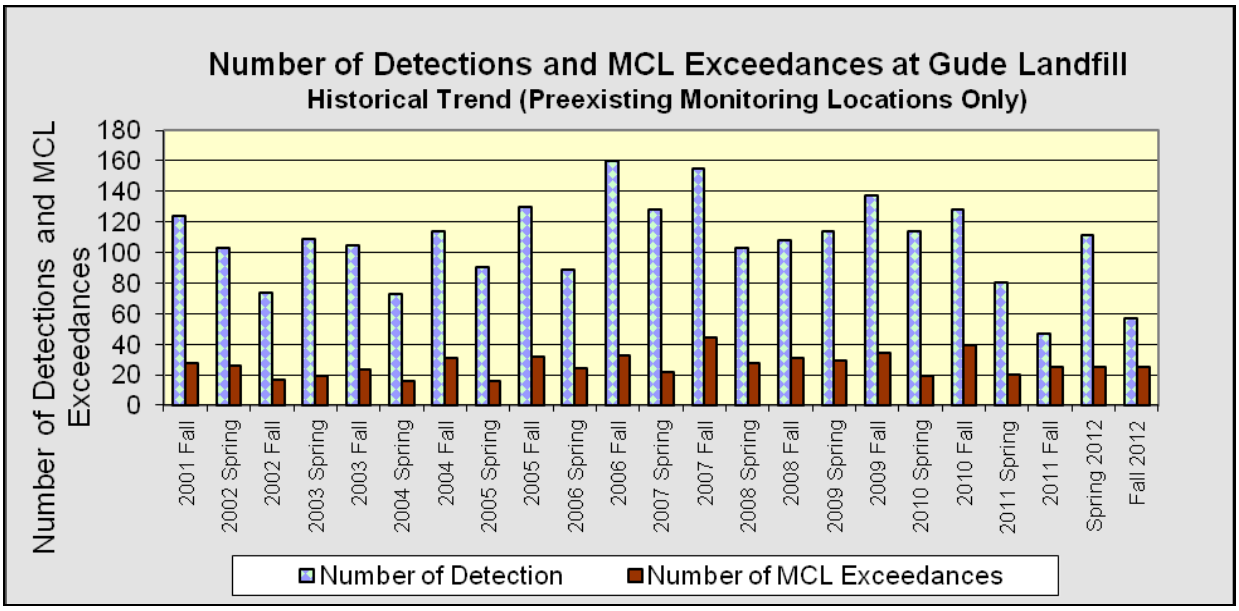
The highlights of the results for this reporting period are listed below. Please note that MCL (Maximum Contaminant Level) is a drinking water standard adopted by the U.S. EPA, its use in this report is as a reference only since this groundwater is not a source of drinking water. Please refer to Table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

- No VOCs were detected above recommended Maximum Contaminant Level (MCL) in the following monitoring wells and stream locations:
  - **Preexisting monitoring wells:** OB01, OB02, OB02A, OB04, OB04A, OB06, OB07, OB07A, OB08, OB08A, OB10, OB102, OB105, OB15, and OB25.
  -
  - **Newly installed monitoring wells:** MW1B, MW2A, MW2B, MW3A, MW3B, MW04, MW06, MW07, MW10, MW11A, MW11B, and MW12.
  - **Stream Locations:** No VOCs were detected above the recommended MCL in any of the monitored stream locations.
- A total of 39 VOCs exceeded the recommended MCL in the following monitoring wells:

- **Preexisting monitoring wells:** OB03 (4 exceedances), OB03A (4 exceedance), OB08 (1 exceedance), OB08A (1 exceedance), OB10 (2 exceedances), OB11 (5 exceedances), OB11A (4 exceedances), and OB12 (4 exceedances).
- **Newly installed monitoring wells:** MW08 (1 exceedance), MW09 (1 exceedance), MW13A (6 exceedances), and MW13B (6 exceedances).

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

- 1,2-Dichloropropane concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB03A, OB12, MW13A and MW13B. Concentrations exceeding the MCL for this compound ranged from 5.64 ug/l in MW13A to 12.8 ug/l in OB03.
- cis-1-2-Dichloroethene concentration exceeded the MCL of 70 ug/l in observation wells OB03, OB03A, OB11, OB11A, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 79.8 ug/l in MW13A to 94.9 ug/l in OB03.
- Dichloromethane concentration exceeded the MCL of 5 ug/l in observation wells MW13A and MW13B. Concentrations exceeding the MCL for this compound were 6.02 ug/l in MW13A and 5.95 ug/l in MW13B.
- Tetrachloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB11, OB11A, OB12, MW09, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 13.6 ug/l in MW09 to 40.1 ug/l in OB11.
- Trichloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB03A, OB10, OB11, OB11A, OB12, MW08, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 5.37 ug/l at OB08 to 75.6 ug/l at OB03.
- Vinyl Chloride concentration exceeded the MCL of 2 ug/l in observation wells OB03, OB03A, OB08, OB08A, OB10, OB11, OB11A, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 3.68 ug/l in OB08 to 17.5 ug/l in OB03.



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

2. Inorganic and Metals Sampling Results:

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

- A total of 18 metals and other non-organic contaminants exceeded the recommended MCL in the following monitoring locations:
  - **Preexisting monitoring wells:** OB04 (1 exceedance) OB04A, (2 exceedances), OB102 (1 exceedance) OB105 (1 exceedance), OB11 (2 exceedance), and OB25 (2 exceedances).
  - **Newly installed monitoring wells**: MW1B (1 exceedance), MW3A (1 exceedance), MW3B (2 exceedances), MW06 (1 exceedance), MW07 (1 exceedance), MW08 (1 exceedance), MW09 (1 exceedance), and MW12 (1 exceedance).
  - **Stream Locations**: No metal contaminants or other non-organic contaminants were detected above the recommended MCL in any of the monitored stream locations.

The following include a summary of these 18 metal concentrations exceeding the recommended MCLs.

- Arsenic with a recommended MCL of 0.01 mg/l was exceeded in samples collected from OB04, OB04A, and OB105 with concentrations ranging from 0.0101 mg/l to 0.0117 mg/l.
- Beryllium with a recommended MCL of 0.004 mg/l was exceeded in a sample collected from OB25 with a concentration of 0.00617 mg/l.
- Cadmium with a recommended MCL of 0.005 mg/l was exceeded in samples collected from OB11 with a concentration of 0.0104 mg/l and in MW06 with a concentration of 0.009 mg/l.
- Chromium with a recommended MCL of 0.1 mg/l was exceeded in a samples collected from MW1B with a concentration of 0.166 mg/l and in MW3B with a concentration of 0.184 mg/l.
- Lead with a recommended MCL of 0.015 mg/l was exceeded in samples collected from observation wells OB105, OB 25, MW3A, MW3B, MW08, MW09, and MW12 with concentrations ranging from 0.0155 mg/l in OB105 to 0.0544 mg/l in MW09. *(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 samples collected from well MW07 with a concentration of 22.65 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 noteworthy reductions in concentrations for most of metals in filtered samples. For filtered samples only four samples exceeded the recommended MCL concentration levels while a total of 14 metals contaminants were detected above the recommended MCL in unfiltered samples. Please note that

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

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

3. Physical Water Quality Measurements:

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

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

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

4. Groundwater Elevations and Flow:

The groundwater elevation measurements of all the monitoring wells for the past monitoring events are included in Table-5 of this report. The results obtained from all the preexisting and recently installed monitoring wells indicate that the groundwater elevation at Gude Landfill has decreased by an overall average of 2.7 ft from March 2012 to September 2012. Based on the groundwater elevation measurements collected from all (36) monitoring wells around the perimeter of the landfill, it appears that the groundwater flow at Gude Landfill is consistent with the topography of the Landfill itself. The groundwater appears to be flowing outward from the center toward the edges of the landfill. These outward flow directions seem to be more distinct on the southern and eastern portion of the landfill with minor flow components to the north and northeast. In general, the groundwater flow appears to basically follow the direction of surface water around the Gude Landfill.

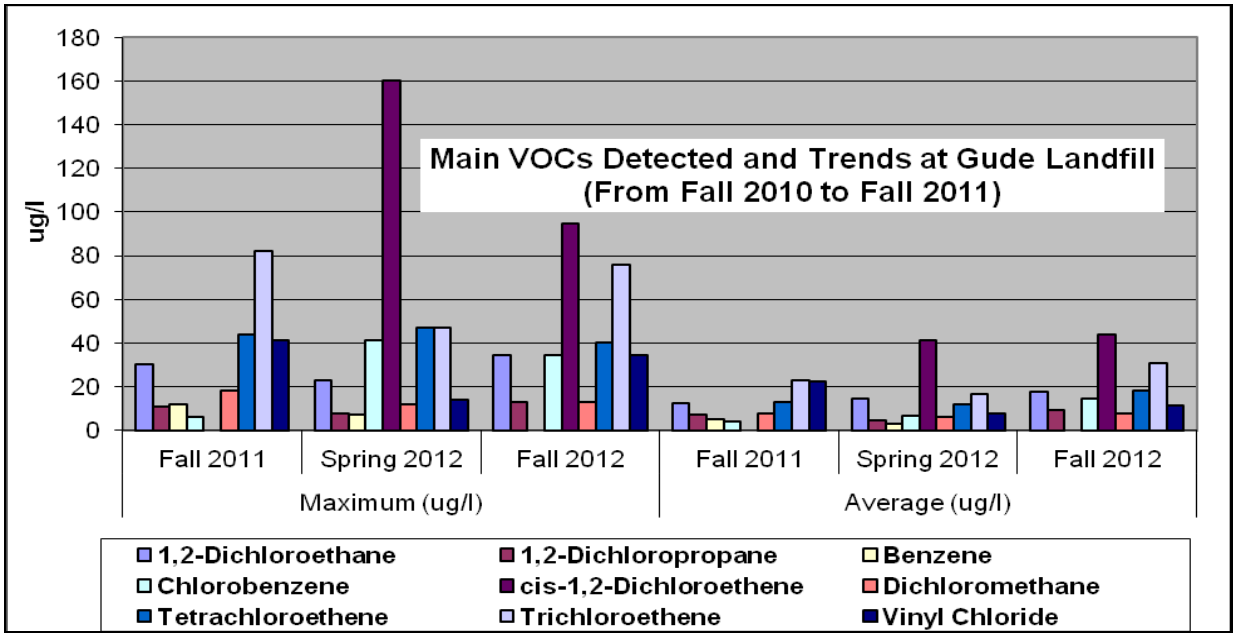
5. Conclusions/Trend Analysis:

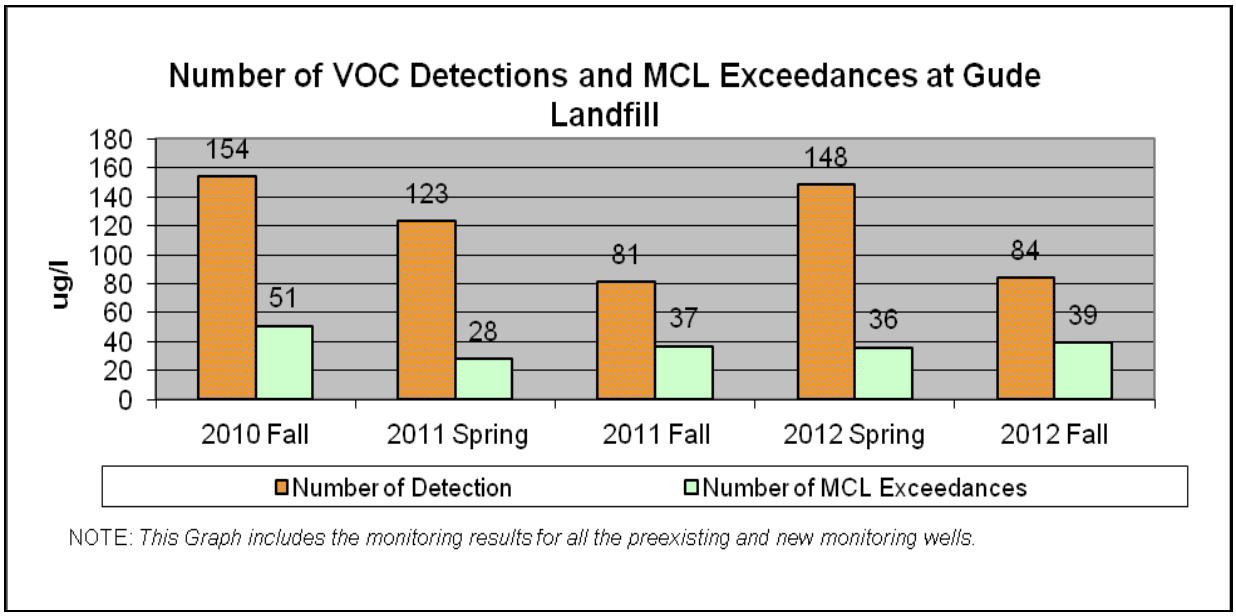
Results obtained from the latest monitoring activities (Fall 2012) are similar and comparable to those collected from prior monitoring results for the past several years. Major findings indicate that:

I. There are indications of some low level groundwater and surface water contamination in the vicinity of Gude Landfill including multiple MCL exceedances.
II. Detected contaminants at Gude Landfill mainly involve chlorinated solvent degradation

products including 1,1-Dichloroethane, 1,2-Dichloropropane, cis-1,2-Dichloroethene, Tetrachloroethene, Trichloroethene, and Vinyl Chloride.

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





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.

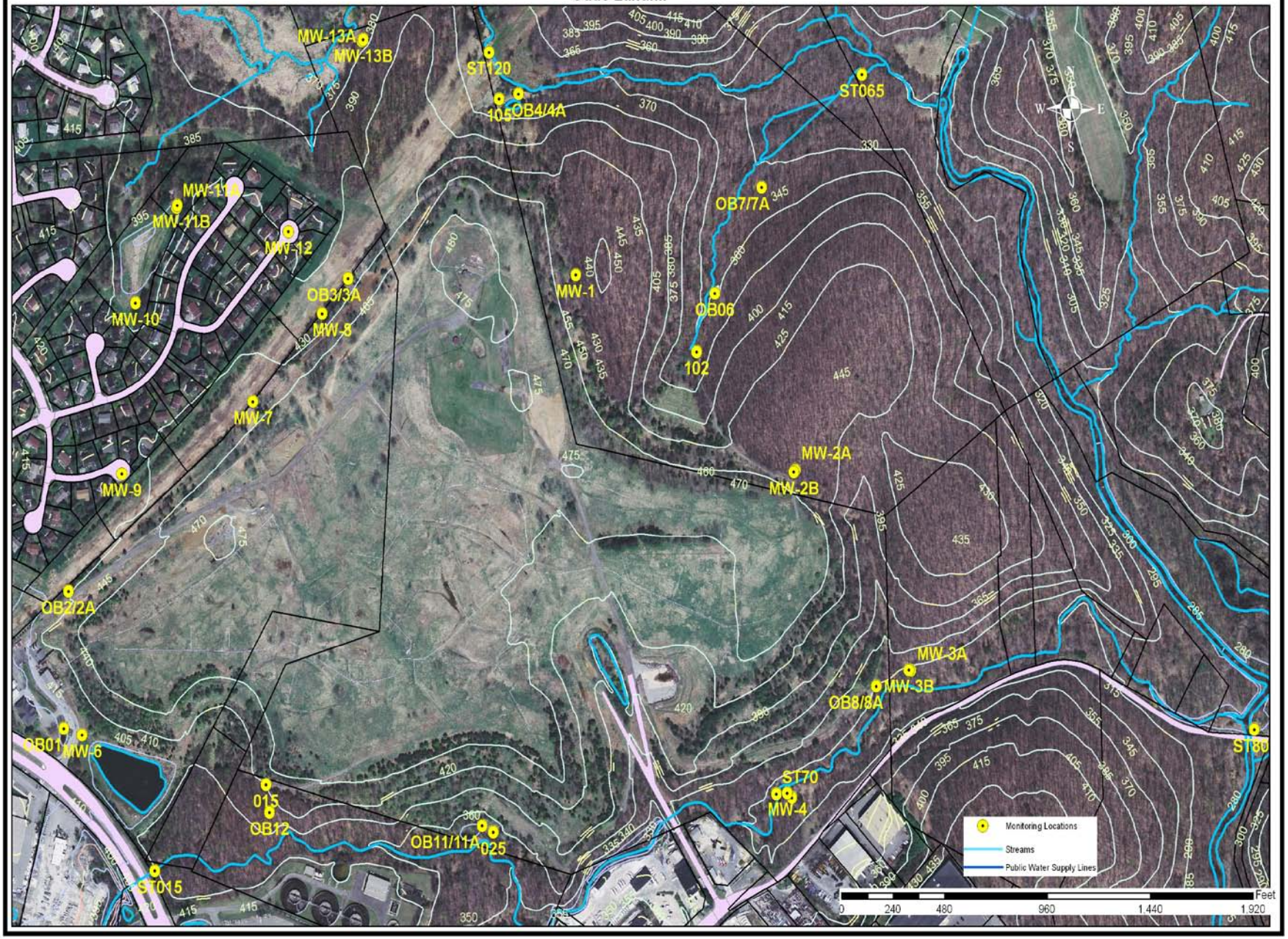
- Groundwater flow around the landfill appears to follow the general topography of the area where the landfill is located and it follows the general surface water flow direction. The overall surface water flow in the area is towards the east and south away from the landfill.
- Most of the detected groundwater 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
FALL 2012	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	34.4	30.5	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	**12.8**	**10.5**	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	16.6	14.1	5.7	6.94	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	**94.9**	**94.6**	12.4	16.4	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	7.24	6.13	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	**75.6**	**64.8**	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	**17.5**	**15.8**	ND	ND	ND	ND
	Xylenes (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT

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

TABAL 1 - Volatile Organic Compounds

	Parameter	OB07A	OB08	OB08A	OB10	OB102	OB105	OB11	OB11A	OB12
FALL 2012	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	4.06	ND	ND	22.4	15.8	18.3
	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	**9.71**
	1,4-Dichlorobenzene	ND	ND	4.19	7.09	ND	4.51	14.8	13.7	6.4
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	4.41	5.04	ND	ND	ND	34.5	22.3	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	14.6	19.6	25.6	ND	15	**94.8**	**89**	32.1
	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	**13**	ND	**5.01**
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	**40.1**	**22.8**	**26.5**
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	**14.4**	ND	ND	**34.2**	**24.7**	**24.9**
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	**3.68**	**4.99**	**12.5**	ND	ND	**14.1**	**13.1**	ND
	Xylenes (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT

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

TABAL 1 - Volatile Organic Compounds

	Parameter	OB15	OB25	ST015	ST120	ST65	ST70	ST80	MW1B	MW2A
FALL 2012	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	3.65	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	3.3	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	9.55	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	3.3
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT

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

TABAL 1 - Volatile Organic Compounds

	Parameter	MW2B	MW3A	MW3B	MW04	MW06	MW07	MW08	MW09	MW10
FALL 2012	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	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	6.24	ND	4.03	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	6.56	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	18.1	5.12	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	3.27	ND	ND	ND	ND	3.56	ND	**13.6**	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	3.58	**5.37**	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT

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

TABAL 1 - Volatile Organic Compounds

	Parameter	MW11A	MW11B	MW12	MW13A	MW13B
FALL 2012	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	15.6	13.9
	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	**5.64**	**7.73**
	1,4-Dichlorobenzene	ND	ND	ND	5.12	9.67
	2-Butanone	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	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	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	**79.8**	**82**
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	**6.02**	**5.95**
	Ethylbenzene	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	**25.7**	**26.5**
	Toluene	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	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	**30.2**	**27.6**
	Trichlorofluoromethane	ND	ND	ND	ND	ND
	Vinyl Acetate	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	**8.58**	**9.83**
	Xylenes (Total)	NT	NT	NT	NT	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2005-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	2011-F	2012-S	2012-F
OB01	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	2.03	1.37	ND	2.31	1.48	1.09	NS	1.02	1.85	0.75	1.33	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	1.1	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	NS	ND	NT	1	1.48	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.46	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	1.1	1.45	1.28	1.04	ND	ND	NS	ND	ND	0.59	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	1.37	ND	2.16	1.51	1.78	ND	NS	ND	1.94	2.81	3.19	ND	ND	1.9	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.39	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	1.26	ND	1.21	ND	NS	ND	1.03	1.57	1.43	ND	ND	1.3	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.25	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.92	0.74	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	5.98	34.36	16.06	34.18	22.85	25.5	14.78	NS	ND	11.8	ND	7.71	6.6	ND	6.2	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.36	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	0.77	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.34	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	1.26	ND	ND	ND	NS	1.2	ND	0.51	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	1.09	ND	1.13	ND	1.42	ND	NS	ND	ND	0.67	0.70	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	1.03	2.49	2.25	2.34	1.52	1.44	ND	NS	ND	ND	0.85	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	**4.4**	**3.32**	**5.26**	1.42	**4.75**	1.31	NS	ND	ND	**2.77**	**5.09**	ND	ND	1.2	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT

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

Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
OB02	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	**1.13**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	1.28	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.48	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.18	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	1.33	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	4.53	6.06	1.79	1.41	1.14	1.19	1.96	1.38	1.15	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	1.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	1.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	1.36	2.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
OB02A	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	1.5	ND	ND	ND
	cis-1,2-Dichloroethene	19.58	43.45	6.9	ND	ND	5.96	ND	6.87	9.19	ND	0.65	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	2.46	1.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**5.14**	4.6	2.27	ND	ND	1.57	ND	1.39	1.01	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	1.39	1.74	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	ND	ND	ND	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
OB03	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	29.03	42.38	36.78	21.95	34.7	44.7	47.23	36.07	48.38	45	13.2	36.40	23	ND	23	34.4
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.71	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	**1.07**	ND	ND	ND	ND	ND	1.52	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	1.4	1.41	ND	2.1	1.51	2.83	1.82	1.34	ND	NT	0.83	1.92	ND	ND	1.2	ND
	1,2-Dichloroethane	1.89	3.03	2.58	3.87	2.95	**5.32**	4.98	4.09	4.81	ND	1.24	3.84	ND	**6**	ND	ND
	1,2-Dichloropropane	**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	**11**	**6.8**	**12.8**
	1,4-Dichlorobenzene	11.14	10.97	10.01	15.05	13.83	16.69	7.97	ND	ND	13.6	11.7	11.30	ND	ND	9.7	16.6
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.12	ND	8.1	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	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	**5.5**	1.9	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	1.03	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	3.9	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	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	2.4	3.1	ND
	Chloroethane	1.9	1.73	1.48	1.49	1.59	ND	1.23	1.19	1.61	1.55	0.79	1.51	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	5.3	1.7	ND	ND
	cis-1,2-Dichloroethene	56.21	**98.51**	**71.67**	**128.85**	**87.59**	**148.91**	**161.47**	**120.9**	**164.77**	**156**	31.7	**117.00**	38	ND	**71**	**94.9**
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	**6.33**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	5.57	ND	2.05	ND	1.71	2.6	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	1.33	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	3.06	**23.14**	1.85	**22.97**	ND	**27.73**	ND	ND	4.49	ND	ND	**11.00**	ND	**6.2**	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	2.46	ND	ND	1.49	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	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	14	4.8	7.24
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**110.03**	**92.22**	**71.55**	**112.28**	**76.03**	**108.24**	**132.6**	**107.44**	**130.79**	**131**	**17.4**	**81.60**	**21**	**82**	**47**	**75.6**
	Trichlorofluoromethane	3.3	2.44	3.18	4.34	ND	ND	ND	ND	ND	4.88	ND	ND	ND	8.3	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	ND	ND	ND	ND
	Vinyl Chloride	**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**	**41**	**14**	**17.5**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
OB03A	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parameter	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	2.73	42.13	18.85	23.61	15.56	44.14	50.9	41.01	46.99	25.3	3.23	32.40	ND	ND	11	30.5
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	1.54	ND	2.11	1.23	2.07	2	1.65	ND	NT	0.42	0.81	ND	ND	ND	ND
	1,2-Dichloroethane	ND	3.3	1.82	3.59	1.33	**5.52**	**5.07**	4.4	4.1	ND	ND	3.30	ND	3.7	ND	ND
	1,2-Dichloropropane	ND	**12.09**	**7.02**	**12.72**	4.05	**14.78**	**14.83**	**13.07**	**13.54**	**9.1**	0.92	**10.80**	ND	**8.1**	2.9	**10.5**
	1,4-Dichlorobenzene	10.38	11.61	9.64	15.61	16.31	14.76	7.67	ND	ND	12.6	5.92	9.28	ND	ND	6.3	14.1
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.6	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.13	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	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	4.7	1.3	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	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	3.3	3.4	ND
	Chloroethane	1.02	1.41	ND	1.53	1.42	1.63	1.43	1.38	1.69	1.21	0.33	1.31	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	1.54	ND	1.5	ND	ND
	cis-1,2-Dichloroethene	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	ND	33	**94.6**
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	ND	ND	1.39	1.15	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	**30.99**	ND	**29.4**	ND	**33.23**	1.66	**26.21**	3.67	**7.11**	ND	**17.80**	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	1.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	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	9	2.3	6.13
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	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	**56**	**18**	**64.8**
	Trichlorofluoromethane	ND	ND	ND	3.77	ND	ND	ND	ND	ND	3.08	ND	2.47	ND	6.5	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	NT	ND	ND	ND
	Vinyl Chloride	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	**31**	ND	**15.8**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
OB04	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.35	ND	22	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.45	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.46	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.52	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	5.11	ND	5.96	5.53	6.19	ND	ND	ND	6.06	5.92	2.91	ND	ND	5.9	5.7
	2-Butanone	11.51	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.41	0.65	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.49	11.90	6.6	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	1.33	ND	1.65	1.7	1.85	ND	1.21	1.68	1.62	1.6	2.04	2.2	ND	1.6	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	1.11	1.05	1.19	ND	ND	ND	1.09	1.18	0.90	ND	ND	1.4	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	7.5	ND	ND	ND
	cis-1,2-Dichloroethene	1.38	18.27	2.59	18.58	18.76	20.95	6.45	15.43	18.92	17	16.8	8.32	67	ND	14	12.4
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	2.53	ND	1.48	1.6	1.42	ND	ND	1.42	1.93	1.72	1.03	**7.7**	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	1.15	ND	2.23	1.93	2.07	ND	1.34	1.99	1.25	1.69	0.70	**13**	ND	2	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.45	ND	5.4	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	1.71	ND	2.19	1.82	2.12	ND	1.4	1.82	1.66	1.51	1.08	**17**	ND	1.6	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.8	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	1.57	ND	1.33	1.23	1.7	ND	ND	1.47	1.53	1.26	**2.16**	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
OB04A	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.47	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57	0.51	ND	ND	ND	ND
	1,4-Dichlorobenzene	5.63	ND	4.58	7.3	6.87	7.42	ND	4.46	ND	7.33	6.97	4.66	ND	ND	7.6	6.94
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	0.78	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	18.60	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	1.65	1.72	1.83	1.4	1.32	1.65	1.68	1.65	2.45	ND	2.1	1.6	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	1.08	1.02	1.17	ND	ND	1.07	1.14	1.14	0.87	ND	ND	1.3	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	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	ND	20	16.4
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	2.44	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	1.84	ND	1.5	2.77	3.31	2.67	2.45	ND	2.98	3.38	3.18	3.39	ND	4.4	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	1.45	1.92	1.77	1.65	1.42	1.34	1.7	1.23	1.52	0.60	ND	1.3	1.9	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.55	ND	ND	2.2	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	1.53	ND	1.87	2.24	1.93	2.08	1.96	1.45	1.87	1.83	1.71	1.07	ND	1.3	1.9	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	ND	ND	ND	ND
	Vinyl Chloride	1.43	ND	ND	1.15	1.06	**2.02**	1.37	1.39	1.65	**2.12**	1.83	**2.78**	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT

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

Location	Parameter	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	2011-F	2012-S	2012-F
OB06	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	11	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	1.08	ND	11	ND	1.44	1.03	ND	ND	1.43	ND	0.93	ND	ND	7	ND
	2-Butanone	ND	ND	ND	ND	NT	ND	NT	NT	NT	ND	0.57	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	NT	ND	NT	NT	NT	ND	0.14	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.66	0.56	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	0.91	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	2.17	ND	2.77	NT	2.92	2.31	2.39	2.55	2.12	1.82	1.64	ND	ND	1.6	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	1.11	1.15	ND	ND	1.01	ND	ND	0.68	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.36	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
OB07	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	**19**	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.54	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	10	ND	ND	ND	NS	ND	NT	0.47	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	**5.3**	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	10	ND	ND	ND	NS	ND	ND	0.58	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	**7.9**	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	1.38	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	1.81	ND	ND	ND	NS	1.45	1.63	1.3	1.48	ND	ND	1.7	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	1.68	ND	ND	ND	NS	1.3	ND	1.23	1.61	ND	**23**	ND	ND
	Toluene	1.14	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.49	0.72	ND	**23**	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT

