DEPARTMENT OF ENVIRONMENTAL PROTECTION

Isiah Leggett
County Executive

Robert G. Hoyt
Director

May 24, 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 Spring 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 September 2011 to March 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, OB102, OB105, OB15, and OB25.
  - **Newly installed monitoring wells:** MW1B, MW2A, MW2B, MW3A, MW3B, MW04, MW06, MW07, MW08, MW10, MW11A, MW11B, and MW12.
  - **Stream Locations:** No VOCs were detected above the recommended MCL in any of the monitored stream locations.
- A total of 36 VOCs exceeded the recommended MCL in the following monitoring wells:
  - **Preexisting monitoring wells:** OB03 (4 exceedances), OB03A (1 exceedance), OB08 (1 exceedance), OB08A (1 exceedance), OB10 (2 exceedances), OB11 (7 exceedances), OB11A (4 exceedances), and OB12 (4 exceedances).
  - **Newly installed monitoring wells:** MW09 (1 exceedance), MW09 (1 exceedance), MW13A (5 exceedances), and MW13B (5 exceedances).

  The following include a summary of these 36 VOC concentrations exceeding the recommended MCLs:
  - 1,2-Dichloropropane concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB11, OB12, MW13 and MW13B. Concentrations exceeding the MCL for this compound ranged from 5.4 ug/l in MW13A to 7.5 ug/l in MW13B.
  - 1,2-Dichloropropane concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB11, OB12, MW13 and MW13B. Concentrations exceeding the MCL for this compound ranged from 5.4 ug/l in MW13A to 7.5 ug/l in MW13B.
  - Benzene concentration exceeded the MCL of 5 ug/l in observation well OB11 at 6.9 ug/l.
  - Dichloromethane concentration exceeded the MCL of 5 ug/l in observation wells OB07A,
  - Cis-1-2-Dichloroethene concentration exceeded the MCL of 70 ug/l in observation wells OB03, OB11, OB11A, MW13, and MW13B. Concentrations exceeding the MCL for this compound ranged from 71 ug/l in OB03 to 160 ug/l in OB11.
  - Methylene Chloride concentration exceeded the MCL of 5 ug/l in observation wells OB11 and OB12. Concentrations exceeding the MCL for this compound were 12 ug/l in OB11 and 5.9 ug/l in OB12.
  - 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 14 ug/l in MW09 to 47 ug/l in OB11.
  - Trichloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB03A, OB10, OB11, OB11A, OB12, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 12 ug/l at OB10 to 47 ug/l at OB03.
  - Vinyl Chloride concentration exceeded the MCL of 2 ug/l in observation wells

OB03, OB08, OB08A, OB10, OB11, OB11A, OB12, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 4.0 ug/l in MW08 to 14 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 14 metals and other non-organic contaminants exceeded the recommended MCL in the following monitoring locations:
  - **Preexisting monitoring wells:** OB04A, (1 exceedance), OB105 (6 exceedances), and OB11 (1 exceedance).
  - **Newly installed monitoring wells**: MW3A (1 exceedance), MW06 (1 exceedance), MW07 (1 exceedance), MW08 (1 exceedance) and MW13A (2 exceedances).
  - **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 14 metal concentrations exceeding the recommended MCLs.
  - Arsenic with a recommended MCL of 0.01 mg/l was exceeded in samples collected from OB04A with a concentration of 0.0105 mg/l and in OB105 with a concentration of 0.0147 mg/l.
  - Beryllium with a recommended MCL of 0.004 mg/l was exceeded in a sample collected from OB105 with a concentration of 0.0112 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, in OB105 with a concentration of 0.0109 mg/l, and in MW06 with a concentration of 0.00618 mg/l.
  - Chromium with a recommended MCL of 0.1 mg/l was exceeded in a sample collected from OB105 with a concentration of 0.166 mg/l.
  - Lead with a recommended MCL of 0.015 mg/l was exceeded in samples collected from observation well MW3A with a concentration of 0.0435 mg/l, in OB105 with a concentration of 0.0726 mg/l, and in MW13A with a concentration of 0.0327 mg/l. *(Note: The applied MCL for lead is different from other MCLs used in this report. The MCL for lead has been established for public drinking water systems and requires water samples to be collected from the tap. The regulations also require that no more than 10% of customer samples taken at the tap exceed the EPA Action Level of 0.015 mg/l. An action level exceedance is not a violation of water quality standards, but rather a trigger for further utility action. The MCL of 0.015 mg/l used in this report is only for comparative purposes.)*
  - Mercury with a recommended MCL of 0.002 mg/l was exceeded in samples collected from well OB105 with a concentration of 0.00645 mg/l, and in MW13A with a concentration of 0.00257 mg/l.
  - Nitrate with a recommended MCL of 10 mg/l was exceeded in samples collected from well MW07 with a concentration of 29.09 mg/l, and in MW08 with a concentration of 14.79 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 two samples exceeded the recommended MCL concentration levels. Cadmium with a concentration of 0.0101 mg/l exceeded the MCL of 0.005 mg/l at observation well OB11 and Arsenic with a concentration of 0.0119 mg/l exceeded the MCL of 0.01 mg/l in OB04A. A total of 12 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

SPRING 2012

Prepared by Montgomery County Department of Environmental Protection

Prepared for Maryland Department of Environment, Solid Waste Program

May 29, 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:

- 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, OB102, OB105, OB15, and OB25.
  - **Newly installed monitoring wells:** MW1B, MW2A, MW2B, MW3A, MW3B, MW04, MW06, MW07, MW08, MW10, MW11A, MW11B, and MW12.
  - **Stream Locations:** No VOCs were detected above the recommended MCL in any of the monitored stream locations.
- A total of 36 VOCs exceeded the recommended MCL in the following monitoring wells:
  - **Preexisting monitoring wells:** OB03 (4 exceedances), OB03A (1 exceedance), OB08 (1 exceedance), OB08A (1 exceedance), OB10 (2 exceedances), OB11 (7 exceedances), OB11A (4 exceedances), and OB12 (4 exceedances).
  - **Newly installed monitoring wells:** MW09 (1 exceedance), MW09 (1 exceedance), MW13A (5 exceedances), and MW13B (5 exceedances).

  The following include a summary of these 36 VOC concentrations exceeding the recommended MCLs:
  - 1,2-Dichloropropane concentration exceeded the MCL of 5 ug/l in observation

wells OB03, OB11, OB12, MW13 and MW13B. Concentrations exceeding the MCL for this compound ranged from 5.4 ug/l in MW13A to 7.5 ug/l in MW13B.

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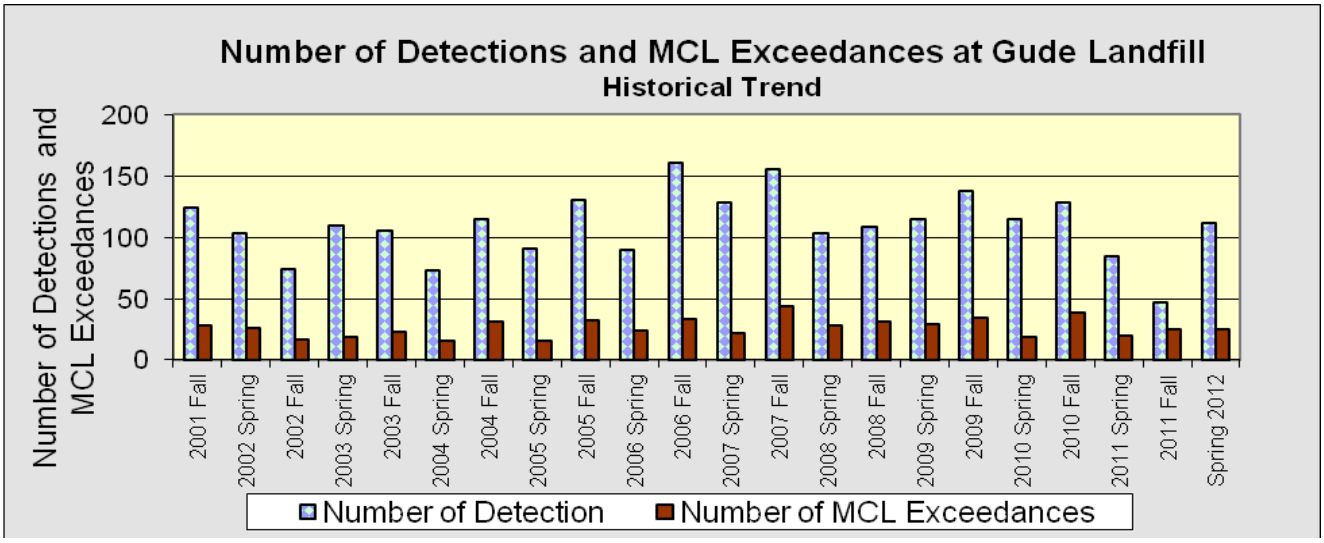
- Benzene concentration exceeded the MCL of 5 ug/l in observation well OB11 at 6.9 ug/l.
- Dichloromethane concentration exceeded the MCL of 5 ug/l in observation wells OB07A,
- Cis-1-2-Dichloroethene concentration exceeded the MCL of 70 ug/l in observation wells OB03, OB11, OB11A, MW13, and MW13B. Concentrations exceeding the MCL for this compound ranged from 71 ug/l in OB03 to 160 ug/l in OB11.
- Methylene Chloride concentration exceeded the MCL of 5 ug/l in observation wells OB11 and OB12. Concentrations exceeding the MCL for this compound were 12 ug/l in OB11 and 5.9 ug/l in OB12.
- 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 14 ug/l in MW09 to 47 ug/l in OB11.
- Trichloroethene concentration exceeded the MCL of 5 ug/l in observation wells OB03, OB03A, OB10, OB11, OB11A, OB12, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 12 ug/l at OB10 to 47 ug/l at OB03.
- Vinyl Chloride concentration exceeded the MCL of 2 ug/l in observation wells OB03, OB08, OB08A, OB10, OB11, OB11A, OB12, MW13A, and MW13B. Concentrations exceeding the MCL for this compound ranged from 4.0 ug/l in MW08 to 14 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 14 metals and other non-organic contaminants exceeded the recommended MCL in the following monitoring locations:
  - **Preexisting monitoring wells:** OB04A, (1 exceedance), OB105 (6 exceedances), and OB11 (1 exceedance).
  - **Newly installed monitoring wells**: MW3A (1 exceedance), MW06 (1 exceedance), MW07 (1 exceedance), MW08 (1 exceedance) and MW13A (2 exceedances).
  - **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 14 metal concentrations exceeding the recommended MCLs.
  - Arsenic with a recommended MCL of 0.01 mg/l was exceeded in samples collected from OB04A with a concentration of 0.0105 mg/l and in OB105 with a concentration of 0.0147 mg/l.
  - Beryllium with a recommended MCL of 0.004 mg/l was exceeded in a sample collected from OB105 with a concentration of 0.0112 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, in OB105 with a concentration of 0.0109 mg/l, and in MW06 with a concentration of 0.00618 mg/l.
  - Chromium with a recommended MCL of 0.1 mg/l was exceeded in a sample collected from OB105 with a concentration of 0.166 mg/l.
  - Lead with a recommended MCL of 0.015 mg/l was exceeded in samples collected from observation well MW3A with a concentration of 0.0435 mg/l, in OB105 with a concentration of 0.0726 mg/l, and in MW13A with a concentration of 0.0327 mg/l. *(Note: The applied MCL for lead is different from other MCLs used in this report. The MCL for lead has been established for public drinking water systems and requires water samples to be collected from the tap. The regulations also require that no more than 10% of customer samples taken at the tap exceed the EPA Action Level of 0.015 mg/l. An action level exceedance is not a violation of water quality standards, but rather a trigger for further utility action. The MCL of 0.015 mg/l used in this report is only for comparative purposes.)*
  - Mercury with a recommended MCL of 0.002 mg/l was exceeded in samples collected from well OB105 with a concentration of 0.00645 mg/l, and in MW13A with a concentration of 0.00257 mg/l.
  - Nitrate with a recommended MCL of 10 mg/l was exceeded in samples collected from well MW07 with a concentration of 29.09 mg/l, and in MW08 with a concentration of 14.79 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 two samples exceeded the recommended MCL concentration levels. Cadmium with a concentration of 0.0101 mg/l exceeded the MCL of 0.005 mg/l at observation well OB11 and Arsenic with a concentration of 0.0119 mg/l exceeded the MCL of 0.01 mg/l in OB04A. A total of 12 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:

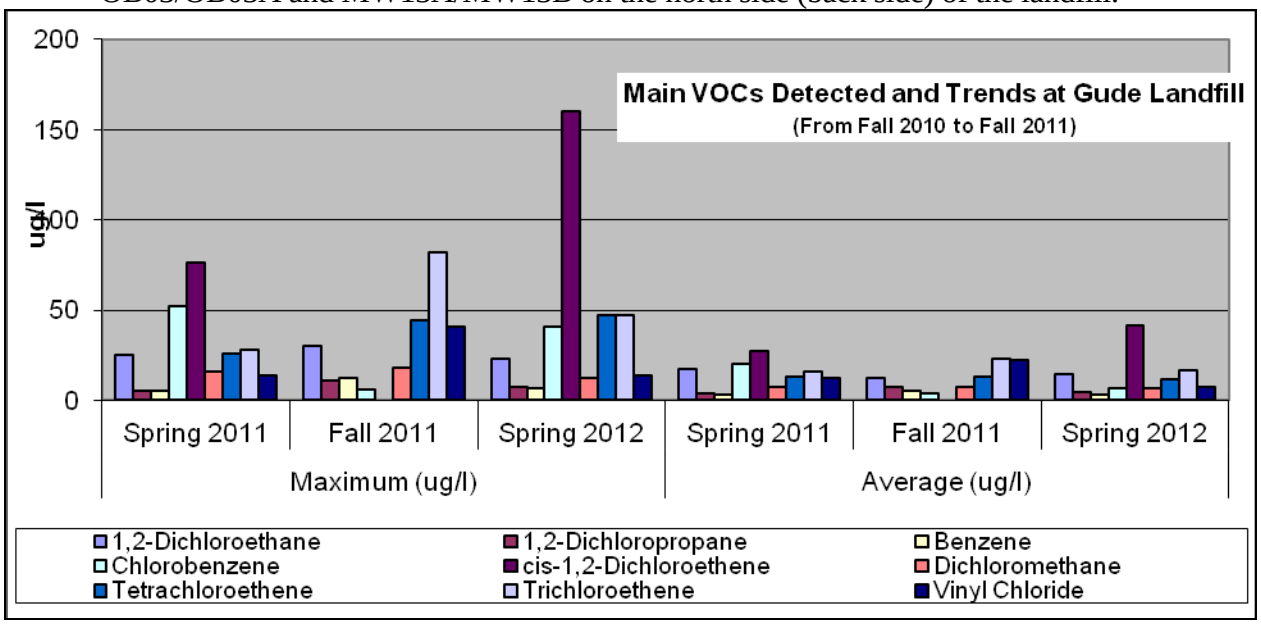
The groundwater elevation measurements of all the monitoring wells for the past monitoring events are included in Table-5 of this report. The results obtained from all the preexisting and recently installed monitoring wells indicate that the groundwater elevation at Gude Landfill has increased by an overall average of 1.2 ft from September 2011 to March 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.

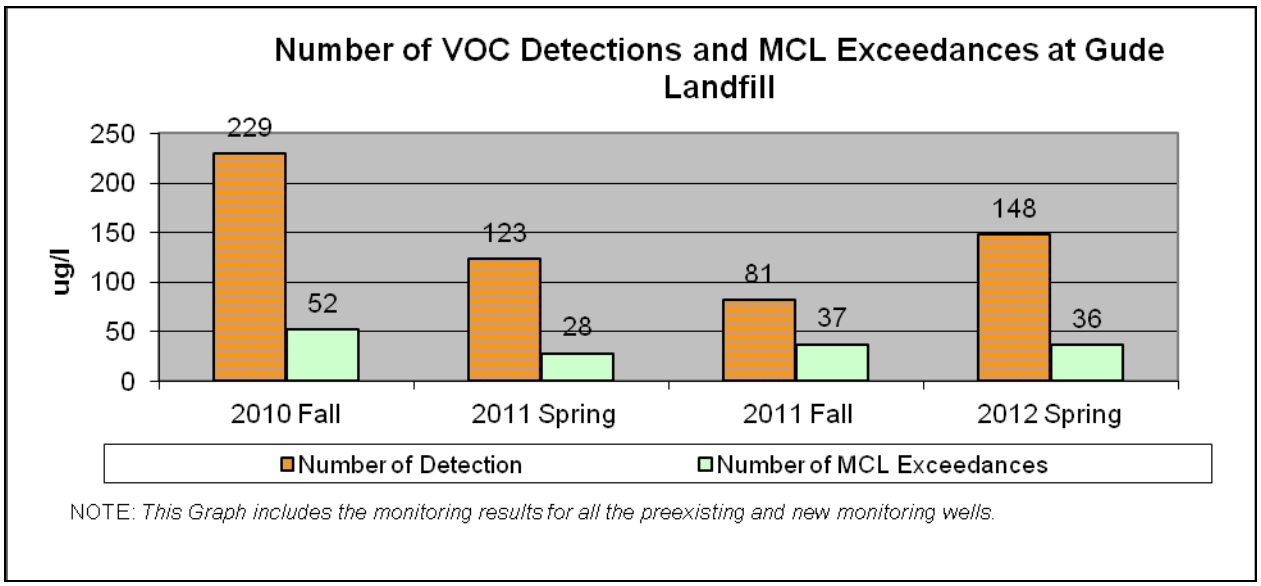
5. Conclusions/Trend Analysis:

Results obtained from the latest monitoring activities (Spring 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.

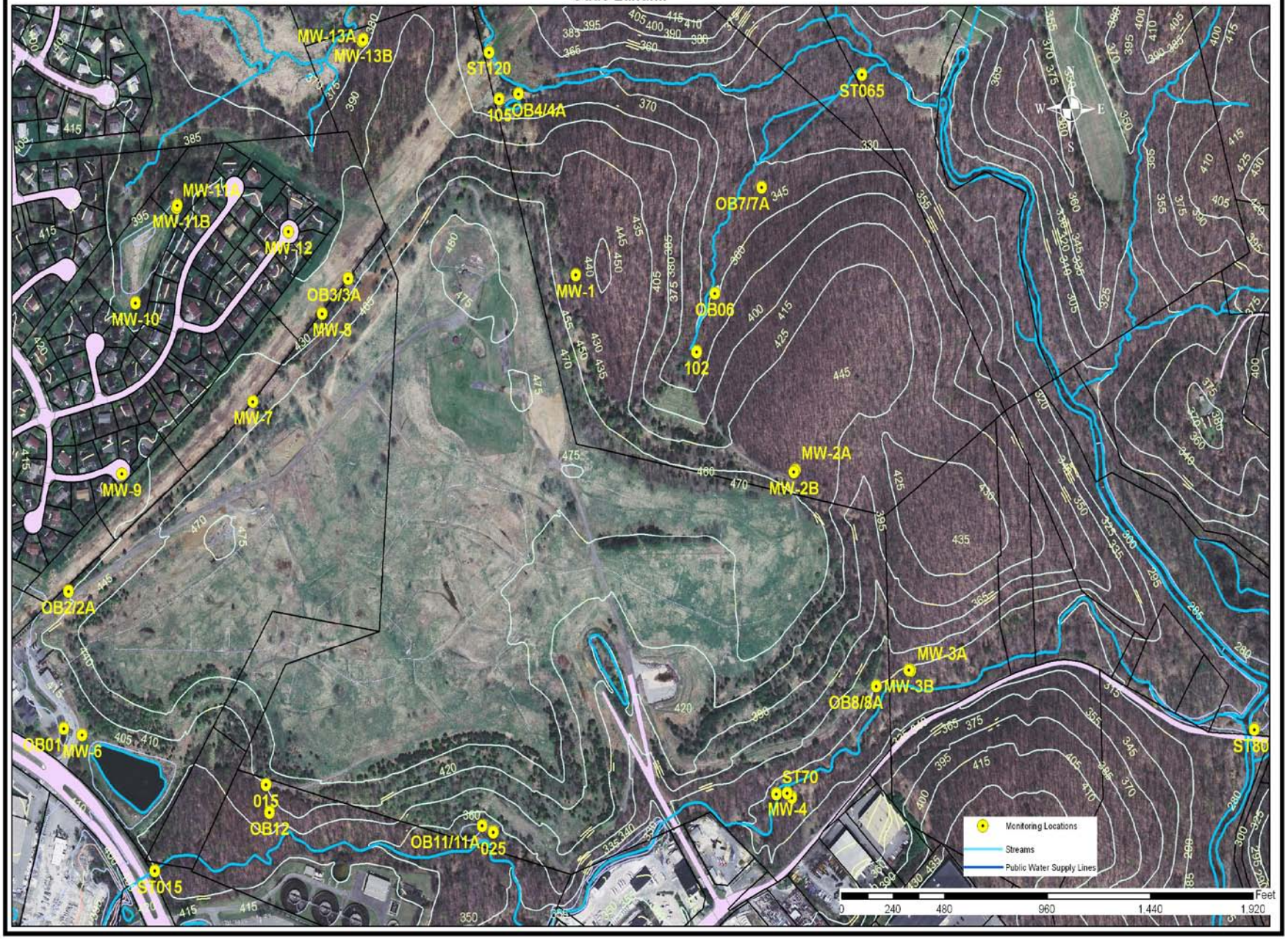
- The overall number of detections per year has remained relatively constant over the past 8-9 year time period.
- While some detected VOC concentrations appear to be trending upwards, the concentration for other VOCs seem to be decreasing over the same period.
- Since April 2001, most of all detections 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
SPRING 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	23	11	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	1.2	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	**6.8**	2.9	ND	ND	ND	ND
	1,4-Dichlorobenzene	1.9	ND	ND	9.7	6.3	5.9	7.6	7	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	1.9	1.3	1.6	1.6	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	1.3	ND	ND	3.1	3.4	1.4	1.3	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	6.2	ND	ND	**71**	33	14	20	1.6	1.7
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	para-Xylene & meta-Xylene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	2	1.9	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	4.8	2.3	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	**47**	**18**	1.6	1.9	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	1.2	ND	ND	**14**	ND	ND	ND	ND	ND
	Xylenes (Total)	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

TABAL 1 - Volatile Organic Compounds

	Parameter	OB07A	OB08	OB08A	OB10	OB102	OB105	OB11	OB11A	OB12
SPRING 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	21	15	21
	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	3	2.1	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	1.6	2	2.8	ND	ND	**6.3**	4.6	**5.8**
	1,4-Dichlorobenzene	ND	4	4.7	5	1.4	3.9	17	15	5.4
	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	1.1	1.6	ND	ND	**6.9**	4.3	3.5
	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	5.7	6.6	1.2	2.6	ND	41	24	2.1
	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	17	21	24	ND	14	**160**	**100**	23
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	**12**	**5.9**	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	2.6	ND	ND
	ortho-Xylene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	para-Xylene & meta-Xylene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	2	ND	ND	1.8	ND	ND	**47**	**27**	**22**
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	4.6	3.1	2.5
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	**12**	ND	1.4	**39**	**28**	**17**
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	3.3	ND	2.2
	Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	**4**	**5.4**	**9**	ND	ND	**13**	**12**	**6.4**
	Xylenes (Total)	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

TABAL 1 - Volatile Organic Compounds

	Parameter	OB15	OB25	ST015	ST120	ST65	ST70	ST80	MW1B	MW2A
SPRING 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	3.1	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	3.7	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	3.6	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	4.9	ND	ND	ND	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	para-Xylene & meta-Xylene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.1	3.8	ND	ND	ND	ND	ND	ND	2.2
	Toluene	ND	ND	ND	ND	1.6	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	2.2	2.1	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	1.9	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes (Total)	ND	ND	ND	ND	3.6	2.2	1.6	ND	ND