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

Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
OB07A	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	11	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	0.23	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	1.20	ND	ND	ND	ND
	cis-1,2-Dichloroethene	1.01	1.45	1.05	2.6	2.02	2.02	2.09	1.85	3.51	3	1.66	1.80	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**5.8**	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	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	**23**	2	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND		NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.64	0.88	ND	**21**	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT

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

Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
OB08	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	1.23	ND	ND	ND	ND	1.2	0.46	0.87	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.54	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	1.01	ND	NT	ND	ND	ND	ND	ND	ND	NT	0.59	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	0.36	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	1.78	1.59	1.67	ND	ND	1.24	1.16	1.19	0.78	1.2	ND	1.6	ND
	1,4-Dichlorobenzene	ND	ND	NT	2.1	3.35	3.16	ND	ND	ND	2.15	2.92	1.84	ND	ND	4	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	2.7	0.21	0.50	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	1.09	ND	ND	ND	ND	ND	ND	0.63	0.66	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	4.81	4.14	4.04	ND	ND	22.02	1.95	3.13	3.31	6.1	ND	5.7	4.41
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.41	0.55	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	2.6	ND	ND	ND
	cis-1,2-Dichloroethene	ND	1.34	ND	9.92	8.88	11.07	3.92	3.1	10.93	10.4	10.3	8.39	8.9	ND	17	14.6
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.38	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	0.44	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	1.22	1.11	1.26	ND	ND	ND	ND	0.87	0.66	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.42	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.02	ND	3.2	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	**2.67**	**2.47**	**2.98**	ND	ND	**2.04**	**2.35**	**2.91**	**3.18**	ND	ND	**4**	**3.68**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
OB08A	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	1.43	1.05	ND	ND	ND	1.47	0.44	0.97	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	1.07	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.32	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.38	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	2.53	2.17	2.33	1.22	ND	2.11	2.02	1.47	1.10	ND	ND	2	ND
	1,4-Dichlorobenzene	ND	ND	ND	5.86	4.47	4.75	ND	ND	ND	3.97	3.34	2.83	ND	ND	4.7	4.19
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	1.39	1.23	1.26	ND	ND	1.09	1.03	0.89	0.99	ND	ND	1.1	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	5.54	4.84	4.64	2.27	ND	3.43	3.38	3.93	4.22	7.3	ND	6.6	5.04
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.47	0.62	1	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	0.89	4	ND	ND	ND
	cis-1,2-Dichloroethene	ND	3.73	4.33	18.21	14.02	21.08	10.07	8.42	22.57	21.2	13.4	14.10	12	ND	21	19.6
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	0.42	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	1.79	1.45	1.89	ND	ND	1.48	1.37	0.99	0.89	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	2.44	2.26	3.72	1.51	2.3	ND	ND	1.52	1.29	0.64	0.51	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	4	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	**4.03**	**3.44**	**4.8**	1.6	ND	**5.16**	**6.5**	**4.11**	**4.76**	ND	ND	**5.4**	**4.99**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	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	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	2011-F	2012-S	2012-F
OB10	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.06
	1,1-Dichloroethane	1.99	2.99	ND	ND	2.2	4.99	1.04	1.51	ND	3.49	ND	5.60	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	11	ND	1.19	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.64	ND	ND	ND	ND
	1,2-Dichloropropane	2.01	2.36	1.08	ND	1.48	4.46	1.55	1.84	ND	2.53	1.26	2.65	ND	ND	2.8	7.09
	1,4-Dichlorobenzene	2.03	2.53	ND	11	1.02	6.22	ND	ND	ND	4.84	2.1	5.54	ND	ND	5	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	1.67	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	1.87	ND	ND	ND	2.86	ND	1.1	ND	1.72	0.82	2.04	ND	2.4	1.6	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.22	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	1.03	NT	NT	NT	ND	ND	ND	2.3	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	1.01	ND	ND	ND	ND	0.32	0.98	ND	ND	1.2	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24	0.68	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	6.2	ND	ND	25.6
	cis-1,2-Dichloroethene	10.04	21.18	4.81	ND	13.7	34.09	20.83	9.73	ND	17.9	11.5	24.00	9.6	ND	24	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	2.28	ND	ND	ND	2.47	ND	ND	ND	ND	1.03	2.86	1.95	ND	2.3	1.8	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	1.07	1.96	ND	ND	ND	5.04	1.12	1.49	ND	2.39	1.18	3.94	ND	3.9	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	**14.4**
	Trichloroethene	**15.67**	**23.54**	**8.76**	ND	**10.6**	**28.64**	1.31	3.73	ND	**13.3**	**5.27**	**13.40**	ND	**11**	**12**	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	**12.5**
	Vinyl Chloride	**5.66**	**9.35**	ND	ND	**2.43**	**16.03**	**2.15**	**12.62**	ND	**6.07**	**2.39**	**11.70**	ND	**17**	**9**	NT
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
OB102	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	12	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	1.78	2.32	ND	12	2.03	ND	1.81	1.43	ND	ND	1.6	1.12	ND	ND	1.4	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	0.53	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.25	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	1.17	1.31	1.54	1.65	1.74	2.43	1.65	1.41	3.43	2.27	1.7	1.51	ND	ND	2.6	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.05	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	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	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	0.47	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	**2.33**	ND	1.11	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	ND	ND	ND	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
OB105	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.55	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	1.03	ND	ND	ND	2.23	ND	1.46	ND	3.38	0.72	3.32	ND	ND	3.9	4.51
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.23	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	1.27	ND	31.10	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.90	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.55	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.89	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	3.71	ND	ND	ND	8.03	ND	7.14	ND	11.1	0.97	ND	ND	ND	14	15
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.77	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.25	ND	1.38	ND	2.1	1.4	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	1.31	ND	ND	ND	**2.04**	ND	ND	ND	1.51	ND	**3.03**	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
OB11	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	1.52	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	12.43	17.06	13.27	15.9	29.18	29.33	11.14	23	31.01	33.4	20.4	15.10	ND	ND	21	22.4
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	0.89	1.03	0.45	0.93	**25**	**30**	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	1.03	ND	ND	2.89	2.38	2.42	1.03	1.55	ND	NT	1.75	1.51	3.9	ND	3	ND
	1,2-Dichloroethane	1.4	1.28	1.38	3.81	ND	**5.36**	3.16	3.68	4.66	4.72	ND	3.94	2.8	ND	ND	ND
	1,2-Dichloropropane	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**	**7.2**	**6.3**	ND
	1,4-Dichlorobenzene	5.46	1.43	ND	13.38	12.63	13.36	2.46	6.43	ND	14.6	9.13	9.85	ND	ND	17	14.8
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	0.95	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	24.60	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	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**	**12**	**6.9**	ND
	Bromochloromethane	ND	ND	ND	1.94	2.25	1.22	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	31.35	15.03	12.61	60.16	56.32	61.28	11.69	35.91	52.75	50	28.3	34.30	52	ND	41	34.5
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57	ND	17	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	2.3	ND	ND	ND
	cis-1,2-Dichloroethene	53.18	46.22	45.81	**149.39**	**164.85**	**176.66**	**92.93**	**137.27**	**190.55**	**184**	**123**	**73.60**	ND	ND	**160**	**94.8**
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	4.41	ND	2.51	**42.44**	**42.01**	**35.48**	**9.24**	**19.47**	**28.72**	**30.6**	7.21	**24.20**	**16**	**18**	**12**	**13**
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	2.2	ND	6.41	2.67	ND	1.65	5.6	ND	2.6	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	**34.22**	**26.31**	**20.17**	**65.48**	**62**	**60.22**	**32.4**	**52.48**	**67.92**	**43.9**	**35.6**	**19.60**	**26**	**44**	**47**	**40.1**
	Toluene	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	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	3.3	4.6	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**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**	**37**	**39**	**34.2**
	Trichlorofluoromethane	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	ND	3.3	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.25	ND	ND	ND	ND	ND
	Vinyl Chloride	**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**	ND	**13**	**14.1**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
OB11A	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	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	ND	15	15.8
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.07	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.8**	ND	ND	ND
	1,2-Dichlorobenzene	ND	1.99	ND	1.84	1.29	1.88	2.45	2.05	ND	NT	1.67	1.10	2.8	ND	2.1	ND
	1,2-Dichloroethane	ND	3.16	3.15	2.36	ND	**5.76**	**5.34**	4.48	3.6	ND	2.7	1.88	ND	ND	ND	ND
	1,2-Dichloropropane	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	ND	4.6	ND
	1,4-Dichlorobenzene	ND	10.33	8.3	9.1	8.58	15.32	11.24	12.3	ND	15.2	13.4	9.32	ND	ND	15	13.7
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.12	22.80	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	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	ND	4.3	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	5.74	51.74	51.24	34.47	23.03	52.49	42.48	39.6	33.51	36.9	21.3	20.60	29	ND	24	22.3
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.39	0.89	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND
	cis-1,2-Dichloroethene	23.84	**126.58**	**119.67**	**100.04**	**86.72**	**189.64**	**189.43**	**173.52**	**148.44**	**168**	**113**	**81.60**	**76**	ND	**100**	**89**
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	**10.77**	**8.39**	3.6	2.74	**9.3**	**5.59**	1.73	2.72	1.77	2.4	**5.45**	1.8	ND	**5.9**	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	4.33	ND	5.76	2.49	ND	2.00	3.8	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	**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**	ND	**27**	**22.8**
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	4.65	3.57	3.67	2.74	8.79	9.82	10.82	5.07	5.45	3.07	3.18	ND	ND	3.1	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**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**	ND	**28**	**24.7**
	Trichlorofluoromethane	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	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.27	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	**13.3**	**7.95**	**12.01**	**10.23**	**18.34**	**13.71**	**12.75**	**13.43**	**15.4**	**10.2**	**31.60**	**11**	ND	**12**	**13.1**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
OB12	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	11.6	2.66	4.97	2.74	12.73	8.14	12.72	10.97	22.7	10.6	39.20	23	ND	21	18.3
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.54	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	11	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	1.59	ND	1.08	ND	ND	0.63	1.17	ND	ND	ND	ND
	1,2-Dichloropropane	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	ND	**5.8**	**9.71**
	1,4-Dichlorobenzene	ND	2.01	ND	11	1.5	3.77	ND	2.82	ND	4.18	2.83	4.51	ND	ND	5.4	6.4
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.59	0.70	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	1.58	ND	2.15	ND	3.54	1.89	2.66	1.82	2.63	1.89	3.46	2.2	ND	3.5	ND
	Bromochloromethane	ND	ND	ND	1.29	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.21	0.92	1.46	ND	ND	2.1	ND
	Chloroethane	7.36	1.27	2.69	1.03	ND	ND	ND	2.5	2.61	1.39	0.87	1.64	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND
	cis-1,2-Dichloroethene	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	ND	23	32.1
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	**7.22**	ND	**12.3**	1.72	**6.16**	**9.35**	**6.24**	4.91	**8.27**	**11.3**	**8.19**	**10**	ND	ND	**5.01**
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	0.85	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	4.85	**12.43**	**5.03**	**21.98**	ND	**23.67**	**16.57**	**21.49**	**7.95**	**15.4**	**20**	**17.10**	**12**	1.8	**22**	**26.5**
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	1.38	ND	2.68	1.42	1.52	1.23	1.91	1.62	2.44	1.8	ND	2.5	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	**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**	ND	**17**	**24.9**
	Trichlorofluoromethane	ND	2.57	ND	2.26	ND	3.46	1.91	1.78	ND	2.42	1.8	3.80	4.5	ND	2.2	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	6.6	ND	ND	ND
	Vinyl Chloride	1.01	1.8	ND	**6.32**	1.54	**2.9**	**6.72**	**3.97**	**6.99**	**6.3**	**7.32**	**6.22**	ND	ND	**6.4**	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
OB15	1,1,1,2-Tetrachloroethane	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	1.48	NS	3.19	1.88	7.04	NS	4.2	4.03	4.04	4.62	1.08	12.00	2.3	ND	3.1	ND
	1,1-Dichloroethene	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	1.34	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	NS	ND	11	ND	NS	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	1.07	NS	ND	11	ND	NS	ND	ND	ND	ND	0.28	ND	ND	ND	ND	ND
	2-Butanone	ND	NS	ND	6.45	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	NS	ND	ND	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NS	NT	NT	NT	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	NS	ND	ND	ND	NS	NT	NT	NT	ND	0.61	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NS	NT	NT	NT	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	NS	ND	ND	ND	NS	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	NS	ND	ND	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	3.6	ND
	Chloroethane	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	0.05	0.98	ND	ND	ND	ND
	Chloroform	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NS	NT	NT	NT	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	NS	ND	ND	1.28	NS	1.1	1.51	1.17	1.51	1.18	1.02	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	NS	ND	ND	ND	NS	Nt	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NS	NT	NT	NT	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	0.48	0.54	ND	ND	1.1	ND
	Toluene	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	0.39	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	NS	ND	ND	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	NS	2.73	1.75	1.16	NS	ND	ND	ND	ND	2.31	1.23	1.1	ND	2.2	ND
	Trichlorofluoromethane	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NS	NT	NT	NT	NS	NT	NT	NT	NT	0.01	ND	ND	ND	ND	ND
	Vinyl Chloride	6.37	NS	6.33	11.66	18.4	NS	6.29	9.17	2.78	3.92	3.55	10.20	ND	ND	1.9	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
OB25	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.13	0.63	1.11	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**143**	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.38	ND	ND	ND	3.16	0.71	3.80	ND	ND	3.7	3.3
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.45	0.87	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.82	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.11	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	1.58	ND	1.07	ND	1.93	0.47	4.50	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.17	0.69	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	2.56	6.07	4.38	6.23	4.12	7.5	4.52	6.82	ND	ND	4.9	9.55
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	1.44	ND	ND	ND	ND	ND	0.86	ND	ND	3.8	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	1.04	2.43	1.21	ND	ND	1.66	0.81	2.24	ND	ND	2.1	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	1.21	ND	**2.15**	ND	**5.29**	ND	**4.29**	ND	**2.61**	0.38	**4.04**	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
ST015	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	2.82	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	1.8	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	3.65
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	3.69	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	**5.52**	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	**2.56**	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	10	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	10	ND	ND	ND	NS	ND	ND	0.27	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	NT	ND	ND	ND	NT	NS	NT	ND	ND	0.56	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	0.27	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	1.11	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	1.09	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.78	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	1.04	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	2.33	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	1.15	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	1.45	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	3.64	ND	NS	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	5.94	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	1.06	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	1.4	ND	1.1	NS	2.2	ND	1.38	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NS	NT	NT	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT

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

Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
ST120	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.22	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.21	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	1.8	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	0.87	4.9	ND	ND	ND
	cis-1,2-Dichloroethene	ND	1.22	ND	2.52	ND	2.99	1.22	ND	1.15	1.54	0.57	1.26	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	1.65	ND	1.56	ND	ND	ND	ND	ND	1.10	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	1.33	ND	1.4	ND	ND	ND	ND	0.27	0.90	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
ST65	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	1.13	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	**1.04**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	11	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	1.34	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	0.17	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	1.17	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	0.81	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	9.43	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	**7.13**	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	1.29	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	3.6	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2005-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	2011-F	2012-S	2012-F
ST70	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	10	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	0.19	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.28	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	1.04	ND	1.17	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	3.82	ND	7.27	1.19	4.27	1.04	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	2.2	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2005-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	2011-F	2012-S	2012-F
ST80	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	10	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.69	1.49	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	1.6	NT

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2005-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	2011-F	2012-S	2012-F
MW1B	1,1,1,2-Tetrachloroethane												NT	ND	ND	ND	ND
	1,1,1-Trichloroethane												NT	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane												NT	ND	ND	ND	ND
	1,1,2-Trichloroethane												NT	ND	ND	ND	ND
	1,1-Dichloroethane												NT	ND	ND	ND	ND
	1,1-Dichloroethene												NT	ND	ND	ND	ND
	1,2,3-Trichloropropane												NT	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan												NT	ND	ND	ND	ND
	1,2-Dibromoethane												NT	ND	ND	ND	ND
	1,2-Dichlorobenzene												NT	ND	ND	ND	ND
	1,2-Dichloroethane												NT	ND	ND	ND	ND
	1,2-Dichloropropane												NT	ND	ND	ND	ND
	1,4-Dichlorobenzene												NT	ND	ND	ND	ND
	2-Butanone												NT	ND	ND	ND	ND
	2-Hexanone												NT	ND	ND	ND	ND
	4-Methyl-2-Pentanone												NT	ND	ND	ND	ND
	Acetone												NT	ND	ND	ND	ND
	Acrylonitrile												NT	ND	ND	ND	ND
	Benzene												NT	ND	ND	ND	ND
	Bromochloromethane												NT	ND	ND	ND	ND
	Bromodichloromethane												NT	ND	ND	ND	ND
	Bromoform												NT	ND	ND	ND	ND
	Bromomethane												NT	ND	ND	ND	ND
	Carbon disulfide												NT	ND	ND	ND	ND
	Carbon Tetrachloride												NT	ND	ND	ND	ND
	Chlorobenzene												NT	ND	ND	ND	ND
	Chloroethane												NT	ND	ND	ND	ND
	Chloroform												NT	ND	ND	ND	ND
	Chloromethane												NT	ND	ND	ND	ND
	cis-1,2-Dichloroethene												NT	ND	ND	ND	ND
	cis-1,3-Dichloropropene												NT	ND	ND	ND	ND
	Dibromochloromethane												NT	ND	ND	ND	ND
	Dibromomethane												NT	ND	ND	ND	ND
	Dichloromethane												NT	ND	ND	ND	ND
	Ethylbenzene												NT	ND	ND	ND	ND
	Methyl Iodide												NT	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether												NT	ND	ND	ND	ND
	ortho-Xylene												NT	NT	NT	NT	ND
	para-Xylene & meta-Xylene												NT	NT	NT	NT	ND
	Styrene												NT	ND	ND	ND	ND
	Tetrachloroethene												NT	ND	ND	ND	ND
	Toluene												NT	ND	ND	ND	ND
	trans-1,2-Dichloroethene												NT	ND	ND	ND	ND
	trans-1,3-Dichloropropene												NT	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten												NT	ND	ND	ND	ND
	Trichloroethene												NT	ND	ND	ND	ND
	Trichlorofluoromethane												NT	ND	ND	ND	ND
	Vinyl Acetate												NT	ND	ND	ND	ND
	Vinyl Chloride												NT	ND	ND	ND	ND
	Xylene (Total)												NT	ND	ND	ND	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

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

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

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

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
MW3A	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	ND	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	ND	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	ND
	Acrylonitrile												ND	ND	ND	ND	ND
	Benzene												ND	ND	ND	ND	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												1.46	1.5	1.6	1.8	ND
	Chloromethane												ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene												ND	ND	ND	ND	ND
	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	ND	ND
	Ethylbenzene												ND	ND	ND	ND	ND
	Methyl Iodide												ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether												ND	ND	ND	ND	ND
	ortho-Xylene												ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene												ND	NT	NT	NT	ND
	Styrene												ND	ND	ND	ND	ND
	Tetrachloroethene												ND	ND	ND	ND	ND
	Toluene												ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene												ND	ND	ND	ND	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	ND	ND
	Trichlorofluoromethane												ND	ND	ND	ND	ND
	Vinyl Acetate												ND	ND	ND	ND	ND
	Vinyl Chloride												ND	ND	ND	ND	ND
	Xylene (Total)												NT	ND	ND	ND	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
MW3B	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	ND	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	ND	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	ND
	Acrylonitrile												ND	ND	ND	ND	ND
	Benzene												ND	ND	ND	ND	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	ND	ND	ND
	cis-1,2-Dichloroethene												1.11	ND	ND	ND	ND
	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	ND	ND
	Ethylbenzene												ND	ND	ND	ND	ND
	Methyl Iodide												ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether												ND	ND	ND	ND	ND
	ortho-Xylene												ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene												ND	NT	NT	NT	ND
	Styrene												ND	ND	ND	ND	ND
	Tetrachloroethene												ND	ND	ND	ND	ND
	Toluene												ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene												ND	ND	ND	ND	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	ND	ND
	Trichlorofluoromethane												ND	ND	ND	ND	ND
	Vinyl Acetate												ND	ND	ND	ND	ND
	Vinyl Chloride												ND	ND	ND	ND	ND
	Xylene (Total)												NT	ND	ND	ND	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
MW04	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	9.3	ND	ND	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	ND	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	9.4	ND	ND	ND
	Acrylonitrile												ND	ND	ND	ND	ND
	Benzene												ND	1.1	2.1	ND	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	5.6	ND	ND	ND
	Chloroethane												ND	ND	ND	ND	ND
	Chloroform												ND	ND	ND	ND	ND
	Chloromethane												ND	2.9	ND	ND	ND
	cis-1,2-Dichloroethene												ND	13	ND	ND	ND
	cis-1,3-Dichloropropene												ND	ND	ND	ND	ND
	Dibromochloromethane												ND	ND	ND	ND	ND
	Dibromomethane												ND	ND	ND	ND	ND
	Dichloromethane												ND	ND	2	ND	ND
	Ethylbenzene												ND	ND	ND	ND	ND
	Methyl Iodide												ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether												ND	ND	ND	ND	ND
	ortho-Xylene												ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene												ND	NT	NT	NT	ND
	Styrene												ND	ND	ND	ND	ND
	Tetrachloroethene												ND	ND	1.5	ND	ND
	Toluene												ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene												ND	1.7	ND	ND	ND
	trans-1,3-Dichloropropene												ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten												ND	ND	ND	ND	ND
	Trichloroethene												ND	**5.6**	1.4	ND	ND
	Trichlorofluoromethane												ND	ND	14	ND	ND
	Vinyl Acetate												ND	ND	ND	ND	ND
	Vinyl Chloride												ND	ND	3.1	ND	ND
	Xylene (Total)												NT	ND	ND	ND	NT

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

Location	Parameter	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	2011-F	2012-S	2012-F
MW06	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												6.86	ND	ND	3.3	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												1.84	ND	ND	ND	ND
	1,2-Dichloropropane												2.37	ND	ND	ND	ND
	1,4-Dichlorobenzene												6.64	ND	ND	ND	6.24
	2-Butanone												ND	ND	ND	ND	ND
	2-Hexanone												ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone												ND	ND	ND	ND	ND
	Acetone												ND	ND	ND	ND	ND
	Acrylonitrile												ND	ND	ND	ND	ND
	Benzene												0.74	ND	ND	6.3	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												5.77	7.1	6.1	ND	6.56
	Chloroethane												ND	ND	ND	ND	ND
	Chloroform												ND	ND	ND	ND	ND
	Chloromethane												ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene												33.20	ND	ND	23	18.1
	cis-1,3-Dichloropropene												ND	ND	ND	ND	ND
	Dibromochloromethane												ND	ND	ND	ND	ND
	Dibromomethane												ND	ND	ND	ND	ND
	Dichloromethane												0.56	ND	ND	ND	ND
	Ethylbenzene												ND	ND	ND	ND	ND
	Methyl Iodide												ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether												5.16	ND	ND	3.3	ND
	ortho-Xylene												ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene												ND	NT	NT	NT	ND
	Styrene												ND	ND	ND	ND	ND
	Tetrachloroethene												ND	ND	ND	ND	ND
	Toluene												ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene												2.63	ND	2.2	1.2	ND
	trans-1,3-Dichloropropene												ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten												ND	ND	ND	ND	ND
	Trichloroethene												1.19	ND	ND	ND	ND
	Trichlorofluoromethane												ND	ND	ND	ND	ND
	Vinyl Acetate												ND	ND	ND	ND	ND
	Vinyl Chloride												ND	ND	ND	2	ND
	Xylene (Total)												NT	ND	ND	ND	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
MW07	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	ND	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	ND	ND
	1,4-Dichlorobenzene												ND	ND	ND	ND	ND
	2-Butanone												0.73	ND	ND	ND	ND
	2-Hexanone												ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone												ND	ND	ND	ND	ND
	Acetone												4.74	ND	ND	ND	ND
	Acrylonitrile												ND	ND	ND	ND	ND
	Benzene												ND	ND	ND	ND	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												2.00	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												0.58	ND	ND	ND	ND
	cis-1,2-Dichloroethene												ND	ND	ND	ND	5.12
	cis-1,3-Dichloropropene												ND	ND	ND	ND	ND
	Dibromochloromethane												ND	ND	ND	ND	ND
	Dibromomethane												ND	ND	ND	ND	ND
	Dichloromethane												ND	ND	1.7	ND	ND
	Ethylbenzene												ND	ND	ND	ND	ND
	Methyl Iodide												ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether												ND	ND	ND	ND	ND
	ortho-Xylene												ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene												ND	NT	NT	NT	ND
	Styrene												ND	ND	ND	ND	ND
	Tetrachloroethene												0.54	ND	3	3.2	3.56
	Toluene												ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene												ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene												ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten												ND	ND	ND	ND	ND
	Trichloroethene												0.52	11	3	1.3	3.58
	Trichlorofluoromethane												ND	ND	ND	ND	ND
	Vinyl Acetate												ND	ND	ND	ND	ND
	Vinyl Chloride												ND	ND	ND	ND	ND
	Xylene (Total)												NT	ND	ND	ND	NT

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
MW08	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	ND	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	ND	ND
	1,4-Dichlorobenzene												ND	ND	ND	ND	4.03
	2-Butanone												ND	ND	ND	ND	ND
	2-Hexanone												ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone												ND	ND	ND	ND	ND
	Acetone												1.41	8.6	ND	ND	ND
	Acrylonitrile												ND	ND	ND	ND	ND
	Benzene												ND	ND	ND	ND	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	1.1	ND	ND	ND
	Carbon Tetrachloride												ND	ND	ND	ND	ND
	Chlorobenzene												0.51	ND	ND	ND	ND
	Chloroethane												ND	ND	ND	ND	ND
	Chloroform												ND	ND	ND	ND	ND
	Chloromethane												1.98	3.7	ND	ND	ND
	cis-1,2-Dichloroethene												ND	ND	ND	ND	ND
	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	ND	ND
	Ethylbenzene												ND	ND	ND	ND	ND
	Methyl Iodide												ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether												ND	ND	ND	ND	ND
	ortho-Xylene												ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene												ND	NT	NT	NT	ND
	Styrene												ND	ND	ND	ND	ND
	Tetrachloroethene												ND	ND	ND	ND	ND
	Toluene												ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene												ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene												ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten												ND	ND	ND	ND	ND
	Trichloroethene												ND	ND	2.8	ND	5.37
	Trichlorofluoromethane												ND	ND	ND	ND	ND
	Vinyl Acetate												ND	ND	ND	ND	ND
	Vinyl Chloride												ND	ND	ND	ND	ND
	Xylene (Total)												NT	ND	ND	ND	NT

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
MW09	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	ND	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	ND	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	22	ND	ND	ND
	Acrylonitrile												ND	ND	ND	ND	ND
	Benzene												ND	1	ND	ND	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	ND	ND	ND
	cis-1,2-Dichloroethene												ND	ND	ND	ND	ND
	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	ND	ND
	Ethylbenzene												ND	ND	ND	ND	ND
	Methyl Iodide												ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether												ND	ND	ND	ND	ND
	ortho-Xylene												ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene												ND	NT	NT	NT	ND
	Styrene												ND	ND	ND	ND	ND
	Tetrachloroethene												**8.72**	5	**16**	**14**	**13.6**
	Toluene												ND	3	ND	ND	ND
	trans-1,2-Dichloroethene												ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene												ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten												ND	ND	ND	ND	ND
	Trichloroethene												0.73	ND	ND	ND	ND
	Trichlorofluoromethane												ND	ND	ND	ND	ND
	Vinyl Acetate												ND	ND	ND	ND	ND
	Vinyl Chloride												ND	ND	ND	ND	ND
	Xylene (Total)												NT	1.3	ND	ND	NT