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

TABAL 1 - Volatile Organic Compounds

	Parameter	MW2B	MW3A	MW3B	MW04	MW06	MW07	MW08	MW09	MW10
SPRING 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	3.3	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	6.3	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	1.8	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	23	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	3.3	ND	ND	ND	ND
	ortho-Xylene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	para-Xylene & meta-Xylene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	3.2	ND	ND	ND	ND	3.2	ND	**14**	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	1.2	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	1.3	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	2	ND	ND	ND	ND
	Xylenes (Total)	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

TABAL 1 - Volatile Organic Compounds

	Parameter	MW11A	MW11B	MW12	MW13A	MW13B
SPRING 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	16	15
	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	**5.4**	**7.5**
	1,4-Dichlorobenzene	ND	ND	ND	5.9	11
	2-Butanone	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND
	Acrylonitrile	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	2.9	4.6
	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	**97**	**110**
	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	3.2	4.2
	Ethylbenzene	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	ND	ND	ND	ND	ND
	ortho-Xylene	NT	NT	NT	NT	NT
	para-Xylene & meta-Xylene	NT	NT	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	2.1	ND	**28**	**30**
	Toluene	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	3.5	4.3
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	**32**	**32**
	Trichlorofluoromethane	ND	ND	ND	ND	1.3
	Vinyl Acetate	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	**8.6**	**12**
	Xylenes (Total)	ND	ND	ND	ND	ND

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
OB01	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	2.5	ND	2.03	1.37	ND	2.31	1.48	1.09	NS	1.02	1.85	0.75	1.33	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	1.1	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NT	1	1.48	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.46	ND	ND	ND	ND
	1,2-Dichloropropane	1.88	ND	1.1	1.45	1.28	1.04	ND	ND	NS	ND	ND	0.59	ND	ND	ND	ND
	1,4-Dichlorobenzene	1.23	ND	1.37	ND	2.16	1.51	1.78	ND	NS	ND	1.94	2.81	3.19	ND	ND	1.9
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.39	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	1.26	ND	1.21	ND	NS	ND	1.03	1.57	1.43	ND	ND	1.3
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.25	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.92	0.74	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	33.97	5.98	34.36	16.06	34.18	22.85	25.5	14.78	NS	ND	11.8	ND	7.71	6.6	ND	6.2
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.36	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	0.77	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.34	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	1.26	ND	ND	ND	NS	1.2	ND	0.51	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	1.08	ND	1.09	ND	1.13	ND	1.42	ND	NS	ND	ND	0.67	0.70	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	**5.77**	1.03	2.49	2.25	2.34	1.52	1.44	ND	NS	ND	ND	0.85	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	ND	ND	ND
	Vinyl Chloride	**5.13**	ND	**4.4**	**3.32**	**5.26**	1.42	**4.75**	1.31	NS	ND	ND	**2.77**	**5.09**	ND	ND	1.2
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
OB02	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	**1.13**	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	1.28	ND	ND	ND	ND	ND	ND	ND	NT	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	ND	0.48	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.18	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	ND	NT	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	1.33	ND	ND	ND	ND	ND	NT	NT	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	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	12.61	4.53	6.06	1.79	1.41	1.14	1.19	1.96	1.38	1.15	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	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	1.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	1.67	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	ND	NT	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	1.36	2.04	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	NT	0.01	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	NT	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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
OB02A	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	1.24	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	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	ND	0.33	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	ND	NT	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	ND	NT	NT	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	NT	ND	ND	ND	ND	ND	ND	1.5	ND	ND
	cis-1,2-Dichloroethene	48.26	19.58	43.45	6.9	ND	ND	5.96	ND	6.87	9.19	ND	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	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.05	2.46	1.45	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	ND	NT	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	**6.68**	**5.14**	4.6	2.27	ND	ND	1.57	ND	1.39	1.01	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	NT	ND	ND	ND	ND	ND
	Vinyl Chloride	**3.45**	1.39	1.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
OB03	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	33.3	29.03	42.38	36.78	21.95	34.7	44.7	47.23	36.07	48.38	45	13.2	36.40	23	ND	23
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.71	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	**1.07**	ND	ND	ND	ND	ND	1.52	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	2.44	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
	1,2-Dichloroethane	2.33	1.89	3.03	2.58	3.87	2.95	**5.32**	4.98	4.09	4.81	ND	1.24	3.84	ND	**6**	ND
	1,2-Dichloropropane	**10.73**	**10.53**	**11.53**	**9.4**	**13.74**	**9.67**	**15.23**	**14.47**	**12.33**	**16.14**	**15.8**	3.6	**10.10**	4.1	**11**	**6.8**
	1,4-Dichlorobenzene	12.78	11.14	10.97	10.01	15.05	13.83	16.69	7.97	ND	ND	13.6	11.7	11.30	ND	ND	9.7
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.12	ND	8.1	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Benzene	**5.28**	2.4	4.29	3.34	4.53	3.99	**6.12**	4.62	3.2	**5.53**	4.56	1.83	4.24	ND	**5.5**	1.9
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	1.3	ND	1.03	ND	ND	ND	ND	ND	NT	NT	ND	ND	ND	3.9	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	4.42	4.22	3.24	4.92	3.98	5.59	3.89	2.32	2.04	2.76	2.98	7.22	2.26	5.7	2.4	3.1
	Chloroethane	1.11	1.9	1.73	1.48	1.49	1.59	ND	1.23	1.19	1.61	1.55	0.79	1.51	ND	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	NT	ND	ND	ND	ND	ND	ND	5.3	1.7	ND
	cis-1,2-Dichloroethene	67.11	56.21	**98.51**	**71.67**	**128.85**	**87.59**	**148.91**	**161.47**	**120.9**	**164.77**	**156**	31.7	**117.00**	38	ND	**71**
	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	**6.33**	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	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	5.57	ND	2.05	ND	1.71	2.6	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	1.33	ND	ND	ND	ND	ND	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	**26.04**	3.06	**23.14**	1.85	**22.97**	ND	**27.73**	ND	ND	4.49	ND	ND	**11.00**	ND	**6.2**	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	2.46	ND	ND	1.49	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	4.97	4.09	6.27	5.19	11.59	7	12.95	8.87	12.43	11.02	9.59	3.11	7.01	6.3	14	4.8
	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	ND	NT	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	**80.53**	**110.03**	**92.22**	**71.55**	**112.28**	**76.03**	**108.24**	**132.6**	**107.44**	**130.79**	**131**	**17.4**	**81.60**	**21**	**82**	**47**
	Trichlorofluoromethane	ND	3.3	2.44	3.18	4.34	ND	ND	ND	ND	ND	4.88	ND	ND	ND	8.3	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	ND	ND	ND
	Vinyl Chloride	**16.08**	**17.86**	**19.76**	**11.67**	**30.39**	**19.65**	**31.39**	**23.16**	**17.61**	**29.48**	**30.5**	**7.84**	**28.00**	**11**	**41**	**14**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
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Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
OB03A	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	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	38.51	2.73	42.13	18.85	23.61	15.56	44.14	50.9	41.01	46.99	25.3	3.23	32.40	ND	ND	11
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57	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	2	ND	1.54	ND	2.11	1.23	2.07	2	1.65	ND	NT	0.42	0.81	ND	ND	ND
	1,2-Dichloroethane	2.77	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
	1,2-Dichloropropane	**12.68**	ND	**12.09**	**7.02**	**12.72**	4.05	**14.78**	**14.83**	**13.07**	**13.54**	**9.1**	0.92	**10.80**	ND	**8.1**	2.9
	1,4-Dichlorobenzene	14.11	10.38	11.61	9.64	15.61	16.31	14.76	7.67	ND	ND	12.6	5.92	9.28	ND	ND	6.3
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.6	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.13	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Benzene	**6.31**	4.44	4.66	2.73	**5.18**	3.8	**6.23**	4.47	**5.44**	4.08	4.19	1.2	4.06	ND	4.7	1.3
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	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	ND	NT	NT	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	4.71	19.21	3.6	10.33	5.24	13.9	2.8	1.98	2.87	3.73	5.52	5.21	2.78	ND	3.3	3.4
	Chloroethane	1.26	1.02	1.41	ND	1.53	1.42	1.63	1.43	1.38	1.69	1.21	0.33	1.31	ND	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	NT	ND	ND	ND	ND	ND	1.54	ND	1.5	ND
	cis-1,2-Dichloroethene	**79.29**	3.01	**102.56**	41.96	**117.86**	29.76	**150.17**	**168.82**	**141.19**	**137.52**	**84.9**	6.23	**98.10**	11	ND	33
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	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	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	1.39	1.15	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	**41.02**	ND	**30.99**	ND	**29.4**	ND	**33.23**	1.66	**26.21**	3.67	**7.11**	ND	**17.80**	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	ND	1.05	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	5.71	1.22	6.22	3.1	9.08	3.72	10.82	9.93	11.68	9.08	6.06	1.01	5.93	ND	9	2.3
	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	ND	NT	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	**84.92**	4.89	**85.13**	**51.33**	**95.18**	**20.26**	**97.78**	**141.41**	**101.3**	**113.09**	**66.7**	2.71	**19.30**	ND	**56**	**18**
	Trichlorofluoromethane	3.01	ND	ND	ND	3.77	ND	ND	ND	ND	ND	3.08	ND	2.47	ND	6.5	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	NT	ND	ND
	Vinyl Chloride	**18.6**	1.47	**19.56**	**4.62**	**26.98**	**5.96**	**30.58**	**23.11**	**22.43**	**27.36**	**22.9**	1.99	**23.50**	ND	**31**	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
OB04	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.35	ND	22	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	0.45	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.46	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	0.52	ND	ND	ND	ND
	1,4-Dichlorobenzene	2.22	ND	5.11	ND	5.96	5.53	6.19	ND	ND	ND	6.06	5.92	2.91	ND	ND	5.9
	2-Butanone	ND	11.51	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.41	0.65	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.49	11.90	6.6	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Benzene	ND	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
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	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	ND	NT	NT	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	1.11	1.05	1.19	ND	ND	ND	1.09	1.18	0.90	ND	ND	1.4
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	7.5	ND	ND
	cis-1,2-Dichloroethene	9.25	1.38	18.27	2.59	18.58	18.76	20.95	6.45	15.43	18.92	17	16.8	8.32	67	ND	14
	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	2.53	ND	1.48	1.6	1.42	ND	ND	1.42	1.93	1.72	1.03	**7.7**	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	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.52	ND	1.15	ND	2.23	1.93	2.07	ND	1.34	1.99	1.25	1.69	0.70	**13**	ND	2
	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	0.45	ND	5.4	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	ND	NT	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	1.88	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
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.8	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	1.57	ND	1.33	1.23	1.7	ND	ND	1.47	1.53	1.26	**2.16**	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
OB04A	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.47	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	0.57	0.51	ND	ND	ND
	1,4-Dichlorobenzene	5.66	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
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	0.78	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	18.60	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Benzene	1.4	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
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	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	ND	NT	NT	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	1.08	1.02	1.17	ND	ND	1.07	1.14	1.14	0.87	ND	ND	1.3
	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	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	15.36	11.88	5.65	12.82	23.31	24.08	26.31	23.78	20.7	24.4	21.8	21.7	8.54	ND	ND	20
	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	2.44	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	2.19	1.84	ND	1.5	2.77	3.31	2.67	2.45	ND	2.98	3.38	3.18	3.39	ND	4.4	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	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.39	ND	ND	1.45	1.92	1.77	1.65	1.42	1.34	1.7	1.23	1.52	0.60	ND	1.3	1.9
	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	0.55	ND	ND	2.2	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	ND	NT	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	2.02	1.53	ND	1.87	2.24	1.93	2.08	1.96	1.45	1.87	1.83	1.71	1.07	ND	1.3	1.9
	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	NT	0.01	ND	ND	ND	ND
	Vinyl Chloride	1.49	1.43	ND	ND	1.15	1.06	**2.02**	1.37	1.39	1.65	**2.12**	1.83	**2.78**	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND

NT: Not Tested, NS: Not Sampled, ND: Not Detected, S: Spring, F: Fall
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Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
OB06	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	11	ND	ND	ND	ND	ND	NT	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	1.32	ND	1.08	ND	11	ND	1.44	1.03	ND	ND	1.43	ND	0.93	ND	ND	7
	2-Butanone	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	ND	0.57	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	ND	0.14	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	ND	NT	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	NT	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	0.66	0.56	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	NT	ND	ND	ND	ND	ND	0.91	ND	ND	ND
	cis-1,2-Dichloroethene	2.01	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
	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	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	1.11	1.15	ND	ND	1.01	ND	ND	0.68	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	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.36	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	NT	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	NT	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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
OB07	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	**19**	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.54	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	10	ND	ND	ND	NS	ND	NT	0.47	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	**5.3**	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	10	ND	ND	ND	NS	ND	ND	0.58	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	**7.9**	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	4.62	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	1.38	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	1.81	ND	ND	ND	NS	1.45	1.63	1.3	1.48	ND	ND	1.7
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	1.68	ND	ND	ND	NS	1.3	ND	1.23	1.61	ND	**23**	ND
	Toluene	1.88	1.14	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.49	0.72	ND	**23**	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
OB07A	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	11	ND	ND	ND	ND	ND	NT	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	11	ND	ND	ND	ND	ND	ND	0.23	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	ND	NT	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	8.93	ND	ND	ND	ND	ND	ND	NT	NT	NT	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	NT	ND	ND	ND	ND	ND	1.20	ND	ND	ND
	cis-1,2-Dichloroethene	1.25	1.01	1.45	1.05	2.6	2.02	2.02	2.09	1.85	3.51	3	1.66	1.80	ND	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	**5.8**	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	ND	NT	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	1.41	1.75	1.15	1.41	2.56	1.59	1.46	1.91	2.12	2.66	1.81	1.94	1.82	2	**23**	2
	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
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.64	0.88	ND	**21**	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	NT	0.01	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	NT	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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
OB08	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	1.23	ND	ND	ND	ND	1.2	0.46	0.87	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	0.54	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	1.01	ND	NT	ND	ND	ND	ND	ND	ND	NT	0.59	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	0.36	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	1.78	1.59	1.67	ND	ND	1.24	1.16	1.19	0.78	1.2	ND	1.6
	1,4-Dichlorobenzene	ND	ND	ND	NT	2.1	3.35	3.16	ND	ND	ND	2.15	2.92	1.84	ND	ND	4
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	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
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	2.7	0.21	0.50	ND	ND	ND
	Acrylonitrile		NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	1.09	ND	ND	ND	ND	ND	ND	0.63	0.66	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	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	0.24	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	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	4.81	4.14	4.04	ND	ND	22.02	1.95	3.13	3.31	6.1	ND	5.7
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.41	0.55	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	NT	ND	ND	ND	ND	ND	ND	2.6	ND	ND
	cis-1,2-Dichloroethene	1.76	ND	1.34	ND	9.92	8.88	11.07	3.92	3.1	10.93	10.4	10.3	8.39	8.9	ND	17
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	NT	NT	NT	ND	0.38	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	0.44	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	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	1.22	1.11	1.26	ND	ND	ND	ND	0.87	0.66	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	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.42	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	NT	0.02	ND	3.2	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	**2.67**	**2.47**	**2.98**	ND	ND	**2.04**	**2.35**	**2.91**	**3.18**	ND	ND	**4**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
OB08A	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	1.43	1.05	ND	ND	ND	1.47	0.44	0.97	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.07	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.32	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.38	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	2.53	2.17	2.33	1.22	ND	2.11	2.02	1.47	1.10	ND	ND	2
	1,4-Dichlorobenzene	ND	ND	ND	ND	5.86	4.47	4.75	ND	ND	ND	3.97	3.34	2.83	ND	ND	4.7
	2-Butanone	NT	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	1.39	1.23	1.26	ND	ND	1.09	1.03	0.89	0.99	ND	ND	1.1
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	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	NT	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	5.54	4.84	4.64	2.27	ND	3.43	3.38	3.93	4.22	7.3	ND	6.6
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.47	0.62	1	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	NT	ND	ND	ND	ND	ND	0.89	4	ND	ND
	cis-1,2-Dichloroethene	2.79	ND	3.73	4.33	18.21	14.02	21.08	10.07	8.42	22.57	21.2	13.4	14.10	12	ND	21
	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	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	0.42	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	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	1.79	1.45	1.89	ND	ND	1.48	1.37	0.99	0.89	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	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	2.34	ND	2.44	2.26	3.72	1.51	2.3	ND	ND	1.52	1.29	0.64	0.51	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	NT	0.01	ND	4	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	**4.03**	**3.44**	**4.8**	1.6	ND	**5.16**	**6.5**	**4.11**	**4.76**	ND	ND	**5.4**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
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	ND
	1,1-Dichloroethane	3.7	1.99	2.99	ND	ND	2.2	4.99	1.04	1.51	ND	3.49	ND	5.60	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	11	ND	1.19	ND	ND	ND	NT	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.64	ND	ND	ND
	1,2-Dichloropropane	3.11	2.01	2.36	1.08	ND	1.48	4.46	1.55	1.84	ND	2.53	1.26	2.65	ND	ND	2.8
	1,4-Dichlorobenzene	2.43	2.03	2.53	ND	11	1.02	6.22	ND	ND	ND	4.84	2.1	5.54	ND	ND	5
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	1.67	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Benzene	2.14	ND	1.87	ND	ND	ND	2.86	ND	1.1	ND	1.72	0.82	2.04	ND	2.4	1.6
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	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	0.22	ND	ND	ND	ND
	Carbon disulfide	1.25	ND	ND	ND	ND	ND	1.03	NT	NT	NT	ND	ND	ND	2.3	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	1.01	ND	ND	ND	ND	0.32	0.98	ND	ND	1.2
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24	0.68	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	NT	ND	ND	ND	ND	ND	ND	6.2	ND	ND
	cis-1,2-Dichloroethene	22.03	10.04	21.18	4.81	ND	13.7	34.09	20.83	9.73	ND	17.9	11.5	24.00	9.6	ND	24
	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	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	2.28	ND	ND	ND	2.47	ND	ND	ND	ND	1.03	2.86	1.95	ND	2.3	1.8
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	1.8	1.07	1.96	ND	ND	ND	5.04	1.12	1.49	ND	2.39	1.18	3.94	ND	3.9	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	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	**33.16**	**15.67**	**23.54**	**8.76**	ND	**10.6**	**28.64**	1.31	3.73	ND	**13.3**	**5.27**	**13.40**	ND	**11**	**12**
	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	NT	ND	ND	ND	ND	ND
	Vinyl Chloride	**9.43**	**5.66**	**9.35**	ND	ND	**2.43**	**16.03**	**2.15**	**12.62**	ND	**6.07**	**2.39**	**11.70**	ND	**17**	**9**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
OB102	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	12	ND	ND	ND	ND	ND	NT	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	1.78	2.32	ND	12	2.03	ND	1.81	1.43	ND	ND	1.6	1.12	ND	ND	1.4
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	0.53	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	ND	NT	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	0.25	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	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	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
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.05	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	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	1.34	2.27	1.28	2.3	2.14	2.5	1.75	1.46	1.54	1.38	1.13	0.65	ND	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	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	0.47	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	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	ND	NT	NT	NT	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	NT	ND	ND	ND	ND	ND
	Vinyl Chloride	**2.98**	ND	**2.33**	ND	1.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND

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

Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
OB105	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	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	0.55	ND	ND	ND
	1,4-Dichlorobenzene	1.38	ND	1.03	ND	ND	ND	2.23	ND	1.46	ND	3.38	0.72	3.32	ND	ND	3.9
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.23	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	1.27	ND	31.10	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.90	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	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	NT	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	0.55	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.89	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	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	3.19	ND	3.71	ND	ND	ND	8.03	ND	7.14	ND	11.1	0.97	ND	ND	ND	14
	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	0.77	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	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	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	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.25	ND	1.38	ND	2.1	1.4
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND
	Vinyl Chloride	1.01	ND	1.31	ND	ND	ND	**2.04**	ND	ND	ND	1.51	ND	**3.03**	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
OB11	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	1.52	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	16.58	12.43	17.06	13.27	15.9	29.18	29.33	11.14	23	31.01	33.4	20.4	15.10	ND	ND	21
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.89	1.03	0.45	0.93	**25**	**30**	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	**1.56**	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	1.77	1.03	ND	ND	2.89	2.38	2.42	1.03	1.55	ND	NT	1.75	1.51	3.9	ND	3
	1,2-Dichloroethane	1.07	1.4	1.28	1.38	3.81	ND	**5.36**	3.16	3.68	4.66	4.72	ND	3.94	2.8	ND	ND
	1,2-Dichloropropane	3.74	3.92	3.41	3.47	**8.11**	**7.99**	**8.27**	4.67	**6.31**	**8.28**	**8.15**	4.9	**6.10**	**5.1**	**7.2**	**6.3**
	1,4-Dichlorobenzene	3.15	5.46	1.43	ND	13.38	12.63	13.36	2.46	6.43	ND	14.6	9.13	9.85	ND	ND	17
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	0.95	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	24.60	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Benzene	3.17	3.43	2.04	1.43	**9.78**	**9.69**	**10.69**	2.04	**6.16**	**9.56**	**9.37**	4.32	**8.29**	**5.2**	**12**	**6.9**
	Bromochloromethane	ND	ND	ND	ND	1.94	2.25	1.22	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	1.2	ND	ND	ND	ND	ND	ND	NT	NT	NT	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	19.64	31.35	15.03	12.61	60.16	56.32	61.28	11.69	35.91	52.75	50	28.3	34.30	52	ND	41
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57	ND	17	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	NT	ND	ND	ND	ND	ND	ND	2.3	ND	ND
	cis-1,2-Dichloroethene	41.73	53.18	46.22	45.81	**149.39**	**164.85**	**176.66**	**92.93**	**137.27**	**190.55**	**184**	**123**	**73.60**	ND	ND	**160**
	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	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**
	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	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	2.2	ND	6.41	2.67	ND	1.65	5.6	ND	2.6
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	**36.32**	**34.22**	**26.31**	**20.17**	**65.48**	**62**	**60.22**	**32.4**	**52.48**	**67.92**	**43.9**	**35.6**	**19.60**	**26**	**44**	**47**
	Toluene	1.45	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	1.49	1.71	1.24	1.09	6.19	5.6	8.31	2.88	8.83	7.15	6.37	3.19	2.78	4.9	3.3	4.6
	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	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	**28.57**	**26.35**	**25.32**	**20.17**	**55.99**	**52.41**	**59.1**	**28.56**	**42.66**	**53.74**	**51.5**	**31.2**	**33.90**	**28**	**37**	**39**
	Trichlorofluoromethane	3.22	1.87	1.66	ND	4.37	4.25	5.59	1.93	2.85	4.58	3.98	1.61	3.78	6.8	ND	3.3
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.25	ND	ND	ND	ND
	Vinyl Chloride	**3.54**	**6.36**	**2.44**	1.75	**15.95**	**12.02**	**16.89**	**4.49**	**8.73**	**15.64**	**20.3**	**7.43**	**20.90**	**14**	ND	**13**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
OB11A	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	26.32	9.72	30.41	27.58	6.36	14.01	28.55	28.9	24.24	23.08	27.8	16.8	16.40	ND	ND	15
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.07	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	**1.8**	ND	ND
	1,2-Dichlorobenzene	2.16	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
	1,2-Dichloroethane	2.59	ND	3.16	3.15	2.36	ND	**5.76**	**5.34**	4.48	3.6	ND	2.7	1.88	ND	ND	ND
	1,2-Dichloropropane	**7.1**	2.69	**6.69**	**7.89**	**5.03**	3.93	**8.63**	**7.85**	**7.26**	**6.44**	**7.2**	4.18	4.06	3.7	ND	4.6
	1,4-Dichlorobenzene	9.88	ND	10.33	8.3	9.1	8.58	15.32	11.24	12.3	ND	15.2	13.4	9.32	ND	ND	15
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.12	22.80	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Benzene	**7.71**	ND	**8.53**	**5.66**	**5.76**	4.87	**9.72**	**7.37**	**7.13**	**6.67**	**7.51**	4.19	3.59	3.5	ND	4.3
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	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	NT	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	54.04	5.74	51.74	51.24	34.47	23.03	52.49	42.48	39.6	33.51	36.9	21.3	20.60	29	ND	24
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.39	0.89	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	NT	ND	ND	ND	ND	ND	ND	1.4	ND	ND
	cis-1,2-Dichloroethene	**102.11**	23.84	**126.58**	**119.67**	**100.04**	**86.72**	**189.64**	**189.43**	**173.52**	**148.44**	**168**	**113**	**81.60**	**76**	ND	**100**
	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	**15.83**	ND	**10.77**	**8.39**	3.6	2.74	**9.3**	**5.59**	1.73	2.72	1.77	2.4	**5.45**	1.8	ND	**5.9**
	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	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	4.33	ND	5.76	2.49	ND	2.00	3.8	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	**53.93**	**28.72**	**42.58**	**47.07**	**37.1**	**23.91**	**51.32**	**54.18**	**53.26**	**44.75**	**33.8**	**26.3**	**10.70**	**14**	ND	**27**
	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	3.65	ND	4.65	3.57	3.67	2.74	8.79	9.82	10.82	5.07	5.45	3.07	3.18	ND	ND	3.1
	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	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	**51.64**	**16.94**	**50.65**	**52.6**	**34.14**	**24.25**	**53.8**	**50.9**	**45.34**	**39.05**	**42.4**	**26.1**	**21.60**	**17**	ND	**28**
	Trichlorofluoromethane	4.34	1.95	2.97	2.52	1.24	1.04	3.79	2.9	2.1	2.09	2.14	1.26	2.53	2.9	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.27	ND	ND	ND	ND
	Vinyl Chloride	**10.51**	ND	**13.3**	**7.95**	**12.01**	**10.23**	**18.34**	**13.71**	**12.75**	**13.43**	**15.4**	**10.2**	**31.60**	**11**	ND	**12**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND

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

Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
OB12	1,1,1,2-Tetrachloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	NS	ND	11.6	2.66	4.97	2.74	12.73	8.14	12.72	10.97	22.7	10.6	39.20	23	ND	21
	1,1-Dichloroethene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.54	ND	ND	ND
	1,2,3-Trichloropropane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	NS	ND	ND	ND	11	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	1,2-Dichloroethane	NS	ND	ND	ND	ND	ND	1.59	ND	1.08	ND	ND	0.63	1.17	ND	ND	ND
	1,2-Dichloropropane	NS	ND	3.25	2.02	4.85	1.13	**7.25**	3.75	**5.61**	3.62	**5.55**	2.93	**6.29**	3.3	ND	**5.8**
	1,4-Dichlorobenzene	NS	ND	2.01	ND	11	1.5	3.77	ND	2.82	ND	4.18	2.83	4.51	ND	ND	5.4
	2-Butanone	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	2-Hexanone	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.59	0.70	ND	ND	ND
	Acrylonitrile	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Benzene	NS	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
	Bromochloromethane	NS	ND	ND	ND	1.29	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Bromodichloromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.21	0.92	1.46	ND	ND	2.1
	Chloroethane	NS	7.36	1.27	2.69	1.03	ND	ND	ND	2.5	2.61	1.39	0.87	1.64	ND	ND	ND
	Chloroform	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NS	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	2.1	ND	ND
	cis-1,2-Dichloroethene	NS	5.03	11.79	7.57	18.1	22.6	25.91	25.54	26.92	26.86	21.4	12.4	26.20	14	ND	23
	cis-1,3-Dichloropropene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	NS	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
	Ethylbenzene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NS	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	0.85	ND	ND	ND
	ortho-Xylene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	Styrene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	NS	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**
	Toluene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	NS	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
	trans-1,3-Dichloropropene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	NS	**10.18**	**14.72**	**13.99**	**17.23**	ND	**24.95**	**12.65**	**18.35**	**6.22**	**18.1**	**11.6**	**20.30**	**9.4**	ND	**17**
	Trichlorofluoromethane	NS	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
	Vinyl Acetate	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	ND	6.6	ND	ND
	Vinyl Chloride	NS	1.01	1.8	ND	**6.32**	1.54	**2.9**	**6.72**	**3.97**	**6.99**	**6.3**	**7.32**	**6.22**	ND	ND	**6.4**
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
OB15	1,1,1,2-Tetrachloroethane	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	3.21	1.48	NS	3.19	1.88	7.04	NS	4.2	4.03	4.04	4.62	1.08	12.00	2.3	ND	3.1
	1,1-Dichloroethene	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	**1.34**	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	NS	ND	11	ND	NS	ND	ND	ND	NT	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	1.07	NS	ND	11	ND	NS	ND	ND	ND	ND	0.28	ND	ND	ND	ND
	2-Butanone	ND	ND	NS	ND	6.45	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	NS	ND	ND	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NS	NT	NT	NT	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	NS	ND	ND	ND	NS	NT	NT	NT	ND	0.61	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NS	NT	NT	NT	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	NT	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	NS	ND	ND	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	3.6
	Chloroethane	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	0.05	0.98	ND	ND	ND
	Chloroform	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NS	NT	NT	NT	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	NS	ND	ND	1.28	NS	1.1	1.51	1.17	1.51	1.18	1.02	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	NS	ND	ND	ND	NS	Nt	NT	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NS	NT	NT	NT	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	NT	NT	NT
	Styrene	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	0.48	0.54	ND	ND	1.1
	Toluene	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	0.39	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	NS	ND	ND	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	1.42	ND	NS	2.73	1.75	1.16	NS	ND	ND	ND	ND	2.31	1.23	1.1	ND	2.2
	Trichlorofluoromethane	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NS	NT	NT	NT	NS	NT	NT	NT	NT	0.01	ND	ND	ND	ND
	Vinyl Chloride	**4.28**	**6.37**	NS	**6.33**	**11.66**	**18.4**	NS	**6.29**	**9.17**	**2.78**	**3.92**	**3.55**	**10.20**	ND	ND	1.9
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
OB25	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.13	0.63	1.11	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	**143**	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	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	0.23	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	1.38	ND	ND	ND	3.16	0.71	3.80	ND	ND	3.7
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.45	0.87	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.82	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.11	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	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	NT	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	1.58	ND	1.07	ND	1.93	0.47	4.50	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.17	0.69	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	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	2.56	6.07	4.38	6.23	4.12	7.5	4.52	6.82	ND	ND	4.9
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	1.44	ND	ND	ND	ND	ND	0.86	ND	ND	3.8
	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	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	1.04	2.43	1.21	ND	ND	1.66	0.81	2.24	ND	ND	2.1
	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	NT	ND	ND	ND	ND	ND
	Vinyl Chloride	**3.33**	ND	1.21	ND	**2.15**	ND	**5.29**	ND	**4.29**	ND	**2.61**	0.38	**4.04**	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND

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

Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
ST015	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	2.82	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	1.8	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	3.69	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	**5.52**	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	**2.56**	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	10	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	10	ND	ND	ND	NS	ND	ND	0.27	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	NT	ND	ND	ND	NT	NS	NT	ND	ND	0.56	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NS	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	0.27	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NS	NT	ND	ND	ND	ND	ND	ND
	Benzene	ND	ND	ND	ND	ND	ND	1.11	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NT	ND	ND	ND	ND	ND
	Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	1.09	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Chloromethane	NT	NT	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.78	ND	ND	ND	ND
	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	1.04	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	ND	ND	ND	2.33	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	ND	ND	ND	ND	ND	ND	1.15	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Methyl Iodide	ND	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	NS	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	1.45	ND	NS	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	3.64	ND	NS	ND	ND	ND	ND	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Toluene	ND	ND	ND	ND	ND	ND	5.94	ND	NS	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	ND	ND	ND	1.06	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten	ND	ND	ND	ND	ND	ND	ND	NT	NS	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	1.05	ND	ND	ND	ND	1.4	ND	1.1	NS	2.2	ND	1.38	ND	ND	ND	ND
	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Vinyl Acetate	NT	NT	NT	NT	NT	NT	NT	NT	NS	NT	NT	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND

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

Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
ST120	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	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	ND	0.22	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.21	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	ND	NT	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	NT	ND	ND	ND	1.8	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	NT	ND	ND	ND	ND	ND	0.87	4.9	ND	ND
	cis-1,2-Dichloroethene	ND	ND	1.22	ND	2.52	ND	2.99	1.22	ND	1.15	1.54	0.57	1.26	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	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	1.65	ND	1.56	ND	ND	ND	ND	ND	1.10	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	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	1.33	ND	1.4	ND	ND	ND	ND	0.27	0.90	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	NT	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	NT	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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
ST65	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.13	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	**1.04**	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	11	ND	ND	ND	ND	ND	NT	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	1.34	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	0.17	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	1.17	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	ND	NT	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	0.23	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	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	NT	ND	ND	ND	ND	ND	0.81	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.43	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	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	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	1.6
	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	NT	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**7.13**	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	NT	ND	ND	ND	ND	ND
	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.29	ND	ND	ND	ND	ND	ND
	Xylene (Total)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	3.6

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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
ST70	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	10	ND	ND	ND	ND	ND	NT	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	10	ND	ND	ND	ND	ND	ND	0.19	ND	ND	ND	ND
	2-Butanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	ND	NT	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	0.28	ND	ND	ND	ND
	Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	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	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	1.04	ND	1.17	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	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	3.82	ND	7.27	1.19	4.27	1.04	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	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	ND	NT	NT	NT	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	NT	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	NT	ND	ND	2.2

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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
ST80	1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	10	ND	ND	ND	ND	ND	NT	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	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Butanone	NT	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	2-Hexanone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Acetone	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	ND	0.69	1.49	ND	ND	ND
	Acrylonitrile	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	ND	NT	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	NT	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	NT	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	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Methyl Tertiary Butyl Ether	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ortho-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	para-Xylene & meta-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT
	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	ND	NT	NT	NT	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	NT	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	NT	ND	ND	1.6

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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
MW1B	1,1,1,2-Tetrachloroethane													NT	ND	ND	ND
	1,1,1-Trichloroethane													NT	ND	ND	ND
	1,1,2,2-Tetrachloroethane													NT	ND	ND	ND
	1,1,2-Trichloroethane													NT	ND	ND	ND
	1,1-Dichloroethane													NT	ND	ND	ND
	1,1-Dichloroethene													NT	ND	ND	ND
	1,2,3-Trichloropropane													NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan													NT	ND	ND	ND
	1,2-Dibromoethane													NT	ND	ND	ND
	1,2-Dichlorobenzene													NT	ND	ND	ND
	1,2-Dichloroethane													NT	ND	ND	ND
	1,2-Dichloropropane													NT	ND	ND	ND
	1,4-Dichlorobenzene													NT	ND	ND	ND
	2-Butanone													NT	ND	ND	ND
	2-Hexanone													NT	ND	ND	ND
	4-Methyl-2-Pentanone													NT	ND	ND	ND
	Acetone													NT	ND	ND	ND
	Acrylonitrile													NT	ND	ND	ND
	Benzene													NT	ND	ND	ND
	Bromochloromethane													NT	ND	ND	ND
	Bromodichloromethane													NT	ND	ND	ND
	Bromoform													NT	ND	ND	ND
	Bromomethane													NT	ND	ND	ND
	Carbon disulfide													NT	ND	ND	ND
	Carbon Tetrachloride													NT	ND	ND	ND
	Chlorobenzene													NT	ND	ND	ND
	Chloroethane													NT	ND	ND	ND
	Chloroform													NT	ND	ND	ND
	Chloromethane													NT	ND	ND	ND
	cis-1,2-Dichloroethene													NT	ND	ND	ND
	cis-1,3-Dichloropropene													NT	ND	ND	ND
	Dibromochloromethane													NT	ND	ND	ND
	Dibromomethane													NT	ND	ND	ND
	Dichloromethane													NT	ND	ND	ND
	Ethylbenzene													NT	ND	ND	ND
	Methyl Iodide													NT	ND	ND	ND
	Methyl Tertiary Butyl Ether													NT	ND	ND	ND
	ortho-Xylene													NT	NT	NT	NT
	para-Xylene & meta-Xylene													NT	NT	NT	NT
	Styrene													NT	ND	ND	ND
	Tetrachloroethene													NT	ND	ND	ND
	Toluene													NT	ND	ND	ND
	trans-1,2-Dichloroethene													NT	ND	ND	ND
	trans-1,3-Dichloropropene													NT	ND	ND	ND
	trans-1,4-Dichloro-2-buten													NT	ND	ND	ND
	Trichloroethene													NT	ND	ND	ND
	Trichlorofluoromethane													NT	ND	ND	ND
	Vinyl Acetate													NT	ND	ND	ND
	Vinyl Chloride													NT	ND	ND	ND
	Xylene (Total)													NT	ND	ND	ND

NEW MONITORING WELL
Sampling Started in Fall 2010

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	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
MW2A	1,1,1,2-Tetrachloroethane													NT	ND	ND	ND
	1,1,1-Trichloroethane													NT	ND	ND	ND
	1,1,2,2-Tetrachloroethane													NT	ND	ND	ND
	1,1,2-Trichloroethane													NT	ND	ND	ND
	1,1-Dichloroethane													NT	ND	ND	ND
	1,1-Dichloroethene													NT	ND	ND	ND
	1,2,3-Trichloropropane													NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan													NT	ND	ND	ND
	1,2-Dibromoethane													NT	ND	ND	ND
	1,2-Dichlorobenzene													NT	ND	ND	ND
	1,2-Dichloroethane													NT	ND	ND	ND
	1,2-Dichloropropane													NT	ND	ND	ND
	1,4-Dichlorobenzene													NT	ND	ND	ND
	2-Butanone													NT	ND	ND	ND
	2-Hexanone													NT	ND	ND	ND
	4-Methyl-2-Pentanone													NT	ND	ND	ND
	Acetone													NT	ND	ND	ND
	Acrylonitrile													NT	ND	ND	ND
	Benzene													NT	ND	ND	ND
	Bromochloromethane													NT	ND	ND	ND
	Bromodichloromethane													NT	ND	ND	ND
	Bromoform													NT	ND	ND	ND
	Bromomethane													NT	ND	ND	ND
	Carbon disulfide													NT	ND	ND	ND
	Carbon Tetrachloride													NT	ND	ND	ND
	Chlorobenzene													NT	ND	ND	ND
	Chloroethane													NT	ND	ND	ND
	Chloroform													NT	ND	ND	ND
	Chloromethane													NT	ND	ND	ND
	cis-1,2-Dichloroethene													NT	ND	ND	ND
	cis-1,3-Dichloropropene													NT	ND	ND	ND
	Dibromochloromethane													NT	ND	ND	ND
	Dibromomethane													NT	ND	ND	ND
	Dichloromethane													NT	ND	ND	ND
	Ethylbenzene													NT	ND	ND	ND
	Methyl Iodide													NT	ND	ND	ND
	Methyl Tertiary Butyl Ether													NT	ND	ND	ND
	ortho-Xylene													NT	NT	NT	NT
	para-Xylene & meta-Xylene													NT	NT	NT	NT
	Styrene													NT	ND	ND	ND
	Tetrachloroethene													NT	4	2.5	2.2
	Toluene													NT	ND	ND	ND
	trans-1,2-Dichloroethene													NT	ND	ND	ND
	trans-1,3-Dichloropropene													NT	ND	ND	ND
	trans-1,4-Dichloro-2-buten													NT	ND	ND	ND
	Trichloroethene													NT	ND	ND	ND
	Trichlorofluoromethane													NT	ND	ND	ND
	Vinyl Acetate													NT	ND	ND	ND
	Vinyl Chloride													NT	ND	ND	ND
	Xylene (Total)													NT	ND	ND	ND

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
MW2B	1,1,1,2-Tetrachloroethane													NT	ND	ND	ND
	1,1,1-Trichloroethane													NT	ND	ND	ND
	1,1,2,2-Tetrachloroethane													NT	ND	ND	ND
	1,1,2-Trichloroethane													NT	ND	ND	ND
	1,1-Dichloroethane													NT	ND	ND	ND
	1,1-Dichloroethene													NT	ND	ND	ND
	1,2,3-Trichloropropane													NT	ND	ND	ND
	1,2-Dibromo-3-chloropropan													NT	ND	ND	ND
	1,2-Dibromoethane													NT	ND	ND	ND
	1,2-Dichlorobenzene													NT	ND	ND	ND
	1,2-Dichloroethane													NT	ND	ND	ND
	1,2-Dichloropropane													NT	ND	ND	ND
	1,4-Dichlorobenzene													NT	ND	ND	ND
	2-Butanone													NT	ND	ND	ND
	2-Hexanone													NT	ND	ND	ND
	4-Methyl-2-Pentanone													NT	ND	ND	ND
	Acetone													NT	ND	ND	ND
	Acrylonitrile													NT	ND	ND	ND
	Benzene													NT	ND	ND	ND
	Bromochloromethane													NT	ND	ND	ND
	Bromodichloromethane													NT	ND	ND	ND
	Bromoform													NT	ND	ND	ND
	Bromomethane													NT	ND	ND	ND
	Carbon disulfide													NT	ND	ND	ND
	Carbon Tetrachloride													NT	ND	ND	ND
	Chlorobenzene													NT	ND	ND	ND
	Chloroethane													NT	ND	ND	ND
	Chloroform													NT	ND	ND	ND
	Chloromethane													NT	ND	ND	ND
	cis-1,2-Dichloroethene													NT	ND	ND	ND
	cis-1,3-Dichloropropene													NT	ND	ND	ND
	Dibromochloromethane													NT	ND	ND	ND
	Dibromomethane													NT	ND	ND	ND
	Dichloromethane													NT	ND	ND	ND
	Ethylbenzene													NT	ND	ND	ND
	Methyl Iodide													NT	ND	ND	ND
	Methyl Tertiary Butyl Ether													NT	ND	ND	ND
	ortho-Xylene													NT	NT	NT	NT
	para-Xylene & meta-Xylene													NT	NT	NT	NT
	Styrene													NT	ND	ND	ND
	Tetrachloroethene													NT	1.9	3	3.2
	Toluene													NT	ND	ND	ND
	trans-1,2-Dichloroethene													NT	ND	ND	ND
	trans-1,3-Dichloropropene													NT	ND	ND	ND
	trans-1,4-Dichloro-2-buten													NT	ND	ND	ND
	Trichloroethene													NT	ND	ND	ND
	Trichlorofluoromethane													NT	ND	ND	ND
	Vinyl Acetate													NT	ND	ND	ND
	Vinyl Chloride													NT	ND	ND	ND
	Xylene (Total)													NT	ND	ND	ND

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
MW3A	1,1,1,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,1-Trichloroethane													ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,2-Trichloroethane													ND	ND	ND	ND
	1,1-Dichloroethane													ND	ND	ND	ND
	1,1-Dichloroethene													ND	ND	ND	ND
	1,2,3-Trichloropropane													ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan													ND	ND	ND	ND
	1,2-Dibromoethane													ND	ND	ND	ND
	1,2-Dichlorobenzene													ND	ND	ND	ND
	1,2-Dichloroethane													ND	ND	ND	ND
	1,2-Dichloropropane													ND	ND	ND	ND
	1,4-Dichlorobenzene													ND	ND	ND	ND
	2-Butanone													ND	ND	ND	ND
	2-Hexanone													ND	ND	ND	ND
	4-Methyl-2-Pentanone													ND	ND	ND	ND
	Acetone													ND	ND	ND	ND
	Acrylonitrile													ND	ND	ND	ND
	Benzene													ND	ND	ND	ND
	Bromochloromethane													ND	ND	ND	ND
	Bromodichloromethane													ND	ND	ND	ND
	Bromoform													ND	ND	ND	ND
	Bromomethane													ND	ND	ND	ND
	Carbon disulfide													ND	ND	ND	ND
	Carbon Tetrachloride													ND	ND	ND	ND
	Chlorobenzene													ND	ND	ND	ND
	Chloroethane													ND	ND	ND	ND
	Chloroform													1.46	1.5	1.6	1.8
	Chloromethane													ND	ND	ND	ND
	cis-1,2-Dichloroethene													ND	ND	ND	ND
	cis-1,3-Dichloropropene													ND	ND	ND	ND
	Dibromochloromethane													ND	ND	ND	ND
	Dibromomethane													ND	ND	ND	ND
	Dichloromethane													ND	ND	ND	ND
	Ethylbenzene													ND	ND	ND	ND
	Methyl Iodide													ND	ND	ND	ND
	Methyl Tertiary Butyl Ether													ND	ND	ND	ND
	ortho-Xylene													ND	NT	NT	NT
	para-Xylene & meta-Xylene													ND	NT	NT	NT
	Styrene													ND	ND	ND	ND
	Tetrachloroethene													ND	ND	ND	ND
	Toluene													ND	ND	ND	ND
	trans-1,2-Dichloroethene													ND	ND	ND	ND
	trans-1,3-Dichloropropene													ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten													ND	ND	ND	ND
	Trichloroethene													ND	ND	ND	ND
	Trichlorofluoromethane													ND	ND	ND	ND
	Vinyl Acetate													ND	ND	ND	ND
	Vinyl Chloride													ND	ND	ND	ND
	Xylene (Total)													NT	ND	ND	ND

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
MW3B	1,1,1,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,1-Trichloroethane													ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,2-Trichloroethane													ND	ND	ND	ND
	1,1-Dichloroethane													ND	ND	ND	ND
	1,1-Dichloroethene													ND	ND	ND	ND
	1,2,3-Trichloropropane													ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan													ND	ND	ND	ND
	1,2-Dibromoethane													ND	ND	ND	ND
	1,2-Dichlorobenzene													ND	ND	ND	ND
	1,2-Dichloroethane													ND	ND	ND	ND
	1,2-Dichloropropane													ND	ND	ND	ND
	1,4-Dichlorobenzene													ND	ND	ND	ND
	2-Butanone													ND	ND	ND	ND
	2-Hexanone													ND	ND	ND	ND
	4-Methyl-2-Pentanone													ND	ND	ND	ND
	Acetone													ND	ND	ND	ND
	Acrylonitrile													ND	ND	ND	ND
	Benzene													ND	ND	ND	ND
	Bromochloromethane													ND	ND	ND	ND
	Bromodichloromethane													ND	ND	ND	ND
	Bromoform													ND	ND	ND	ND
	Bromomethane													ND	ND	ND	ND
	Carbon disulfide													ND	ND	ND	ND
	Carbon Tetrachloride													ND	ND	ND	ND
	Chlorobenzene													ND	ND	ND	ND
	Chloroethane													ND	ND	ND	ND
	Chloroform													ND	ND	ND	ND
	Chloromethane													ND	ND	ND	ND
	cis-1,2-Dichloroethene													1.11	ND	ND	ND
	cis-1,3-Dichloropropene													ND	ND	ND	ND
	Dibromochloromethane													ND	ND	ND	ND
	Dibromomethane													ND	ND	ND	ND
	Dichloromethane													ND	ND	ND	ND
	Ethylbenzene													ND	ND	ND	ND
	Methyl Iodide													ND	ND	ND	ND
	Methyl Tertiary Butyl Ether													ND	ND	ND	ND
	ortho-Xylene													ND	NT	NT	NT
	para-Xylene & meta-Xylene													ND	NT	NT	NT
	Styrene													ND	ND	ND	ND
	Tetrachloroethene													ND	ND	ND	ND
	Toluene													ND	ND	ND	ND
	trans-1,2-Dichloroethene													ND	ND	ND	ND
	trans-1,3-Dichloropropene													ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten													ND	ND	ND	ND
	Trichloroethene													ND	ND	ND	ND
	Trichlorofluoromethane													ND	ND	ND	ND
	Vinyl Acetate													ND	ND	ND	ND
	Vinyl Chloride													ND	ND	ND	ND
	Xylene (Total)													NT	ND	ND	ND