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
MW10	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	ND	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	ND	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	24	ND	ND	ND
	Acrylonitrile												ND	ND	ND	ND	ND
	Benzene												ND	ND	ND	ND	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	5.2	ND	ND	ND
	cis-1,2-Dichloroethene												ND	ND	ND	ND	ND
	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	ND	ND
	Ethylbenzene												ND	ND	ND	ND	ND
	Methyl Iodide												ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether												ND	ND	ND	ND	ND
	ortho-Xylene												ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene												ND	NT	NT	NT	ND
	Styrene												ND	ND	ND	ND	ND
	Tetrachloroethene												ND	ND	ND	ND	ND
	Toluene												ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene												ND	ND	ND	ND	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	ND	ND
	Trichlorofluoromethane												ND	ND	ND	ND	ND
	Vinyl Acetate												ND	ND	ND	ND	ND
	Vinyl Chloride												ND	ND	ND	ND	ND
	Xylene (Total)												NT	ND	ND	ND	NT

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Location	Parameter	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	2011-F	2012-S	2012-F
MW11A	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	ND	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	ND	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	ND
	Acrylonitrile												ND	ND	ND	ND	ND
	Benzene												ND	ND	ND	ND	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	ND	ND	ND
	cis-1,2-Dichloroethene												ND	ND	ND	ND	ND
	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	ND	ND
	Ethylbenzene												ND	ND	ND	ND	ND
	Methyl Iodide												ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether												ND	ND	ND	ND	ND
	ortho-Xylene												ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene												ND	NT	NT	NT	ND
	Styrene												ND	ND	ND	ND	ND
	Tetrachloroethene												ND	ND	ND	ND	ND
	Toluene												ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene												ND	ND	ND	ND	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	ND	ND
	Trichlorofluoromethane												ND	ND	ND	ND	ND
	Vinyl Acetate												ND	ND	ND	ND	ND
	Vinyl Chloride												ND	ND	ND	ND	ND
	Xylene (Total)												NT	ND	ND	ND	NT

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Location	Parameter	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	2011-F	2012-S	2012-F
MW11B	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	ND	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	ND	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	ND
	Acrylonitrile												ND	ND	ND	ND	ND
	Benzene												ND	ND	ND	ND	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	ND	ND	ND
	cis-1,2-Dichloroethene												ND	ND	ND	ND	ND
	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	ND	ND
	Ethylbenzene												ND	ND	ND	ND	ND
	Methyl Iodide												ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether												ND	ND	ND	ND	ND
	ortho-Xylene												ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene												ND	NT	NT	NT	ND
	Styrene												ND	ND	ND	ND	ND
	Tetrachloroethene												0.97	ND	ND	2.1	ND
	Toluene												ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene												ND	ND	ND	ND	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	ND	ND
	Trichlorofluoromethane												ND	ND	ND	ND	ND
	Vinyl Acetate												ND	ND	ND	ND	ND
	Vinyl Chloride												ND	ND	ND	ND	ND
	Xylene (Total)												NT	ND	ND	ND	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
MW12	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	ND	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	ND	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	ND
	Acrylonitrile												ND	ND	ND	ND	ND
	Benzene												ND	ND	ND	ND	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	4.1	ND	ND	ND
	cis-1,2-Dichloroethene												ND	ND	ND	ND	ND
	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	ND	ND
	Ethylbenzene												ND	ND	ND	ND	ND
	Methyl Iodide												ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether												ND	ND	ND	ND	ND
	ortho-Xylene												ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene												ND	NT	NT	NT	ND
	Styrene												ND	ND	ND	ND	ND
	Tetrachloroethene												ND	ND	ND	ND	ND
	Toluene												ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene												ND	ND	ND	ND	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	ND	ND
	Trichlorofluoromethane												ND	ND	ND	ND	ND
	Vinyl Acetate												ND	ND	ND	ND	ND
	Vinyl Chloride												ND	ND	ND	ND	ND
	Xylene (Total)												NT	ND	ND	ND	NT

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	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	2011-F	2012-S	2012-F
MW13A	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												17.90	25	ND	16	15.6
	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												1.86	ND	ND	ND	ND
	1,2-Dichloropropane												4.80	**6.6**	4.4	**5.4**	**5.64**
	1,4-Dichlorobenzene												3.54	ND	ND	5.9	5.12
	2-Butanone												ND	ND	ND	ND	ND
	2-Hexanone												ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone												ND	ND	ND	ND	ND
	Acetone												0.72	ND	ND	ND	ND
	Acrylonitrile												ND	ND	ND	ND	ND
	Benzene												3.31	4.4	3.7	2.9	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												1.01	ND	ND	ND	ND
	Chloroethane												0.97	ND	ND	ND	ND
	Chloroform												ND	ND	ND	ND	ND
	Chloromethane												0.96	6.4	3.7	ND	ND
	cis-1,2-Dichloroethene												**76.70**	**96**	ND	**97**	**79.8**
	cis-1,3-Dichloropropene												ND	ND	ND	ND	ND
	Dibromochloromethane												ND	ND	ND	ND	ND
	Dibromomethane												ND	ND	ND	ND	ND
	Dichloromethane												**8.07**	**10**	**9.2**	3.2	**6.02**
	Ethylbenzene												ND	ND	ND	ND	ND
	Methyl Iodide												ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether												0.61	3.1	ND	ND	ND
	ortho-Xylene												ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene												ND	NT	NT	NT	ND
	Styrene												ND	ND	ND	ND	ND
	Tetrachloroethene												**22.20**	**17**	**25**	**28**	**25.7**
	Toluene												ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene												3.26	7.3	6.2	3.5	ND
	trans-1,3-Dichloropropene												ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten												ND	ND	ND	ND	ND
	Trichloroethene												**26.90**	**23**	**28**	**32**	**30.2**
	Trichlorofluoromethane												1.50	3.8	4.6	ND	ND
	Vinyl Acetate												ND	ND	ND	ND	ND
	Vinyl Chloride												**11.10**	**14**	**18**	**8.6**	**8.58**
	Xylene (Total)												NT	ND	ND	ND	NT

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

Location	Parameter	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	2011-F	2012-S	2012-F
MW13B	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												17.80	ND	ND	15	13.9
	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												0.54	ND	ND	ND	ND
	1,2-Dichloroethane												3.11	ND	4.6	ND	ND
	1,2-Dichloropropane												**6.54**	ND	**7.4**	**7.5**	**7.73**
	1,4-Dichlorobenzene												8.86	ND	ND	11	9.67
	2-Butanone												ND	ND	ND	ND	ND
	2-Hexanone												ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone												ND	ND	ND	ND	ND
	Acetone												0.87	35	ND	ND	ND
	Acrylonitrile												ND	ND	ND	ND	ND
	Benzene												**5.56**	ND	**6.3**	4.6	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												1.63	ND	ND	ND	ND
	Chloroethane												1.14	ND	ND	ND	ND
	Chloroform												ND	ND	ND	ND	ND
	Chloromethane												0.76	4.6	ND	ND	ND
	cis-1,2-Dichloroethene												**101.00**	3.9	ND	**110**	**82**
	cis-1,3-Dichloropropene												ND	ND	ND	ND	ND
	Dibromochloromethane												ND	ND	ND	ND	ND
	Dibromomethane												ND	ND	ND	ND	ND
	Dichloromethane												**8.50**	ND	**11**	4.2	**5.95**
	Ethylbenzene												ND	ND	ND	ND	ND
	Methyl Iodide												ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether												0.96	ND	ND	ND	ND
	ortho-Xylene												ND	NT	NT	NT	ND
	para-Xylene & meta-Xylene												ND	NT	NT	NT	ND
	Styrene												ND	ND	ND	ND	ND
	Tetrachloroethene												**22.70**	ND	**27**	**30**	**26.5**
	Toluene												ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene												4.45	ND	7.3	4.3	ND
	trans-1,3-Dichloropropene												ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten												ND	ND	ND	ND	ND
	Trichloroethene												**32.00**	ND	**28**	**32**	**27.6**
	Trichlorofluoromethane												1.71	ND	4.7	1.3	ND
	Vinyl Acetate												ND	ND	ND	ND	ND
	Vinyl Chloride												**17.20**	ND	**25**	**12**	**9.83**
	Xylene (Total)												NT	ND	ND	ND	NT

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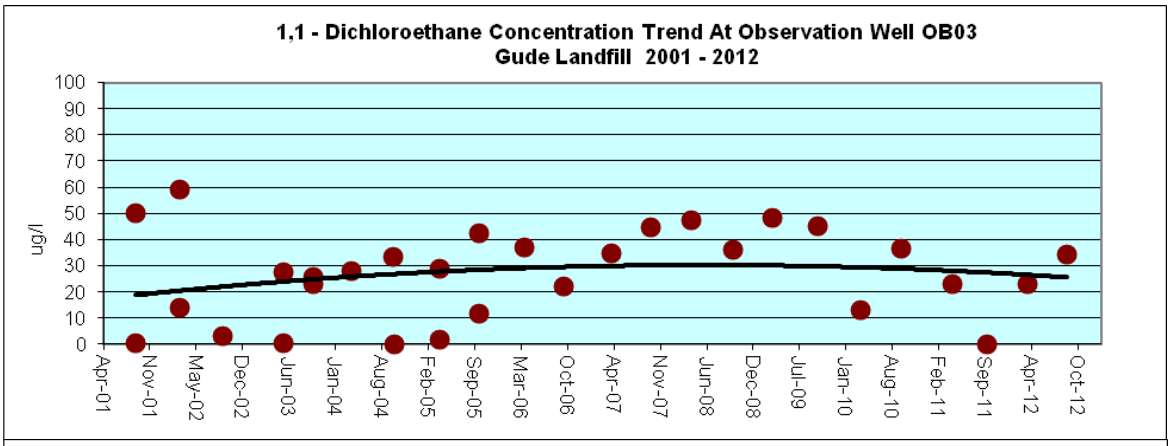
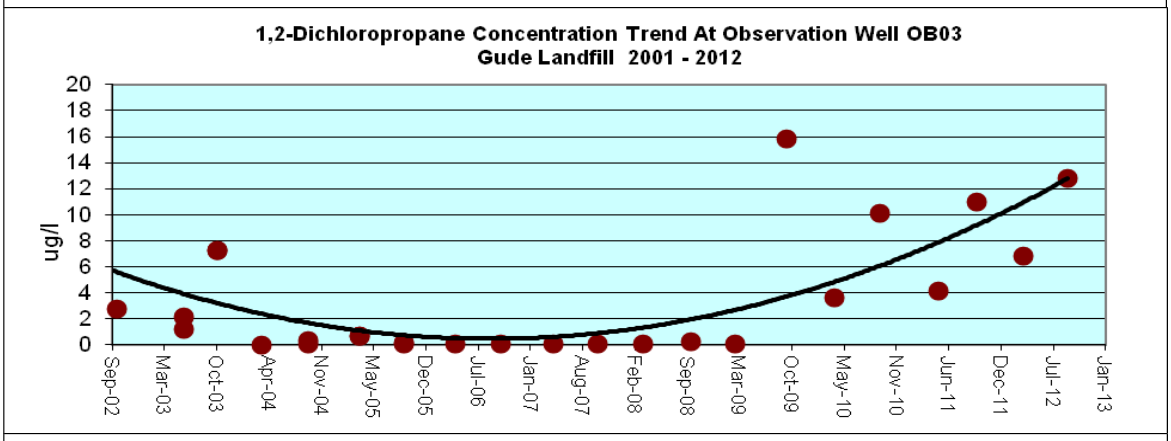
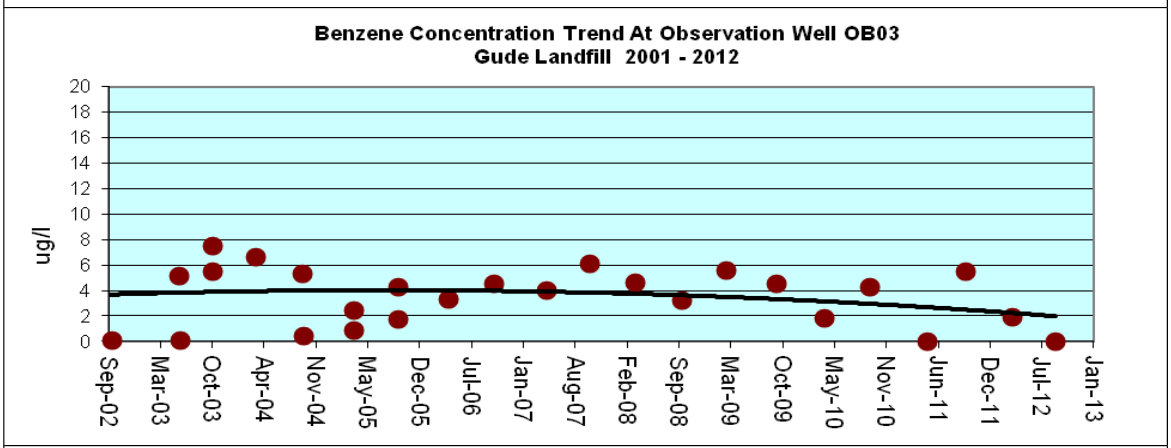
Appendix C

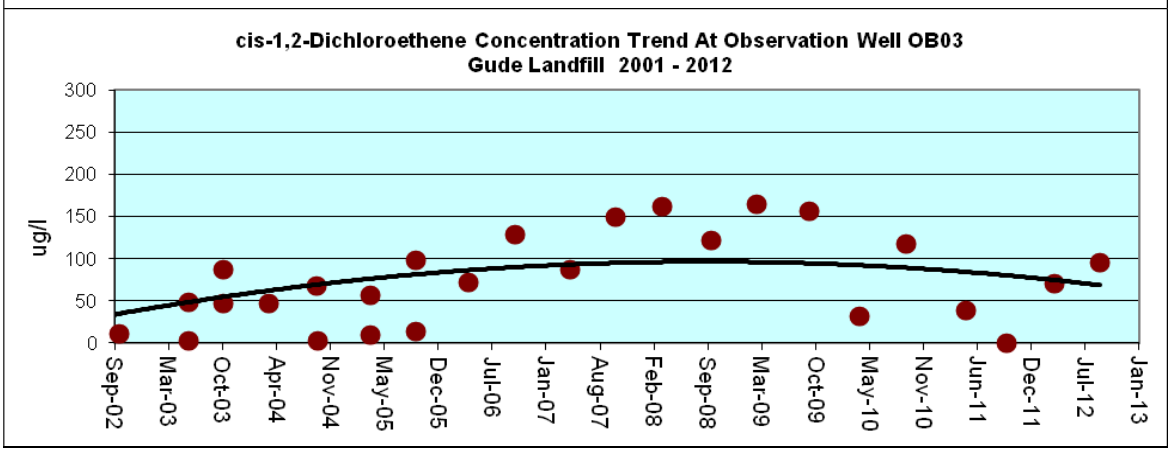
Volatile Organic Compounds

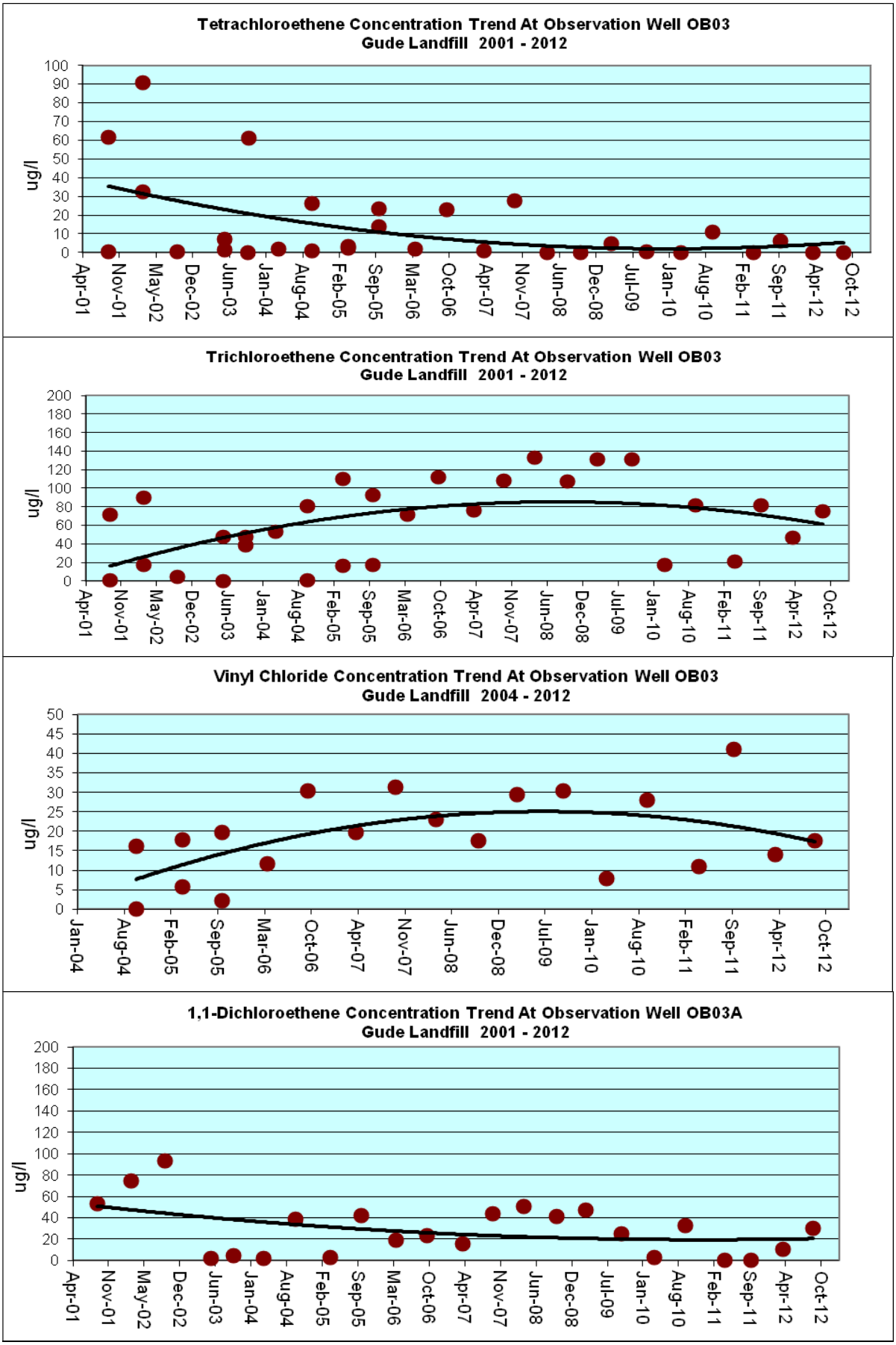
Trend Analysis

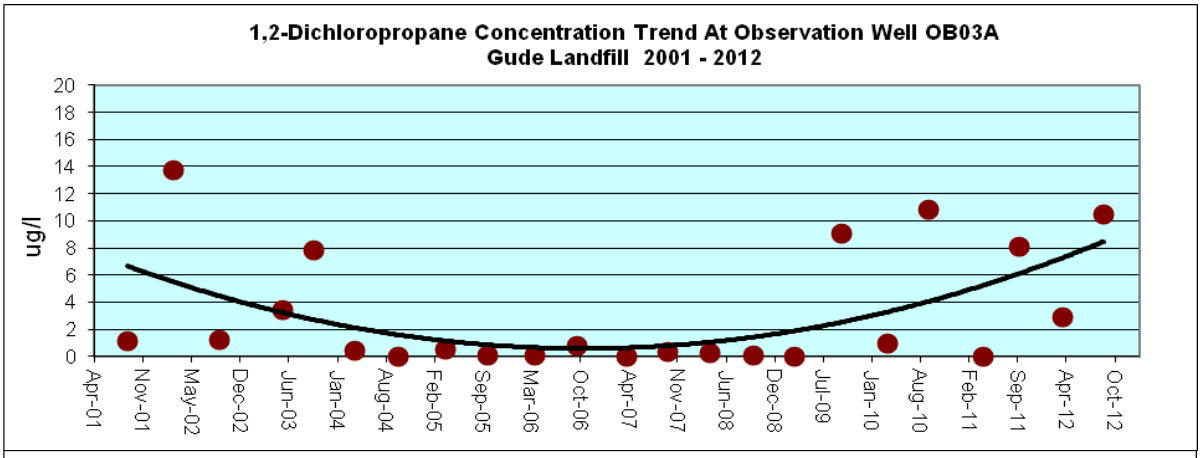

1,1 - Dichloroethane Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2012
ug/l
100
90
80
70
60
50
40
30
20
10
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

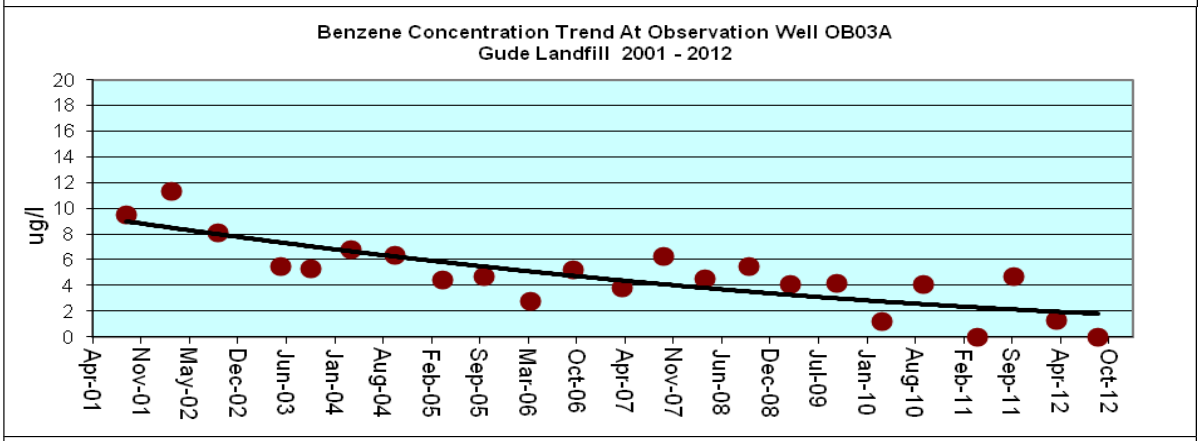

1,2-Dichloropropane Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2012
ug/l
20
18
16
14
12
10
8
6
4
2
0
Sep-02
Mar-03
Oct-03
Apr-04
Nov-04
May-05
Dec-05
Jul-06
Jan-07
Aug-07
Feb-08
Sep-08
Mar-09
Oct-09
May-10
Nov-10
Jun-11
Dec-11
Jul-12
Jan-13

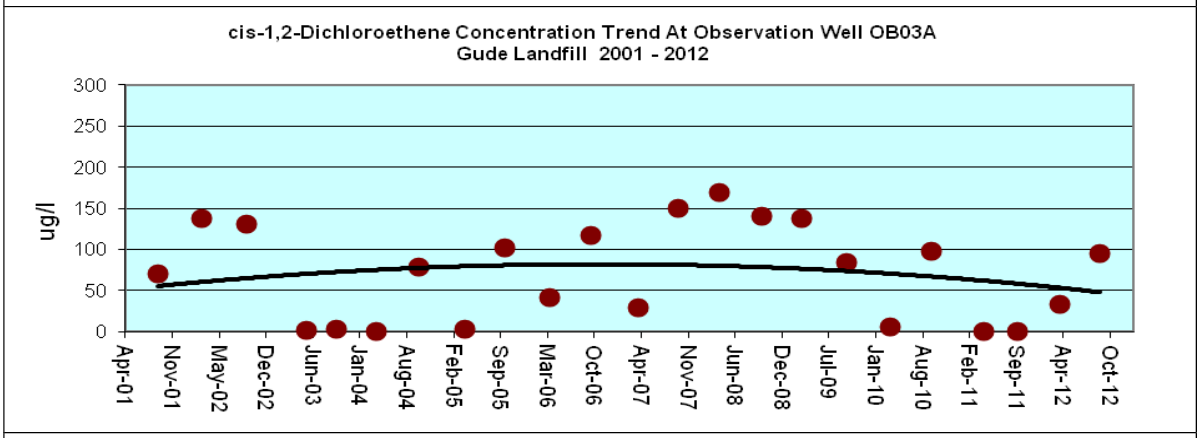

Benzene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2012
ug/l
20
18
16
14
12
10
8
6
4
2
0
Sep-02
Mar-03
Oct-03
Apr-04
Nov-04
May-05
Dec-05
Jul-06
Jan-07
Aug-07
Feb-08
Sep-08
Mar-09
Oct-09
May-10
Nov-10
Jun-11
Dec-11
Jul-12
Jan-13

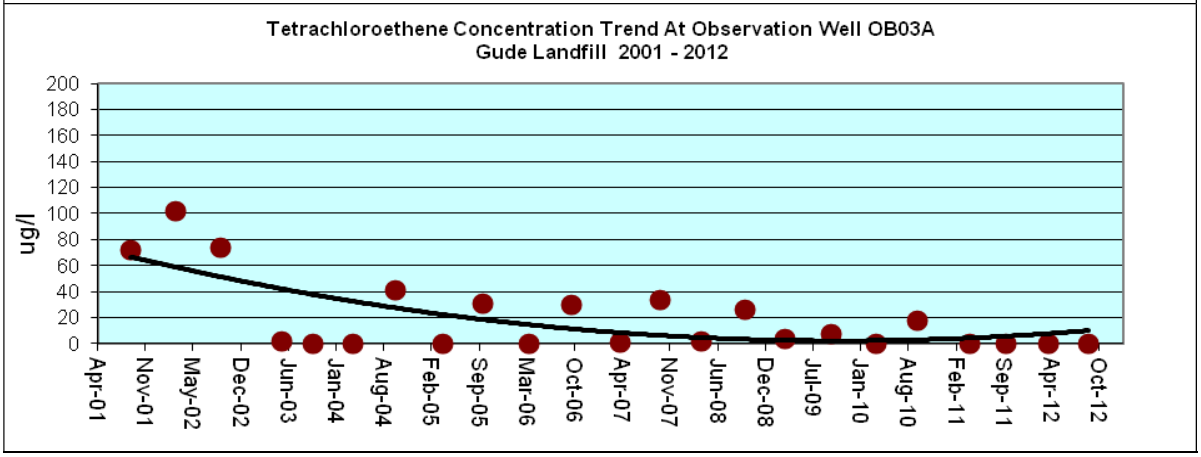

cis-1,2-Dichloroethene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2012
ug/l
300
250
200
150
100
50
0
Sep-02
Mar-03
Oct-03
Apr-04
Nov-04
May-05
Dec-05
Jul-06
Jan-07
Aug-07
Feb-08
Sep-08
Mar-09
Oct-09
May-10
Nov-10
Jun-11
Dec-11
Jul-12
Jan-13

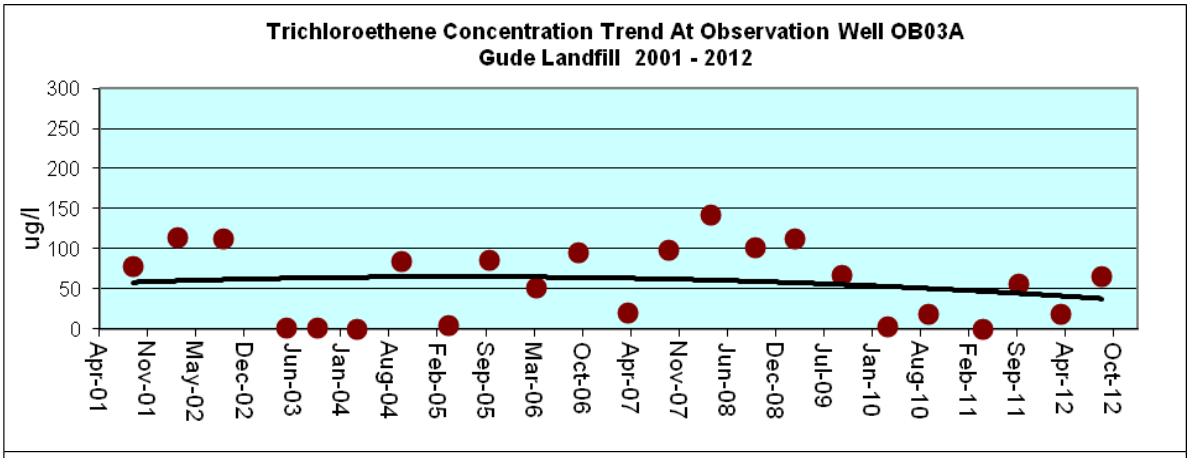

Tetrachloroethene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2012
ug/l
100
90
80
70
60
50
40
30
20
10
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
Trichloroethene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2012
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
Apr-12
Oct-12
Vinyl Chloride Concentration Trend At Observation Well OB03
Gude Landfill 2004 - 2012
ug/l
50
45
40
35
30
25
20
15
10
5
0
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
1,1-Dichloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2012
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
Apr-12
Oct-12