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
MW04	1,1,1,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,1-Trichloroethane													ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,2-Trichloroethane													ND	ND	ND	ND
	1,1-Dichloroethane													ND	9.3	ND	ND
	1,1-Dichloroethene													ND	ND	ND	ND
	1,2,3-Trichloropropane													ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan													ND	ND	ND	ND
	1,2-Dibromoethane													ND	ND	ND	ND
	1,2-Dichlorobenzene													ND	ND	ND	ND
	1,2-Dichloroethane													ND	ND	ND	ND
	1,2-Dichloropropane													ND	ND	ND	ND
	1,4-Dichlorobenzene													ND	ND	ND	ND
	2-Butanone													ND	ND	ND	ND
	2-Hexanone													ND	ND	ND	ND
	4-Methyl-2-Pentanone													ND	ND	ND	ND
	Acetone													ND	9.4	ND	ND
	Acrylonitrile													ND	ND	ND	ND
	Benzene													ND	1.1	2.1	ND
	Bromochloromethane													ND	ND	ND	ND
	Bromodichloromethane													ND	ND	ND	ND
	Bromoform													ND	ND	ND	ND
	Bromomethane													ND	ND	ND	ND
	Carbon disulfide													ND	ND	ND	ND
	Carbon Tetrachloride													ND	ND	ND	ND
	Chlorobenzene													ND	5.6	ND	ND
	Chloroethane													ND	ND	ND	ND
	Chloroform													ND	ND	ND	ND
	Chloromethane													ND	2.9	ND	ND
	cis-1,2-Dichloroethene													ND	13	ND	ND
	cis-1,3-Dichloropropene													ND	ND	ND	ND
	Dibromochloromethane													ND	ND	ND	ND
	Dibromomethane													ND	ND	ND	ND
	Dichloromethane													ND	ND	2	ND
	Ethylbenzene													ND	ND	ND	ND
	Methyl Iodide													ND	ND	ND	ND
	Methyl Tertiary Butyl Ether													ND	ND	ND	ND
	ortho-Xylene													ND	NT	NT	NT
	para-Xylene & meta-Xylene													ND	NT	NT	NT
	Styrene													ND	ND	ND	ND
	Tetrachloroethene													ND	ND	1.5	ND
	Toluene													ND	ND	ND	ND
	trans-1,2-Dichloroethene													ND	1.7	ND	ND
	trans-1,3-Dichloropropene													ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten													ND	ND	ND	ND
	Trichloroethene													ND	**5.6**	1.4	ND
	Trichlorofluoromethane													ND	ND	14	ND
	Vinyl Acetate													ND	ND	ND	ND
	Vinyl Chloride													ND	ND	3.1	ND
	Xylene (Total)													NT	ND	ND	ND

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
MW06	1,1,1,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,1-Trichloroethane													ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,2-Trichloroethane													ND	ND	ND	ND
	1,1-Dichloroethane													6.86	ND	ND	3.3
	1,1-Dichloroethene													ND	ND	ND	ND
	1,2,3-Trichloropropane													ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan													ND	ND	ND	ND
	1,2-Dibromoethane													ND	ND	ND	ND
	1,2-Dichlorobenzene													ND	ND	ND	ND
	1,2-Dichloroethane													1.84	ND	ND	ND
	1,2-Dichloropropane													2.37	ND	ND	ND
	1,4-Dichlorobenzene													6.64	ND	ND	ND
	2-Butanone													ND	ND	ND	ND
	2-Hexanone													ND	ND	ND	ND
	4-Methyl-2-Pentanone													ND	ND	ND	ND
	Acetone													ND	ND	ND	ND
	Acrylonitrile													ND	ND	ND	ND
	Benzene													0.74	ND	ND	6.3
	Bromochloromethane													ND	ND	ND	ND
	Bromodichloromethane													ND	ND	ND	ND
	Bromoform													ND	ND	ND	ND
	Bromomethane													ND	ND	ND	ND
	Carbon disulfide													ND	ND	ND	ND
	Carbon Tetrachloride													ND	ND	ND	ND
	Chlorobenzene													5.77	7.1	6.1	ND
	Chloroethane													ND	ND	ND	ND
	Chloroform													ND	ND	ND	ND
	Chloromethane													ND	ND	ND	ND
	cis-1,2-Dichloroethene													33.20	ND	ND	23
	cis-1,3-Dichloropropene													ND	ND	ND	ND
	Dibromochloromethane													ND	ND	ND	ND
	Dibromomethane													ND	ND	ND	ND
	Dichloromethane													0.56	ND	ND	ND
	Ethylbenzene													ND	ND	ND	ND
	Methyl Iodide													ND	ND	ND	ND
	Methyl Tertiary Butyl Ether													5.16	ND	ND	3.3
	ortho-Xylene													ND	NT	NT	NT
	para-Xylene & meta-Xylene													ND	NT	NT	NT
	Styrene													ND	ND	ND	ND
	Tetrachloroethene													ND	ND	ND	ND
	Toluene													ND	ND	ND	ND
	trans-1,2-Dichloroethene													2.63	ND	2.2	1.2
	trans-1,3-Dichloropropene													ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten													ND	ND	ND	ND
	Trichloroethene													1.19	ND	ND	ND
	Trichlorofluoromethane													ND	ND	ND	ND
	Vinyl Acetate													ND	ND	ND	ND
	Vinyl Chloride													ND	ND	ND	2
	Xylene (Total)													NT	ND	ND	ND

NEW MONITORING WELL
Sampling Started in Fall 2010

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
MW07	1,1,1,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,1-Trichloroethane													ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,2-Trichloroethane													ND	ND	ND	ND
	1,1-Dichloroethane													ND	ND	ND	ND
	1,1-Dichloroethene													ND	ND	ND	ND
	1,2,3-Trichloropropane													ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan													ND	ND	ND	ND
	1,2-Dibromoethane													ND	ND	ND	ND
	1,2-Dichlorobenzene													ND	ND	ND	ND
	1,2-Dichloroethane													ND	ND	ND	ND
	1,2-Dichloropropane													ND	ND	ND	ND
	1,4-Dichlorobenzene													ND	ND	ND	ND
	2-Butanone													0.73	ND	ND	ND
	2-Hexanone													ND	ND	ND	ND
	4-Methyl-2-Pentanone													ND	ND	ND	ND
	Acetone													4.74	ND	ND	ND
	Acrylonitrile													ND	ND	ND	ND
	Benzene													ND	ND	ND	ND
	Bromochloromethane													ND	ND	ND	ND
	Bromodichloromethane													ND	ND	ND	ND
	Bromoform													ND	ND	ND	ND
	Bromomethane													ND	ND	ND	ND
	Carbon disulfide													2.00	ND	ND	ND
	Carbon Tetrachloride													ND	ND	ND	ND
	Chlorobenzene													ND	ND	ND	ND
	Chloroethane													ND	ND	ND	ND
	Chloroform													ND	ND	ND	ND
	Chloromethane													0.58	ND	ND	ND
	cis-1,2-Dichloroethene													ND	ND	ND	ND
	cis-1,3-Dichloropropene													ND	ND	ND	ND
	Dibromochloromethane													ND	ND	ND	ND
	Dibromomethane													ND	ND	ND	ND
	Dichloromethane													ND	ND	1.7	ND
	Ethylbenzene													ND	ND	ND	ND
	Methyl Iodide													ND	ND	ND	ND
	Methyl Tertiary Butyl Ether													ND	ND	ND	ND
	ortho-Xylene													ND	NT	NT	NT
	para-Xylene & meta-Xylene													ND	NT	NT	NT
	Styrene													ND	ND	ND	ND
	Tetrachloroethene													0.54	ND	3	3.2
	Toluene													ND	ND	ND	ND
	trans-1,2-Dichloroethene													ND	ND	ND	ND
	trans-1,3-Dichloropropene													ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten													ND	ND	ND	ND
	Trichloroethene													0.52	11	3	1.3
	Trichlorofluoromethane													ND	ND	ND	ND
	Vinyl Acetate													ND	ND	ND	ND
	Vinyl Chloride													ND	ND	ND	ND
	Xylene (Total)													NT	ND	ND	ND

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
MW08	1,1,1,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,1-Trichloroethane													ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,2-Trichloroethane													ND	ND	ND	ND
	1,1-Dichloroethane													ND	ND	ND	ND
	1,1-Dichloroethene													ND	ND	ND	ND
	1,2,3-Trichloropropane													ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan													ND	ND	ND	ND
	1,2-Dibromoethane													ND	ND	ND	ND
	1,2-Dichlorobenzene													ND	ND	ND	ND
	1,2-Dichloroethane													ND	ND	ND	ND
	1,2-Dichloropropane													ND	ND	ND	ND
	1,4-Dichlorobenzene													ND	ND	ND	ND
	2-Butanone													ND	ND	ND	ND
	2-Hexanone													ND	ND	ND	ND
	4-Methyl-2-Pentanone													ND	ND	ND	ND
	Acetone													1.41	8.6	ND	ND
	Acrylonitrile													ND	ND	ND	ND
	Benzene													ND	ND	ND	ND
	Bromochloromethane													ND	ND	ND	ND
	Bromodichloromethane													ND	ND	ND	ND
	Bromoform													ND	ND	ND	ND
	Bromomethane													ND	ND	ND	ND
	Carbon disulfide													ND	1.1	ND	ND
	Carbon Tetrachloride													ND	ND	ND	ND
	Chlorobenzene													0.51	ND	ND	ND
	Chloroethane													ND	ND	ND	ND
	Chloroform													ND	ND	ND	ND
	Chloromethane													1.98	3.7	ND	ND
	cis-1,2-Dichloroethene													ND	ND	ND	ND
	cis-1,3-Dichloropropene													ND	ND	ND	ND
	Dibromochloromethane													ND	ND	ND	ND
	Dibromomethane													ND	ND	ND	ND
	Dichloromethane													ND	ND	ND	ND
	Ethylbenzene													ND	ND	ND	ND
	Methyl Iodide													ND	ND	ND	ND
	Methyl Tertiary Butyl Ether													ND	ND	ND	ND
	ortho-Xylene													ND	NT	NT	NT
	para-Xylene & meta-Xylene													ND	NT	NT	NT
	Styrene													ND	ND	ND	ND
	Tetrachloroethene													ND	ND	ND	ND
	Toluene													ND	ND	ND	ND
	trans-1,2-Dichloroethene													ND	ND	ND	ND
	trans-1,3-Dichloropropene													ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten													ND	ND	ND	ND
	Trichloroethene													ND	ND	2.8	ND
	Trichlorofluoromethane													ND	ND	ND	ND
	Vinyl Acetate													ND	ND	ND	ND
	Vinyl Chloride													ND	ND	ND	ND
	Xylene (Total)													NT	ND	ND	ND

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
MW09	1,1,1,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,1-Trichloroethane													ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,2-Trichloroethane													ND	ND	ND	ND
	1,1-Dichloroethane													ND	ND	ND	ND
	1,1-Dichloroethene													ND	ND	ND	ND
	1,2,3-Trichloropropane													ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan													ND	ND	ND	ND
	1,2-Dibromoethane													ND	ND	ND	ND
	1,2-Dichlorobenzene													ND	ND	ND	ND
	1,2-Dichloroethane													ND	ND	ND	ND
	1,2-Dichloropropane													ND	ND	ND	ND
	1,4-Dichlorobenzene													ND	ND	ND	ND
	2-Butanone													ND	ND	ND	ND
	2-Hexanone													ND	ND	ND	ND
	4-Methyl-2-Pentanone													ND	ND	ND	ND
	Acetone													ND	22	ND	ND
	Acrylonitrile													ND	ND	ND	ND
	Benzene													ND	1	ND	ND
	Bromochloromethane													ND	ND	ND	ND
	Bromodichloromethane													ND	ND	ND	ND
	Bromoform													ND	ND	ND	ND
	Bromomethane													ND	ND	ND	ND
	Carbon disulfide													ND	ND	ND	ND
	Carbon Tetrachloride													ND	ND	ND	ND
	Chlorobenzene													ND	ND	ND	ND
	Chloroethane													ND	ND	ND	ND
	Chloroform													ND	ND	ND	ND
	Chloromethane													ND	ND	ND	ND
	cis-1,2-Dichloroethene													ND	ND	ND	ND
	cis-1,3-Dichloropropene													ND	ND	ND	ND
	Dibromochloromethane													ND	ND	ND	ND
	Dibromomethane													ND	ND	ND	ND
	Dichloromethane													ND	ND	ND	ND
	Ethylbenzene													ND	ND	ND	ND
	Methyl Iodide													ND	ND	ND	ND
	Methyl Tertiary Butyl Ether													ND	ND	ND	ND
	ortho-Xylene													ND	NT	NT	NT
	para-Xylene & meta-Xylene													ND	NT	NT	NT
	Styrene													ND	ND	ND	ND
	Tetrachloroethene													**8.72**	5	**16**	**14**
	Toluene													ND	3	ND	ND
	trans-1,2-Dichloroethene													ND	ND	ND	ND
	trans-1,3-Dichloropropene													ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten													ND	ND	ND	ND
	Trichloroethene													0.73	ND	ND	ND
	Trichlorofluoromethane													ND	ND	ND	ND
	Vinyl Acetate													ND	ND	ND	ND
	Vinyl Chloride													ND	ND	ND	ND
	Xylene (Total)													NT	1.3	ND	ND

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TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
MW10	1,1,1,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,1-Trichloroethane													ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,2-Trichloroethane													ND	ND	ND	ND
	1,1-Dichloroethane													ND	ND	ND	ND
	1,1-Dichloroethene													ND	ND	ND	ND
	1,2,3-Trichloropropane													ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan													ND	ND	ND	ND
	1,2-Dibromoethane													ND	ND	ND	ND
	1,2-Dichlorobenzene													ND	ND	ND	ND
	1,2-Dichloroethane													ND	ND	ND	ND
	1,2-Dichloropropane													ND	ND	ND	ND
	1,4-Dichlorobenzene													ND	ND	ND	ND
	2-Butanone													ND	ND	ND	ND
	2-Hexanone													ND	ND	ND	ND
	4-Methyl-2-Pentanone													ND	ND	ND	ND
	Acetone													ND	24	ND	ND
	Acrylonitrile													ND	ND	ND	ND
	Benzene													ND	ND	ND	ND
	Bromochloromethane													ND	ND	ND	ND
	Bromodichloromethane													ND	ND	ND	ND
	Bromoform													ND	ND	ND	ND
	Bromomethane													ND	ND	ND	ND
	Carbon disulfide													ND	ND	ND	ND
	Carbon Tetrachloride													ND	ND	ND	ND
	Chlorobenzene													ND	ND	ND	ND
	Chloroethane													ND	ND	ND	ND
	Chloroform													ND	ND	ND	ND
	Chloromethane													ND	5.2	ND	ND
	cis-1,2-Dichloroethene													ND	ND	ND	ND
	cis-1,3-Dichloropropene													ND	ND	ND	ND
	Dibromochloromethane													ND	ND	ND	ND
	Dibromomethane													ND	ND	ND	ND
	Dichloromethane													ND	ND	ND	ND
	Ethylbenzene													ND	ND	ND	ND
	Methyl Iodide													ND	ND	ND	ND
	Methyl Tertiary Butyl Ether													ND	ND	ND	ND
	ortho-Xylene													ND	NT	NT	NT
	para-Xylene & meta-Xylene													ND	NT	NT	NT
	Styrene													ND	ND	ND	ND
	Tetrachloroethene													ND	ND	ND	ND
	Toluene													ND	ND	ND	ND
	trans-1,2-Dichloroethene													ND	ND	ND	ND
	trans-1,3-Dichloropropene													ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten													ND	ND	ND	ND
	Trichloroethene													ND	ND	ND	ND
	Trichlorofluoromethane													ND	ND	ND	ND
	Vinyl Acetate													ND	ND	ND	ND
	Vinyl Chloride													ND	ND	ND	ND
	Xylene (Total)													NT	ND	ND	ND

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Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
MW11A	1,1,1,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,1-Trichloroethane													ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,2-Trichloroethane													ND	ND	ND	ND
	1,1-Dichloroethane													ND	ND	ND	ND
	1,1-Dichloroethene													ND	ND	ND	ND
	1,2,3-Trichloropropane													ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan													ND	ND	ND	ND
	1,2-Dibromoethane													ND	ND	ND	ND
	1,2-Dichlorobenzene													ND	ND	ND	ND
	1,2-Dichloroethane													ND	ND	ND	ND
	1,2-Dichloropropane													ND	ND	ND	ND
	1,4-Dichlorobenzene													ND	ND	ND	ND
	2-Butanone													ND	ND	ND	ND
	2-Hexanone													ND	ND	ND	ND
	4-Methyl-2-Pentanone													ND	ND	ND	ND
	Acetone													ND	ND	ND	ND
	Acrylonitrile													ND	ND	ND	ND
	Benzene													ND	ND	ND	ND
	Bromochloromethane													ND	ND	ND	ND
	Bromodichloromethane													ND	ND	ND	ND
	Bromoform													ND	ND	ND	ND
	Bromomethane													ND	ND	ND	ND
	Carbon disulfide													ND	ND	ND	ND
	Carbon Tetrachloride													ND	ND	ND	ND
	Chlorobenzene													ND	ND	ND	ND
	Chloroethane													ND	ND	ND	ND
	Chloroform													ND	ND	ND	ND
	Chloromethane													ND	ND	ND	ND
	cis-1,2-Dichloroethene													ND	ND	ND	ND
	cis-1,3-Dichloropropene													ND	ND	ND	ND
	Dibromochloromethane													ND	ND	ND	ND
	Dibromomethane													ND	ND	ND	ND
	Dichloromethane													ND	ND	ND	ND
	Ethylbenzene													ND	ND	ND	ND
	Methyl Iodide													ND	ND	ND	ND
	Methyl Tertiary Butyl Ether													ND	ND	ND	ND
	ortho-Xylene													ND	NT	NT	NT
	para-Xylene & meta-Xylene													ND	NT	NT	NT
	Styrene													ND	ND	ND	ND
	Tetrachloroethene													ND	ND	ND	ND
	Toluene													ND	ND	ND	ND
	trans-1,2-Dichloroethene													ND	ND	ND	ND
	trans-1,3-Dichloropropene													ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten													ND	ND	ND	ND
	Trichloroethene													ND	ND	ND	ND
	Trichlorofluoromethane													ND	ND	ND	ND
	Vinyl Acetate													ND	ND	ND	ND
	Vinyl Chloride													ND	ND	ND	ND
	Xylene (Total)													NT	ND	ND	ND

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Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
MW11B	1,1,1,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,1-Trichloroethane													ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,2-Trichloroethane													ND	ND	ND	ND
	1,1-Dichloroethane													ND	ND	ND	ND
	1,1-Dichloroethene													ND	ND	ND	ND
	1,2,3-Trichloropropane													ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan													ND	ND	ND	ND
	1,2-Dibromoethane													ND	ND	ND	ND
	1,2-Dichlorobenzene													ND	ND	ND	ND
	1,2-Dichloroethane													ND	ND	ND	ND
	1,2-Dichloropropane													ND	ND	ND	ND
	1,4-Dichlorobenzene													ND	ND	ND	ND
	2-Butanone													ND	ND	ND	ND
	2-Hexanone													ND	ND	ND	ND
	4-Methyl-2-Pentanone													ND	ND	ND	ND
	Acetone													ND	ND	ND	ND
	Acrylonitrile													ND	ND	ND	ND
	Benzene													ND	ND	ND	ND
	Bromochloromethane													ND	ND	ND	ND
	Bromodichloromethane													ND	ND	ND	ND
	Bromoform													ND	ND	ND	ND
	Bromomethane													ND	ND	ND	ND
	Carbon disulfide													ND	ND	ND	ND
	Carbon Tetrachloride													ND	ND	ND	ND
	Chlorobenzene													ND	ND	ND	ND
	Chloroethane													ND	ND	ND	ND
	Chloroform													ND	ND	ND	ND
	Chloromethane													ND	ND	ND	ND
	cis-1,2-Dichloroethene													ND	ND	ND	ND
	cis-1,3-Dichloropropene													ND	ND	ND	ND
	Dibromochloromethane													ND	ND	ND	ND
	Dibromomethane													ND	ND	ND	ND
	Dichloromethane													ND	ND	ND	ND
	Ethylbenzene													ND	ND	ND	ND
	Methyl Iodide													ND	ND	ND	ND
	Methyl Tertiary Butyl Ether													ND	ND	ND	ND
	ortho-Xylene													ND	NT	NT	NT
	para-Xylene & meta-Xylene													ND	NT	NT	NT
	Styrene													ND	ND	ND	ND
	Tetrachloroethene													0.97	ND	ND	2.1
	Toluene													ND	ND	ND	ND
	trans-1,2-Dichloroethene													ND	ND	ND	ND
	trans-1,3-Dichloropropene													ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten													ND	ND	ND	ND
	Trichloroethene													ND	ND	ND	ND
	Trichlorofluoromethane													ND	ND	ND	ND
	Vinyl Acetate													ND	ND	ND	ND
	Vinyl Chloride													ND	ND	ND	ND
	Xylene (Total)													NT	ND	ND	ND

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

NEW MONITORING WELL
Sampling Started in Fall 2010

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

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
MW13A	1,1,1,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,1-Trichloroethane													ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,2-Trichloroethane													ND	ND	ND	ND
	1,1-Dichloroethane													17.90	25	ND	16
	1,1-Dichloroethene													ND	ND	ND	ND
	1,2,3-Trichloropropane													ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan													ND	ND	ND	ND
	1,2-Dibromoethane													ND	ND	ND	ND
	1,2-Dichlorobenzene													ND	ND	ND	ND
	1,2-Dichloroethane													1.86	ND	ND	ND
	1,2-Dichloropropane													4.80	**6.6**	4.4	**5.4**
	1,4-Dichlorobenzene													3.54	ND	ND	5.9
	2-Butanone													ND	ND	ND	ND
	2-Hexanone													ND	ND	ND	ND
	4-Methyl-2-Pentanone													ND	ND	ND	ND
	Acetone													0.72	ND	ND	ND
	Acrylonitrile													ND	ND	ND	ND
	Benzene													3.31	4.4	3.7	2.9
	Bromochloromethane													ND	ND	ND	ND
	Bromodichloromethane													ND	ND	ND	ND
	Bromoform													ND	ND	ND	ND
	Bromomethane													ND	ND	ND	ND
	Carbon disulfide													ND	ND	ND	ND
	Carbon Tetrachloride													ND	ND	ND	ND
	Chlorobenzene													1.01	ND	ND	ND
	Chloroethane													0.97	ND	ND	ND
	Chloroform													ND	ND	ND	ND
	Chloromethane													0.96	6.4	3.7	ND
	cis-1,2-Dichloroethene													**76.70**	**96**	ND	**97**
	cis-1,3-Dichloropropene													ND	ND	ND	ND
	Dibromochloromethane													ND	ND	ND	ND
	Dibromomethane													ND	ND	ND	ND
	Dichloromethane													**8.07**	**10**	**9.2**	3.2
	Ethylbenzene													ND	ND	ND	ND
	Methyl Iodide													ND	ND	ND	ND
	Methyl Tertiary Butyl Ether													0.61	3.1	ND	ND
	ortho-Xylene													ND	NT	NT	NT
	para-Xylene & meta-Xylene													ND	NT	NT	NT
	Styrene													ND	ND	ND	ND
	Tetrachloroethene													**22.20**	**17**	**25**	**28**
	Toluene													ND	ND	ND	ND
	trans-1,2-Dichloroethene													3.26	7.3	6.2	3.5
	trans-1,3-Dichloropropene													ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten													ND	ND	ND	ND
	Trichloroethene													**26.90**	**23**	**28**	**32**
	Trichlorofluoromethane													1.50	3.8	4.6	ND
	Vinyl Acetate													ND	ND	ND	ND
	Vinyl Chloride													**11.10**	**14**	**18**	**8.6**
	Xylene (Total)													NT	ND	ND	ND

NEW MONITORING WELL
Sampling Started in Fall 2010

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Note: MCL exceedances are indicated in Red