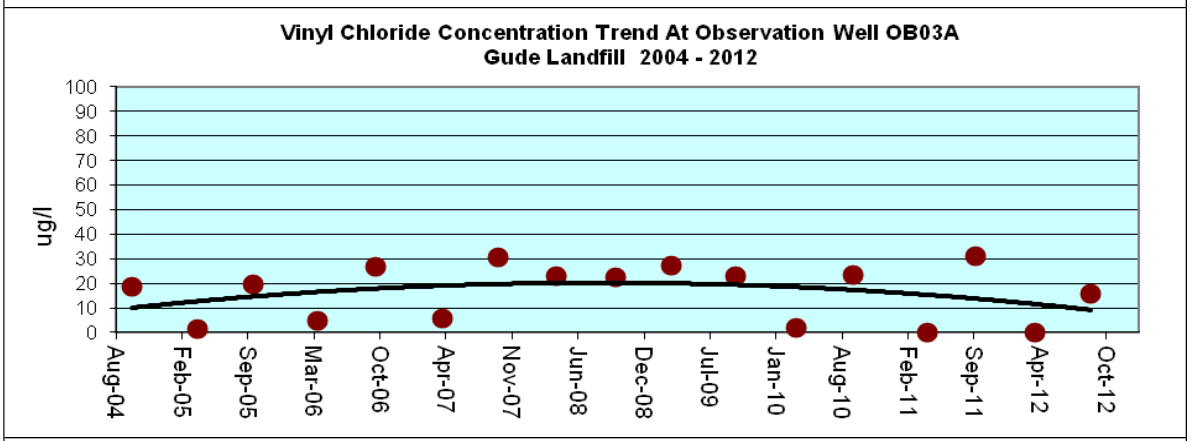

1,2-Dichloropropane Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2012
ug/l
0
2
4
6
8
10
12
14
16
18
20
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

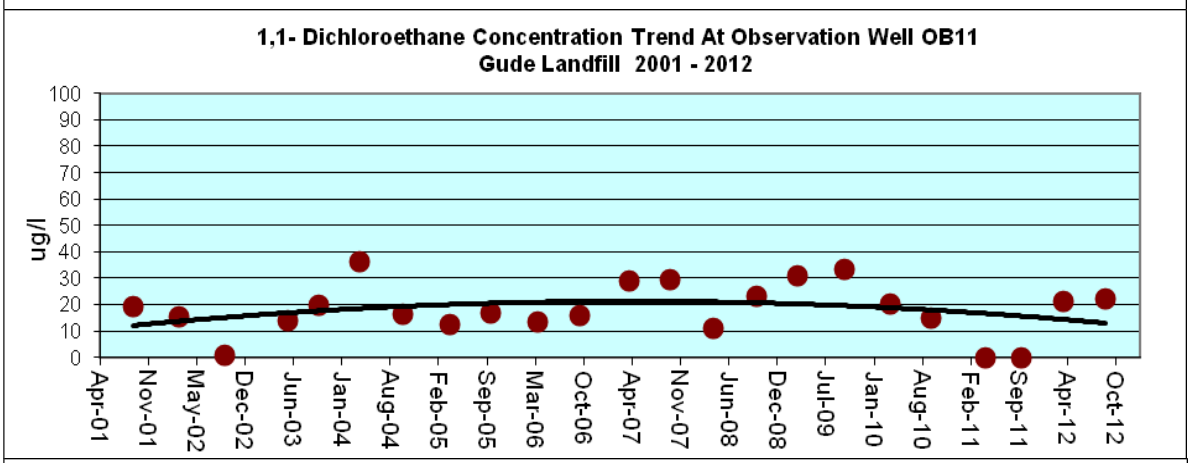

Benzene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2012
ug/l
0
2
4
6
8
10
12
14
16
18
20
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

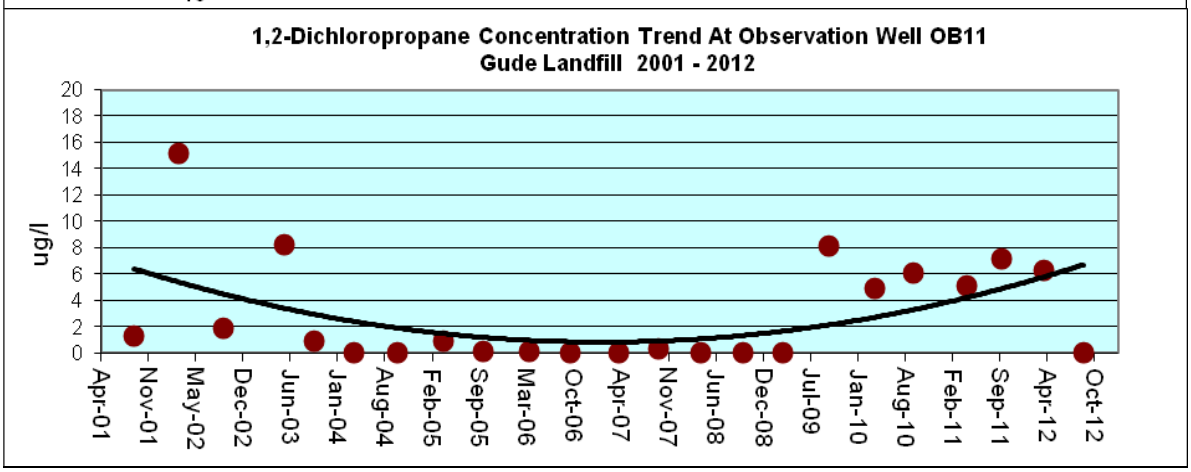

cis-1,2-Dichloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2012
ug/l
0
50
100
150
200
250
300
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

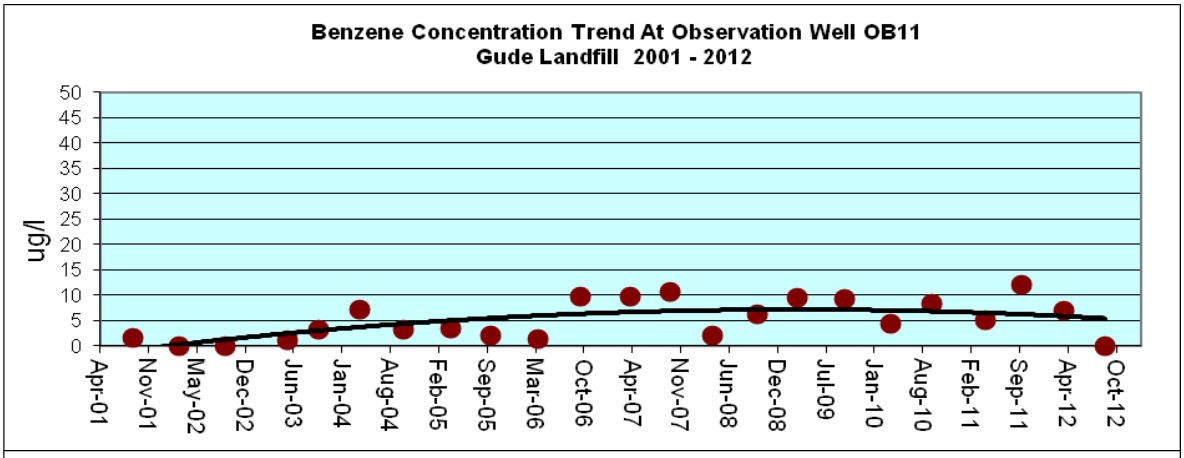

Tetrachloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2012
ug/l
0
20
40
60
80
100
120
140
160
180
200
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

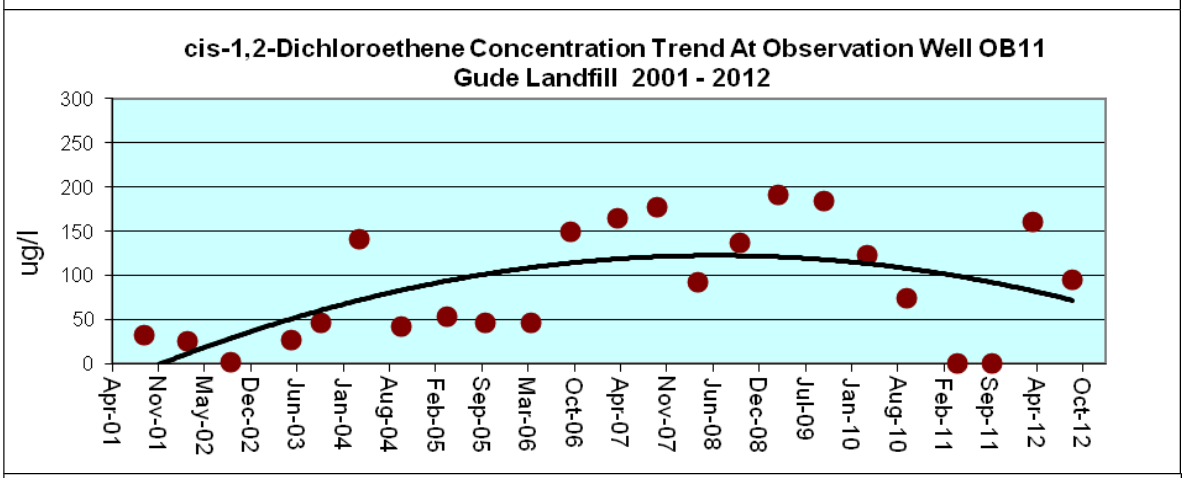

Trichloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2012
ug/l
300
250
200
150
100
50
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

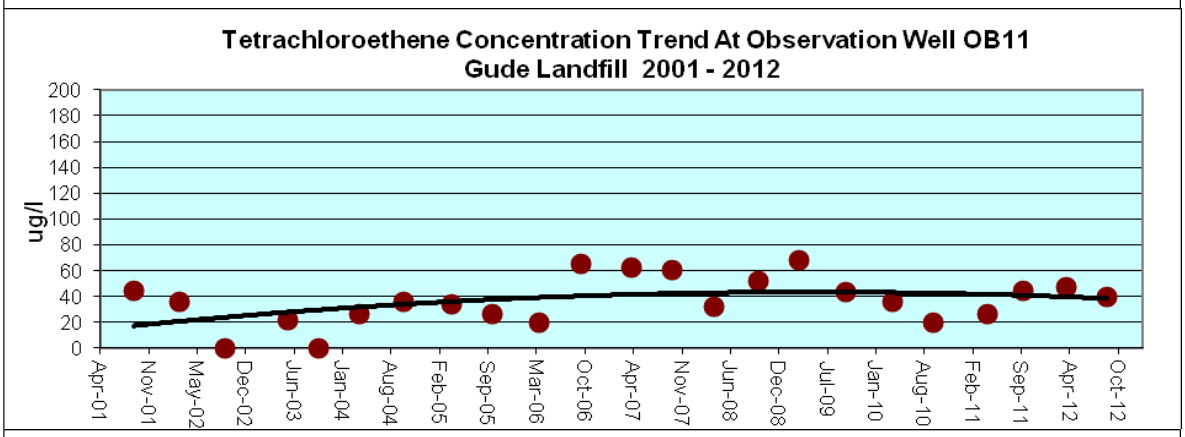

Vinyl Chloride Concentration Trend At Observation Well OB03A
Gude Landfill 2004 - 2012
ug/l
100
90
80
70
60
50
40
30
20
10
0
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

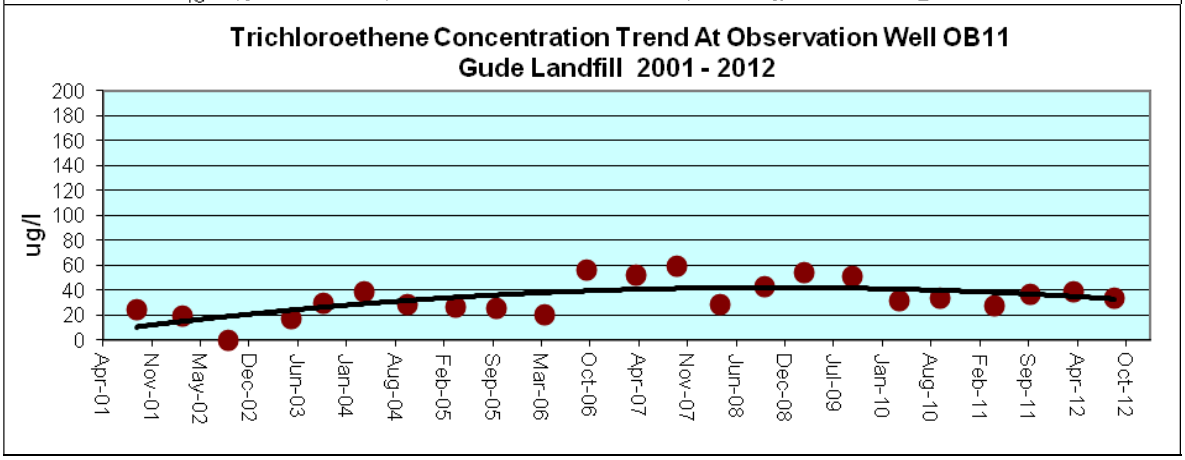

1,1- Dichloroethane Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2012
ug/l
100
90
80
70
60
50
40
30
20
10
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

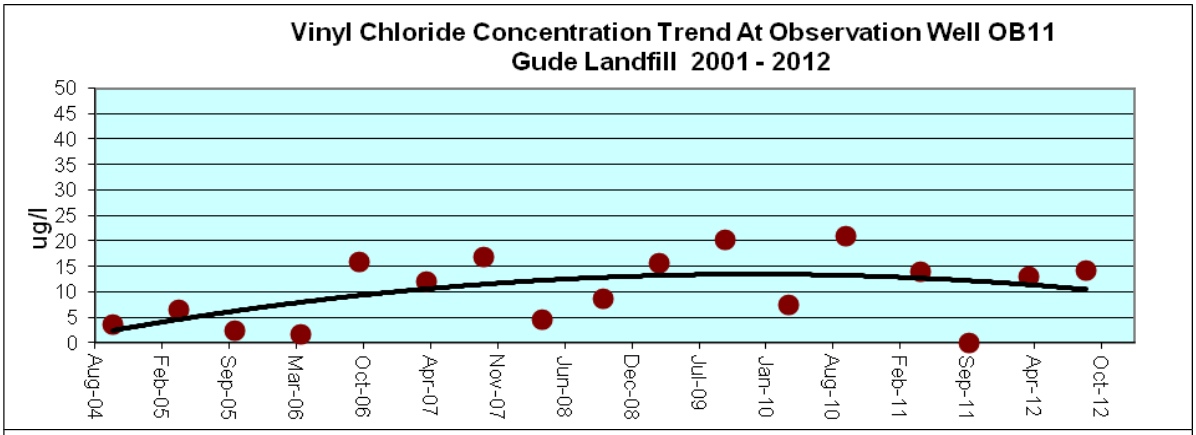

1,2-Dichloropropane Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2012
ug/l
20
18
16
14
12
10
8
6
4
2
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

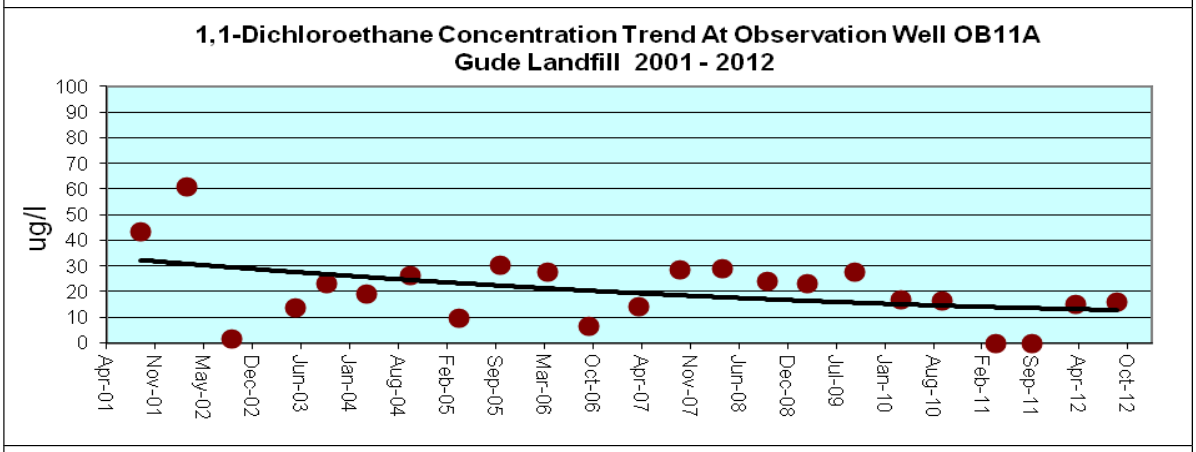

Benzene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2012
ug/l
0
5
10
15
20
25
30
35
40
45
50
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

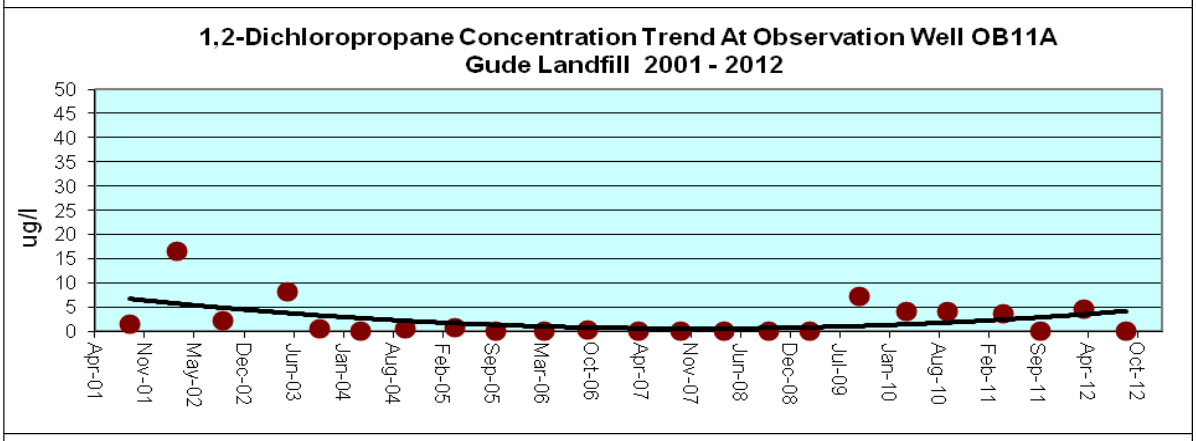

cis-1,2-Dichloroethene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2012
ug/l
0
50
100
150
200
250
300
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

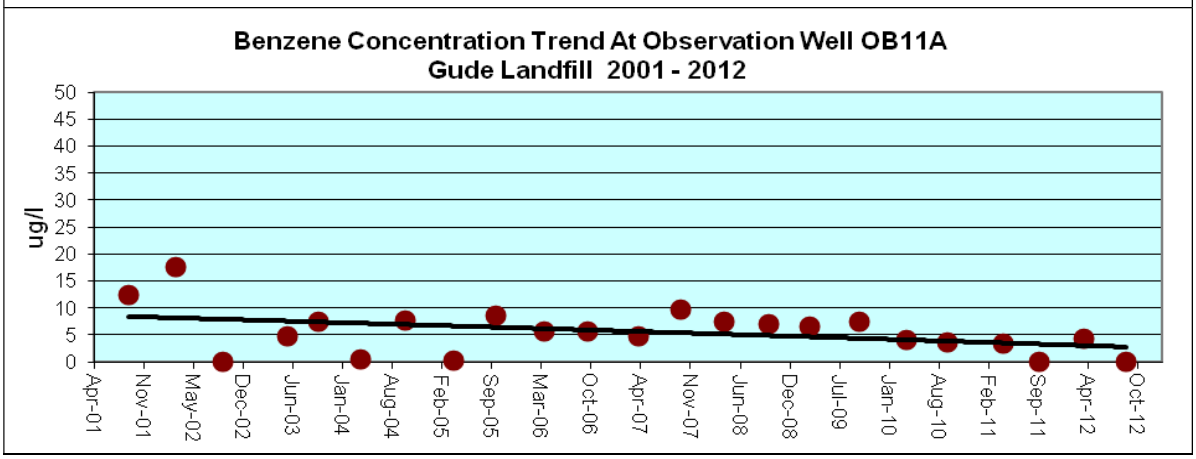

Tetrachloroethene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2012
ug/l
0
20
40
60
80
100
120
140
160
180
200
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

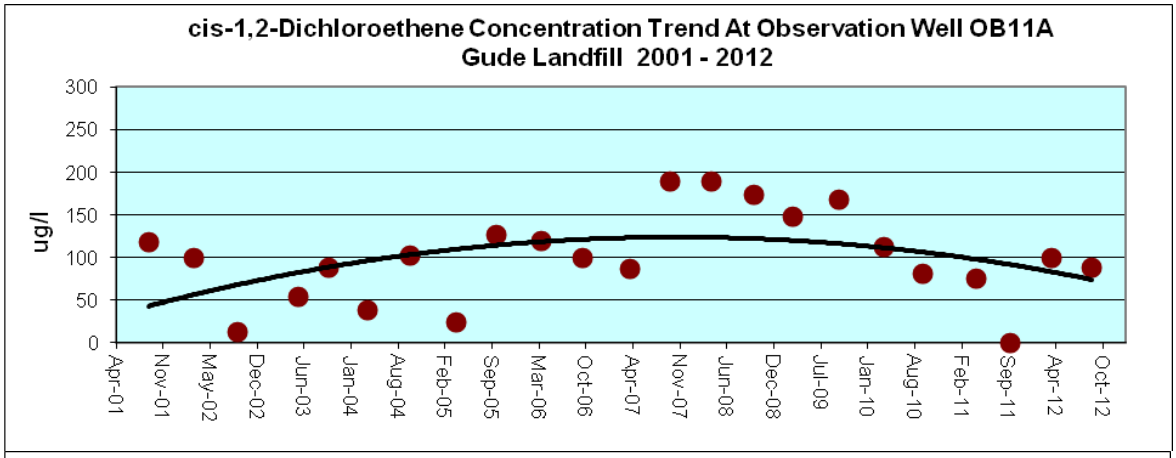

Trichloroethene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2012
ug/l
0
20
40
60
80
100
120
140
160
180
200
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

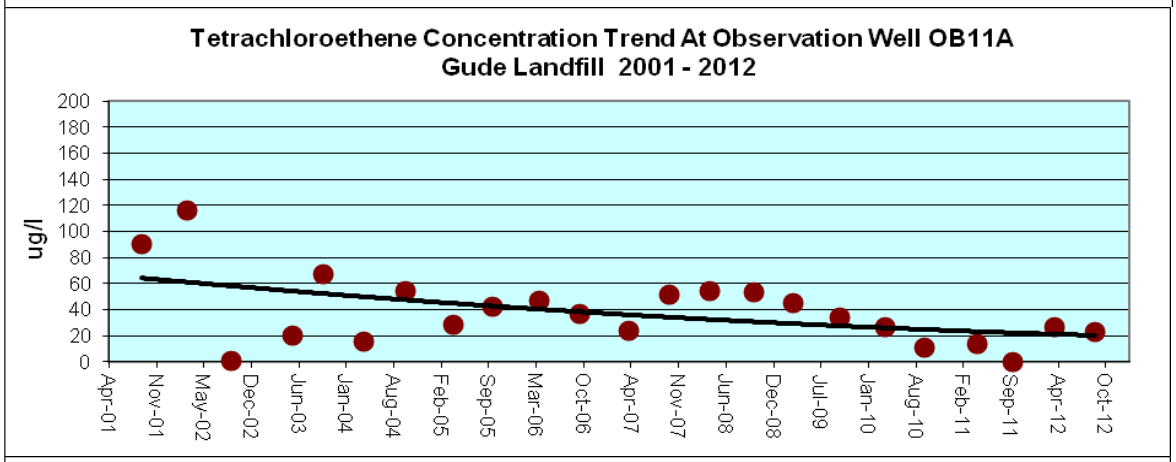

Vinyl Chloride Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2012
ug/l
50
45
40
35
30
25
20
15
10
5
0
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

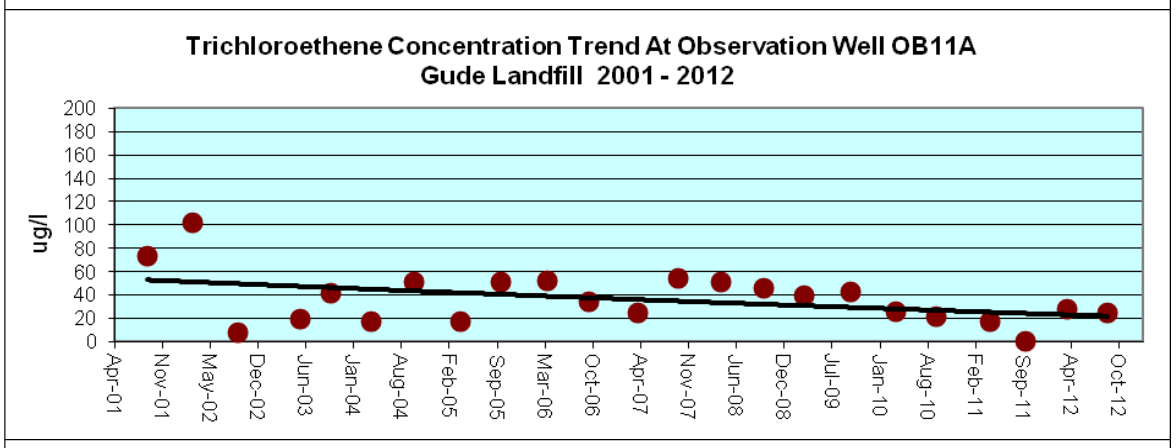

1,1-Dichloroethane Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2012
ug/l
100
90
80
70
60
50
40
30
20
10
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

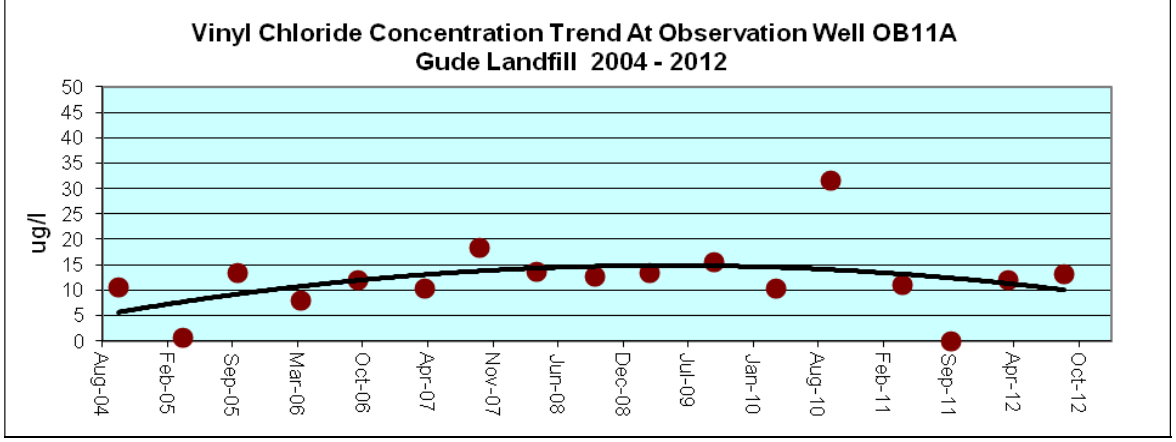

1,2-Dichloropropane Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2012
ug/l
50
45
40
35
30
25
20
15
10
5
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