TABLE 2: Volatile Organic Compounds - Historical Results

Location	Parameter	2004-F	2005-S	2005-F	2006-S	2006-F	2007-S	2007-F	2008-S	2008-F	2009-S	2009-F	2010-S	2010-F	2011-S	2011-F	2012-S
MW13B	1,1,1,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,1-Trichloroethane													ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane													ND	ND	ND	ND
	1,1,2-Trichloroethane													ND	ND	ND	ND
	1,1-Dichloroethane													17.80	ND	ND	15
	1,1-Dichloroethene													ND	ND	ND	ND
	1,2,3-Trichloropropane													ND	ND	ND	ND
	1,2-Dibromo-3-chloropropan													ND	ND	ND	ND
	1,2-Dibromoethane													ND	ND	ND	ND
	1,2-Dichlorobenzene													0.54	ND	ND	ND
	1,2-Dichloroethane													3.11	ND	4.6	ND
	1,2-Dichloropropane													**6.54**	ND	**7.4**	**7.5**
	1,4-Dichlorobenzene													8.86	ND	ND	11
	2-Butanone													ND	ND	ND	ND
	2-Hexanone													ND	ND	ND	ND
	4-Methyl-2-Pentanone													ND	ND	ND	ND
	Acetone													0.87	35	ND	ND
	Acrylonitrile													ND	ND	ND	ND
	Benzene													**5.56**	ND	**6.3**	4.6
	Bromochloromethane													ND	ND	ND	ND
	Bromodichloromethane													ND	ND	ND	ND
	Bromoform													ND	ND	ND	ND
	Bromomethane													ND	ND	ND	ND
	Carbon disulfide													ND	ND	ND	ND
	Carbon Tetrachloride													ND	ND	ND	ND
	Chlorobenzene													1.63	ND	ND	ND
	Chloroethane													1.14	ND	ND	ND
	Chloroform													ND	ND	ND	ND
	Chloromethane													0.76	4.6	ND	ND
	cis-1,2-Dichloroethene													**101.00**	3.9	ND	**110**
	cis-1,3-Dichloropropene													ND	ND	ND	ND
	Dibromochloromethane													ND	ND	ND	ND
	Dibromomethane													ND	ND	ND	ND
	Dichloromethane													**8.50**	ND	**11**	4.2
	Ethylbenzene													ND	ND	ND	ND
	Methyl Iodide													ND	ND	ND	ND
	Methyl Tertiary Butyl Ether													0.96	ND	ND	ND
	ortho-Xylene													ND	NT	NT	NT
	para-Xylene & meta-Xylene													ND	NT	NT	NT
	Styrene													ND	ND	ND	ND
	Tetrachloroethene													**22.70**	ND	**27**	**30**
	Toluene													ND	ND	ND	ND
	trans-1,2-Dichloroethene													4.45	ND	7.3	4.3
	trans-1,3-Dichloropropene													ND	ND	ND	ND
	trans-1,4-Dichloro-2-buten													ND	ND	ND	ND
	Trichloroethene													**32.00**	ND	**28**	**32**
	Trichlorofluoromethane													1.71	ND	4.7	1.3
	Vinyl Acetate													ND	ND	ND	ND
	Vinyl Chloride													**17.20**	ND	**25**	**12**
	Xylene (Total)													NT	ND	ND	ND

NEW MONITORING WELL
Sampling Started in Fall 2010

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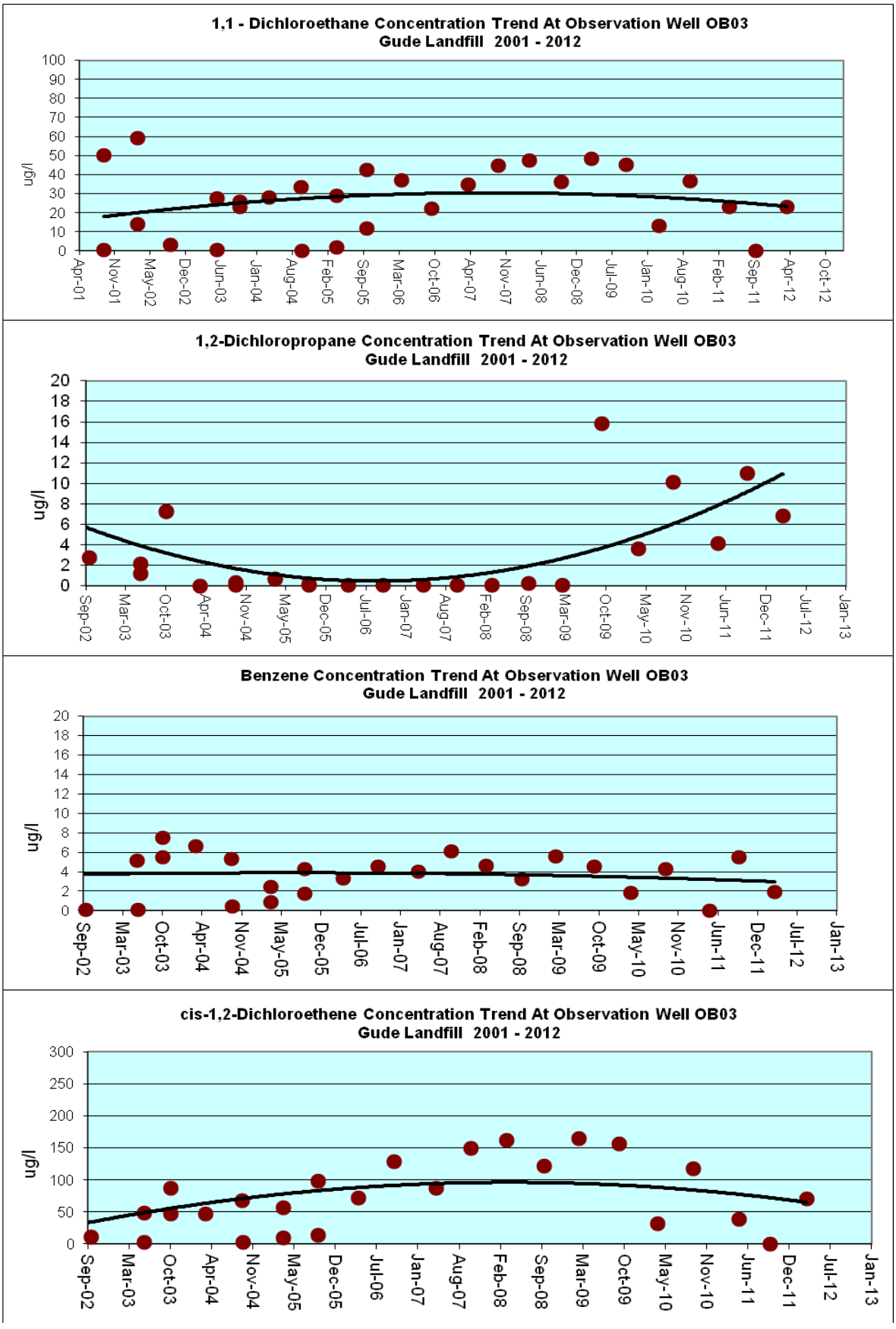
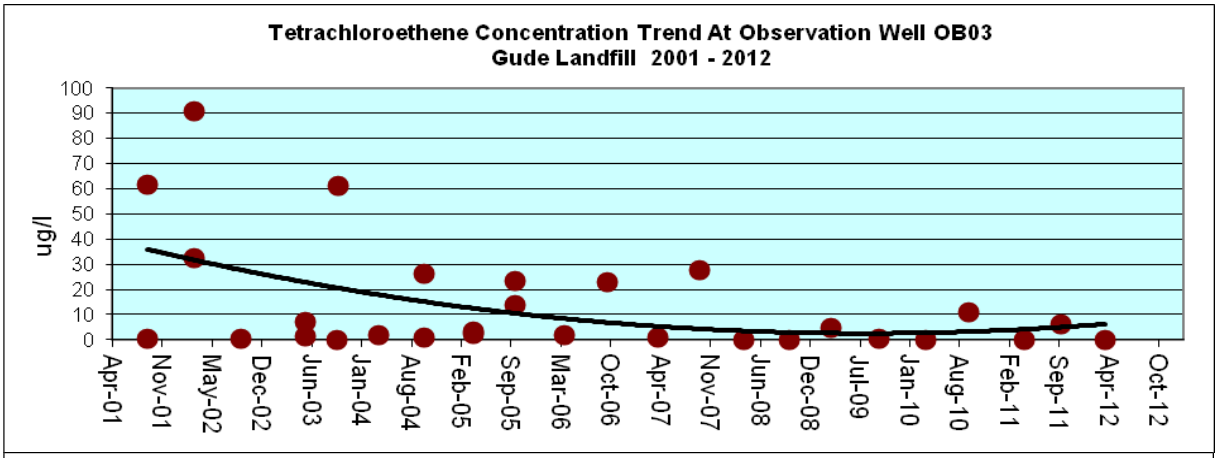
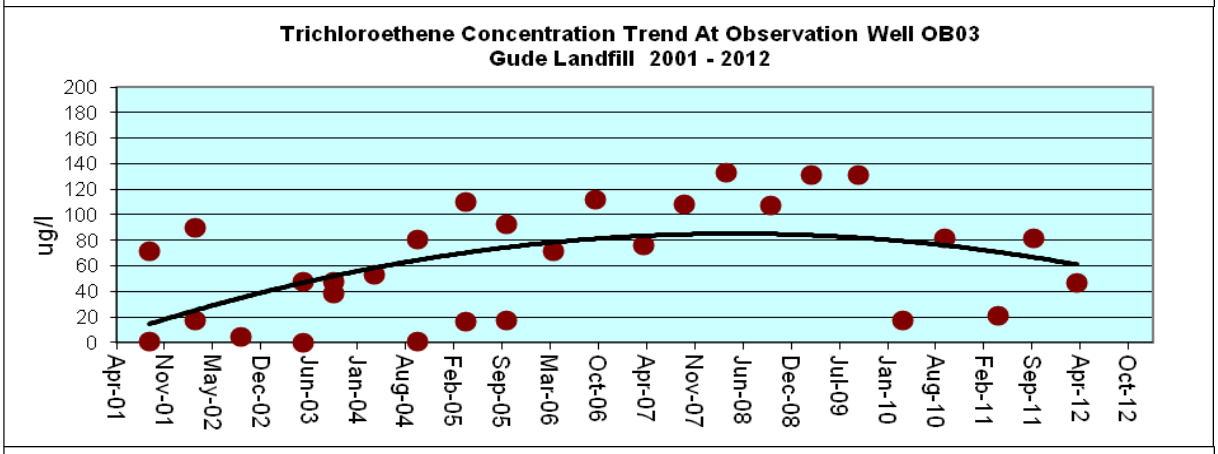
Appendix C

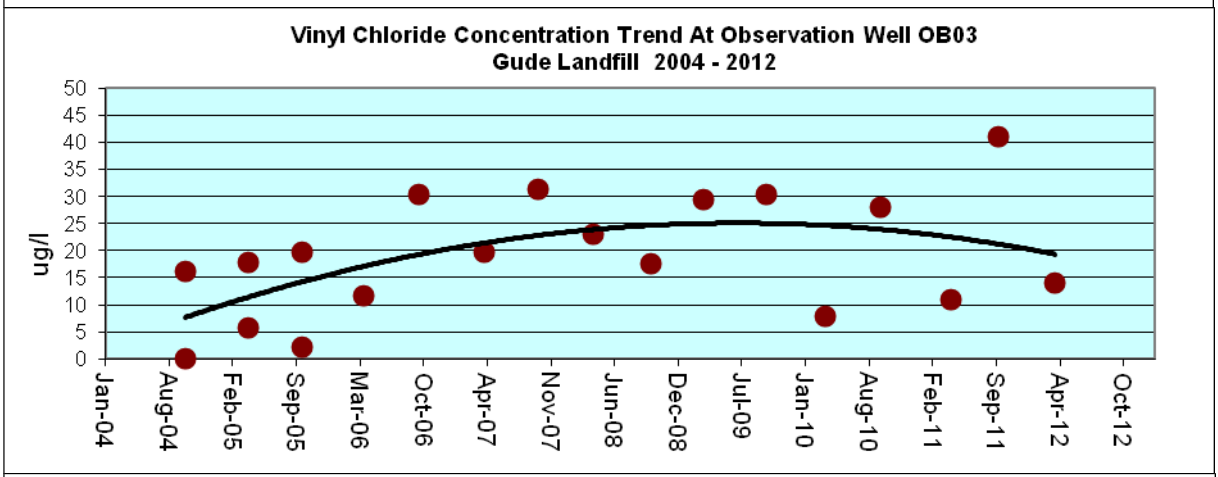
Volatile Organic Compounds

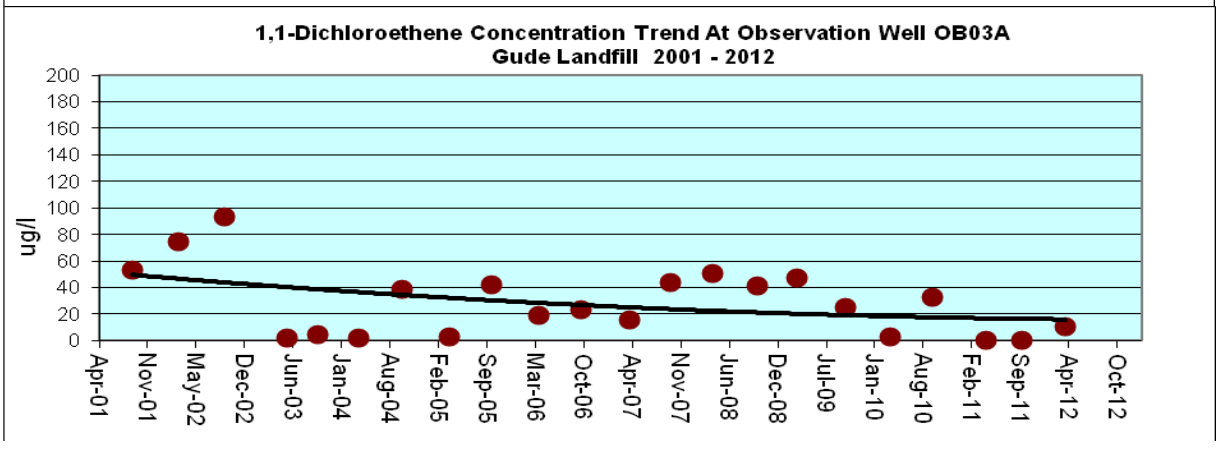
Trend Analysis

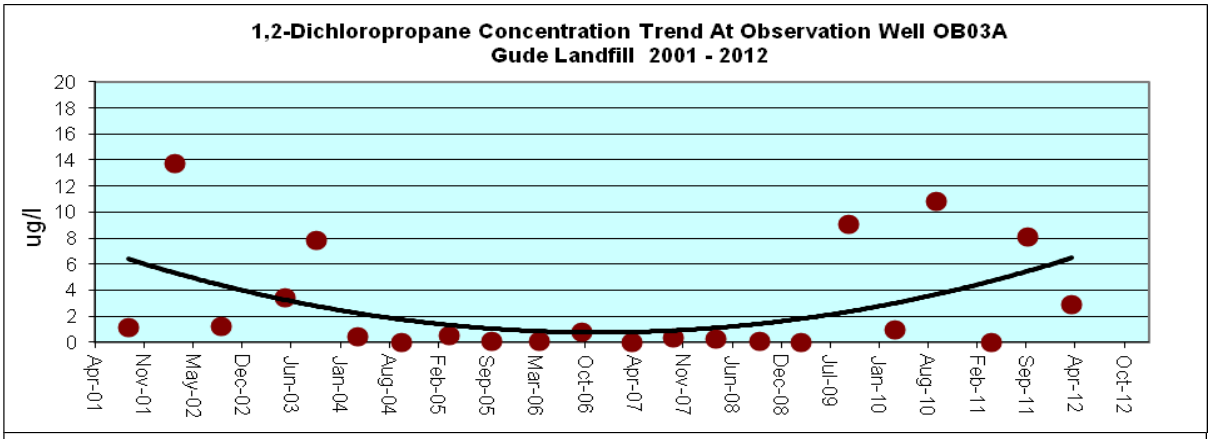

1,1 - Dichloroethane Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2012
ug/l
100
90
80
70
60
50
40
30
20
10
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12
1,2-Dichloropropane 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

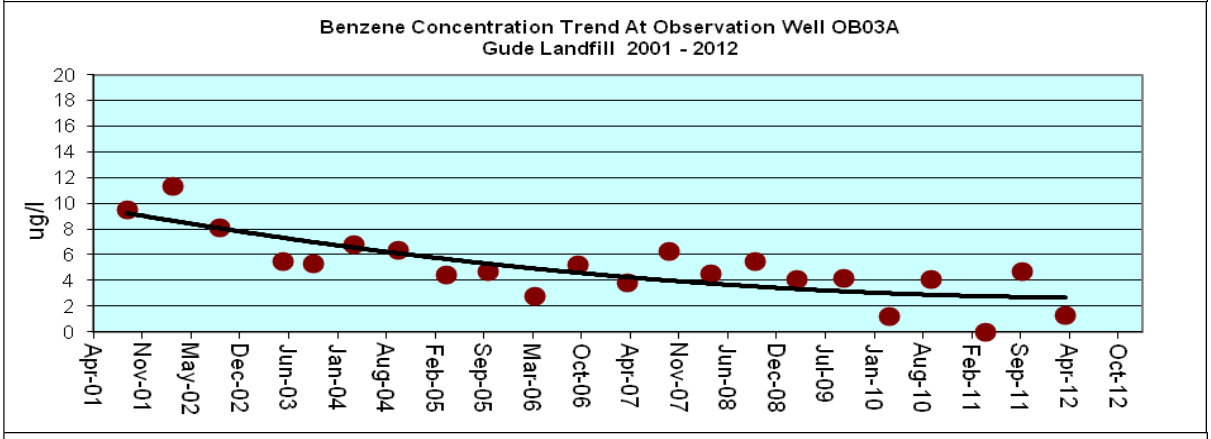

Tetrachloroethene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2012
ug/l
100
90
80
70
60
50
40
30
20
10
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

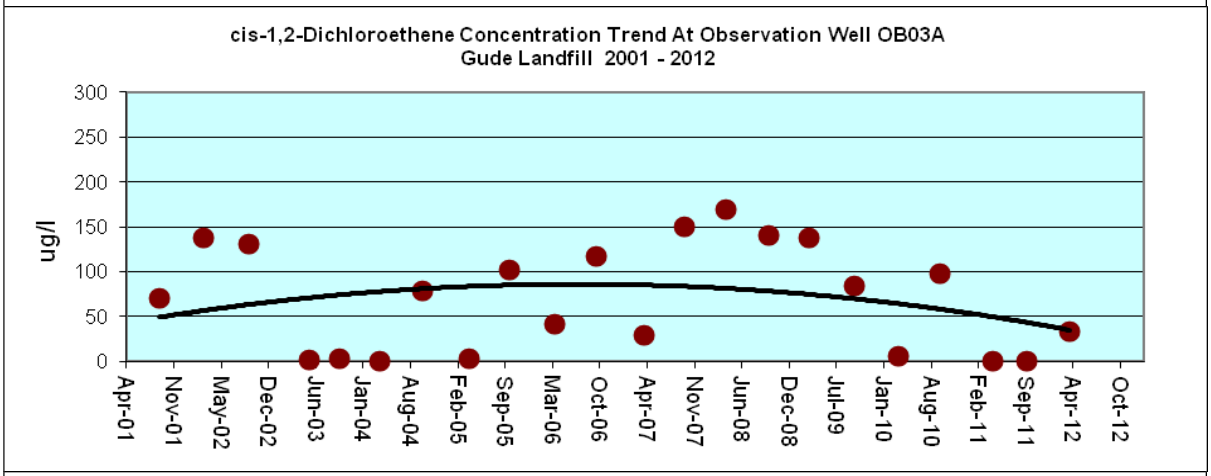

Trichloroethene Concentration Trend At Observation Well OB03
Gude Landfill 2001 - 2012
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

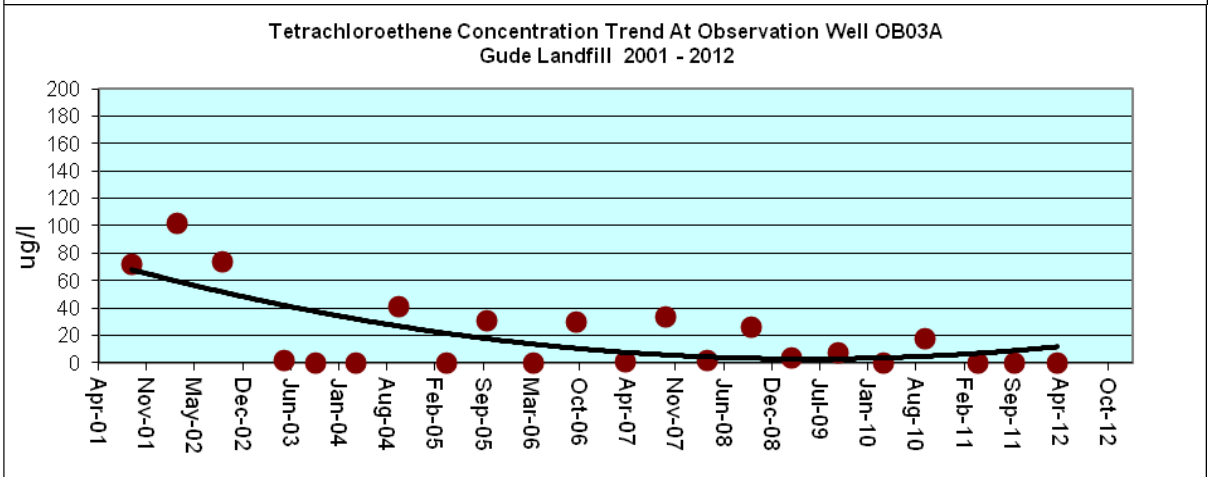

Vinyl Chloride Concentration Trend At Observation Well OB03
Gude Landfill 2004 - 2012
ug/l
50
45
40
35
30
25
20
15
10
5
0
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

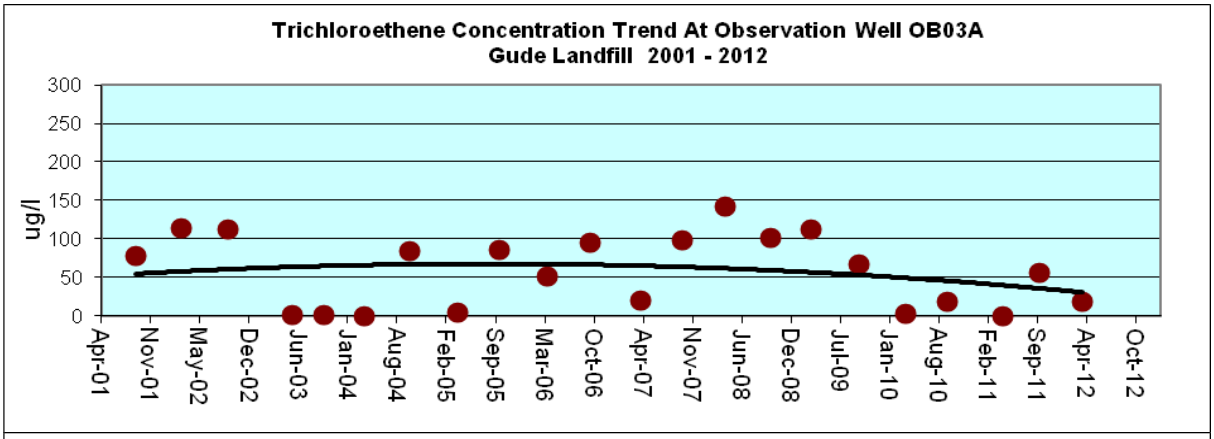

1,1-Dichloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2012
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