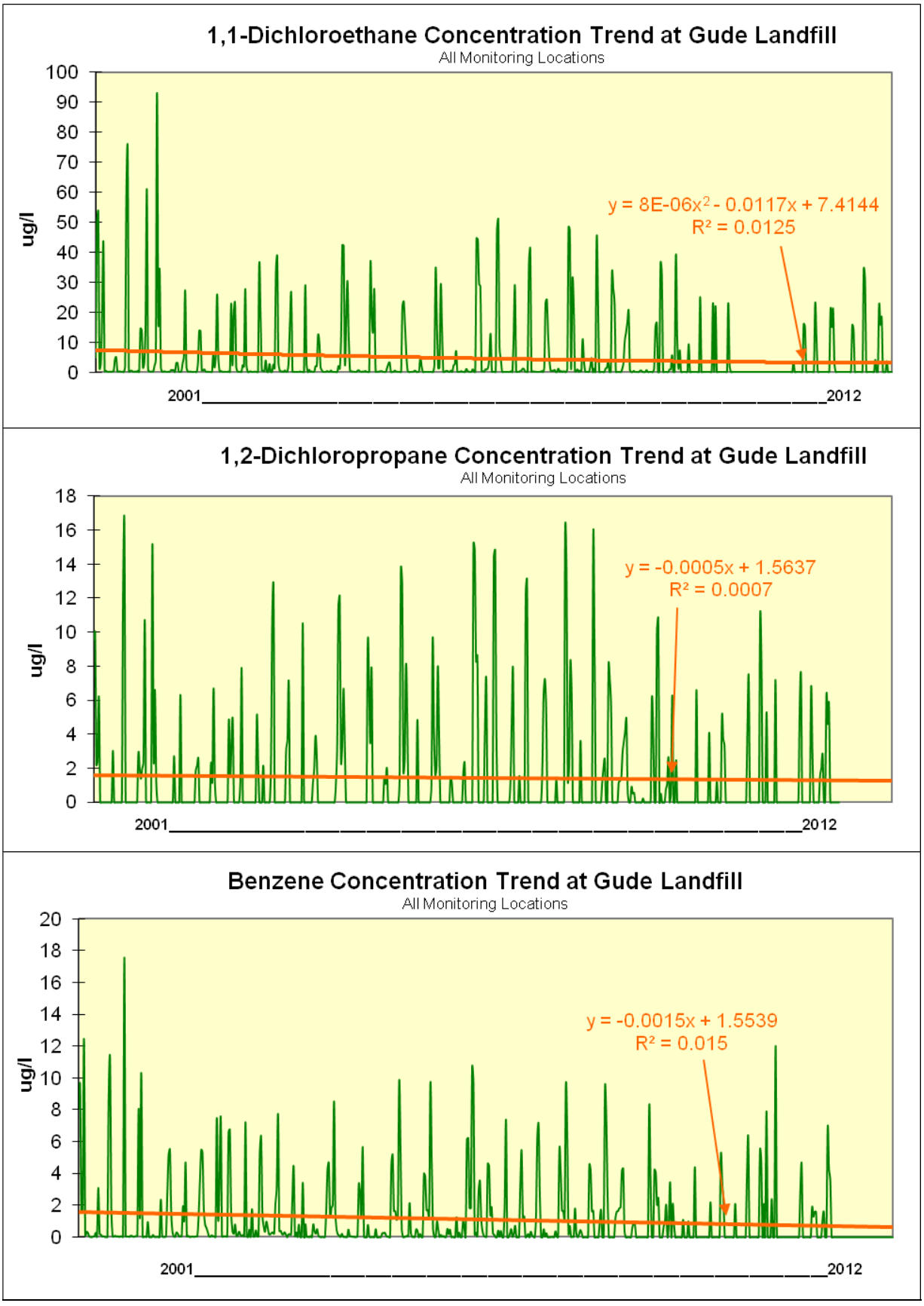

Benzene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2012
ug/l
50
45
40
35
30
25
20
15
10
5
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

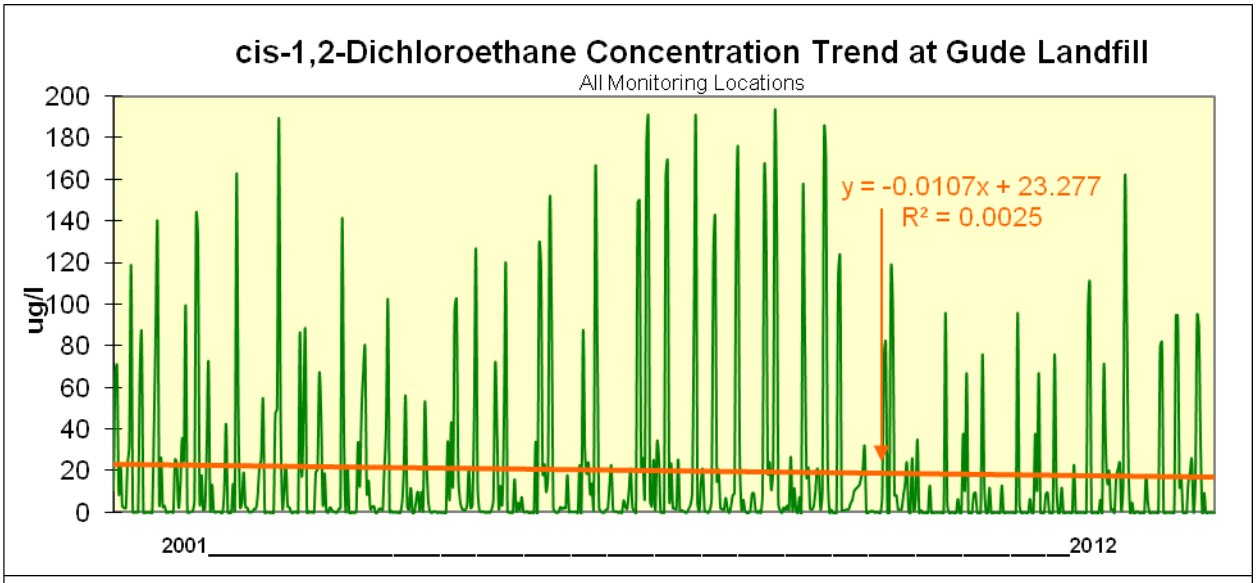

cis-1,2-Dichloroethene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2012
ug/l
300
250
200
150
100
50
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

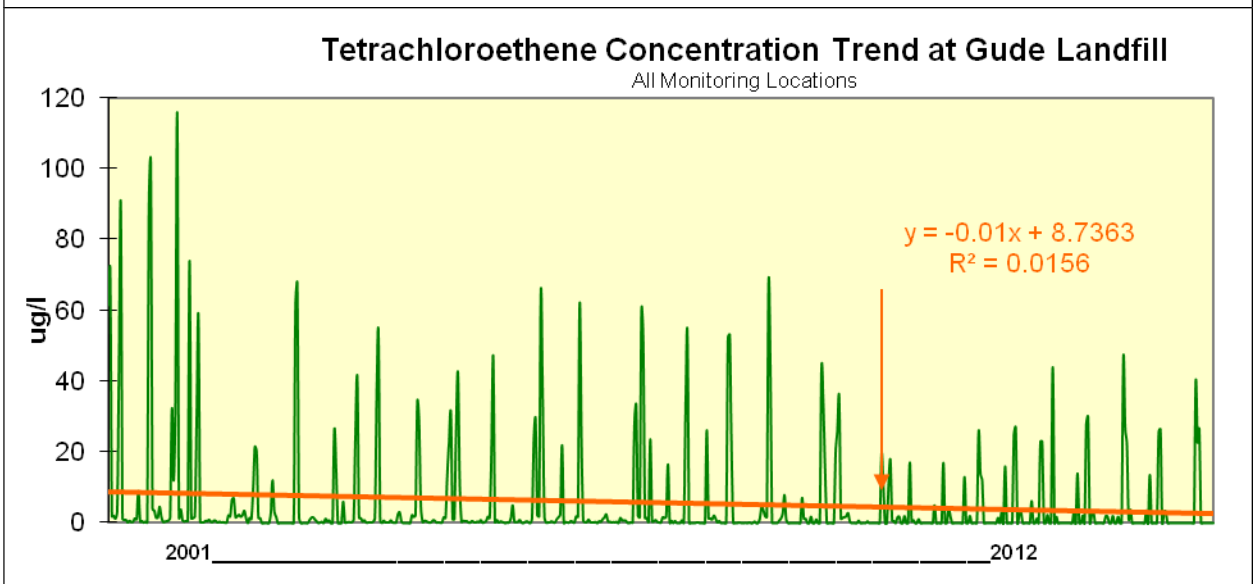

Tetrachloroethene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2012
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

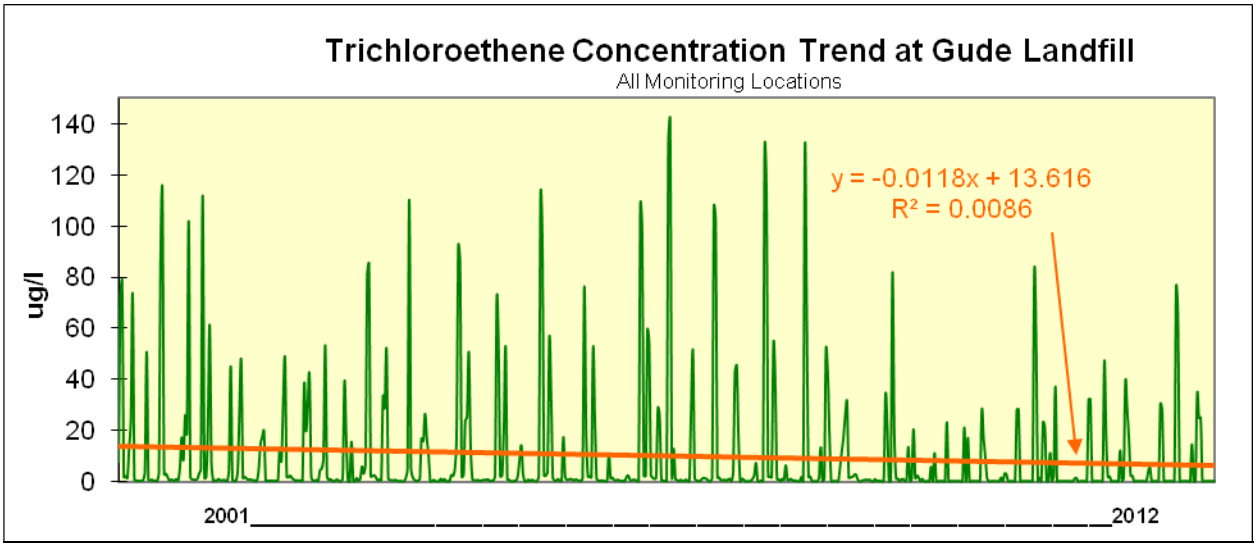

Trichloroethene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2012
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

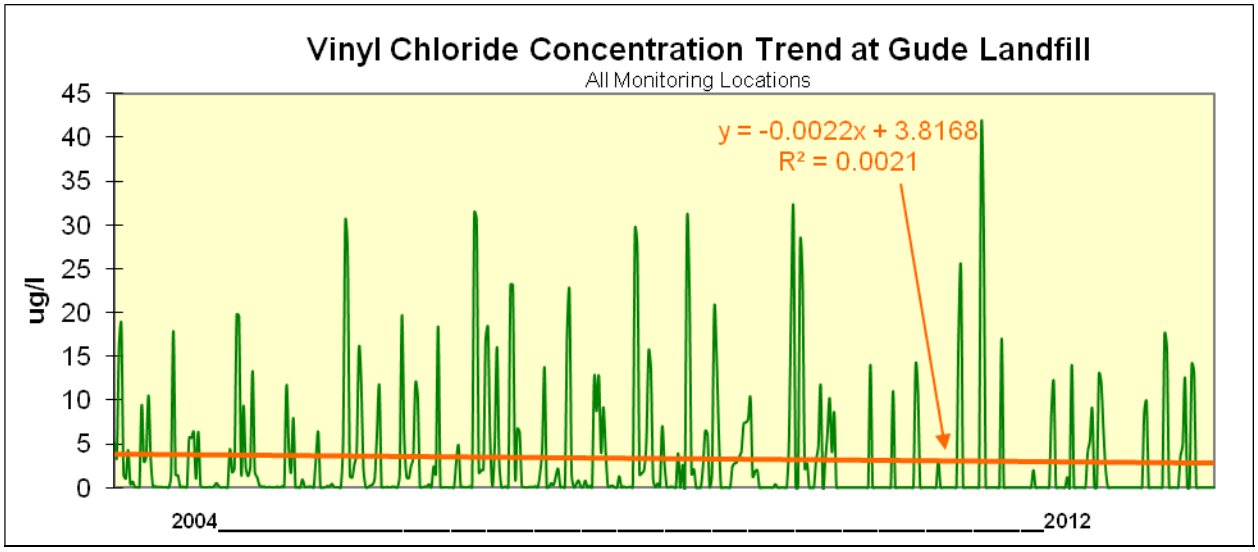

Vinyl Chloride Concentration Trend At Observation Well OB11A
Gude Landfill 2004 - 2012
ug/l
50
45
40
35
30
25
20
15
10
5
0
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12


1,1-Dichloroethane Concentration Trend at Gude Landfill
All Monitoring Locations
ug/l
100
90
80
70
60
50
40
30
20
10
0
y = 8E-06x² - 0.0117x + 7.4144
R² = 0.0125
2001
2012
1,2-Dichloropropane Concentration Trend at Gude Landfill
All Monitoring Locations
ug/l
18
16
14
12
10
8
6
4
2
0
y = -0.0005x + 1.5637
R² = 0.0007
2001
2012
Benzene Concentration Trend at Gude Landfill
All Monitoring Locations
ug/l
20
18
16
14
12
10
8
6
4
2
0
y = -0.0015x + 1.5539
R² = 0.015
2001
2012


cis-1,2-Dichloroethane Concentration Trend at Gude Landfill
All Monitoring Locations
ug/l
200
180
160
140
120
100
80
60
40
20
0
y = -0.0107x + 23.277
R² = 0.0025
2001
2012


Tetrachloroethene Concentration Trend at Gude Landfill
All Monitoring Locations
ug/l
120
100
80
60
40
20
0
y = -0.01x + 8.7363
R² = 0.0156
2001
2012


Trichloroethene Concentration Trend at Gude Landfill
All Monitoring Locations
ug/l
140
120
100
80
60
40
20
0
y = -0.0118x + 13.616
R² = 0.0086
2001
2012


Vinyl Chloride Concentration Trend at Gude Landfill
All Monitoring Locations
y = -0.0022x + 3.8168
R² = 0.0021
ug/l
45
40
35
30
25
20
15
10
5
0
2004
2012

Appendix D

Tables of Metals

Results in (mg/l)

Table 3
Metals and Other Water Quality Parameters

Monitoring Location	Parameter	OB01	OB02	OB02A	OB03	OB03A	OB04	OB04A	OB06	OB07	OB07A	OB08	OB08A	OB10	OB102	OB105	OB11	OB11A	OB12	OB15	OB25	ST015
Gude Landfill - FALL 2012 Results	Alkalinity	73	68	33	241	268	248	123	161	172	119	223	216	133	1060	522	219	288	113	226	374	38
	Ammonia	ND	ND	ND	2.43	4.51	0.771	0.299	ND	ND	ND	ND	ND	ND	12	3.48	ND	1.25	ND	0.274	2.31	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	0.009	**0.011**	ND	ND	ND	ND	ND	ND	ND	0.009	ND	ND	ND	0.007	ND	ND
	Barium	0.171	0.427	0.057	0.571	0.495	0.247	0.055	0.19	0.027	0.049	0.129	0.068	0.057	0.349	0.138	0.028	0.165	0.018	0.092	0.631	0.02
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.006**	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.01**	ND	ND	ND	ND	ND
	Calcium	69.1	103	24.7	64.3	62.3	157	118	148	113	94.3	68.2	54.7	50.1	120	167	133	91.4	26.5	18.3	89.5	14.4
	Chloride	284	404	36	169	185	448	501	374	202	265	47.4	65.4	121	588	337	398	312	66.4	11.9	158	13.1
	Chromium	ND	ND	ND	ND	ND	ND	ND	0.006	ND	ND	ND	ND	ND	0.006	0.024	ND	ND	ND	0.011	0.017	ND
	Cobalt	0.009	ND	ND	0.067	0.067	ND	ND	0.007	ND	ND	0.008	0.019	0.008	0.073	0.032	ND	0.027	ND	0.017	0.122	ND
	COD	ND	ND	ND	18	19.5	26.7	33.3	38.1	ND	15	ND	ND	ND	242	61.5	24	17.8	ND	17.8	23.5	14.5
	Copper	0.006	ND	ND	ND	ND	0.035	0.026	0.015	0.006	ND	ND	ND	ND	0.049	0.042	0.008	0.006	ND	0.041	0.143	ND
	Iron	0.386	0.586	0.793	21.7	26.5	0.824	0.615	5.07	0.837	0.576	0.774	3.93	1.63	1.01	26.7	0.656	1.07	ND	47.8	25.9	0.68
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.016**	ND	ND	ND	0.008	**0.027**	ND
	Magnesium	38.6	59	10.6	37	39.3	76.6	81	61.1	33.3	50.2	17	21.8	28.1	97.4	116	64.4	64.8	16.1	17.4	62.4	3.73
	Manganese	3.74	0.058	0.718	18.8	15.4	2.28	1.12	0.589	0.072	0.089	7.26	8.27	4.31	21.7	3.07	0.858	6.14	0.119	2.5	20.7	0.077
	Mercury	ND	ND	ND	ND	ND	ND	ND	4E-04	5E-04	0.001	ND	ND	ND	ND	0.002	0.001	ND	ND	ND	5E-04	ND
	Nickel	0.032	0.014	ND	0.022	0.021	0.018	0.024	0.018	ND	0.005	0.011	0.01	0.012	0.096	0.069	0.041	0.027	0.009	0.024	0.062	ND
	Nitrate	2.13	0.575	ND	ND	ND	ND	ND	0.674	0.831	0.97	ND	ND	ND	ND	ND	ND	ND	0.99	ND	ND	ND
	Nitrate+Nitrite	2.18	0.625	ND	ND	ND	ND	ND	0.864	0.886	1.02	ND	ND	ND	ND	ND	ND	ND	1.04	ND	ND	ND
	Nitrite	ND	ND	ND	ND	ND	ND	ND	0.19	0.055	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	5.14	6.6	5.25	5.15	5.2	5.67	5.29	5.42	6.17	5.81	6.04	5.87	5.49	6.29	5.75	5.31	5.36	5.29	5.7	5.98	6.19
	Potassium	3.85	5.69	3.56	6.77	9.64	7.72	5.42	5.52	3.54	2.8	2.95	2.99	3.32	41.4	12.9	5.19	6.84	2.97	2.32	16.8	1.48
	Selenium	ND	ND	ND	ND	ND	0.032	0.039	0.015	0.007	0.008	ND	ND	ND	0.018	0.023	0.011	0.007	ND	ND	0.009	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	57.2	34.5	10.9	35.7	52.2	63.2	89	88.7	19.5	24.8	25.4	30.7	18.3	586	167	68	95.1	18.2	62.5	69	7.36
	Spec. Cond.	1060	261.2	1386	960.6	1082	1828	1785	1618	973.5	1082	566.8	600.1	623.9	3612	2414	1601	1499	417.9	521.8	931.1	118.1
	Sulfate	24.2	20.2	4.91	13.1	21.2	18.3	11.5	89.6	23	24.6	4.11	ND	ND	55.2	289	10.3	15.7	4.58	37.9	61.8	ND
	TDS	856	1124	176	604	632	1432	1476	1224	828	856	352	364	396	2236	1628	1212	904	312	308	756	100
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Hardness	342	500	112	360	350	712	598	566	410	436	234	240	244	700	908	592	508	160	120	500	48
	Turbidity	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.049	ND	ND	ND	ND	0.045	ND
	Zinc	0.011	0.009	0.006	0.015	0.01	0.009	0.022	0.039	0.006	0.006	0.006	0.007	0.007	0.013	0.252	0.046	0.022	0.008	0.397	0.13	0.007

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

Table 3
Metals and Other Water Quality Parameters

Monitoring Location	Parameter	ST120	ST65	ST70	ST80	MW1B	MW2A	MW2B	MW3A	MW3B	MW04	MW06	MW07	MW08	MW09	MW10	MW11A	MW11B	MW12	MW13A	MW13B
Gude Landfill - FALL 2012 Results	Alkalinity	72	98	79	54	52	54	36	21	137	51	197	31	178	37	79	37	61	10	32	226
	Ammonia	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.042	0.045	0.054	0.044	0.034	0.018	0.008	0.113	0.13	0.038	0.433	0.063	0.419	1.33	0.157	0.183	0.021	0.472	0.249	0.068
	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	**0.009**	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	24.9	34.3	31.7	18.6	10.4	11.1	11.7	10.1	61.8	33.4	72.8	44.5	67.4	17.5	21.1	15.8	15.9	47.4	26.3	81.4
	Chloride	47	91.5	49.5	38.1	3.33	2.63	2.55	2.76	3.46	125	255	108	223	13.6	9.6	5.1	5.06	211	90.7	86.4
	Chromium	ND	ND	ND	ND	**0.233**	0.022	ND	0.05	**0.184**	ND	0.023	ND	0.065	0.038	0.017	0.051	ND	0.026	0.022	ND
	Cobalt	ND	ND	ND	ND	0.021	ND	ND	0.027	0.024	ND	0.343	0.007	0.084	0.06	0.007	0.021	ND	0.012	0.017	ND
	COD	ND	10.5	19.5	10.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Copper	ND	ND	0.007	ND	0.08	0.016	ND	0.077	0.105	ND	0.041	0.013	0.131	0.037	0.028	0.041	ND	0.034	0.042	ND
	Iron	0.704	0.548	0.466	1.17	17.6	0.725	ND	44.4	19.15	0.889	17.9	0.413	46.3	26.2	12.6	30.8	0.567	17	17.3	0.447
	Lead	ND	ND	ND	ND	0.012	ND	ND	**0.02**	**0.016**	ND	0.01	ND	**0.027**	**0.054**	0.005	0.014	ND	**0.017**	0.007	ND
	Magnesium	14.2	17.4	11.7	11.2	11.6	4.81	3.04	15.6	11.3	19.6	53.1	24.7	39.6	15.9	11.2	13.9	6.62	23	19.7	26.9
	Manganese	0.117	0.018	0.076	0.184	0.516	0.151	0.03	0.715	0.584	0.115	37.6	0.34	2.36	3.19	0.212	0.693	0.018	0.532	0.54	0.04
	Mercury	ND	ND	ND	ND	ND	8E-04	6E-04	ND	ND	ND	ND	ND	ND	4E-04	ND	ND	ND	ND	4E-04	3E-04
	Nickel	0.006	ND	0.008	ND	0.271	0.03	0.006	0.054	0.278	0.009	0.063	0.008	0.082	0.034	0.017	0.049	ND	0.026	0.025	0.007
	Nitrate	1.3	0.654	0.878	0.679	ND	ND	ND	ND	ND	0.444	ND	**22.65**	9.61	1.18	ND	2.25	2.37	4.9	2.08	2.08
	Nitrate+Nitrite	1.35	0.704	0.928	0.729	ND	ND	ND	ND	ND	0.494	ND	22.7	9.66	1.23	ND	2.3	2.42	4.95	2.13	2.13
	Nitrite	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	6.68	6.96	6.53	6.94	5.6	5.96	5.49	5.86	7.33	5.5	5.44	5.04	5.76	5.23	5.53	5.49	6.17	5.01	4.91	5.64
	Potassium	2.2	4.68	5.33	3.8	3.47	2.14	1.74	9.8	7.26	3.01	4.19	3.8	12.9	9.63	3.27	4.82	0.941	5.42	6.15	3.67
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	0.008	0.009	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	15.3	26.3	22.1	16.4	8.62	8.38	4.89	3.88	51.1	24.9	59.6	23.1	102	3.77	9.1	4.57	8.14	57.8	14.9	15.9
	Spec. Cond.	303.4	471.5	315.7	255	96.9	89.6	78.6	39	329.1	501.7	1211	614.9	1199	122.5	184	114.8	147.8	757	362.5	706.1
	Sulfate	5.56	10.4	27.4	5.55	ND	ND	ND	ND	94.4	ND	47.4	11	69	ND	7.4	5.76	ND	15.7	ND	7.58
	TDS	228	360	256	160	92	100	84	60	292	428	776	560	712	112	160	108	136	720	336	480
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Hardness	100	150	124	86	80	32	34	44	188	162	452	216	344	84	82	80	62	188	148	316
	Turbidity	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Vanadium	ND	ND	ND	ND	0.022	ND	ND	0.058	0.022	ND	0.015	ND	0.087	0.031	0.032	0.057	ND	0.025	0.046	ND
	Zinc	ND	ND	0.011	ND	0.109	0.025	0.007	0.159	0.099	0.007	0.136	0.014	0.22	0.157	0.044	0.109	0.007	0.075	0.059	0.006

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Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location OB01	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	104	95	103	93	112	100	73
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.191	0.214	0.171
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	64.9	67.6	68.2	76.2	73.8	81.24	69.1
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	196	204	241	262	291	322	284
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	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	0.0289	0.0219	0.00903
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	5.1	6.9	ND	5.4	ND
	Copper	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	0.00645	0.0119	0.00575
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	330	320	350	364	390	420	342
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	0.469	0.837	0.515	1.6	0.386
	Lead	ND	ND	ND	ND	0.0025	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	0.0054	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	36	40.3	38.9	45.3	46.3	48.58	38.6
	Manganese	0.0745	0.845	0.1334	0.8516	ND	1.231	NT	NT	NT	NT	NT	2.77	3.17	3.95	5.07	7.98	6.33	3.74
	Mercury	ND	ND	ND	ND	ND	ND	0.0004	ND	ND	NT	ND	ND	ND	ND	ND	ND	0.00036	ND
	Nickel	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	0.0304	0.0307	0.0381	0.0406	0.0319
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.67	1.94	1.907	1.79	1.34	1.56	2.13
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.82	5.08			5.51	5.62	5.14
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.52	3.64	3.36	3.81	3.78	4.57	3.85
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	47.4	54.5	51.8	58.2	66.3	77.79	57.2
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	855.9	920.7			980.9	1218	1060
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	26.4	24.9	26.6	26.8	28.8	26.1	24.2
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	776	912	1176	856	1116	876	856
	Thallium	ND	ND	ND	0.0013	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.186	0.18	0.98	1.96	NT	NT	NS
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	0.0157	0.0084	0.0161	NT	0.012	ND	0.013	0.0107	0.0116	0.0128	0.0163	0.0112

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Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location OB02	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	67	57	72	70	72	68	68
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.0771	0.0702	0.427
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	60.6	73.9	39.1	72.2	28.2	28.37	103
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	212	264	90	47.3	51.1	49.9	404
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	0.0034	ND	0.0055	ND	0.0049	0.0065	ND	ND	ND	ND	0.0057	0.0071	ND	0.0587	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Copper	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	ND	0.00631	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	350	376	169	130	125	116	500
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.66	2.59	0.818	25.2	0.768	1.18	0.586
	Lead	ND	ND	ND	0.0049	0.0022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	32.2	43.3	17.7	59.3	12.1	11.97	59
	Manganese	0.5523	1.252	0.2375	1.3188	0.1466	1.314	NT	NT	NT	NT	NT	1.21	1.34	1.24	10.1	0.876	0.919	0.0582
	Mercury	ND	ND	0.1694	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.0168	ND	ND	0.0141
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	0.575
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.27	5.35			6.71	6.94	6.6
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.91	7.07	4.43	13.7	3.99	3.76	5.69
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	22.6	30.6	17.8	111	11	15.64	34.5
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	665	910.3			318.1	302.2	261.2
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.5	14.9	7.38	4.24	5.87	4.51	20.2
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	780	1008	388	336	1264	252	1124
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.3	6.4	2.6	33.3	NT	NT	NS
	Vanadium	ND	ND	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	0.017	0.0176	0.0049	0.0074	0.0091	ND	0.0187	0.00533	0.00773	0.00643	0.00627	0.0086

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Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location OB02A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	38	36	40	35	36	36	33
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0033	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.397	0.356	0.0568
	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	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	77.5	76.4	87.1	82.9	96.3	94	24.7
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	280	286	310	302	350	334	36
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Copper	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	ND	0.00507	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	390	353	420	391	463	414	112
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.414	0.6	0.682	ND	0.58	0.396	0.793
	Lead	ND	ND	ND	ND	0.0031	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	46.4	44.4	52.3	53.4	59.1	53.1	10.6
	Manganese	0.0327	0.0366	0.0313	0.0303	0.0128	NT	NT	NT	NT	NT	NT	0.0381	0.0382	0.0449	0.0513	0.0465	0.0449	0.718
	Mercury	ND	ND	**0.0482**	ND	0.0013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.012	0.011	0.0114	0.0135	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.5894	0.582	0.589	0.543	0.576	0.582	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.75	4.77			5.09	5.41	5.25
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.73	4.1	4.69	5.2	5.78	4.82	3.56
	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	31.2	32.5	35	31.6	34.9	37.5	10.9
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	636.7	925.5			1263	1120	1386
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	22.4	16.2	25.4	17.8	21.5	18.4	4.91
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1088	1072	1192	288	68	824	176
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.83	1.16	0.891	0.416	NT	NT	NS
	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	0.0068	0.0156	ND	ND	0.0131	ND	0.00713	0.0081	0.00823	0.00783	0.00652	0.00607