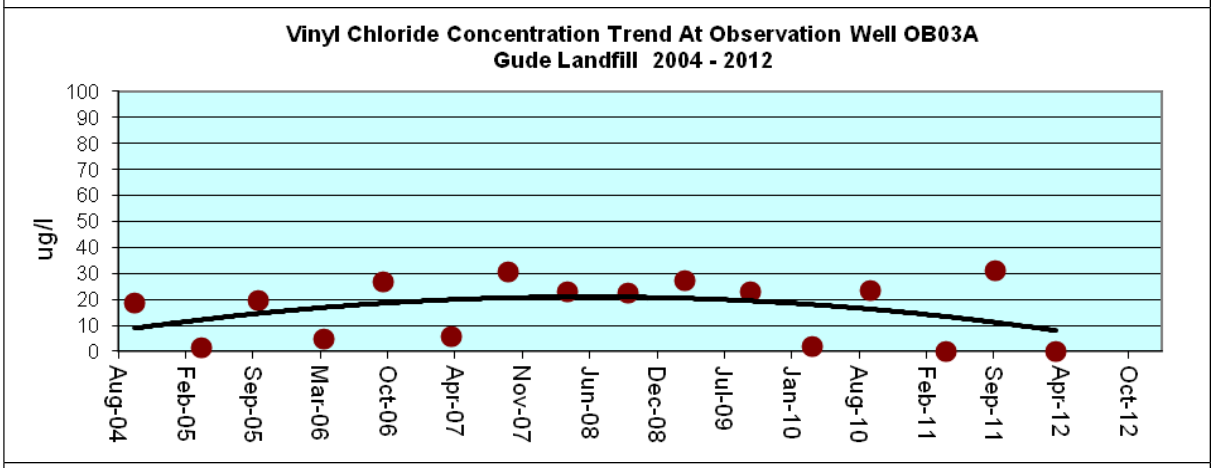

1,2-Dichloropropane Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2012
ug/l
0
2
4
6
8
10
12
14
16
18
20
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

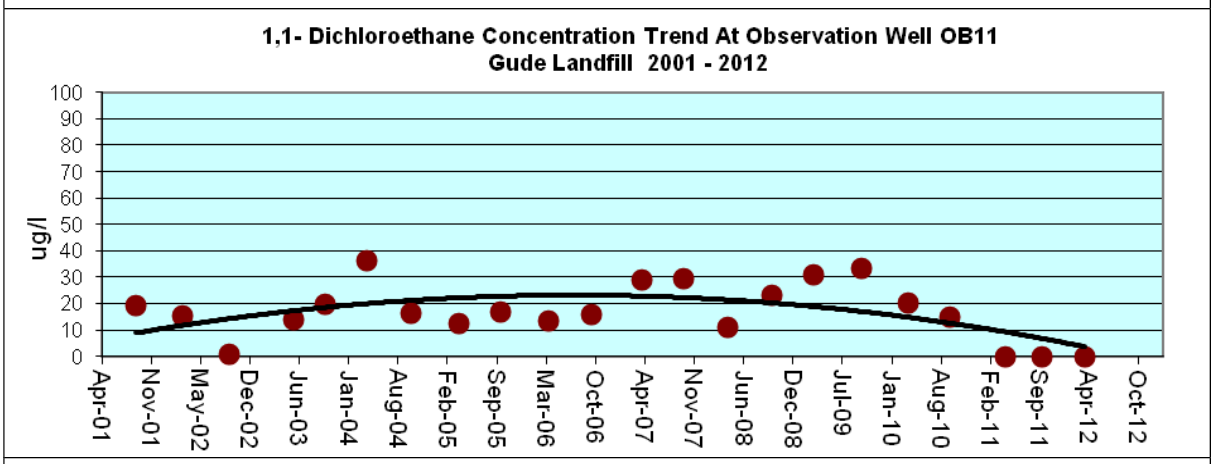

Benzene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2012
ug/l
0
2
4
6
8
10
12
14
16
18
20
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

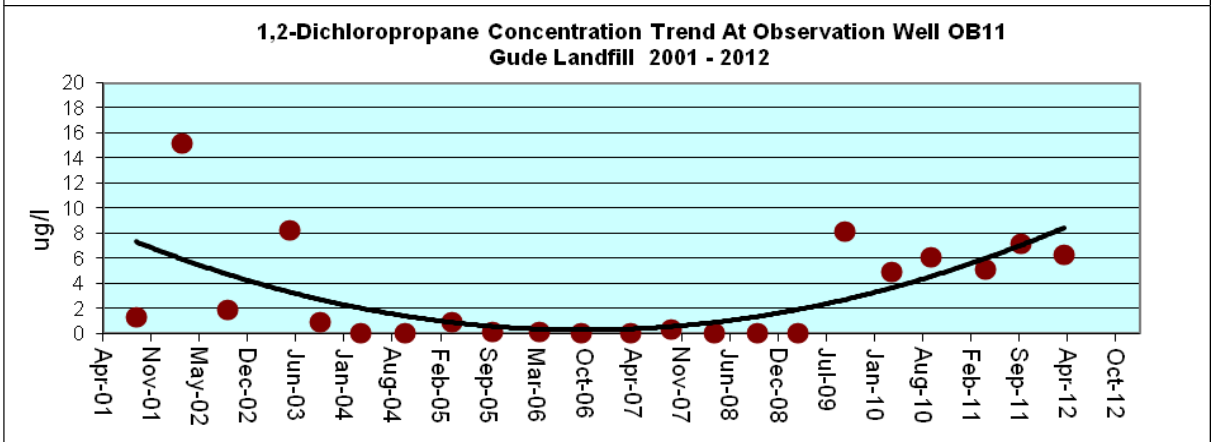

cis-1,2-Dichloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2012
ug/l
0
50
100
150
200
250
300
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

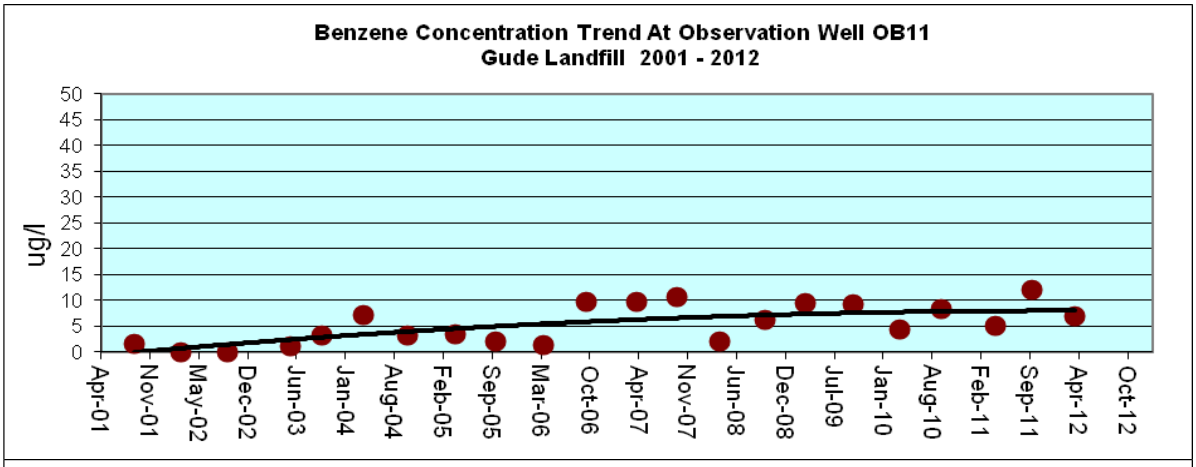

Tetrachloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2012
ug/l
0
20
40
60
80
100
120
140
160
180
200
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

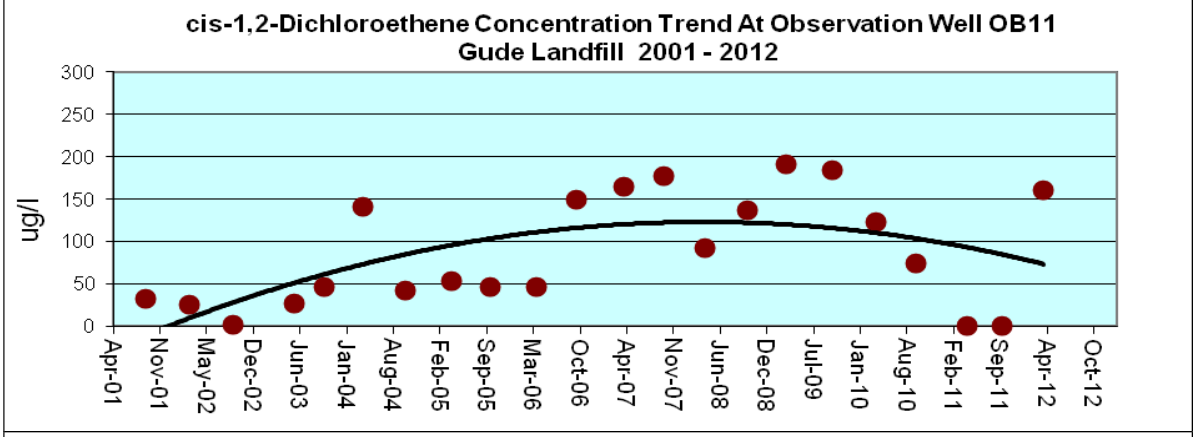

Trichloroethene Concentration Trend At Observation Well OB03A
Gude Landfill 2001 - 2012
ug/l
300
250
200
150
100
50
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

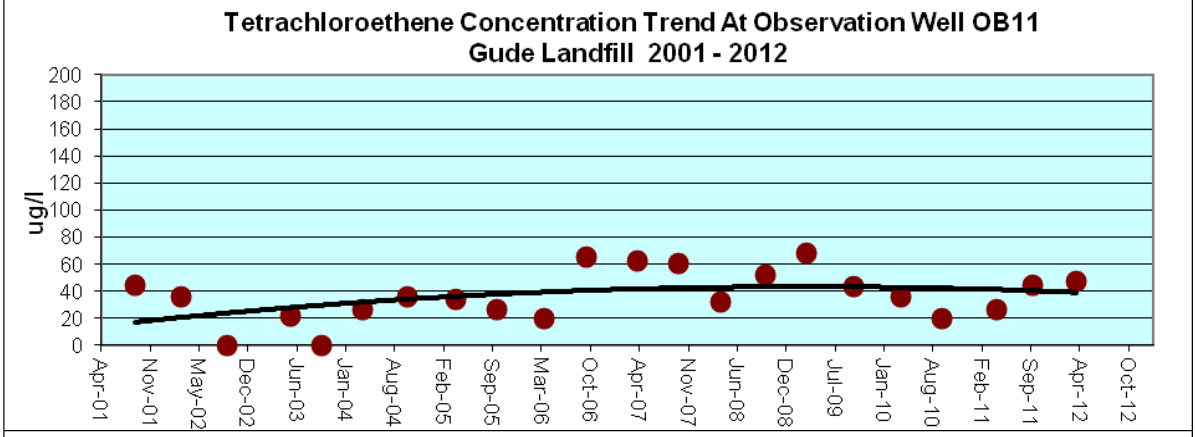

Vinyl Chloride Concentration Trend At Observation Well OB03A
Gude Landfill 2004 - 2012
ug/l
100
90
80
70
60
50
40
30
20
10
0
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

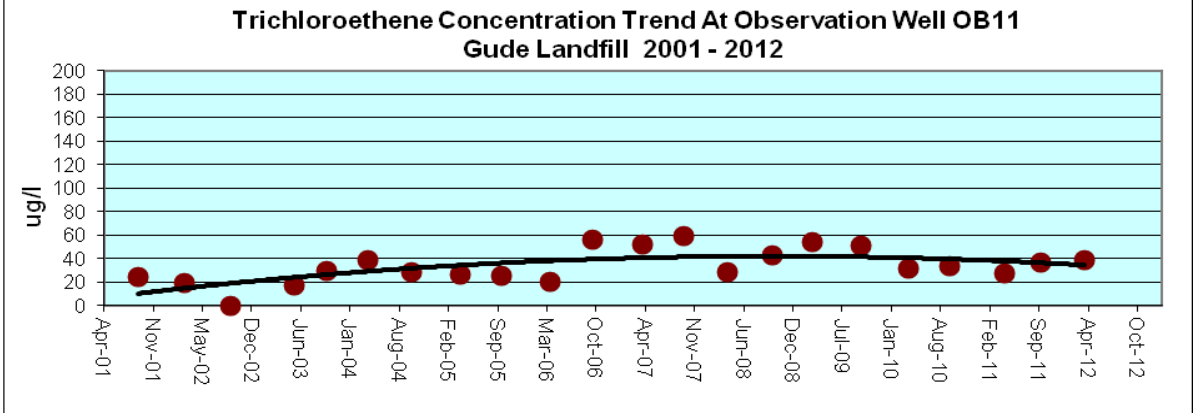

1,1- Dichloroethane Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2012
ug/l
100
90
80
70
60
50
40
30
20
10
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

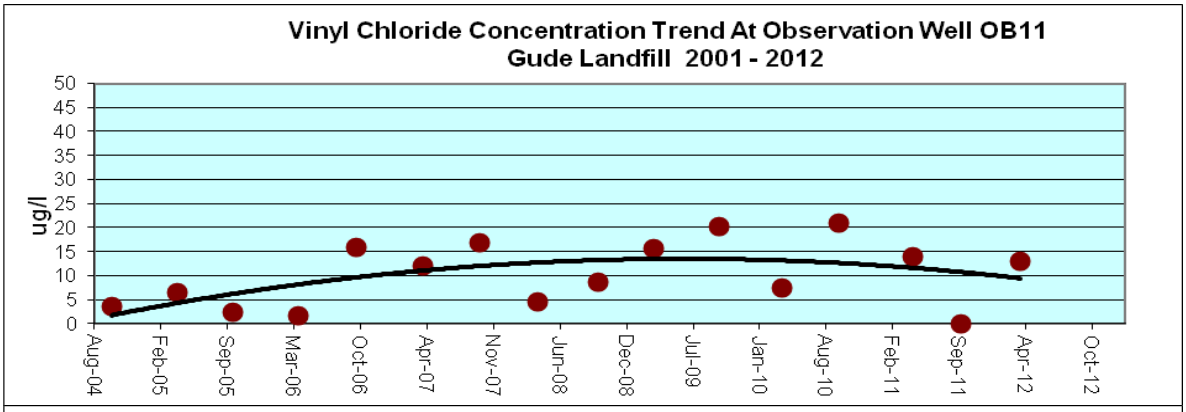

1,2-Dichloropropane Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2012
ug/l
20
18
16
14
12
10
8
6
4
2
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

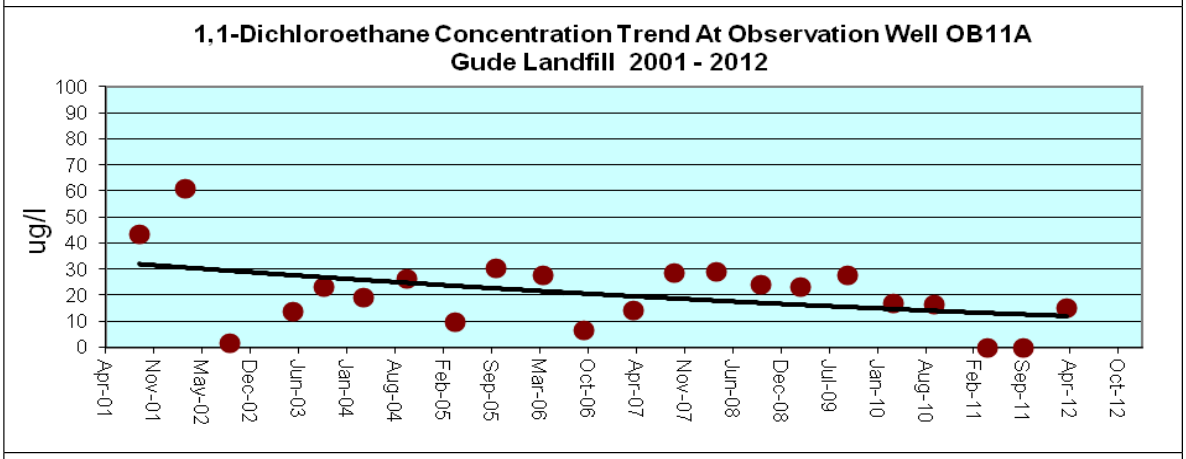

Benzene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2012
ug/l
0
5
10
15
20
25
30
35
40
45
50
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

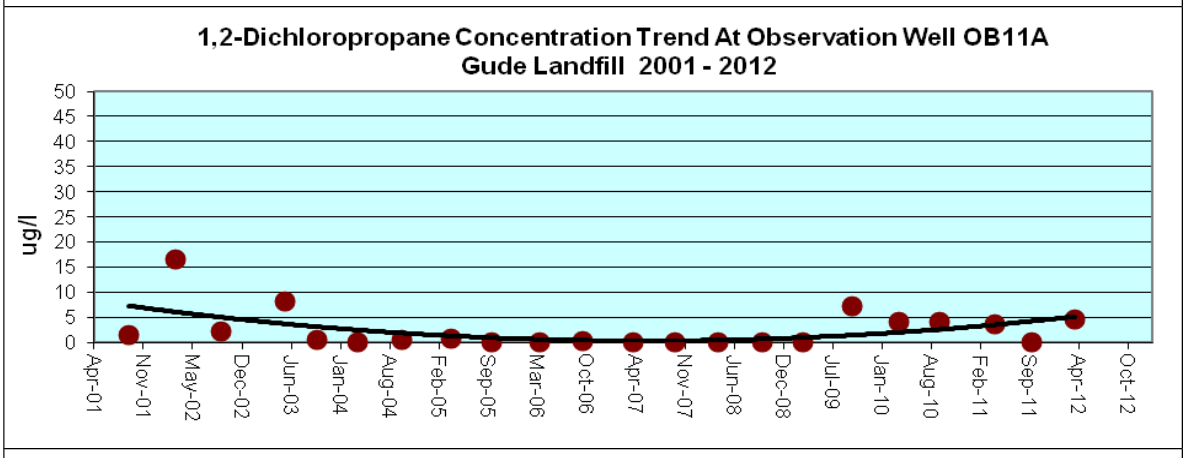

cis-1,2-Dichloroethene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2012
ug/l
0
50
100
150
200
250
300
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

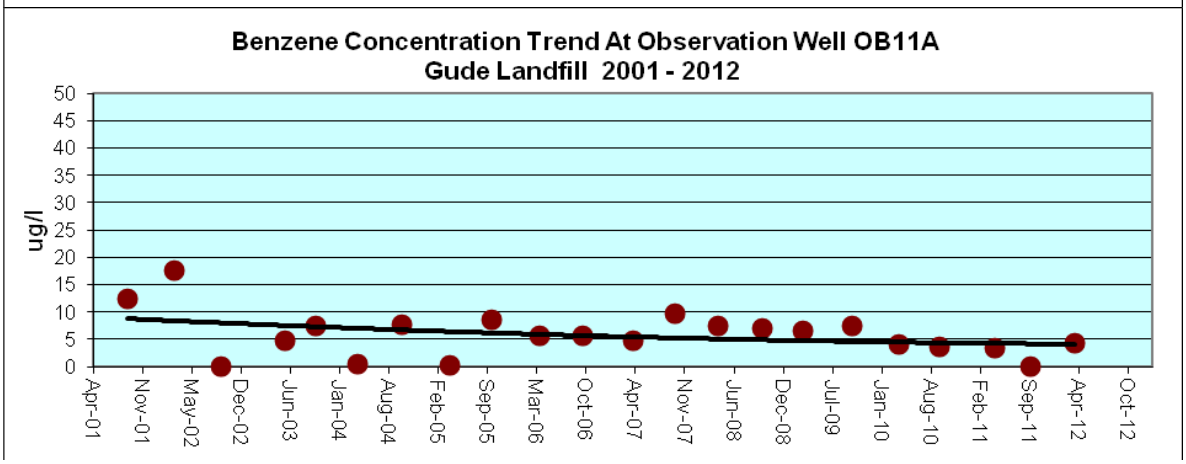

Tetrachloroethene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2012
ug/l
0
20
40
60
80
100
120
140
160
180
200
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

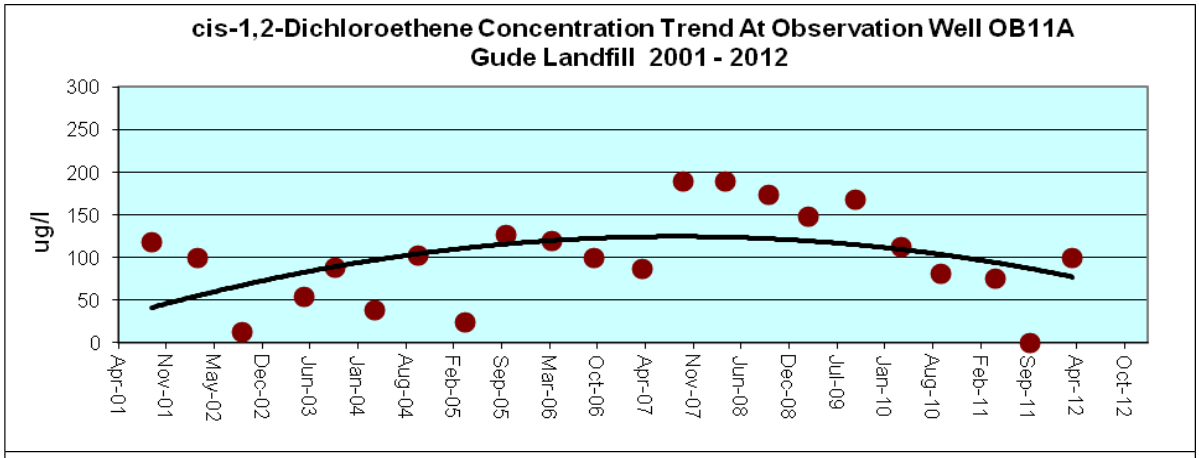

Trichloroethene Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2012
ug/l
0
20
40
60
80
100
120
140
160
180
200
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

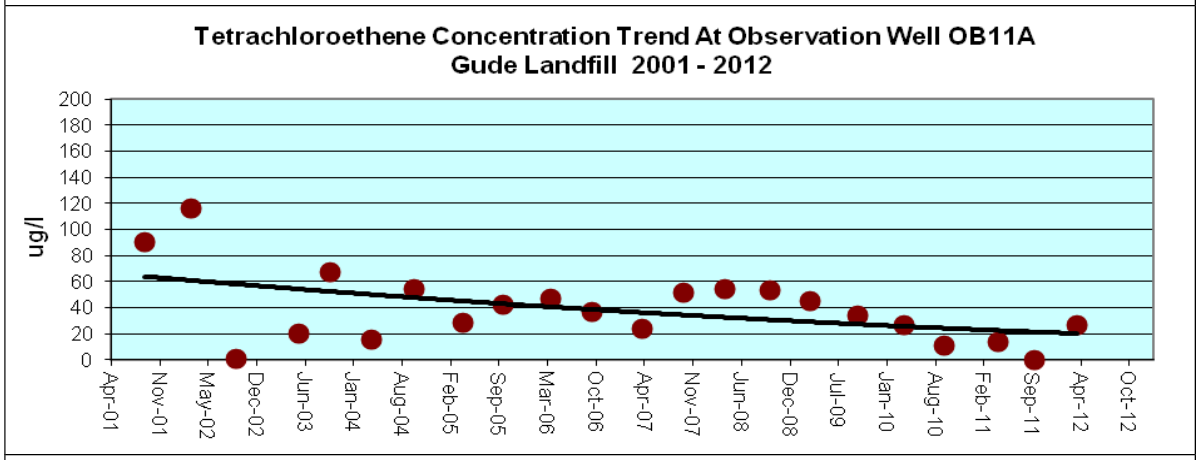

Vinyl Chloride Concentration Trend At Observation Well OB11
Gude Landfill 2001 - 2012
ug/l
0
5
10
15
20
25
30
35
40
45
50
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