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Monitoring Location OB03	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	265	321	242	267	216	187	241
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.39	6.46	2.9	4.97	2.56	3.48	2.43
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	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	ND	ND	ND
	Barium	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	0.58	0.697	0.571
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	0.0039	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	59.9	80.3	62.3	69	65.3	74.4	64.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	134	193	155	220	163	222	169
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	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	0.0554	0.0634	0.067
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.6	34.9	10.1	28.8	16.8	24.3	18
	Copper	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	ND	0.0082	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	690	700	400	3600	410	400	360
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	28.8	34.6	25	23.6	22.19	23.68	21.7
	Lead	0.0036	ND	0.003	0.0027	0.0031	**0.02**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	33.2	52.8	35.6	47.1	41.1	42.7	37
	Manganese	18.17	19.31	20.5775	19.79	20.7743	16.74	NT	NT	NT	NT	NT	18.5	18.8	21.3	18.5	19	19.6	18.8
	Mercury	ND	ND	**0.005**	**0.0024**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00025	ND
	Nickel	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	0.0197	0.0176	0.0164	0.0215	0.0217
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.19	4.74			5.97	5.78	5.15
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.2	10.9	6.94	10.1	7	7.95	6.77
	Selenium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	0.00545	ND
	Silver	ND	0.0048	0.0046	ND	ND	ND	ND	ND	ND	ND	0.0154	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	35.9	92.8	41.6	74.2	44.2	58.9	35.7
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	902	1405			814.1	1140	960.6
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.84	31.4	16.7	41.4	22	28.5	13.1
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	564	984	676	784	804	888	604
	Thallium	ND	0.0012	0.0012	ND	ND	ND	ND	ND	0.0015	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	11	24.4	22.9	2.81	NT	NT	NS
	Vanadium	0.0039	0.0059	0.0078	0.0027	ND	0.0219	ND	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	0.0126	0.0253	0.0208	ND	0.0336	ND	0.0118	0.0165	0.0148	0.0141	0.0175	0.0148

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

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location OB03A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	317	461	270	340	226	266	268
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.47	8.93	4.35	7.91	5.09	6.15	4.51
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	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	ND	ND	ND
	Barium	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	0.529	0.51	0.495
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	0.0031	0.0022	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	69.4	91.6	66	24.8	68.5	76	62.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	194	164	176	239	193	245	185
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	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	0.0563	0.057	0.0672
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	19.1	38.5	12.1	35	22.5	31.1	19.5
	Copper	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	ND	0.00958	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	700	670	360	580	375	420	350
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	39.4	49.3	31	2.71	29.71	29.85	26.5
	Lead	ND	ND	ND	ND	0.0026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	2.812	17.89	2.9275	17.88	14.2709	15.08	NT	NT	NT	NT	NT	44.4	66.8	41.6	15.8	48.7	52.7	39.3
	Manganese	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.3	6.35	16.4	0.982	14.2	13.7	15.4
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.0194	ND	0.0158	0.0185	0.021
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.76	4.98			6.03	6.04	5.2
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.4	19.2	9.18	4.68	9.64	13.1	9.64
	Selenium	ND	ND	0.0029	ND	ND	ND	0.003	ND	ND	ND	ND	0.0024	ND	ND	ND	ND	0.00586	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	70.3	132	58.5	14.4	70.5	91	52.2
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1023	1661			975.1	1379	1082
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	33.5	75.4	26.9	58.4	31.5	41.8	21.2
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	780	1112	704	980	888	952	632
	Thallium	ND	0.0013	ND	0.0012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	39.4	271	13.3	13.6	NT	NT	NS
	Vanadium	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	ND	ND	ND
	Zinc	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	0.0089	0.0142	0.00986

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

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location OB04	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	221	242	255	238	242	261	248
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.328	0.542	0.514	0.695	0.673	0.667	0.771
	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	0.0034	ND	0.0055	ND	ND	0.00907	0.00857
	Barium	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	0.255	0.281	0.247
	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	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	154	160	159	154	157	173	157
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	412	193	424	433	416	473	448
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	26.3	25.2	29.8	30.7	29.2	34.1	26.7
	Copper	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	0.0314	0.0377	0.0353
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	670	610	680	717	705	714	712
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.343	1.13	1.2	ND	0.92	0.804	0.824
	Lead	ND	ND	ND	ND	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	75.1	83.7	81	88.1	89.1	88.9	76.6
	Manganese	0.215	0.6462	0.0306	0.7021	0.1073	1.2	NT	NT	NT	NT	NT	1.32	1.81	1.84	1.94	2.03	2.07	2.28
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.0145	0.0132	0.0115	0.0178	0.0179
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.71	5.3			5.88	5.65	5.67
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.32	6.52	6.45	7.29	7.18	7.03	7.72
	Selenium	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	0.0144	0.032	0.0321
	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	71	77.6	73.8	74.4	74.3	73.3	63.2
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1673	1758			1503	1817	1828
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	18.8	21.1	28.4	19.6	22.3	19.5	18.3
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1348	1772	1760	1428	1736	1632	1432
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.07	0.24	0.632	0.421	NT	NT	NS
	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	0.007	0.0058	0.0167	ND	0.0138	ND	0.00761	0.00779	0.00828	0.00744	0.00692	0.00885

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location OB04A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	125	142	135	133	127	129	123
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.301	0.366	0.281	0.379	0.316	0.218	0.299
	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	0.0036	ND	0.0061	0.0053	ND	**0.0105**	**0.0107**
	Barium	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	0.0555	0.0614	0.0553
	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	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	109	116	113	117	118	124	118
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	438	311	468	473	460	531	501
	Chromium	ND	ND	ND	ND	ND	0.0022	ND	0.0026	ND	ND	ND	0.0021	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	31.3	26.4	29.5	39.3	27.5	33	33.3
	Copper	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	0.0236	0.0295	0.0256
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	570	550	600	592	602	622	598
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.998	1.57	1.24	0.636	0.712	1.12	0.615
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	71.9	86.1	80.3	94.8	85.5	88.8	81
	Manganese	0.6448	0.6915	0.6969	0.3169	0.6662	0.6592	NT	NT	NT	NT	NT	0.969	1.07	1.13	1.12	1.1	1.01	1.12
	Mercury	ND	ND	**0.0799**	ND	ND	ND	ND	ND	0.0004	ND	ND	0.0003	ND	ND	ND	ND	ND	ND
	Nickel	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	0.0207	0.0193	0.017	0.0234	0.0239
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.82	4.84			5.43	5.57	5.29
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.93	5.25	4.92	5.92	4.99	5.73	5.42
	Selenium	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	0.0161	0.0373	0.0391
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	0.0026	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	89.1	101	91.9	100	91.1	95	89
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1943	1678			1438	1752	1785
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.1	12.9	12.8	11.5	11	11.1	11.5
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1200	1764	1672	1356	1636	1508	1476
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.3	16.8	16.3	5.83	NT	NT	NS
	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	0.0166	0.017	0.0201	0.0273	0.0321	0.024	0.0227	0.0214	0.021	0.0204	0.0227	0.0222

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Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location OB06	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	150	170	220	145	156	175	161
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	0.389	ND	ND	ND
	Antimony	ND	ND	ND	0.0033	ND	ND	0.0034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	0.003	0.0027	ND	0.0027	ND	ND	0.0032	ND	0.0067	ND	ND	ND	ND
	Barium	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	0.195	0.221	0.19
	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	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	148	147	126	145	137.5	142	148
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	356	222	360	356	350	383	374
	Chromium	ND	ND	ND	ND	ND	0.0104	ND	0.0768	ND	ND	0.0127	0.0021	0.021	**0.127**	0.0199	ND	0.0133	0.00631
	Cobalt	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	ND	0.00694	0.00655
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	68	55.1	31.5	38.9	32.9	44	38.1
	Copper	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	0.00681	0.0309	0.015
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	580	560	550	553	552	582	566
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.7	29.2	111	15.5	1.05	12.2	5.07
	Lead	ND	ND	ND	0.0028	ND	0.0048	ND	**0.0491**	ND	ND	ND	ND	0.0126	**0.0503**	**0.0474**	ND	0.0081	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	56.6	64.4	78.8	63	55.9	61.3	61.1
	Manganese	0.2995	0.3857	0.3813	0.4155	0.4181	0.4954	NT	NT	NT	NT	NT	0.482	0.668	1.57	0.862	0.487	0.592	0.589
	Mercury	ND	ND	ND	ND	ND	ND	ND	0.0005	0.0003	ND	ND	ND	**0.00286**	0.00149	**0.00852**	0.00087	0.00054	0.00041
	Nickel	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	0.131	0.0245	0.0112	0.0207	0.0184
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.6869	0.6679	0.87	0.758	0.786	0.708	0.674
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.62	5.69			5.51	5.76	5.42
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.82	6.71	28.8	6.2	4.72	7.39	5.52
	Selenium	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	0.0122	0.0121	0.0151
	Silver	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	0.0088	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	83.3	92	70.4	80.3	81	94.3	88.7
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1564	1571			1289	1600	1618
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	82.9	85.1	81.7	85.7	93.7	76.8	89.6
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1116	1388	1784	1192	960	1156	1224
	Thallium	ND	ND	ND	ND	ND	ND	ND	**0.0031**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	21.7	533	3329	3800	NT	NT	NS
	Vanadium	ND	ND	ND	ND	ND	0.0069	ND	0.0724	ND	ND	ND	ND	0.0204	0.133	0.0213	ND	0.0148	ND
	Zinc	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	0.0213	0.0545	0.0385

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

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location OB07	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	163	161	184	175	169	176	172
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0598	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	0.0257	0.0261	0.0265
	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	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	99.5	105	102	114	112.5	108	113
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	150	48.8	171	193	194	199	202
	Chromium	ND	ND	ND	ND	ND	ND	ND	0.0034	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	ND	13.6	ND	14	5.2	11.7	ND
	Copper	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	ND	0.00909	0.00561
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	331	350	360	407	409	412	410
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.262	1.07	2.14	1.08	0.659	0.957	0.837
	Lead	ND	ND	ND	ND	ND	ND	ND	0.0031	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	26.1	29.7	28.5	35.2	34.8	33.6	33.3
	Manganese	ND	0.0043	0.0038	0.0232	0.0772	0.0479	NT	NT	NT	NT	NT	0.0317	0.281	0.221	0.0338	0.0369	0.113	0.0724
	Mercury	ND	ND	ND	ND	ND	0.0003	ND	ND	ND	ND	ND	ND	ND	0.00028	0.00049	0.00031	0.00029	0.00053
	Nickel	ND	ND	ND	ND	0.0022	ND	0.0024	0.0056	0.0022	ND	ND	0.0047	0.0057	ND	ND	ND	ND	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.5482	0.5966	0.658	0.861	0.819	0.8232	0.8309
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.04	5.95			6.34	6.55	6.17
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.07	3.23	3.13	3.24	3.42	3.4	3.54
	Selenium	ND	ND	ND	ND	0.0042	ND	0.0029	0.0054	0.0028	ND	ND	0.0044	ND	0.0058	0.0071	0.00658	0.00506	0.00714
	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	21.4	23.3	21.9	21.3	20.8	24.5	19.5
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	760	828.1			806.2	937.2	973.5
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.4	15.2	19.2	20.4	21	20.2	23
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	644	764	1068	800	984	708	828
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.283	14.3	40.7	0.939	NT	NT	NS
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	0.0075	0.023	ND	ND	ND	ND	ND	0.0126	0.0112	ND	0.00576	0.00575	0.00624

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Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location OB07A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	124	92	115	112	115	122	119
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0439	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	0.0432	0.0405	0.0485
	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	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	91.8	55.8	72	86.5	90	82.9	94.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	235	74.5	205	216	246	244	265
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	0.0025	0.0027	ND	ND	ND	0.0059	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	17.8	6.1	9.7	16.5	10	16.9	15
	Copper	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	ND	0.00594	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	420	205	350	390	424	408	436
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.239	ND	0.5	0.819	0.538	0.458	0.576
	Lead	ND	ND	ND	ND	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	51.2	21.7	41.6	49.3	52.5	48.3	50.2
	Manganese	0.3046	0.0437	0.0237	0.2041	0.1168	0.0692	NT	NT	NT	NT	NT	0.0592	0.753	0.0954	0.07	0.0716	0.0676	0.0891
	Mercury	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	0.00047	0.00075	0.00056	0.00107	0.00116
	Nickel	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	ND	ND	ND	ND	0.00528
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.8907	ND	0.9	0.902	0.891	0.97	0.97
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.51	5.94			5.6	5.86	5.81
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.66	7.32	2.56	2.3	2.44	2.45	2.8
	Selenium	ND	0.0022	ND	ND	0.0042	ND	0.0034	0.0044	0.0032	ND	ND	0.0083	ND	0.0064	0.0095	0.00935	0.00589	0.00838
	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	30.2	23.8	26.1	25.6	26.3	28.6	24.8
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	706.7	565.4			860.9	994.7	1082
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	22.4	3.38	21.6	22.6	28	24.3	24.6
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	784	492	1176	796	872	748	856
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.317	6.85	1.55	0.579	NT	NT	NS
	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	0.0065	0.0086	ND	ND	ND	ND	0.0136	0.0079	0.00516	ND	ND	0.0057

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location OB08	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	229	245	248	230	230	239	223
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0158	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	0.128	0.129	0.129
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	63.5	71.1	65.9	62.7	67.1	70.8	68.2
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	34.7	31.2	32.8	34.2	46.1	42.8	47.4
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	0.0084	0.0078	0.0069	0.0034	ND	ND	0.0052	0.0064	0.0064	0.007	0.00803	0.00789	0.00841
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	4.9	ND	ND	ND	9.9	ND
	Copper	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	ND	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	228	250	300	265	144	236	234
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.301	0.675	0.647	0.718	0.797	0.74	0.774
	Lead	ND	ND	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	5.08	5.08	5.08	5.08	5.08	5.08	5.08	5.08	5.08	5.08	5.08	12.9	16.6	14.9	17	16.8	17.7	17
	Manganese	0.2364	0.0976	0.0716	0.4195	0.2417	8.924	NT	NT	NT	NT	NT	6.29	7.07	7.18	6.56	7.228	6.84	7.26
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	ND	ND	ND	0.0028	0.0021	0.0081	0.0089	0.0082	0.0039	ND	ND	0.0083	0.0081	0.0083	0.0077	0.0085	0.00877	0.0107
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.04	5.41			5.85	6.22	6.04
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.81	2.87	2.63	2.91	2.86	2.85	2.95
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	27.2	31.6	28	28.7	27.4	28	25.4
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	523.1	528.2			476.3	559.9	566.8
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.54	4.91	4.83	ND	ND	4.76	4.11
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	284	340	384	280	344	348	352
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.266	0.77	0.485	0.735	NT	NT	NS
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	0.0057	0.0039	0.0048	ND	ND	ND	ND	ND	ND	0.00765	0.00658	0.00607	0.00624

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Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location OB08A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	228	233	226	220	218	221	216
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.299	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	0.0026	0.003	0.0022	ND	ND	ND	0.0023	ND	ND	ND	ND	ND	ND
	Barium	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	0.0689	0.0735	0.068
	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	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	59.4	52.6	52.9	58.1	54.4	53.3	54.7
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	67.4	39.9	58.2	45.4	63.3	55.5	65.4
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	0.0184	0.0171	0.0177	0.0094	ND	0.0167	0.0186	0.0135	0.0175	0.0146	0.0173	0.0171	0.0189
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	39.2	5.3	10.2	ND	8.6	ND
	Copper	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	ND	0.00802	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	570	330	300	370	190	252	240
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.85	3.33	3.35	3.69	3.05	3.44	3.93
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	23.2	19.2	19.3	20.3	22	21.8	21.8
	Manganese	0.2168	0.0206	0.0218	0.1302	0.2202	9.787	NT	NT	NT	NT	NT	8.16	7.9	8.23	8.57	7.484	7.53	8.27
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	ND	ND	ND	0.0021	0.0026	0.0106	0.0088	0.0083	0.0054	0.0095	ND	0.0095	0.0068	0.0079	0.0071	0.00745	0.00751	0.01
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.65	5.49			5.96	6.07	5.87
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.82	2.73	2.52	2.77	2.8	2.79	2.99
	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	37	34.7	31.7	30.8	31.8	32.9	30.7
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	579.9	541.9			502.5	579.1	600.1
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.85	3.04	5.74	ND	ND	ND	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	352	336	384	340	1240	364	364
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.69	3.8	0.528	1.36	NT	NT	NS
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	0.0083	0.0051	0.0045	ND	ND	ND	ND	ND	ND	0.0078	0.00676	0.0101	0.00749

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

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location OB10	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	110	83	134	116	122	119	133
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.0534	0.0569	0.0573
	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	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	38.6	37.7	43.4	39.8	45.8	48.1	50.1
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	82.4	53.3	83.6	89	94.1	100	121
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0036	0.0035	0.0026	0.0029	ND	0.0035	ND	0.0041	0.0022	ND	ND	0.0029	ND	0.0059	ND	ND	0.00519	0.00809
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	7.5	10.3	ND	ND	7.5	ND
	Copper	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	ND	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	160	161	230	230	226	210	244
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.598	1.9	1.28	0.783	1.12	0.975	1.63
	Lead	ND	ND	ND	ND	ND	0.0021	ND	0.0031	ND	ND	ND	ND	0.0085	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	19.4	18.1	24	24.9	27.8	25.8	28.1
	Manganese	20.38	2.248	1.9194	2.04	ND	2.376	NT	NT	NT	NT	NT	2.63	1.31	3.47	2.68	3.03	3.15	4.31
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.0079	0.0063	0.00682	0.00887	0.0115
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	0.008	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.3	5.98			5.8	6.05	5.49
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.81	2.94	2.65	3.28	3	3.02	3.32
	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	19	20.3	20.3	18.4	19.6	18.2	18.3
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	413.6	423.9			446.8	544.8	623.9
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.7	ND	ND	ND	ND	ND	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	368	364	552	456	492	480	396
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.09	21.1	1.16	0.443	NT	NT	NS
	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	0.023	0.0198	0.0087	ND	0.0107	ND	0.0226	0.00595	0.00573	0.00698	0.00662	0.00705

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

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location OB102	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1140	960	1100	1008	1000	1056	1060
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	11.2	12.4	8.98	11.1	11.1	11.6	12
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	0.0042	0.0061	0.0057	**0.0196**	0.0063	0.0061	ND	0.0065	ND	0.0068	0.0061	0.00581	ND	ND
	Barium	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	0.344	0.355	0.349
	Beryllium	ND	ND	ND	ND	ND	ND	ND	**0.008**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	0.0021	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	116	113	114	124	119.7	115	120
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	560	128	577	578	564	602	588
	Chromium	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	ND	ND	0.00622
	Cobalt	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	0.0724	0.0734	0.0729
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	262	250	252	235	237	227	242
	Copper	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	0.0449	0.0505	0.0485
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	810	158	900	775	701	640	700
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.95	9.66	3.55	1.69	0.798	0.945	1.01
	Lead	ND	0.0026	ND	0.0046	0.0022	ND	ND	**0.0806**	ND	0.0055	ND	0.0043	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	94.8	98.7	94.3	102	98.4	97.4	97.4
	Manganese	6.425	17.25	25.835	24.56	ND	NT	NT	NT	NT	NT	NT	22.2	20.7	21.8	23.5	20.9	21.2	21.7
	Mercury	ND	ND	ND	ND	ND	ND	ND	0.0006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.101	0.092	0.0909	0.0925	0.0962
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.26	5.95			6.42	6.64	6.29
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	37.2	41.7	37.8	39.8	40.4	39.9	41.4
	Selenium	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	0.0224	0.017	0.0176
	Silver	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	613	549	500	561	550	532	586
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3522	3493			3010	3558	3612
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	71.9	71.5	57.4	74.3	74.4	55.4	55.2
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2120	2172	2252	2308	2244	2268	2236
	Thallium	ND	ND	ND	ND	ND	ND	ND	**0.0087**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	191	202	71.4	23.7	NT	NT	NS
	Vanadium	ND	ND	ND	0.0047	ND	ND	0.003	0.1443	ND	0.0105	ND	0.0104	0.0124	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	0.021	1.254	0.0248	0.0424	0.0776	0.0464	0.0402	0.0224	0.0135	0.0127	0.013	0.0129

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Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location OB105	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	810	1710	600	728	494	51	522
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.4	61.8	5.02	25.1	4.4	16.3	3.48
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	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	ND	**0.0147**	0.009
	Barium	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	0.157	0.601	0.138
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0026	ND	ND	ND	ND	**0.0112**	ND
	Cadmium	ND	ND	ND	ND	**0.0079**	**0.0125**	NT	NT	NT	NT	NT	0.0047	ND	ND	ND	ND	**0.0109**	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	156	124	165	92.2	170	160	167
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	328	265	334	219	309	356	337
	Chromium	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	0.0184	**0.166**	0.0236
	Cobalt	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	0.0345	0.2	0.0316
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	173	258	207	92.4	83.4	140	61.5
	Copper	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	0.0237	0.293	0.0417
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	900	870	950	576	866	960	908
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	85.3	31.2	110	17.1	19.96	253	26.7
	Lead	0.0024	ND	ND	0.0033	0.0033	ND	ND	0.0033	0.0021	ND	ND	**0.0268**	ND	**0.0332**	ND	0.015	**0.0726**	**0.0155**
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	129	152	132	96.5	132	168	116
	Manganese	2.046	1.112	2.1005	2.237	ND	1.481	NT	NT	NT	NT	NT	3.58	1.97	3.76	1.68	2.66	6.03	3.07
	Mercury	ND	ND	**0.0108**	ND	ND	ND	ND	0.0004	ND	ND	ND	**0.0038**	ND	**0.003**	0.00026	0.00101	**0.00645**	0.00173
	Nickel	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	0.228	0.0258	0.053	0.283	0.0691
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	0.99	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.81	6.33			6.18	6.55	5.75
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	35.7	136	19.3	61.3	15	58.6	12.9
	Selenium	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	0.00977	0.0198	0.0225
	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	286	468	174	202	183.57	226	167
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3384	3886			1963	3025	2414
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	346	105	309	139	314	312	289
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1736	2400	1876	1320	1872	1776	1628
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1215	338	3430	240	NT	NT	NS
	Vanadium	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	0.0331	0.363	0.0492
	Zinc	NT	NT	NT	NT	NT	NT	0.0175	0.0799	0.1131	0.0352	0.0501	0.556	0.031	0.765	0.153	0.15	0.975	0.252

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Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location OB11	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	201	165	200	211	215	217	219
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	0.0055	ND	ND	ND	0.0021	ND	0.0024	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.0292	0.0295	0.0282
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	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**	**0.0101**	**0.0104**	**0.0104**
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	126	108	133	134	132.3	132	133
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	330	393	358	259	371	407	398
	Chromium	ND	0.0023	ND	ND	ND	0.0027	ND	0.0037	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0613	0.0027	0.0452	ND	ND	ND	ND	0.0036	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	27.5	28.2	29	32.5	22.4	32.8	24
	Copper	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	0.0064	0.00894	0.00814
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	550	510	600	563	581	596	592
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.454	0.84	1.22	1.27	0.738	0.726	0.656
	Lead	ND	0.0074	0.0028	0.0026	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	60.1	59.1	67.9	66.6	66.6	67.4	64.4
	Manganese	ND	0.7036	5.365	0.6313	0.5976	0.8841	NT	NT	NT	NT	NT	0.862	0.7	0.884	0.869	0.768	0.758	0.858
	Mercury	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	**0.00254**	0.00165	0.00102	0.00098	0.00118
	Nickel	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	0.0375	0.0331	0.0333	0.0339	0.0411
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.69	5.03			5.35	5.41	5.31
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.56	8.25	4.9	4.82	4.7	5.13	5.19
	Selenium	ND	ND	0.0034	ND	ND	ND	0.0036	0.0043	0.0029	ND	ND	0.0049	ND	0.0078	0.0061	0.00568	ND	0.011
	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	56.7	59.9	68.8	67.9	68.5	68	68
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1339	1340			1302	1559	1601
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.96	8.47	9.53	9.48	10.2	11.2	10.3
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1208	1152	1416	1116	1036	1404	1212
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	1.16	3.65	5.75	0.733	NT	NT	NS
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	0.0389	0.04	0.0427	0.038	0.0508	0.0508	0.0432	0.0309	0.0426	0.043	0.042	0.0453	0.0462

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

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location OB11A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	270	282	280	292	285	279	288
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.222	0.817	1.7	2.11	1.59	1.11	1.25
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	0.0087	ND	0.0027	ND	ND	ND	0.0072	0.0031	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.166	0.183	0.165
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0102**	ND	ND	ND
	Cadmium	**0.0061**	**0.01**	**0.0076**	**0.0051**	0.005	ND	NT	NT	NT	NT	NT	0.0025	**0.0101**	ND	**0.0059**	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	99	92.5	89.8	84.7	93.5	93.4	91.4
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	310	262	290	211	297	300	312
	Chromium	ND	0.0025	ND	ND	ND	ND	ND	0.0024	ND	ND	0.0102	ND	ND	ND	0.0321	ND	ND	ND
	Cobalt	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	0.025	0.025	0.0271
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	30.8	32.3	30	33.7	21.6	30.4	17.8
	Copper	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	0.00569	0.00569	0.00646
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	540	500	660	524	598	500	508
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.61	4.65	1.33	48.4	1.01	1.05	1.07
	Lead	ND	**0.0179**	0.0026	0.003	0.0031	ND	ND	0.0079	ND	ND	ND	ND	0.0059	ND	**0.0723**	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	69.2	64.2	67	55	68.6	69.9	64.8
	Manganese	0.5364	5.137	0.8988	5.408	6.8885	4.922	NT	NT	NT	NT	NT	5.23	7.39	6.38	13.1	5.83	6.29	6.14
	Mercury	0.0019	0.0011	0.0019	0.0003	ND	0.0003	0.0005	0.0014	0.0008	0.0005	0.0009	ND	**0.00232**	ND	ND	ND	ND	ND
	Nickel	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	0.0232	0.0701	0.0222	0.0192	0.0266
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.01	5.28			5.49	5.59	5.36
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.71	7.17	6.81	13.7	6.83	6.41	6.84
	Selenium	ND	0.0048	ND	0.0022	0.0022	ND	0.0029	0.0067	0.0022	ND	ND	0.0048	ND	0.0062	0.0185	ND	ND	0.00713
	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	107	97.5	101	38.5	99.8	99.4	95.1
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1444	1363			1227	1405	1499
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.6	14.9	18.4	17	15	15.8	15.7
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1192	1032	1068	908	304	1048	904
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	Nt	1.97	19.4	3.31	0.83	NT	NT	NS
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0919	ND	ND	ND
	Zinc	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	0.021	0.0211	0.0223

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

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location OB12	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	110	100	108	44	106	116	113
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Antimony	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.0173	0.0174	0.018
	Beryllium	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	NT	NT	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	33.3	39	32.3	34.1	33	38.3	26.5
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	69.9	83.9	65.8	80.1	62.7	76.9	66.4
	Chromium	NT	NT	0.0024	ND	ND	0.0104	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	NT	NT	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	ND	12.1	7.4	6.9	ND	8.1	ND
	Copper	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	ND	0.00512	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	165	189	162	182	153	194	160
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.368	ND	0.228	ND	ND	ND	ND
	Lead	NT	NT	ND	0.0032	0.0032	0.0046	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	19.7	23.4	19.8	27	20.6	24.5	16.1
	Manganese	NT	NT	1.03	0.6074	0.2305	0.1681	NT	NT	NT	NT	NT	0.102	0.131	0.107	0.106	0.108	0.114	0.119
	Mercury	NT	NT	0.0006	0.0004	0.0005	0.0011	ND	0.0015	0.0007	ND	ND	0.0003	ND	ND	ND	ND	ND	ND
	Nickel	NT	NT	0.0058	0.0069	0.0065	0.0156	0.0035	0.0062	0.0064	0.0066	ND	0.0089	0.0101	0.0102	0.0084	0.00652	0.00911	0.00856
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.622	2.25	1.377	1.59	1.14	1.26	0.99
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.84	6.14			5.46	5.51	5.29
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3	3.04	2.32	3.24	2.69	3.26	2.97
	Selenium	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	24.5	27.8	25.4	27.9	22.8	30	18.2
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	481.7	511.8			421.1	497.1	417.9
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.14	14.9	7.13	4.78	5.57	12	4.58
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	308	400	408	120	296	340	312
	Thallium	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.49	5.15	0.328	0.167	NT	NT	NS
	Vanadium	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	0.013	0.0478	0.0222	0.0236	0.0125	ND	0.0134	0.00773	0.00765	0.00631	0.00533	0.0082

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location OB15	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	242	93	230	74	228	51	226
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.646	0.228	0.29	ND	0.307	ND	0.274
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	0.0031	ND	ND	**0.0366**	ND	ND	ND	ND	ND	0.0069	ND	ND	ND	ND	ND	0.007
	Barium	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	0.0919	0.0722	0.0923
	Beryllium	ND	ND	0.0039	ND	ND	**0.0088**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	**0.0099**	NT	NT	NT	NT	NT	0.0042	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	29.5	20.3	18	14.8	21.6	16.5	18.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.16	3.48	7.73	4.61	10	3.95	11.9
	Chromium	ND	ND	**0.1041**	ND	0.009	**0.3214**	ND	0.0521	ND	ND	ND	0.019	ND	ND	0.0053	ND	ND	0.0114
	Cobalt	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	0.00621	ND	0.0165
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	49.3	11.1	11.2	ND	27.3	ND	17.8
	Copper	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	0.0094	0.00664	0.0408
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	600	270	165	114	156	140	120
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	54.9	16	27.3	9.24	39.4	6.6	47.8
	Lead	ND	0.0026	**0.0242**	ND	0.0088	**0.1747**	ND	**0.0409**	ND	ND	ND	**0.017**	ND	ND	ND	ND	ND	0.00794
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	23.2	24.5	17.4	22	21.6	21.3	17.4
	Manganese	3.5	ND	6.422	4.44	ND	9.2235	NT	NT	NT	NT	NT	5.73	4.5	3.87	1.78	3.27	1.28	2.5
	Mercury	ND	ND	ND	ND	ND	0.0003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.0098	0.0149	0.00599	0.015	0.0235
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	0.008	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.01	6.62			6.15	5.5	5.7
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.15	2.3	2.18	2.29	2.46	2.12	2.32
	Selenium	ND	ND	0.0134	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	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	35	14.5	53.3	36.1	59.1	29.2	62.5
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	576.4	368.7			535.4	323.1	521.8
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	78.6	78.1	56.5	78.9	49.2	93.2	37.9
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	328	252	324	420	528	272	308
	Thallium	ND	ND	ND	ND	ND	**0.0024**	ND	**0.0024**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	125	53.8	25.4	96.8	NT	NT	NS
	Vanadium	ND	ND	0.039	ND	0.0032	0.1477	ND	0.0282	ND	ND	ND	0.0052	ND	ND	ND	ND	ND	ND
	Zinc	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	0.0668	0.0966	0.397

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location OB25	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	423	416	472	282	267	249	374
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.57	0.771	3.69	0.629	1.91	0.731	2.31
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0034	ND	ND	0.004	ND	ND	ND	ND	0.0024	ND	ND	0.0037	**0.012**	ND	ND	ND	ND	ND
	Barium	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	0.163	0.146	0.631
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0137**	**0.0057**	ND	ND	ND	ND	**0.00617**
	Cadmium	ND	ND	ND	0.0024	ND	ND	NT	NT	NT	NT	NT	**0.0174**	**0.0072**	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	111	89.9	90.2	92.7	65.1	73.3	89.5
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	156	183	173	62.3	86.6	73.5	158
	Chromium	0.0228	0.0035	ND	0.0652	ND	ND	ND	0.0046	0.0089	ND	ND	**0.105**	**0.141**	0.0193	ND	ND	0.0297	0.0174
	Cobalt	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	0.0285	0.0393	0.122
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1080	79.4	90	107	19.6	18.6	23.5
	Copper	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	0.0168	0.0374	0.143
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	740	520	750	450	292	356	500
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	239	210	29.9	1.32	5.73	31.7	25.9
	Lead	0.0086	ND	ND	**0.026**	0.0021	ND	ND	ND	0.0026	ND	ND	**0.148**	**0.0358**	ND	ND	0.0137	0.00771	**0.0269**
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	82.8	109	71.6	70.2	44.2	57.7	62.4
	Manganese	1.9548	5.523	11.562	15.005	10.264	9.249	NT	NT	NT	NT	NT	55.8	33.5	24.2	6.86	10.52	7.21	20.7
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0003	ND	ND	0.00142	ND	0.00129	0.00052
	Nickel	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	0.0506	0.0183	0.0128	0.0467	0.062
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.6782	2.31	ND	1.33	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.19	5.51			8.7	7	5.98
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	17.6	15.9	16.6	7.24	14.3	10.7	16.8
	Selenium	0.0025	ND	ND	0.0053	ND	ND	ND	0.0023	ND	ND	ND	0.0364	0.0172	0.0059	ND	ND	0.00523	0.00877
	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	84	76.6	88.9	100	54.3	43.9	69
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1301	1340			NT	627.7	931.1
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	71.8	75.3	67	32.1	39.7	44.1	61.8
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	888	916	916	532	252	568	756
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10100	3870	357	15050	NT	NT	NS
	Vanadium	0.0171	0.0022	ND	0.0629	ND	ND	ND	ND	0.0087	ND	ND	0.156	0.129	0.0141	ND	0.00768	0.0236	0.0452
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.95	1.09	0.109	0.0216	0.0256	0.112	0.13

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

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location ST15	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	80	115	79	98	31	99	38
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.239	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	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	0.0197	0.0367	0.0197
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	33.4	36.7	32.5	27.4	10.3	31.2	14.4
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	58.2	102	67.7	38.1	5.32	157	13.1
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0041	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0027	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	7.2	6.7	24.8	14.1	22.8	14.5
	Copper	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	ND	0.00811	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	160	180	160	95	29	122	48
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.372	0.814	0.701	0.863	ND	0.846	0.68
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0032	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.7	17.6	15	8.5	2.23	12	3.73
	Manganese	0.2846	0.1448	0.1394	0.1185	0.1826	0.1261	NT	NT	NT	NT	NT	0.101	0.294	0.19	0.109	0.0434	0.245	0.0766
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.0078	0.0052	ND	0.00661	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.465	1.3279	1.3876	0.401	ND	0.799	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.39	7.19			7.34	7.55	6.19
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.59	3.08	2.58	3.48	2.15	4.16	1.48
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	24.5	59	24.8	28	4.33	108	7.36
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	386.7	538.8			82.1	703.9	118.1
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	20.7	15.6	25.5	7.19	4.42	8.46	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	280	368	404	204	1276	392	100
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.04	5.24	6.06	25.6	NT	NT	NS
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0027	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	0.0246	0.0187	0.0296	NT	0.0536	0.0202	0.0243	0.0174	0.0131	0.0103	0.0155	0.0065

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Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location ST120	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	64	74	70	60	49	52	72
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0488	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	0.0357	0.0397	0.0423
	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	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	25.7	34	31.6	23.1	33.4	23.3	24.9
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	197	93.2	102	50.1	110	47
	Chromium	ND	ND	ND	0.0021	0.0021	0.0026	0.0027	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	ND	7	11.1	15.1	11.9	9.7	ND
	Copper	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	0.00623	0.00914	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	340	150	180	113	73	98	100
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.525	1	0.705	0.661	0.75	0.474	0.704
	Lead	ND	ND	ND	0.0031	0.0028	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	0.00528	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.3	19.1	16.3	14.2	12.6	11.5	14.2
	Manganese	0.2052	0.0878	0.0937	0.2585	0.2074	0.2912	NT	NT	NT	NT	NT	0.0634	0.238	0.0817	0.126	0.051	0.0853	0.117
	Mercury	ND	ND	ND	0.0006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.0066	0.0098	0.00741	0.00818	0.00593
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.029	1.2126	0.792	0.787	0.581	1.33	1.3
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.41	5.96			6.98	7.38	6.68
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.88	3	3.02	2.51	3.08	2.25	2.2
	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	27.5	170	34	53.7	34.5	65.1	15.3
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	370.8	1116			236.6	489.4	303.4
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.6	17.2	13.5	7.5	6.45	7.76	5.56
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	244	720	376	372	208	284	228
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.12	8.2	2.4	3.86	NT	NT	NS
	Vanadium	ND	ND	ND	0.004	ND	0.0033	0.0028	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.0124	ND	0.00891	0.00844	0.0106	ND

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Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location ST65	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	70	235	88	243	203	237	98
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0745	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	0.079	0.0484	0.045
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	18.1	40	34.3	33.9	34.2	30.6	34.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	51.7	85.7	98.4	99.6	154	136	91.5
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0074	ND	ND	ND	ND	ND	0.0134	ND	ND	ND	ND	0.0137	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	34.8	34.7	7.7	35.1	39.2	32.6	10.5
	Copper	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	0.00767	0.00768	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	100	222	170	180	174	178	150
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.1	0.529	0.286	0.657	0.613	0.507	0.548
	Lead	ND	ND	ND	ND	0.0032	ND	ND	ND	ND	ND	ND	0.0036	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.6	30.7	18.4	26.9	23.7	29	17.4
	Manganese	0.5262	0.052	0.112	0.0871	0.2699	0.0559	NT	NT	NT	NT	NT	2.37	0.0486	0.0179	0.143	0.25	0.0864	0.0182
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	ND	0.0095	0.0103	0.00895	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.7773	1.117	0.392	ND	0.621	0.654
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.7	6.31			7.07	7.56	6.96
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.92	14.3	4	14.8	14.9	13.8	4.68
	Selenium	0.0024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0082	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	25.7	110	37	121	115	136	26.3
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	302.3	884.2			795.9	872.7	471.5
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.32	42.1	10.8	26.6	32.8	25.4	10.4
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	196	500	500	524	588	532	360
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	90.3	5.03	0.696	8.26	NT	NT	NS
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0036	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	0.0185	0.0032	ND	ND	0.0058	0.0165	0.0053	ND	0.00604	0.00665	0.00539	ND

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Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location ST70	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	109	106	115	105	81	128	79
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.497	ND	0.477	ND	0.383	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	0.0496	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	0.0488	0.0706	0.0544
	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	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	38.2	37.9	42.8	32.5	27.4	56.8	31.7
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	85.8	68.8	97.6	79.8	50.6	122	49.5
	Chromium	ND	ND	ND	0.0167	0.0202	0.013	0.0034	0.0194	0.0033	ND	0.0422	ND	ND	ND	ND	ND	0.0234	ND
	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	ND	14.1	10	18.5	15.3	17.2	19.5
	Copper	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	0.00714	0.00996	0.00663
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	170	150	170	128	110	188	124
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.421	0.98	0.357	1.04	0.555	1.36	0.466
	Lead	ND	ND	ND	ND	0.0023	ND	ND	0.0039	ND	ND	0.0027	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	16.3	15.9	17.8	13.6	8.98	16.5	11.7
	Manganese	0.2892	0.1555	0.2356	0.1272	0.2724	0.1056	NT	NT	NT	NT	NT	0.154	0.274	0.147	0.185	0.0928	0.436	0.0764
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	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	0.0077	0.0086	0.00908	0.00831	0.00762
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.8591	1.124	1.4818	0.831	0.774	1.489	0.878
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.54	6.61			7.05	8.51	6.53
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.3	4.4	6.84	4.15	4.52	13.1	5.33
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	34.2	69.8	40.1	45.6	20.4	77.1	22.1
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	520.6	625.1			291.6	691	315.7
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	20.8	18.4	25.2	12.8	11.6	41.4	27.4
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	352	392	524	312	256	448	256
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.96	9.24	0.753	10.7	NT	NT	NS
	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	0.0167	0.0187	0.016	ND	0.0342	ND	0.0166	0.00661	0.0145	0.0121	0.0143	0.0111

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Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location ST80	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	48	110	44	32	42	34	54
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.456	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.032	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	0.0315	0.0346	0.044
	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	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	16.2	37.9	12.5	11.8	11.9	14.2	18.6
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	32.6	92.3	28.6	27.1	29.4	45.8	38.1
	Chromium	ND	ND	0.0042	ND	ND	ND	0.0026	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	0.0023	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	ND	12.5	17	14.6	12.5	10.3	10.8
	Copper	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	0.005	0.00578	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	70	152	68	46	55	58	86
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.32	0.821	0.863	1.44	0.52	0.741	1.17
	Lead	ND	ND	ND	0.0028	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.41	15.4	6.23	5.73	5.47	7.92	11.2
	Manganese	0.1672	0.2107	0.1439	0.7916	0.0739	0.132	NT	NT	NT	NT	NT	0.126	0.174	0.155	0.149	0.0565	0.0786	0.184
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0025	0.0022	0.0055	0.0053	0.0028	ND	0.0056	0.0043	0.0036	ND	0.0035	0.0042	0.0108	ND	0.0055	ND	ND	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.8957	1.1925	0.35	0.856	0.423	1.68	0.679
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.65	7.37			7	8.08	6.94
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.08	4.64	2.68	2.16	3.82	2.57	3.8
	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	17.4	69	14	14.6	12.1	28.2	16.4
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	216.2	616.7			162.9	234.2	255
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.16	17.3	5.53	6.57	6.04	5.77	5.55
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	144	380	168	144	160	168	160
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.85	7.23	7.86	91.8	NT	NT	NS
	Vanadium	ND	ND	0.0045	0.003	ND	ND	0.0028	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	0.0091	0.0085	0.0066	ND	0.0078	ND	0.0119	ND	0.00952	0.00561	0.00612	ND

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

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location MW1B	Alkalinity														48	49	49	58	52
	Ammonia														ND	ND	ND	ND	ND
	Antimony														ND	ND	ND	ND	ND
	Arsenic														ND	ND	ND	ND	ND
	Barium														0.0057	0.0081	0.0089	0.00843	0.0338
	Beryllium														ND	ND	ND	ND	ND
	Cadmium														ND	ND	ND	ND	ND
	Calcium														6.83	8.18	6.92	8.77	10.4
	Chloride														ND	ND	ND	2.75	3.33
	Chromium														0.0055	ND	0.00501	0.00854	**0.233**
	Cobalt														ND	ND	ND	ND	0.0205
	COD														ND	6.5	ND	ND	ND
	Copper														0.0086	ND	0.00799	0.0104	0.0802
	Hardness														30	36	33	60	80
	Iron														1.22	0.651	1.56	2.22	17.6
	Lead														ND	ND	0.00552	ND	0.0117
	Magnesium														3.72	4.58	4.34	5.74	11.6
	Manganese														0.038	0.0495	0.0441	0.0541	0.516
	Mercury														ND	ND	ND	ND	ND
	Nickel														0.0055	ND	0.00538	0.00801	0.271
	Nitrate														ND	ND	ND	ND	ND
	pH																5.73	6.12	5.6
	Potassium														1.25	1.15	1.47	1.36	3.47
	Selenium														ND	ND	ND	ND	ND
	Silver														ND	ND	ND	ND	ND
	Sodium														10.2	8.37	6.78	8.88	8.62
	Spec. Cond.																76.3	97.9	96.9
	Sulfate														ND	ND	ND	ND	ND
	TDS														440	92	80	92	92
	Thallium														ND	ND	ND	ND	ND
	Turbidity														28.2	39.4	NT	NT	NS
	Vanadium														ND	ND	ND	ND	0.022
	Zinc														0.0102	0.00685	0.0145	0.0179	0.109

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

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location MW2B	Alkalinity														29	37	33	40	36
	Ammonia														ND	ND	ND	ND	ND
	Antimony														ND	ND	ND	ND	ND
	Arsenic														ND	ND	ND	ND	ND
	Barium														0.0113	0.0095	0.0123	0.00636	0.00799
	Beryllium														ND	ND	ND	ND	ND
	Cadmium														ND	ND	ND	ND	ND
	Calcium														4.92	8.72	7.2	9.89	11.7
	Chloride														ND	ND	ND	ND	2.55
	Chromium														ND	ND	ND	ND	ND
	Cobalt														ND	ND	ND	ND	ND
	COD														ND	ND	ND	ND	ND
	Copper														0.0054	ND	ND	0.00608	ND
	Hardness														18	24	35	30	34
	Iron														ND	ND	ND	ND	ND
	Lead														ND	ND	ND	ND	ND
	Magnesium														1.94	2.84	2.85	2.44	3.04
	Manganese														0.0868	0.063	0.044	0.0393	0.0302
	Mercury														ND	ND	ND	ND	0.00058
	Nickel														ND	ND	ND	0.00523	0.00624
	Nitrate														ND	ND	ND	ND	ND
	pH																5	5.39	5.49
	Potassium														1.36	1.58	1.39	1.66	1.74
	Selenium														ND	ND	ND	ND	ND
	Silver														ND	ND	ND	ND	ND
	Sodium														6.99	5.22	4.88	8.64	4.89
	Spec. Cond.																54.9	76	78.6
	Sulfate														ND	ND	ND	ND	ND
	TDS														648	56	44	92	84
	Thallium														ND	ND	ND	ND	ND
	Turbidity														2.43	1.29	NT	NT	NS
	Vanadium														ND	ND	ND	ND	ND
	Zinc														0.00606	0.008	0.00794	0.00753	0.00694

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location MW3A	Alkalinity														40	24	21	24	21
	Ammonia														ND	ND	ND	ND	ND
	Antimony														ND	ND	ND	ND	ND
	Arsenic														ND	ND	ND	ND	ND
	Barium														0.144	0.0519	0.111	0.223	0.113
	Beryllium														ND	ND	ND	ND	ND
	Cadmium														ND	ND	ND	ND	ND
	Calcium														6.89	6.1	11.1	17.2	10.1
	Chloride														ND	2.94	2.89	5.28	2.76
	Chromium														0.053	0.0067	0.00753	0.0815	0.05
	Cobalt														0.041	0.0108	0.0188	0.0397	0.0267
	COD														ND	ND	ND	6.3	ND
	Copper														0.118	0.018	0.0273	0.122	0.0773
	Hardness														130	14	22	50	44
	Iron														61.7	5.99	6.67	86.1	44.4
	Lead														**0.0259**	0.0089	**0.023**	**0.0435**	**0.02**
	Magnesium														20.9	3.68	7.04	28.1	15.6
	Manganese														1.08	0.343	0.629	1.17	0.715
	Mercury														ND	ND	ND	ND	ND
	Nickel														0.0816	0.0067	0.00978	0.0752	0.0544
	Nitrate														ND	ND	ND	ND	ND
	pH																5.55	5.85	5.86
	Potassium														13	1.98	2.86	15	9.8
	Selenium														ND	ND	ND	ND	ND
	Silver														ND	ND	ND	ND	ND
	Sodium														7.66	4.12	4.19	4.33	3.88
	Spec. Cond.																36.1	41.4	39
	Sulfate														ND	ND	ND	ND	ND
	TDS														100	60	144	112	60
	Thallium														ND	ND	ND	ND	ND
	Turbidity														1535	151.5	NT	NT	NS
	Vanadium														0.0529	0.01	0.0124	0.1	0.058
	Zinc														0.227	0.0275	0.0459	0.235	0.159

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location MW3B	Alkalinity														160	110	80	111	137
	Ammonia														ND	ND	ND	ND	ND
	Antimony														ND	ND	ND	ND	ND
	Arsenic														ND	ND	ND	ND	ND
	Barium														0.0943	0.237	0.175	0.0994	0.13
	Beryllium														ND	ND	ND	ND	ND
	Cadmium														ND	ND	ND	ND	ND
	Calcium														10.7	63	57.4	42.3	61.8
	Chloride														ND	4.59	2.57	3.49	3.46
	Chromium														0.0246	0.018	0.0129	0.0409	**0.184**
	Cobalt														ND	0.027	0.00643	0.012	0.0243
	COD														ND	22.4	7.6	6.7	ND
	Copper														0.0125	0.0533	0.0184	0.0403	0.105
	Hardness														100	66	45	114	188
	Iron														1.33	9.62	3.89	19.4	19.15
	Lead														ND	**0.041**	0.011	0.0138	**0.0163**
	Magnesium														0.715	10.6	5.36	11.7	11.3
	Manganese														0.0395	1.26	0.276	0.371	0.584
	Mercury														ND	ND	ND	ND	ND
	Nickel														0.0266	0.031	0.0103	0.0363	0.278
	Nitrate														ND	ND	ND	ND	ND
	pH																10.2	8.47	7.33
	Potassium														26	9.54	9.11	7.83	7.26
	Selenium														ND	ND	ND	ND	ND
	Silver														ND	ND	ND	ND	ND
	Sodium														56.7	107	41	48.6	51.1
	Spec. Cond.																279.6	223.9	329.1
	Sulfate														13.5	165	36.9	65.7	94.4
	TDS														332	472	188	268	292
	Thallium														ND	ND	ND	ND	ND
	Turbidity														42	2130	NT	NT	NS
	Vanadium														0.0047	0.0279	0.0098	0.022	0.0216
	Zinc														0.0123	0.108	0.0359	0.0724	0.0988

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location MW04	Alkalinity														70	60	52	56	51
	Ammonia														ND	ND	ND	ND	ND
	Antimony														ND	ND	ND	ND	ND
	Arsenic														ND	ND	ND	ND	ND
	Barium														0.228	0.0431	0.0409	0.0721	0.0383
	Beryllium														ND	ND	ND	ND	ND
	Cadmium														ND	ND	ND	ND	ND
	Calcium														34.4	35.5	34.5	40.4	33.4
	Chloride														106	138	120	145	125
	Chromium														0.0261	ND	ND	0.00761	ND
	Cobalt														0.0264	ND	ND	ND	ND
	COD														ND	ND	ND	3.1	ND
	Copper														0.037	ND	ND	0.0145	ND
	Hardness														183	200	163	188	162
	Iron														37.6	1.21	1.06	7.69	0.889
	Lead														**0.022**	ND	ND	ND	ND
	Magnesium														30.9	25.8	22.9	25.5	19.6
	Manganese														2.87	0.138	0.104	0.549	0.115
	Mercury														ND	ND	ND	ND	ND
	Nickel														0.0758	0.0108	0.00554	0.0157	0.00948
	Nitrate														0.3756	0.378	0.406	0.47	0.444
	pH																5.7	5.96	5.5
	Potassium														12.2	3.56	2.76	4.51	3.01
	Selenium														ND	ND	ND	ND	ND
	Silver														ND	ND	ND	ND	ND
	Sodium														29.4	30.2	29.4	29.7	24.9
	Spec. Cond.																421.5	587.4	501.7
	Sulfate														ND	ND	ND	ND	ND
	TDS														552	552	520	528	428
	Thallium														ND	ND	ND	ND	ND
	Turbidity														880	13.2	NT	NT	NS
	Vanadium														0.0213	ND	ND	ND	ND
	Zinc														0.138	0.00782	0.00755	0.0313	0.00689

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

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

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

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location MW08	Alkalinity														190	480	209	166	178
	Ammonia														0.726	1.94	ND	ND	ND
	Antimony														ND	ND	ND	ND	ND
	Arsenic														ND	ND	ND	ND	ND
	Barium														0.273	0.177	0.109	0.12	0.419
	Beryllium														ND	ND	ND	ND	ND
	Cadmium														ND	ND	ND	ND	ND
	Calcium														59	114	76.2	70.1	67.4
	Chloride														190	207	210	198	223
	Chromium														0.0215	ND	ND	ND	0.0654
	Cobalt														0.0816	ND	ND	ND	0.0838
	COD														ND	26.3	6.2	11.5	ND
	Copper														0.054	0.0145	0.0067	0.00811	0.131
	Hardness														270	600	99	332	344
	Iron														15.1	1.69	0.69	1.15	46.3
	Lead														0.01	ND	ND	ND	**0.027**
	Magnesium														36.9	90.9	50.2	40.5	39.6
	Manganese														3.46	0.144	0.0902	0.0101	2.36
	Mercury														ND	ND	ND	ND	ND
	Nickel														0.0534	0.0082	0.00713	0.0065	0.0821
	Nitrate														7.63	**13.85**	5.65	**14.79**	9.61
	pH																6.65	6.59	5.76
	Potassium														10.4	19.1	14	11.8	12.9
	Selenium														ND	ND	ND	ND	0.0076
	Silver														ND	ND	ND	ND	ND
	Sodium														104	139	124	106	102
	Spec. Cond.																1040	1154	1199
	Sulfate														55	68.5	72.6	67.4	69
	TDS														696	1136	1016	776	712
	Thallium														ND	ND	ND	ND	ND
	Turbidity														1227	22.7	NT	NT	NS
	Vanadium														0.0366	ND	ND	ND	0.0874
	Zinc														0.16	0.0143	0.0109	0.0104	0.22

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

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location MW09	Alkalinity														64	110	44	34	37
	Ammonia														ND	ND	ND	ND	ND
	Antimony														ND	ND	ND	ND	ND
	Arsenic														ND	ND	ND	ND	ND
	Barium														0.334	0.156	0.172	0.0682	1.33
	Beryllium														ND	ND	ND	ND	ND
	Cadmium														ND	ND	ND	ND	ND
	Calcium														15.8	14.9	12.4	10.48	17.5
	Chloride														11.9	10.9	12.3	12.1	13.6
	Chromium														0.0588	0.032	ND	0.00903	0.0384
	Cobalt														0.0341	0.016	ND	ND	0.0603
	COD														ND	ND	ND	ND	ND
	Copper														0.0339	0.0174	ND	0.0083	0.0369
	Hardness														80	48	140	50	84
	Iron														48.6	16.7	ND	3.05	26.2
	Lead														**0.0373**	0.0132	0.0124	ND	**0.0544**
	Magnesium														24.4	13.2	6.9	7.22	15.9
	Manganese														1.8	0.689	0.196	0.242	3.19
	Mercury														ND	ND	0.00035	ND	0.00045
	Nickel														0.0553	0.0274	ND	0.00936	0.034
	Nitrate														1.25	1.25	1.14	1.47	1.18
	pH																5.25	5.08	5.23
	Potassium														17.8	7.41	1.54	2.09	9.63
	Selenium														ND	ND	ND	ND	0.00879
	Silver														ND	ND	ND	ND	ND
	Sodium														7.23	3.75	3.91	4.26	3.77
	Spec. Cond.																105.3	105.1	122.5
	Sulfate														ND	ND	ND	ND	ND
	TDS														168	172	116	80	112
	Thallium														ND	ND	ND	ND	ND
	Turbidity														1160	398	NT	NT	NS
	Vanadium														0.0541	0.0285	ND	ND	0.0306
	Zinc														0.189	0.0777	0.0166	0.0242	0.157

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

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location MW10	Alkalinity														100	75	78	65	79
	Ammonia														ND	ND	ND	ND	ND
	Antimony														ND	ND	ND	ND	ND
	Arsenic														ND	ND	ND	ND	ND
	Barium														1.49	0.124	0.414	0.116	0.157
	Beryllium														ND	ND	ND	ND	ND
	Cadmium														ND	ND	ND	ND	ND
	Calcium														29.1	14.2	21.2	16.1	21.1
	Chloride														6.75	19.4	8.02	8.31	9.6
	Chromium														**0.125**	ND	0.00566	0.0102	0.0174
	Cobalt														0.0659	ND	0.0103	0.00519	0.00667
	COD														ND	36.6	ND	4.4	ND
	Copper														0.197	0.0123	0.0292	0.027	0.0283
	Hardness														110	70	72	68	82
	Iron														201	ND	5.7	9	12.6
	Lead														**0.0611**	ND	**0.0153**	ND	0.00502
	Magnesium														78.3	9.1112	10.7	9.78	11.2
	Manganese														3.59	0.044	0.38	0.158	0.212
	Mercury														ND	ND	ND	ND	ND
	Nickel														0.111	ND	0.013	0.0112	0.0172
	Nitrate														ND	ND	ND	ND	ND
	pH																5.35	5.8	5.53
	Potassium														43.5	1.26	2.12	2.78	3.27
	Selenium														0.0085	ND	ND	ND	ND
	Silver														ND	ND	ND	ND	ND
	Sodium														12.4	10.1	8.3	8.54	9.1
	Spec. Cond.																132.5	144.6	184
	Sulfate														7.56	8.3	7.83	8.02	7.4
	TDS														148	140	140	116	160
	Thallium														ND	ND	ND	ND	ND
	Turbidity														4340	3140	NT	NT	NS
	Vanadium														0.189	ND	0.00943	0.0242	0.0319
	Zinc														0.337	0.132	0.0575	0.0335	0.0444