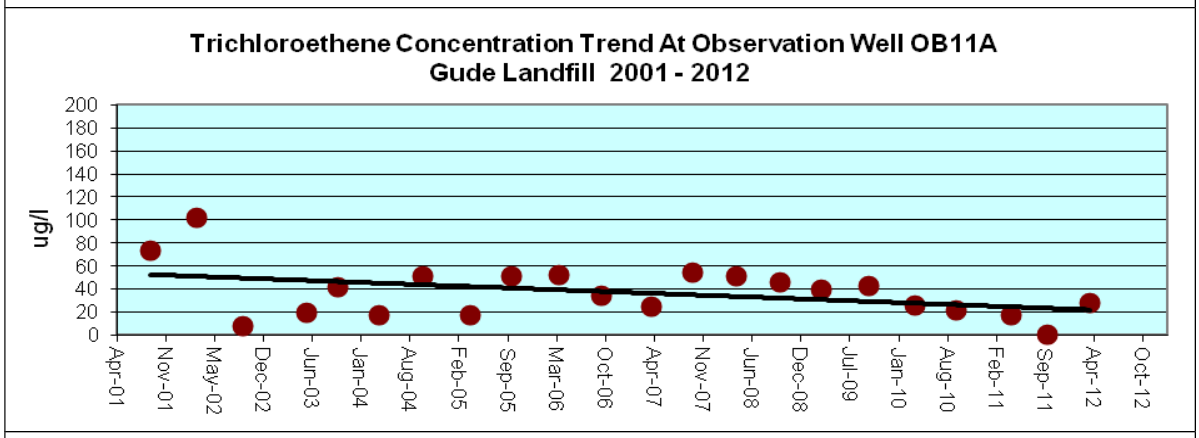

1,1-Dichloroethane Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2012
ug/l
0
10
20
30
40
50
60
70
80
90
100
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

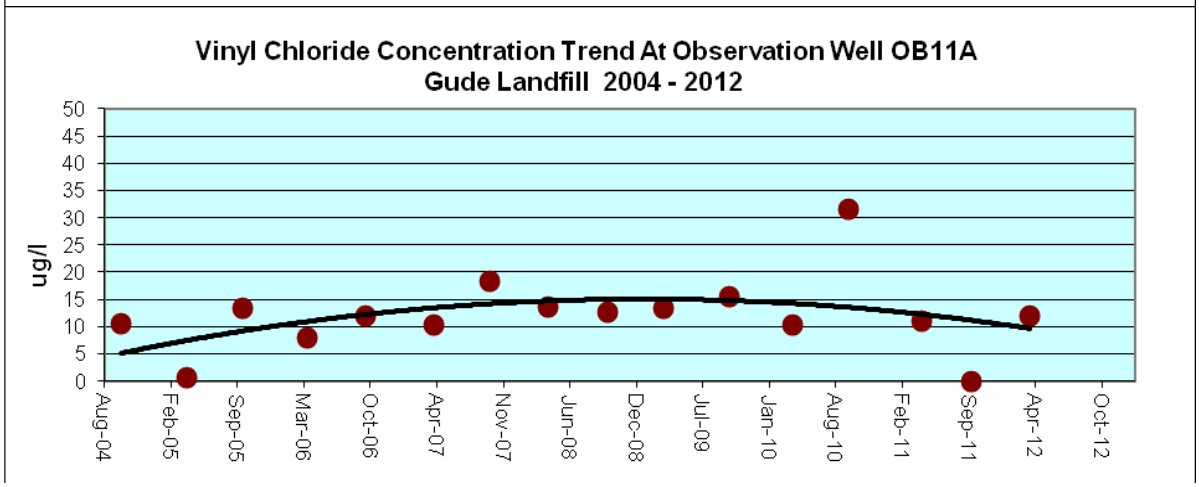

1,2-Dichloropropane Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2012
ug/l
0
5
10
15
20
25
30
35
40
45
50
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

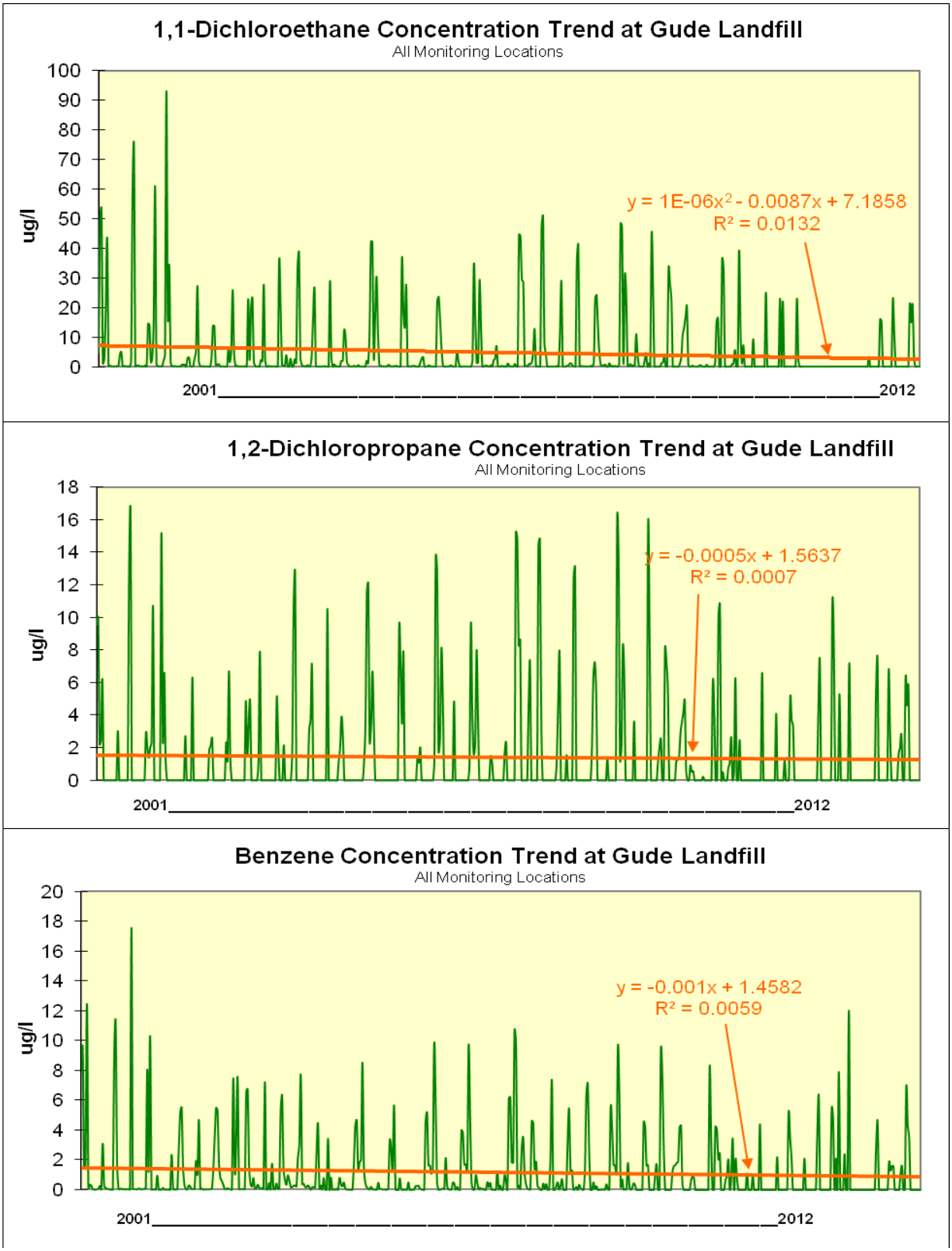

Benzene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2012
ug/l
0
5
10
15
20
25
30
35
40
45
50
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

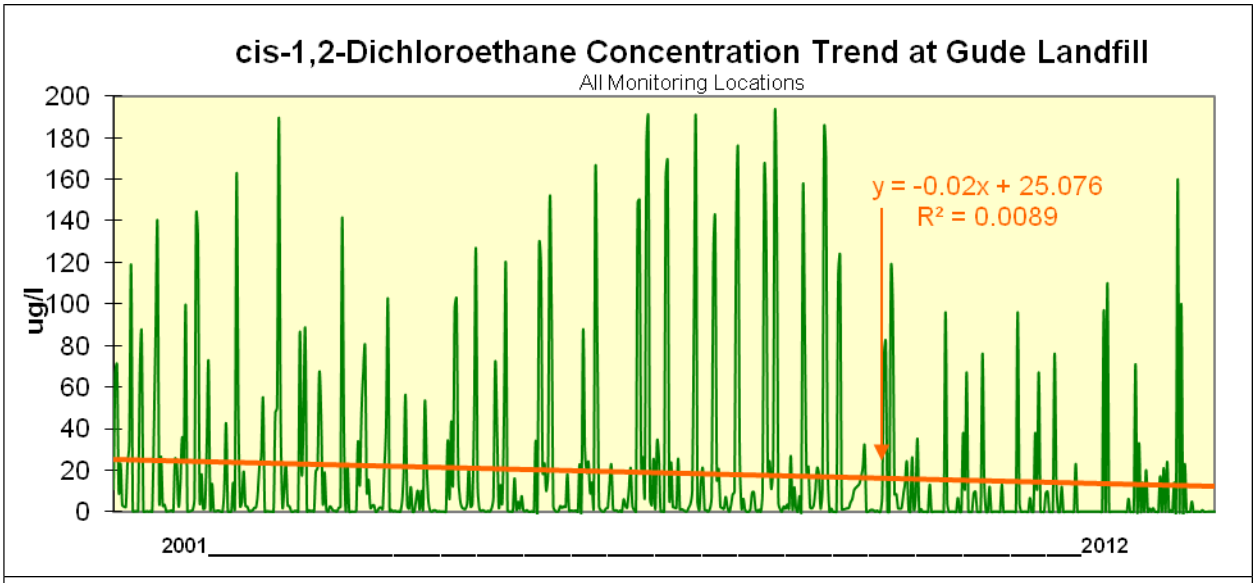

cis-1,2-Dichloroethene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2012
ug/l
300
250
200
150
100
50
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

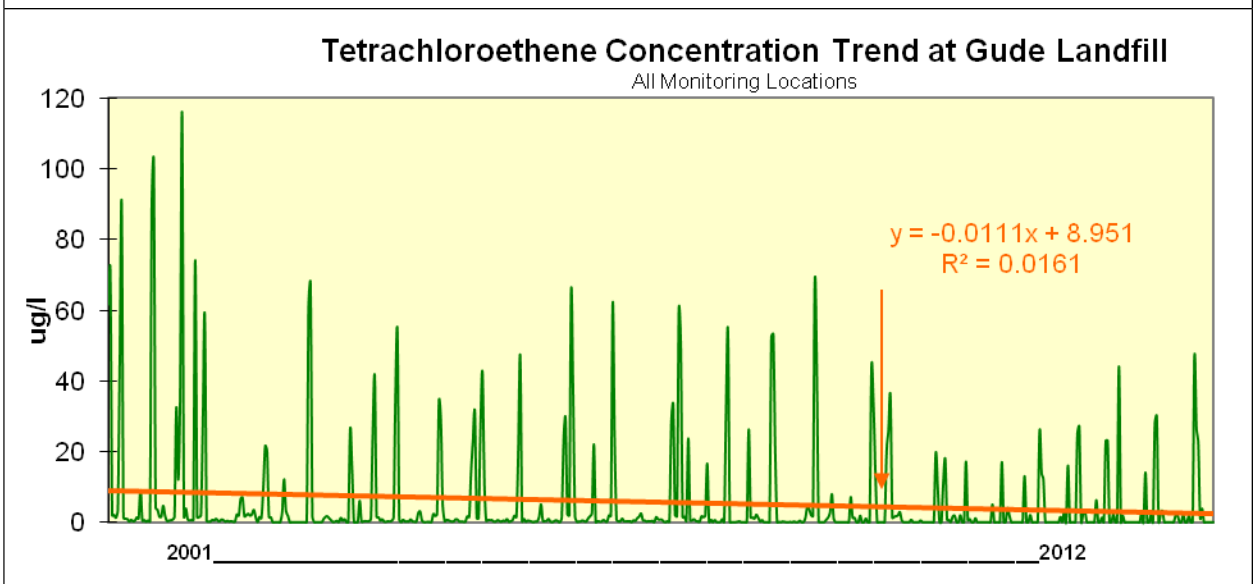

Tetrachloroethene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2012
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

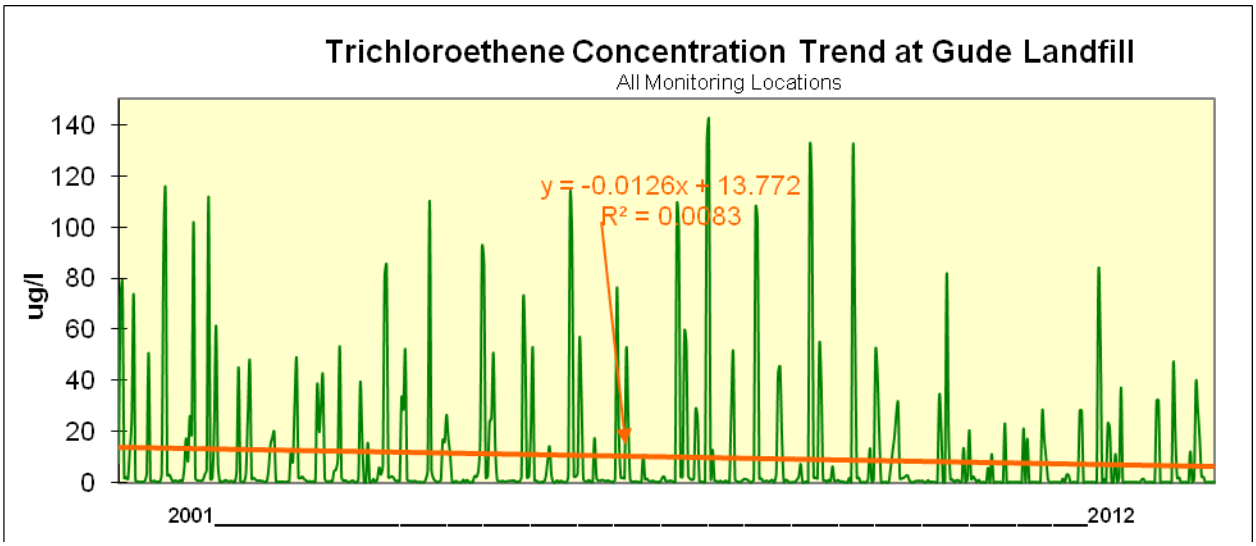

Trichloroethene Concentration Trend At Observation Well OB11A
Gude Landfill 2001 - 2012
ug/l
200
180
160
140
120
100
80
60
40
20
0
Apr-01
Nov-01
May-02
Dec-02
Jun-03
Jan-04
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12

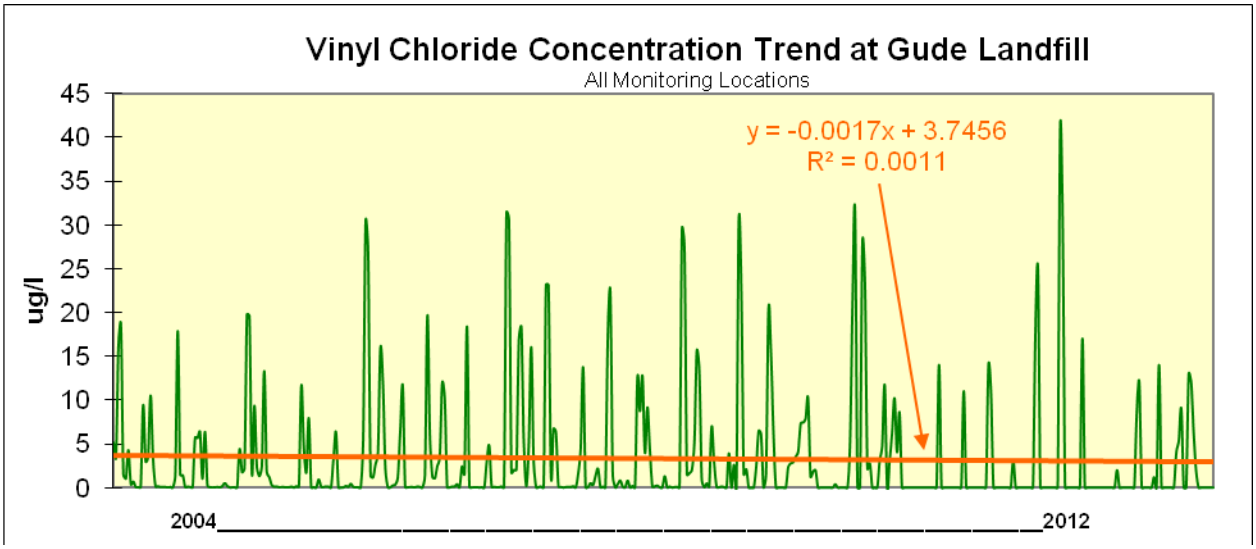

Vinyl Chloride Concentration Trend At Observation Well OB11A
Gude Landfill 2004 - 2012
ug/l
50
45
40
35
30
25
20
15
10
5
0
Aug-04
Feb-05
Sep-05
Mar-06
Oct-06
Apr-07
Nov-07
Jun-08
Dec-08
Jul-09
Jan-10
Aug-10
Feb-11
Sep-11
Apr-12
Oct-12


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 = 1E-06x² - 0.0087x + 7.1858
R² = 0.0132
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 = -0.001x + 1.4582
R² = 0.0059
2001
2012


cis-1,2-Dichloroethane Concentration Trend at Gude Landfill
All Monitoring Locations
y = -0.02x + 25.076
R² = 0.0089
ug/l
200
180
160
140
120
100
80
60
40
20
0
2001
2012


Tetrachloroethene Concentration Trend at Gude Landfill
All Monitoring Locations
y = -0.0111x + 8.951
R² = 0.0161
ug/l
120
100
80
60
40
20
0
2001
2012


Trichloroethene Concentration Trend at Gude Landfill
All Monitoring Locations
y = -0.0126x + 13.772
R² = 0.0083
ug/l
140
120
100
80
60
40
20
0
2001
2012


Vinyl Chloride Concentration Trend at Gude Landfill
All Monitoring Locations
y = -0.0017x + 3.7456
R² = 0.0011
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 - SPRING 2012 Results	Alkalinity	100	68	36	187	266	261	129	175	176	122	239	221	119	1056	51	217	279	116	51	249	99
	Ammonia	ND	ND	ND	3.48	6.15	0.667	0.218	ND	ND	ND	ND	ND	ND	11.6	16.3	ND	1.11	ND	ND	0.731	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	**0.015**	ND	ND	ND	ND	ND	ND
	Barium	0.214	0.07	0.356	0.697	0.51	0.281	0.061	0.221	0.026	0.041	0.129	0.074	0.057	0.355	0.601	0.03	0.183	0.017	0.072	0.146	0.037
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.011**	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.011**	**0.01**	ND	ND	ND	ND	ND
	Calcium	81.24	28.37	94	74.4	76	173	124	142	108	82.9	70.8	53.3	48.1	115	160	132	93.4	38.3	16.5	73.3	31.2
	Chloride	322	49.9	334	222	245	473	531	383	199	244	42.8	55.5	100	602	356	407	300	76.9	3.95	73.5	157
	Chromium	ND	ND	ND	ND	ND	ND	ND	0.013	ND	ND	ND	ND	ND	ND	**0.166**	ND	ND	ND	ND	0.03	ND
	Cobalt	0.022	ND	ND	0.063	0.057	ND	ND	0.007	ND	ND	0.008	0.017	0.005	0.073	0.2	ND	0.025	ND	ND	0.039	ND
	COD	5.4	ND	ND	24.3	31.1	34.1	33	44	11.7	16.9	9.9	8.6	7.5	227	140	32.8	30.4	8.1	ND	18.6	22.8
	Copper	0.012	0.006	0.005	0.008	0.01	0.038	0.03	0.031	0.009	0.006	ND	0.008	ND	0.051	0.293	0.009	0.006	0.005	0.007	0.037	0.008
	Iron	1.6	1.18	0.396	23.68	29.85	0.804	1.12	12.2	0.957	0.458	0.74	3.44	0.975	0.945	253	0.726	1.05	ND	6.6	31.7	0.846
	Lead	ND	ND	ND	ND	ND	ND	ND	0.008	ND	ND	ND	ND	ND	ND	**0.073**	ND	ND	ND	ND	0.008	ND
	Magnesium	48.58	11.97	53.1	42.7	52.7	88.9	88.8	61.3	33.6	48.3	17.7	21.8	25.8	97.4	168	67.4	69.9	24.5	21.3	57.7	12
	Manganese	6.33	0.919	0.045	19.6	13.7	2.07	1.01	0.592	0.113	0.068	6.84	7.53	3.15	21.2	6.03	0.758	6.29	0.114	1.28	7.21	0.245
	Mercury	4E-04	ND	ND	3E-04	ND	ND	ND	5E-04	3E-04	0.001	ND	ND	ND	ND	**0.006**	1E-03	ND	ND	ND	0.001	ND
	Nickel	0.041	ND	0.014	0.022	0.019	0.018	0.023	0.021	ND	ND	0.009	0.008	0.009	0.093	0.283	0.034	0.019	0.009	0.015	0.047	0.007
	Nitrate	1.56	ND	0.582	ND	ND	ND	ND	0.708	0.823	0.97	ND	ND	ND	ND	ND	ND	ND	1.26	ND	ND	0.799
	Nitrate+Nitrite	1.57	ND	0.592	ND	ND	ND	ND	0.905	0.875	1.02	ND	ND	ND	ND	ND	ND	ND	1.27	ND	ND	0.849
	Nitrite	ND	ND	ND	ND	ND	ND	ND	0.197	0.052	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	5.62	6.94	5.41	5.78	6.04	5.65	5.57	5.76	6.55	5.86	6.22	6.07	6.05	6.64	6.55	5.41	5.59	5.51	5.5	7	7.55
	Potassium	4.57	3.76	4.82	7.95	13.1	7.03	5.73	7.39	3.4	2.45	2.85	2.79	3.02	39.9	58.6	5.13	6.41	3.26	2.12	10.7	4.16
	Selenium	ND	ND	ND	0.005	0.006	0.032	0.037	0.012	0.005	0.006	ND	ND	ND	0.017	0.02	ND	ND	ND	ND	0.005	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	77.79	15.64	37.5	58.9	91	73.3	95	94.3	24.5	28.6	28	32.9	18.2	532	226	68	99.4	30	29.2	43.9	108
	Spec. Cond.	1218	302.2	1120	1140	1379	1817	1752	1600	937.2	994.7	559.9	579.1	544.8	3558	3025	1559	1405	497.1	323.1	627.7	703.9
	Sulfate	26.1	4.51	18.4	28.5	41.8	19.5	11.1	76.8	20.2	24.3	4.76	ND	ND	55.4	312	11.2	15.8	12	93.2	44.1	8.46
	TDS	876	252	824	888	952	1632	1508	1156	708	748	348	364	480	2268	1776	1404	1048	340	272	568	392
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Hardness	420	116	414	400	420	714	622	582	412	408	236	252	210	640	960	596	500	194	140	356	122
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Vanadium	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	ND	ND	ND	0.363	ND	ND	ND	ND	0.024	ND
	Zinc	0.016	0.006	0.007	0.018	0.014	0.007	0.023	0.055	0.006	ND	0.006	0.01	0.007	0.013	0.975	0.045	0.021	0.005	0.097	0.112	0.016