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

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location MW11A	Alkalinity														50	27	40	33	37
	Ammonia														ND	ND	ND	ND	ND
	Antimony														ND	ND	ND	ND	ND
	Arsenic														ND	ND	ND	ND	ND
	Barium														0.749	0.274	0.148	0.138	0.183
	Beryllium														ND	ND	ND	ND	ND
	Cadmium														ND	ND	ND	ND	ND
	Calcium														23.4	14.8	15.1	11.4	15.8
	Chloride														4.22	10.9	4.52	4.17	5.1
	Chromium														**0.144**	0.0273	0.00963	0.0354	0.0514
	Cobalt														0.0695	0.0181	0.0103	0.014	0.0213
	COD														ND	ND	ND	ND	ND
	Copper														0.0825	0.026	0.0135	0.0452	0.0409
	Hardness														90	36	54	52	80
	Iron														149	12.1	7.54	22.56	30.8
	Lead														**0.0499**	**0.0156**	0.0122	0.00689	0.0136
	Magnesium														66.6	11.2	8.63	11.7	13.9
	Manganese														3.47	0.738	0.319	0.451	0.693
	Mercury														ND	ND	ND	ND	ND
	Nickel														0.145	0.0277	0.0171	0.0312	0.0486
	Nitrate														1.4774	1.1	1.94	1.29	2.25
	pH																5.14	5.51	5.49
	Potassium														27.7	1.87	1.3	4.85	4.82
	Selenium														0.0056	ND	ND	ND	ND
	Silver														ND	ND	ND	ND	ND
	Sodium														8.49	4.21	5.15	4.66	4.57
	Spec. Cond.																92	93.3	114.8
	Sulfate														7.07	6.28	5.94	5.83	5.76
	TDS														108	72	96	64	108
	Thallium														ND	ND	ND	ND	ND
	Turbidity														4880	1600	NT	NT	NS
	Vanadium														0.124	0.0093	0.00545	0.0425	0.057
	Zinc														0.334	0.0938	0.0493	0.0788	0.109

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

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location MW11B	Alkalinity														100	69	65	68	61
	Ammonia														ND	ND	ND	ND	ND
	Antimony														ND	ND	ND	ND	ND
	Arsenic														ND	ND	ND	ND	ND
	Barium														0.0744	0.0194	0.0188	0.0252	0.021
	Beryllium														ND	ND	ND	ND	ND
	Cadmium														ND	ND	ND	ND	ND
	Calcium														34.4	15.4	14.9	14.3	15.9
	Chloride														4.18	4.79	4.38	4.9	5.06
	Chromium														0.0082	ND	ND	ND	ND
	Cobalt														0.005	ND	ND	ND	ND
	COD														ND	ND	ND	ND	ND
	Copper														0.0131	ND	ND	0.00742	ND
	Hardness														94	66	58	62	62
	Iron														6.97	ND	ND	1.37	0.567
	Lead														ND	ND	ND	ND	ND
	Magnesium														8.36	6.63	6.3	7.72	6.62
	Manganese														0.167	0.012	0.0107	0.0345	0.0178
	Mercury														ND	ND	ND	ND	ND
	Nickel														0.009	ND	ND	ND	ND
	Nitrate														2.307	2.33	2.19	2.56	2.37
	pH																6.13	6.36	6.17
	Potassium														2.5	0.888	0.93	1.12	0.941
	Selenium														ND	ND	ND	ND	ND
	Silver														ND	ND	ND	ND	ND
	Sodium														12.6	9.1	8.49	9.38	8.14
	Spec. Cond.																123	156	147.8
	Sulfate														ND	ND	ND	ND	ND
	TDS														156	132	116	132	136
	Thallium														ND	ND	ND	ND	ND
	Turbidity														72.4	4.99	NT	NT	NS
	Vanadium														0.0229	ND	ND	0.00615	ND
	Zinc														0.0209	ND	ND	0.0106	0.00657

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

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location MW12	Alkalinity														15	16	22	12	10
	Ammonia														ND	ND	ND	ND	ND
	Antimony														ND	ND	ND	ND	ND
	Arsenic														ND	ND	ND	ND	ND
	Barium														1.32	0.749	0.615	0.635	0.472
	Beryllium														ND	ND	ND	ND	ND
	Cadmium														ND	ND	ND	ND	ND
	Calcium														82	78.8	65.6	65.2	47.4
	Chloride														374	371	286	348	211
	Chromium														0.1	ND	ND	0.0181	0.0261
	Cobalt														0.0492	ND	ND	ND	0.012
	COD														ND	ND	ND	6.1	ND
	Copper														0.109	0.0111	0.00629	0.0168	0.0339
	Hardness														360	356	280	276	188
	Iron														100	2.59	1.22	4.09	17
	Lead														**0.0616**	ND	0.0106	ND	**0.0168**
	Magnesium														69.5	43.1	29.1	32.7	23
	Manganese														3.02	0.138	0.103	0.155	0.532
	Mercury														ND	ND	ND	ND	ND
	Nickel														0.0938	0.0113	0.00795	0.0205	0.0257
	Nitrate														5.0188	4.38	4.87	4.43	4.9
	pH																4.66	4.8	5.01
	Potassium														23.1	5.14	4.12	4.49	5.42
	Selenium														0.0062	ND	ND	ND	ND
	Silver														ND	ND	ND	ND	ND
	Sodium														81.5	104	73.7	96.2	57.8
	Spec. Cond.																836.7	1142	757
	Sulfate														14.7	14.3	15.5	13.9	15.7
	TDS														1520	1184	1020	1012	720
	Thallium														ND	ND	ND	ND	ND
	Turbidity														3920	57.4	NT	NT	NS
	Vanadium														0.085	ND	ND	ND	0.0246
	Zinc														0.269	0.0352	0.0306	0.039	0.0754

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

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location MW13A	Alkalinity														50	224	34	227	32
	Ammonia														ND	ND	ND	ND	ND
	Antimony														ND	ND	ND	ND	ND
	Arsenic														ND	ND	ND	ND	ND
	Barium														0.332	0.199	0.273	0.687	0.249
	Beryllium														ND	ND	ND	ND	ND
	Cadmium														ND	ND	ND	ND	ND
	Calcium														26.5	23.8	24.5	29.1	26.3
	Chloride														84.3	83.5	85.1	86.1	90.7
	Chromium														0.024	ND	ND	0.0853	0.0224
	Cobalt														0.029	0.0079	0.0114	0.0683	0.017
	COD														34.6	ND	ND	10.1	ND
	Copper														0.071	0.0121	0.0137	0.197	0.0421
	Hardness														160	128	125	164	148
	Iron														28.3	3.32	2.96	108	17.3
	Lead														0.0112	ND	0.00686	**0.0327**	0.0069
	Magnesium														23.5	20.7	19.7	47	19.7
	Manganese														0.876	0.302	0.376	1.88	0.54
	Mercury														0.00032	0.00026	0.00062	**0.00257**	0.00039
	Nickel														0.0345	0.01	0.00966	0.0773	0.0249
	Nitrate														2.48	2.29	2.17	1.97	2.08
	pH																4.79	4.93	4.91
	Potassium														8.65	3.03	2.72	22.6	6.15
	Selenium														ND	ND	ND	ND	ND
	Silver														ND	ND	ND	ND	ND
	Sodium														17.6	16.1	15.5	15.1	14.9
	Spec. Cond.																303	362.1	362.5
	Sulfate														ND	ND	ND	ND	ND
	TDS														380	324	456	392	336
	Thallium														ND	ND	ND	ND	ND
	Turbidity														1048	56.8	NT	NT	NS
	Vanadium														0.0626	0.0099	0.00944	0.238	0.0461
	Zinc														0.0902	0.0194	0.0224	0.231	0.0585

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

Sample Site	Parameter	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	Fall 2011	Spring 2012	Fall 2012
Monitoring Location MW13B	Alkalinity														230	720	226	742	226
	Ammonia														ND	ND	ND	ND	ND
	Antimony														ND	ND	ND	ND	ND
	Arsenic														ND	ND	ND	ND	ND
	Barium														0.0676	0.073	0.0706	0.0746	0.0676
	Beryllium														ND	ND	ND	ND	ND
	Cadmium														ND	ND	ND	ND	ND
	Calcium														82.7	80.5	83.4	91.2	81.4
	Chloride														84.6	84.7	85.5	89.5	86.4
	Chromium														ND	ND	ND	ND	ND
	Cobalt														ND	ND	ND	ND	ND
	COD														6.2	9.6	3.4	12.1	ND
	Copper														0.0063	ND	ND	ND	ND
	Hardness														360	313	67	334	316
	Iron														0.571	ND	ND	0.498	0.447
	Lead														ND	ND	ND	ND	ND
	Magnesium														27.6	31.4	31.2	32.2	26.9
	Manganese														0.0306	0.0323	0.0324	0.0382	0.0403
	Mercury														0.0002	ND	ND	ND	0.00029
	Nickel														ND	ND	ND	0.00581	0.00683
	Nitrate														1.467	1.62	1.6	1.88	2.08
	pH																5.85	5.88	5.64
	Potassium														3.3	4.07	3.53	3.5	3.67
	Selenium														ND	ND	ND	ND	ND
	Silver														ND	ND	ND	ND	ND
	Sodium														19.9	18.2	17.9	18.9	15.9
	Spec. Cond.																586.8	713.4	706.1
	Sulfate														6.18	ND	6.71	7.55	7.58
	TDS														540	572	640	560	480
	Thallium														ND	ND	ND	ND	ND
	Turbidity														0.232	0.364	NT	NT	NS
	Vanadium														ND	ND	ND	ND	ND
	Zinc														ND	ND	ND	0.00501	0.00618

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TABLE A - Filtered and Unfiltered Sampling Results for Metals

Parameter		Monitoring Well									
		OB01	OB02	OB02A	OB03	OB03A	OB04	OB04A	OB06	OB07	OB07A
Antimony	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	Unfiltered	ND	ND	ND	ND	ND	0.00857	**0.0107**	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	0.0101	**0.0112**	ND	ND	ND
Barium	Unfiltered	0.171	0.427	0.0568	0.571	0.495	0.247	0.0553	0.19	0.0265	0.0485
	Filtered	0.184	0.0524	0.439	0.589	0.485	0.271	0.0589	0.181	0.0273	0.0479
Beryllium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	Unfiltered	69.1	103	24.7	64.3	62.3	157	118	148	113	94.3
	Filtered	71.8	23.3	109	65	65.2	165	119	148	113	94.5
Chromium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	0.00631	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt	Unfiltered	0.00903	ND	ND	0.067	0.0672	ND	ND	0.00655	ND	ND
	Filtered	0.00862	ND	ND	0.0695	0.07	ND	ND	ND	ND	ND
Copper	Unfiltered	0.00575	ND	ND	ND	ND	0.0353	0.0256	0.015	0.00561	ND
	Filtered	0.00569	ND	0.00524	ND	ND	0.0381	0.0289	0.00579	ND	ND
Iron	Unfiltered	0.386	0.586	0.793	21.7	26.5	0.824	0.615	5.07	0.837	0.576
	Filtered	0.417	0.364	0.569	21.3	27	0.608	0.454	0.608	0.594	0.503
Lead	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	Unfiltered	38.6	59	10.6	37	39.3	76.6	81	61.1	33.3	50.2
	Filtered	42.5	10.4	64.4	38.4	41.9	81.7	81.8	64.9	34.8	53.3
Manganese	Unfiltered	3.74	0.0582	0.718	18.8	15.4	2.28	1.12	0.589	0.0724	0.0891
	Filtered	3.88	0.653	0.0539	18.3	16	2.32	1.16	0.469	0.0397	0.0686
Mercury	Unfiltered	ND	ND	ND	ND	ND	ND	ND	0.00041	0.00053	0.00116
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	0.00037	0.00084
Nickel	Unfiltered	0.0319	0.0141	ND	0.0217	0.021	0.0179	0.0239	0.0184	ND	0.00528
	Filtered	0.0289	ND	0.0135	0.0229	0.0216	0.0188	0.0252	0.0126	ND	ND
Potassium	Unfiltered	3.85	5.69	3.56	6.77	9.64	7.72	5.42	5.52	3.54	2.8
	Filtered	4.25	3.53	5.77	6.66	9.28	7.8	5.55	4.78	3.46	2.69
Selenium	Unfiltered	ND	ND	ND	ND	ND	0.0321	0.0391	0.0151	0.00714	0.00838
	Filtered	ND	ND	ND	0.00567	0.00612	0.0393	0.0442	0.0159	0.00801	0.0105
Silver	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	Unfiltered	57.2	34.5	10.9	35.7	52.2	63.2	89	88.7	19.5	24.8
	Filtered	60.3	11.1	39.1	36.7	53.4	66.8	90.2	95.8	20.7	25.9
Thallium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	Unfiltered	0.0112	0.0086	0.00607	0.0148	0.00986	0.00885	0.0222	0.0385	0.00624	0.0057
	Filtered	0.0107	0.00599	0.00881	0.0172	0.0115	0.00804	0.0231	0.0182	ND	ND

ND: Not Detected
NS: Not Sampled

TABLE A - Filtered and Unfiltered Sampling Results for Metals

Parameter		Monitoring Well									
		OB08	OB08A	OB10	OB102	OB105	OB11	OB11A	OB12	OB15	OB25
Antimony	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
Arsenic	Unfiltered	ND	ND	ND	ND	**0.009**	ND	ND	ND	0.007	ND
	Filtered	ND	ND	ND	0.0117	0.00707	ND	ND	ND	NS	ND
Barium	Unfiltered	0.129	0.068	0.0573	0.349	0.138	0.0282	0.165	0.018	0.0923	0.631
	Filtered	0.128	0.0703	0.0649	0.364	0.111	0.0318	0.169	0.0178	NS	0.153
Beryllium	Unfiltered	ND	ND	ND	ND	**ND**	ND	ND	ND	ND	0.00617
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
Cadmium	Unfiltered	ND	ND	ND	ND	**ND**	**0.0104**	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	**0.0102**	ND	ND	NS	ND
Calcium	Unfiltered	68.2	54.7	50.1	120	167	133	91.4	26.5	18.3	89.5
	Filtered	66.1	55.6	58.2	114	171	140	94.3	32.8	NS	89.2
Chromium	Unfiltered	ND	ND	ND	0.00622	**0.0236**	ND	ND	ND	0.0114	0.0174
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
Cobalt	Unfiltered	0.00841	0.0189	0.00809	0.0729	0.0316	ND	0.0271	ND	0.0165	0.122
	Filtered	0.00745	0.0169	0.00847	0.0754	0.0118	ND	0.0247	ND	NS	0.0276
Copper	Unfiltered	ND	ND	ND	0.0485	0.0417	0.00814	0.00646	ND	0.0408	0.143
	Filtered	ND	ND	ND	0.0444	ND	0.00765	0.00605	ND	NS	ND
Iron	Unfiltered	0.774	3.93	1.63	1.01	26.7	0.656	1.07	ND	47.8	25.9
	Filtered	0.736	3.56	1.61	0.795	7.17	0.781	1.04	0.201	NS	9.85
Lead	Unfiltered	ND	ND	ND	ND	**0.0155**	ND	ND	ND	0.00794	0.0269
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
Magnesium	Unfiltered	17	21.8	28.1	97.4	116	64.4	64.8	16.1	17.4	62.4
	Filtered	18	21.5	33.6	98.2	119	69.1	66	20.4	NS	61.3
Manganese	Unfiltered	7.26	8.27	4.31	21.7	3.07	0.858	6.14	0.119	2.5	20.7
	Filtered	6.82	7.55	4.27	19.9	2.83	0.797	6.21	0.108	NS	19.1
Mercury	Unfiltered	ND	ND	ND	ND	**0.00173**	0.00118	ND	ND	ND	0.00052
	Filtered	ND	ND	ND	ND	ND	0.00081	ND	ND	NS	ND
Nickel	Unfiltered	0.0107	0.01	0.0115	0.0962	0.0691	0.0411	0.0266	0.00856	0.0235	0.062
	Filtered	0.00903	0.00774	0.012	0.097	0.0364	0.0365	0.0226	0.00702	NS	0.0145
Potassium	Unfiltered	2.95	2.99	3.32	41.4	12.9	5.19	6.84	2.97	2.32	16.8
	Filtered	2.97	3.12	3.5	42.1	12.8	5.69	7.27	2.88	NS	17.8
Selenium	Unfiltered	ND	ND	ND	0.0176	0.0225	0.011	0.00713	ND	ND	0.00877
	Filtered	ND	ND	0.00562	0.0393	0.0245	0.00633	ND	ND	NS	ND
Silver	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
Sodium	Unfiltered	25.4	30.7	18.3	586	167	68	95.1	18.2	62.5	69
	Filtered	27.2	31.1	21.3	532	179	72	95.2	22.5	NS	78
Thallium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
Vanadium	Unfiltered	ND	ND	ND	ND	0.0492	ND	ND	ND	ND	0.0452
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
Zinc	Unfiltered	0.00624	0.00749	0.00705	0.0129	0.252	0.0462	0.0223	0.0082	0.397	0.13
	Filtered	0.00504	0.00518	0.00751	0.0132	0.0157	0.0432	0.0197	0.0075	NS	0.00896

ND: Not Detected
NS: Not Sampled

TABLE A - Filtered and Unfiltered Sampling Results for Metals

Parameter		Monitoring Well									
		MW1B	MW2A	MW2B	MW3A	MW3B	MW04	MW06	MW07	MW08	MW09
Antimony	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NS	ND	ND	ND	ND	ND	ND	ND	NS
Arsenic	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NS	ND	ND	ND	ND	ND	ND	ND	NS
Barium	Unfiltered	0.0338	0.0181	0.00799	0.113	0.13	0.0383	0.433	0.0631	0.419	1.33
	Filtered	0.0101	NS	0.00732	0.00704	0.0216	0.0343	0.27	0.0667	0.121	NS
Beryllium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NS	ND	ND	ND	ND	ND	ND	ND	NS
Cadmium	Unfiltered	ND	ND	ND	ND	ND	ND	0.00888	ND	ND	ND
	Filtered	ND	NS	ND	ND	ND	ND	ND	ND	ND	NS
Calcium	Unfiltered	10.4	11.1	11.7	10.1	61.8	33.4	72.8	44.5	67.4	17.5
	Filtered	10.1	NS	11.5	4.63	34.2	33.8	74.8	47.8	67.8	NS
Chromium	Unfiltered	0.233	0.022	ND	0.05	0.184	ND	0.0229	ND	0.0654	0.0384
	Filtered	ND	NS	ND	ND	ND	ND	ND	ND	ND	NS
Cobalt	Unfiltered	0.0205	ND	ND	0.0267	0.0243	ND	0.343	0.00727	0.0838	0.0603
	Filtered	ND	NS	ND	ND	ND	ND	0.28	0.00648	ND	NS
Copper	Unfiltered	0.0802	0.0163	ND	0.0773	0.105	ND	0.0414	0.013	0.131	0.0369
	Filtered	ND	NS	ND	ND	ND	ND	ND	0.00968	ND	NS
Iron	Unfiltered	17.6	0.725	ND	44.4	19.15	0.889	17.9	0.413	46.3	26.2
	Filtered	0.326	NS	ND	ND	0.215	0.351	0.452	0.262	0.267	NS
Lead	Unfiltered	0.0117	ND	ND	0.02	0.0163	ND	0.00953	ND	0.027	0.0544
	Filtered	ND	NS	ND	ND	ND	ND	ND	ND	ND	NS
Magnesium	Unfiltered	11.6	4.81	3.04	15.6	11.3	19.6	53.1	24.7	39.6	15.9
	Filtered	5.5	NS	2.97	1.91	7.38	21	53.3	27.3	41.3	NS
Manganese	Unfiltered	0.516	0.151	0.0302	0.715	0.584	0.115	37.6	0.34	2.36	3.19
	Filtered	0.157	NS	0.0287	ND	0.233	0.105	37.3	0.439	0.342	NS
Mercury	Unfiltered	ND	0.00076	0.00058	ND	ND	ND	ND	ND	ND	0.00045
	Filtered	ND	NS	0.00044	ND	ND	ND	ND	ND	ND	NS
Nickel	Unfiltered	0.271	0.0301	0.00624	0.0544	0.278	0.00948	0.0634	0.00779	0.0821	0.034
	Filtered	0.0716	NS	ND	ND	ND	0.0108	0.0342	0.00772	0.0155	NS
Potassium	Unfiltered	3.47	2.14	1.74	9.8	7.26	3.01	4.19	3.8	12.9	9.63
	Filtered	1.49	NS	1.67	1	5.1	2.88	4.13	3.61	11.5	NS
Selenium	Unfiltered	ND	ND	ND	ND	ND	ND	0.0151	ND	0.0076	0.00879
	Filtered	ND	NS	ND	ND	ND	ND	0.00732	ND	0.00533	NS
Silver	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NS	ND	ND	ND	ND	ND	ND	ND	NS
Sodium	Unfiltered	8.62	8.38	4.89	3.88	51.1	24.9	59.6	23.1	102	3.77
	Filtered	9.59	NS	4.9	4.18	53.8	27.8	64	24.8	114	NS
Thallium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NS	ND	ND	ND	ND	ND	ND	ND	NS
Vanadium	Unfiltered	0.022	ND	ND	0.058	0.0216	ND	0.0149	ND	0.0874	0.0306
	Filtered	ND	NS	ND	ND	ND	ND	ND	ND	ND	NS
Zinc	Unfiltered	0.109	0.0247	0.00694	0.159	0.0988	0.00689	0.136	0.014	0.22	0.157
	Filtered	0.0334	NS	0.00665	ND	ND	0.014	0.0389	0.00952	0.0157	NS

ND: Not Detected
NS: Not Sampled

TABLE A - Filtered and Unfiltered Sampling Results for Metals

Parameter		Monitoring Well								
		MW10	MW11A	MW11B	MW12	MW13A	MW13B	Minimum	Maximum	Average
Antimony	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium	Unfiltered	0.157	0.183	0.021	0.472	0.249	0.0676	0.00799	1.33	0.2138831
	Filtered	0.08	0.0356	0.019	0.374	0.191	0.0777	0.00704	0.589	0.1442624
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	21.1	15.8	15.9	47.4	26.3	81.4	10.1	167	64.472222
	Filtered	19.8	14.6	16.6	48.3	25.5	87	4.63	171	69.437273
Chromium	Unfiltered	0.0174	0.0514	ND	0.0261	0.0224	ND	0.00622	0.233	0.0498706
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt	Unfiltered	0.00667	0.0213	ND	0.012	0.017	ND	0.00655	0.343	0.0468748
	Filtered	ND	ND	ND	ND	0.00699	ND	0.00648	0.28	0.0472238
Copper	Unfiltered	0.0283	0.0409	ND	0.0339	0.0421	ND	0.00561	0.143	0.0444417
	Filtered	ND	ND	ND	0.006	0.00606	ND	0.00524	0.0444	0.0148691
Iron	Unfiltered	12.6	30.8	0.567	17	17.3	0.447	0.386	47.8	12.342588
	Filtered	ND	ND	ND	0.278	ND	0.315	0.201	27	2.9861481
Lead	Unfiltered	0.00502	0.0136	ND	0.0168	**0.0069**	ND	0.00502	0.0544	0.0178146
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	Unfiltered	11.2	13.9	6.62	23	19.7	26.9	3.04	116	35.9075
	Filtered	9.58	5.24	7.65	20.1	16.8	29.8	1.91	119	38.516061
Manganese	Unfiltered	0.212	0.693	0.0178	0.532	0.54	0.0403	0.0178	37.6	4.5952778
	Filtered	0.0272	0.0197	0.00626	0.0305	0.262	0.0404	0.00626	37.3	4.6724988
Mercury	Unfiltered	ND	ND	ND	ND	**0.00039**	0.00029	0.000287	0.00173	0.0007268
	Filtered	ND	ND	ND	ND	ND	0.00026	ND	ND	ND
Nickel	Unfiltered	0.0172	0.0486	ND	0.0257	0.0249	0.00683	0.00528	0.278	0.0446418
	Filtered	0.00642	0.00608	ND	0.00652	0.00977	0.00702	0.00608	0.097	0.0216123
Potassium	Unfiltered	3.27	4.82	0.941	5.42	6.15	3.67	0.941	41.4	6.5111389
	Filtered	1.37	0.855	0.951	3.58	2.57	3.66	0.855	42.1	5.9474545
Selenium	Unfiltered	ND	ND	ND	ND	ND	ND	0.00713	0.0391	0.0154085
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	Unfiltered	9.1	4.57	8.14	57.8	14.9	15.9	3.77	586	56.015278
	Filtered	11.3	5.94	9.74	62.1	14.8	17.4	4.18	532	60.080303
Thallium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	Unfiltered	0.0319	0.057	ND	0.0246	0.0461	ND	0.0149	0.0874	0.0407083
	Filtered	ND	ND	ND	ND	ND	ND	0	0	#DIV/0!
Zinc	Unfiltered	0.0444	0.109	0.00657	0.0754	0.0585	0.00618	0.0057	0.397	0.062605
	Filtered	0.012	0.00508	ND	0.018	0.0146	0.00759	0.00504	0.0432	0.0144632

ND: Not Detected
NS: Not Sampled

Appendix E

Table of Groundwater Elevations and Groundwater Elevation Contour Map

Results in (ft. AMSL)

TABLE 5 - Water Table Elevations
Gude Landfill

Monitoring Well	Well Elevation (ft)	Spring 2011 Water Elevation (ft)	Fall 2011 Water Elevation (ft)	Spring 2012 Water Elevation (ft)	Fall 2012 Water Elevation (ft)	Elevation Change From Fall 2011 (ft)	Fall 2012 Measured Water Elevation From Ground Level (ft)
OB01	415.90	402.30	401.80	401.32	398.82	-2.5	17.08
OB02	418.48	404.18	400.28	402.93	399.66	-3.3	18.82
OB02A	418.61	404.51	400.51	403.16	399.55	-3.6	19.06
OB03	409.86	390.96	385.71	388.39	382.35	-6.0	27.51
OB03A	410.06	390.26	386.06	388.45	382.34	-6.1	27.72
OB04	364.21	359.71	359.21	359.53	358.25	-1.3	5.96
OB04A	365.37	360.47	359.82	360.16	358.81	-1.4	6.56
OB06	339.78	332.88	328.28	331.60	327.47	-4.1	12.31
OB07	329.49	323.99	320.19	323.33	318.40	-4.9	11.09
OB7A	328.44	323.24	319.79	323.05	317.94	-5.1	10.5
OB08	325.11	318.91	318.31	318.74	317.25	-1.5	7.86
OB08A	325.31	318.81	317.91	318.09	316.89	-1.2	8.42
OB10	325.77	318.97	318.72	318.99	318.45	-0.5	7.32
OB102	363.17	352.52	349.47	351.83	349.74	-2.1	13.43
OB105	363.45	360.85	360.25	360.90	359.25	-1.6	4.2
OB11	362.56	355.16	353.56	354.41	352.90	-1.5	9.66
OB11A	361.90	354.20	353.30	353.67	352.65	-1.0	9.25
OB12	405.01	389.91	386.21	388.82	385.34	-3.5	19.67
OB015	410.01	391.71	386.81	390.22	386.04	-4.2	23.97
OB025	361.89	355.59	353.19	354.17	352.40	-1.8	9.49
MW1B	434.00	385.90	385.55	384.34	383.41	-0.9	50.59
MW2A	445.53	375.33	377.68	372.58	374.72	2.1	70.81
MW2B	444.45	374.95	377.65	372.58	374.87	2.3	69.58
MW3A	324.54	315.84	315.14	315.30	314.15	-1.1	10.39
MW3B	324.73	317.63	313.13	316.57	314.81	-1.8	9.92
MW04	324.75	318.25	318.10	318.29	318.10	-0.2	6.65
MW06	417.29	401.20	402.24	402.20	399.74	-2.5	17.55
MW07	433.81	392.41	388.01	389.27	385.87	-3.4	47.94
MW08	412.66	394.76	389.56	392.46	385.36	-7.1	27.3
MW09	417.69	401.49	397.39	400.11	396.19	-3.9	21.5
MW10	394.03	390.33	385.03	387.79	382.60	-5.2	11.43
MW11A	393.45	382.05	376.35	379.52	374.51	-5.0	18.94
MW11B	393.40	379.10	376.30	378.34	374.12	-4.2	19.28
MW12	397.55	384.55	382.10	384.14	380.20	-3.9	17.35
MW13A	373.37	367.67	366.77	367.55	365.71	-1.8	7.66
MW13B	373.35	368.45	367.65	368.37	366.66	-1.7	6.69
AVERAGE						-2.7	

NOTES:
- Elevations are from Sea Level

FALL 2012

General Groundwater Flow Direction at Gude Landfall - FALL 2012