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

Table 3
Metals and Other Water Quality Parameters

Monitoring Location	Parameter	ST120	ST65	ST70	ST80	MW1B	MW2A	MW2B	MW3A	MW3B	MW04	MW06	MW07	MW08	MW09	MW10	MW11A	MW11B	MW12	MW13A	MW13B
Gude Landfill - SPRING 2012 Results	Alkalinity	52	237	128	34	58	46	40	24	111	56	238	42	166	34	65	33	68	12	227	742
	Ammonia	ND	ND	0.383	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	0.04	0.048	0.071	0.035	0.008	0.021	0.006	0.223	0.099	0.072	0.365	0.058	0.12	0.068	0.116	0.138	0.025	0.635	0.687	0.075
	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	**0.006**	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	23.3	30.6	56.8	14.2	8.77	10.5	9.89	17.2	42.3	40.4	78.7	41.7	70.1	10.48	16.1	11.4	14.3	65.2	29.1	91.2
	Chloride	110	136	122	45.8	2.75	2.65	ND	5.28	3.49	145	243	70.3	198	12.1	8.31	4.17	4.9	348	86.1	89.5
	Chromium	ND	ND	0.023	ND	0.009	0.04	ND	0.082	0.041	0.008	0.007	ND	ND	0.009	0.01	0.035	ND	0.018	0.085	ND
	Cobalt	ND	ND	ND	ND	ND	0.014	ND	0.04	0.012	ND	0.374	0.007	ND	ND	0.005	0.014	ND	ND	0.068	ND
	COD	9.7	32.6	17.2	10.3	ND	ND	ND	6.3	6.7	3.1	ND	14.6	11.5	ND	4.4	ND	ND	6.1	10.1	12.1
	Copper	0.009	0.008	0.01	0.006	0.01	0.028	0.006	0.122	0.04	0.015	0.024	0.012	0.008	0.008	0.027	0.045	0.007	0.017	0.197	ND
	Iron	0.474	0.507	1.36	0.741	2.22	1.27	ND	86.1	19.4	7.69	4.76	0.478	1.15	3.05	9	22.56	1.37	4.09	108	0.498
	Lead	ND	ND	ND	ND	ND	ND	ND	**0.044**	0.014	ND	0.014	ND	ND	ND	ND	0.007	ND	ND	**0.033**	ND
	Magnesium	11.5	29	16.5	7.92	5.74	3.59	2.44	28.1	11.7	25.5	56.3	25.7	40.5	7.22	9.78	11.7	7.72	32.7	47	32.2
	Manganese	0.085	0.086	0.436	0.079	0.054	0.148	0.039	1.17	0.371	0.549	44.4	0.681	0.01	0.242	0.158	0.451	0.035	0.155	1.88	0.038
	Mercury	ND	ND	ND	ND	ND	6E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.003**	ND
	Nickel	0.008	0.009	0.008	ND	0.008	0.032	0.005	0.075	0.036	0.016	0.043	0.007	0.007	0.009	0.011	0.031	ND	0.021	0.077	0.006
	Nitrate	1.33	0.621	1.489	1.68	ND	ND	ND	ND	ND	0.47	ND	**29.09**	**14.79**	1.47	ND	1.29	2.56	4.43	1.97	1.88
	Nitrate+Nitrite	1.38	0.631	2	1.73	ND	ND	ND	ND	ND	0.48	ND	29.1	14.8	1.48	ND	1.34	2.57	4.44	2.02	1.89
	Nitrite	ND	ND	0.511	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	pH	7.38	7.56	8.51	8.08	6.12	6.08	5.39	5.85	8.47	5.96	5.86	5.62	6.59	5.08	5.8	5.51	6.36	4.8	4.93	5.88
	Potassium	2.25	13.8	13.1	2.57	1.36	2.12	1.66	15	7.83	4.51	3.63	3.09	11.8	2.09	2.78	4.85	1.12	4.49	22.6	3.5
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	65.1	136	77.1	28.2	8.88	10.4	8.64	4.33	48.6	29.7	70.9	22.7	106	4.26	8.54	4.66	9.38	96.2	15.1	18.9
	Spec. Cond.	489.4	872.7	691	234.2	97.9	118.1	76	41.4	223.9	587.4	1228	601.2	1154	105.1	144.6	93.3	156	1142	362.1	713.4
	Sulfate	7.76	25.4	41.4	5.77	ND	ND	ND	ND	65.7	ND	43.4	5.6	67.4	ND	8.02	5.83	ND	13.9	ND	7.55
	TDS	284	532	448	168	92	84	92	112	268	528	976	528	776	80	116	64	132	1012	392	560
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Hardness	98	178	188	58	60	32	30	50	114	188	470	198	332	50	68	52	62	276	164	334
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Vanadium	ND	ND	ND	ND	ND	ND	ND	0.1	0.022	ND	0.005	ND	ND	ND	0.024	0.043	0.006	ND	0.238	ND
	Zinc	0.011	0.005	0.014	0.006	0.018	0.037	0.008	0.235	0.072	0.031	0.062	0.015	0.01	0.024	0.034	0.079	0.011	0.039	0.231	0.005

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Table 4
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Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB01	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	104	95	103	93	112	100
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Barium	0.1027	0.0588	0.1456	0.036	0.1325	0.1065	0.1459	0.1381	0.1348	0.1286	NT	0.1465	0.164	0.162	0.169	0.182	0.191	0.214
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	64.9	67.6	68.2	76.2	73.8	81.24
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	196	204	241	262	291	322
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0054	ND	0.0069	ND	0.007	0.0036	0.0051	0.0094	0.0039	0.0071	NT	ND	0.009	0.0084	0.0101	0.0147	0.0289	0.0219
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	5.1	6.9	ND	5.4
	Copper	0.0103	ND	0.0114	0.0105	0.0149	0.0107	0.0069	0.0104	0.0071	0.0072	NT	ND	0.007	0.0096	0.0094	0.0063	0.00645	0.0119
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	330	320	350	364	390	420
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	0.469	0.837	0.515	1.6
	Lead	ND	ND	ND	ND	ND	0.0025	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	0.0054	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	36	40.3	38.9	45.3	46.3	48.58
	Manganese	0.7486	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
	Mercury	ND	ND	ND	ND	ND	ND	ND	0.0004	ND	ND	NT	ND	ND	ND	ND	ND	ND	0.00036
	Nickel	0.0088	0.0033	0.0125	0.0035	0.0151	0.0131	0.0177	0.0194	0.0182	0.0152	NT	0.0182	0.026	0.0264	0.0304	0.0307	0.0381	0.0406
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.67	1.94	1.907	1.79	1.34	1.56
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.82	5.08			5.51	5.62
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.52	3.64	3.36	3.81	3.78	4.57
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	47.4	54.5	51.8	58.2	66.3	77.79
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	855.9	920.7			980.9	1218
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	26.4	24.9	26.6	26.8	28.8	26.1
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	776	912	1176	856	1116	876
	Thallium	ND	ND	ND	ND	0.0013	ND	ND	ND	ND	ND	NT	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
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	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

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Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB02	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	67	57	72	70	72	68
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Barium	0.1579	0.1567	0.1684	0.1443	0.1971	0.1508	0.2539	0.2817	0.2464	0.1635	0.1338	0.1568	0.296	0.344	0.126	0.531	0.0771	0.0702
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	60.6	73.9	39.1	72.2	28.2	28.37
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	212	264	90	47.3	51.1	49.9
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.003	ND	0.0034	ND	0.0055	ND	0.0049	0.0065	ND	ND	ND	ND	0.0057	0.0071	ND	0.0587	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Copper	ND	0.0106	0.0154	0.0176	0.0267	0.0101	0.0054	0.008	0.0192	0.0052	0.0074	0.0055	0.006	0.0103	0.0069	ND	ND	0.00631
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	350	376	169	130	125	116
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.66	2.59	0.818	25.2	0.768	1.18
	Lead	ND	ND	ND	ND	0.0049	0.0022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	32.2	43.3	17.7	59.3	12.1	11.97
	Manganese	1.429	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
	Mercury	ND	ND	ND	0.1694	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0043	0.0035	0.0046	0.004	0.0074	0.0022	0.0047	0.0088	0.0062	0.0028	ND	0.0021	0.0082	0.011	ND	0.0168	ND	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.27	5.35			6.71	6.94
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.91	7.07	4.43	13.7	3.99	3.76
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	22.6	30.6	17.8	111	11	15.64
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	665	910.3			318.1	302.2
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.5	14.9	7.38	4.24	5.87	4.51
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	780	1008	388	336	1264	252
	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	NT	10.3	6.4	2.6	33.3	NT	NT
	Vanadium	ND	ND	ND	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	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

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Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB02A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	38	36	40	35	36	36
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0033	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0976	0.1032	0.1403	0.1033	0.1198	0.1035	0.2976	0.2861	0.1479	0.2413	0.1676	0.2743	0.354	0.297	0.345	0.349	0.397	0.356
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	77.5	76.4	87.1	82.9	96.3	94
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	280	286	310	302	350	334
	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	NT	ND	ND	ND	ND	ND	ND
	Copper	ND	ND	0.0154	0.0159	0.0114	0.0137	0.0057	0.0062	0.0103	0.0045	0.0061	0.0064	0.0054	0.0075	0.0077	0.0053	ND	0.00507
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	390	353	420	391	463	414
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.414	0.6	0.682	ND	0.58	0.396
	Lead	ND	ND	ND	ND	ND	0.0031	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	46.4	44.4	52.3	53.4	59.1	53.1
	Manganese	0.0217	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
	Mercury	ND	ND	ND	**0.0482**	ND	0.0013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0052	0.004	0.0049	0.0059	0.0064	0.006	0.0061	0.0082	0.0092	0.0059	0.0077	0.0073	0.0122	0.0099	0.012	0.011	0.0114	0.0135
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.5894	0.582	0.589	0.543	0.576	0.582
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.75	4.77			5.09	5.41
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.73	4.1	4.69	5.2	5.78	4.82
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	31.2	32.5	35	31.6	34.9	37.5
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	636.7	925.5			1263	1120
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	22.4	16.2	25.4	17.8	21.5	18.4
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1088	1072	1192	288	68	824
	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	NT	3.83	1.16	0.891	0.416	NT	NT
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	0.0068	0.0156	ND	ND	0.0131	ND	0.00713	0.0081	0.00823	0.00783	0.00652

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Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB03	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	265	321	242	267	216	187
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.39	6.46	2.9	4.97	2.56	3.48
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0027	0.0085	0.0085	**0.0232**	0.0079	0.0066	0.0023	0.0023	0.0046	0.004	ND	ND	0.0024	ND	ND	ND	ND	ND
	Barium	0.1768	1.353	1.896	1.69	0.1124	1.101	0.6512	0.7963	0.9091	0.7536	0.5928	0.5995	0.588	0.856	0.592	0.736	0.58	0.697
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	0.0039	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	59.9	80.3	62.3	69	65.3	74.4
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	134	193	155	220	163	222
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0318	0.0755	0.0614	0.0711	0.0029	0.0593	0.0555	0.0674	0.0581	0.0556	0.053	0.0569	0.0643	0.0662	0.0659	0.0629	0.0554	0.0634
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.6	34.9	10.1	28.8	16.8	24.3
	Copper	0.0161	ND	0.0132	0.0145	0.0153	0.0093	0.0499	0.0064	0.0113	0.0066	0.0077	0.0978	0.0063	0.0084	0.0124	0.0076	ND	0.0082
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	690	700	400	3600	410	400
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	28.8	34.6	25	23.6	22.19	23.68
	Lead	0.0029	0.0036	ND	0.003	0.0027	0.0031	**0.02**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	33.2	52.8	35.6	47.1	41.1	42.7
	Manganese	9.801	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
	Mercury	0.0003	ND	ND	**0.005**	**0.0024**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00025
	Nickel	0.0114	0.0183	0.0109	0.0047	0.0172	0.0171	0.0408	0.019	0.0175	0.0168	0.0142	0.09	0.0183	0.0167	0.0197	0.0176	0.0164	0.0215
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.19	4.74			5.97	5.78
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.2	10.9	6.94	10.1	7	7.95
	Selenium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	0.00545
	Silver	ND	ND	0.0048	0.0046	ND	ND	ND	ND	ND	ND	ND	0.0154	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	35.9	92.8	41.6	74.2	44.2	58.9
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	902	1405			814.1	1140
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.84	31.4	16.7	41.4	22	28.5
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	564	984	676	784	804	888
	Thallium	ND	ND	0.0012	0.0012	ND	ND	ND	ND	ND	0.0015	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	248	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	11	24.4	22.9	2.81	NT	NT
	Vanadium	ND	0.0039	0.0059	0.0078	0.0027	ND	0.0219	ND	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	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

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB03A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	317	461	270	340	226	266
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.47	8.93	4.35	7.91	5.09	6.15
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.0047	0.004	0.0027	0.0036	0.0034	0.0021	0.0033	0.0046	0.008	0.0032	**0.0106**	ND	0.0036	ND	ND	ND	ND	ND
	Barium	0.8541	0.6897	0.6416	0.4988	0.57	0.4668	0.6407	0.9942	0.658	0.5139	0.5699	0.593	0.568	0.421	0.581	0.0796	0.529	0.51
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	0.0031	0.0022	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	69.4	91.6	66	24.8	68.5	76
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	194	164	176	239	193	245
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0665	0.0744	0.0612	0.082	0.0654	0.0584	0.0658	0.084	0.0608	0.0609	0.0617	0.063	0.0698	0.0458	0.0684	ND	0.0563	0.057
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	19.1	38.5	12.1	35	22.5	31.1
	Copper	0.0142	ND	ND	ND	0.0141	0.0089	0.0054	0.0101	0.0079	0.0056	0.0083	ND	0.0064	0.0084	0.008	0.0108	ND	0.00958
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	700	670	360	580	375	420
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	39.4	49.3	31	2.71	29.71	29.85
	Lead	ND	ND	ND	ND	ND	0.0026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	5.824	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
	Manganese	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.3	6.35	16.4	0.982	14.2	13.7
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0198	0.0167	0.0163	0.0121	0.0178	0.0132	0.0164	0.0219	0.0166	0.0164	0.0166	0.016	0.02	0.0157	0.0194	ND	0.0158	0.0185
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.76	4.98			6.03	6.04
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.4	19.2	9.18	4.68	9.64	13.1
	Selenium	0.0021	ND	ND	0.0029	ND	ND	ND	0.003	ND	ND	ND	ND	0.0024	ND	ND	ND	ND	0.00586
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	70.3	132	58.5	14.4	70.5	91
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1023	1661			975.1	1379
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	33.5	75.4	26.9	58.4	31.5	41.8
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	780	1112	704	980	888	952
	Thallium	ND	ND	0.0013	ND	0.0012	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	NT	39.4	271	13.3	13.6	NT	NT
	Vanadium	0.0051	0.0033	0.0018	0.0021	0.0022	0.0011	0	0.0003	0.0113	0.0021	0.0036	0.0005	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	0.0064	0.017	0.0134	0.0272	0.0272	0.0182	0.0182	0.011	0.00872	0.0131	0.0147	0.0089	0.0142

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB04	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	221	242	255	238	242	261
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.328	0.542	0.514	0.695	0.673	0.667
	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	0.0034	ND	0.0055	ND	ND	0.00907
	Barium	0.1584	0.1513	0.1513	0.0797	0.043	0.1065	0.2328	0.2276	0.222	0.1991	0.2255	0.2468	0.261	0.254	0.255	0.264	0.255	0.281
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	154	160	159	154	157	173
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	412	193	424	433	416	473
	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	NT	26.3	25.2	29.8	30.7	29.2	34.1
	Copper	ND	ND	0.0121	0.0157	0.0254	0.0123	0.0316	0.0323	0.029	0.0088	0.0087	0.0311	0.0344	0.0388	0.0418	0.0367	0.0314	0.0377
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	670	610	680	717	705	714
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.343	1.13	1.2	ND	0.92	0.804
	Lead	ND	ND	ND	ND	ND	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	75.1	83.7	81	88.1	89.1	88.9
	Manganese	0.4449	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
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.009	0.0093	0.0112	0.0064	0.0146	0.0095	0.0091	0.0105	0.0102	0.0106	0.0118	ND	0.0137	0.0124	0.0145	0.0132	0.0115	0.0178
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.71	5.3			5.88	5.65
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.32	6.52	6.45	7.29	7.18	7.03
	Selenium	0.0033	0.003	0.0056	0.0024	0.0032	0.0047	0.0033	0.0072	0.007	0.005	0.0058	ND	0.0167	0.0066	0.0219	0.0193	0.0144	0.032
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	71	77.6	73.8	74.4	74.3	73.3
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1673	1758			1503	1817
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	18.8	21.1	28.4	19.6	22.3	19.5
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1348	1772	1760	1428	1736	1632
	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	NT	1.07	0.24	0.632	0.421	NT	NT
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	0.007	0.0058	0.0167	ND	0.0138	ND	0.00761	0.00779	0.00828	0.00744	0.00692

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB04A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	125	142	135	133	127	129
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.301	0.366	0.281	0.379	0.316	0.218
	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	0.0036	ND	0.0061	0.0053	ND	**0.0105**
	Barium	0.0368	0.0406	0.0443	0.0447	0.1167	0.0408	0.0441	0.0432	0.0445	0.0453	0.049	0.0512	0.0542	0.0555	0.0539	0.0579	0.0555	0.0614
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	109	116	113	117	118	124
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	438	311	468	473	460	531
	Chromium	ND	ND	ND	ND	ND	ND	0.0022	ND	0.0026	ND	ND	ND	0.0021	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	31.3	26.4	29.5	39.3	27.5	33
	Copper	0.0185	0.0262	0.0348	0.0339	0.0218	0.026	0.0248	0.0227	0.0261	0.03	0.027	0.0288	0.0328	0.0321	0.0324	0.0283	0.0236	0.0295
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	570	550	600	592	602	622
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.998	1.57	1.24	0.636	0.712	1.12
	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	NT	71.9	86.1	80.3	94.8	85.5	88.8
	Manganese	0.4973	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
	Mercury	ND	ND	ND	**0.0799**	ND	ND	ND	ND	ND	0.0004	ND	ND	0.0003	ND	ND	ND	ND	ND
	Nickel	0.0119	0.0138	0.0141	0.0149	0.0103	0.0142	0.0148	0.0152	0.0157	0.0164	0.0172	0.0159	0.021	0.0194	0.0207	0.0193	0.017	0.0234
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.82	4.84			5.43	5.57
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.93	5.25	4.92	5.92	4.99	5.73
	Selenium	0.0038	0.0035	0.007	0.0027	0.0032	0.0053	0.0032	0.0074	0.0085	0.0077	0.0064	ND	0.0174	0.0071	0.0243	0.0223	0.0161	0.0373
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0026	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	89.1	101	91.9	100	91.1	95
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1943	1678			1438	1752
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.1	12.9	12.8	11.5	11	11.1
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1200	1764	1672	1356	1636	1508
	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	NT	10.3	16.8	16.3	5.83	NT	NT
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	0.0166	0.017	0.0201	0.0273	0.0321	0.024	0.0227	0.0214	0.021	0.0204	0.0227

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB06	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	150	170	220	145	156	175
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	0.389	ND	ND
	Antimony	ND	ND	ND	ND	0.0033	ND	ND	0.0034	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	ND	ND	ND	0.003	0.0027	ND	0.0027	ND	ND	0.0032	ND	0.0067	ND	ND	ND
	Barium	0.1657	0.1792	0.1979	0.2335	0.1901	0.2245	0.2017	0.195	0.4262	0.1607	0.17	0.1941	0.196	0.267	0.507	0.536	0.195	0.221
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	148	147	126	145	137.5	142
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	356	222	360	356	350	383
	Chromium	ND	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
	Cobalt	0.0032	0.0043	0.0043	0.0039	0.005	0.0047	0.0063	0.0049	0.0251	0.0052	0.0052	ND	0.0059	0.0111	0.0326	0.0101	ND	0.00694
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	68	55.1	31.5	38.9	32.9	44
	Copper	ND	ND	0.0125	0.0138	0.0204	0.0082	0.0192	0.0083	0.1077	0.0096	0.0101	0.0117	0.0116	0.0327	0.207	0.0444	0.00681	0.0309
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	580	560	550	553	552	582
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.7	29.2	111	15.5	1.05	12.2
	Lead	ND	ND	ND	ND	0.0028	ND	0.0048	ND	**0.0491**	ND	ND	ND	ND	0.0126	**0.0503**	**0.0474**	ND	0.0081
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	56.6	64.4	78.8	63	55.9	61.3
	Manganese	0.2544	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
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	0.0005	0.0003	ND	ND	ND	**0.00286**	0.00149	**0.00852**	0.00087	0.00054
	Nickel	0.0086	0.0111	0.0118	0.0106	0.0126	0.0138	0.0204	0.0139	0.0805	0.0129	0.0129	0.02	0.0166	0.0349	0.131	0.0245	0.0112	0.0207
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.6869	0.6679	0.87	0.758	0.786	0.708
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.62	5.69			5.51	5.76
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.82	6.71	28.8	6.2	4.72	7.39
	Selenium	0.0041	0.005	0.0061	0.006	0.0049	0.0118	0.0088	0.0094	ND	0.0095	0.0088	ND	0.0147	0.008	0.023	0.0201	0.0122	0.0121
	Silver	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	0.0088	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	83.3	92	70.4	80.3	81	94.3
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1564	1571			1289	1600
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	82.9	85.1	81.7	85.7	93.7	76.8
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1116	1388	1784	1192	960	1156
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	**0.0031**	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	21.7	533	3329	3800	NT	NT
	Vanadium	ND	ND	ND	ND	ND	ND	0.0069	ND	0.0724	ND	ND	ND	ND	0.0204	0.133	0.0213	ND	0.0148
	Zinc	NT	NT	NT	NT	NT	NT	0.036	0.2789	0.031	0.0321	0.0414	0.0414	0.0321	0.116	0.372	0.0997	0.0213	0.0545

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB07	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	163	161	184	175	169	176
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	0.0507	0.0598	0.0815	0.0658	0.0831	0.0938	0.0172	0.0928	0.0903	0.0511	0.0406	0.0252	0.025	0.0414	0.0333	0.0256	0.0257	0.0261
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	99.5	105	102	114	112.5	108
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	150	48.8	171	193	194	199
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	0.0034	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	13.6	ND	14	5.2	11.7
	Copper	ND	ND	0.0108	ND	0.0129	0.005	0.0057	0.0053	0.0137	0.0033	0.008	ND	0.0062	0.0126	0.0132	ND	ND	0.00909
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	331	350	360	407	409	412
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.262	1.07	2.14	1.08	0.659	0.957
	Lead	ND	ND	ND	ND	ND	ND	ND	ND	0.0031	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	26.1	29.7	28.5	35.2	34.8	33.6
	Manganese	ND	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
	Mercury	ND	ND	ND	ND	ND	ND	0.0003	ND	ND	ND	ND	ND	ND	ND	0.00028	0.00049	0.00031	0.00029
	Nickel	ND	ND	ND	ND	ND	0.0022	ND	0.0024	0.0056	0.0022	ND	ND	0.0047	0.0057	ND	ND	ND	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.5482	0.5966	0.658	0.861	0.819	0.8232
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.04	5.95			6.34	6.55
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.07	3.23	3.13	3.24	3.42	3.4
	Selenium	ND	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
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	21.4	23.3	21.9	21.3	20.8	24.5
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	760	828.1			806.2	937.2
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.4	15.2	19.2	20.4	21	20.2
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	644	764	1068	800	984	708
	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	NT	0.283	14.3	40.7	0.939	NT	NT
	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	0.0075	0.023	ND	ND	ND	ND	ND	0.0126	0.0112	ND	0.00576	0.00575

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB07A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	124	92	115	112	115	122
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	0.0469	0.0439	0.0248	0.0529	0.027	0.0616	0.0265	0.0313	0.0506	0.0643	0.0864	0.0419	0.0431	0.0693	0.037	0.0401	0.0432	0.0405
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	91.8	55.8	72	86.5	90	82.9
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	235	74.5	205	216	246	244
	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	0.0025	0.0027	ND	ND	ND	0.0059	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	17.8	6.1	9.7	16.5	10	16.9
	Copper	ND	ND	0.0153	0.0138	0.0129	0.0114	0.0051	0.0055	0.0113	0.0092	0.0116	ND	0.0058	0.0128	0.0078	ND	ND	0.00594
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	420	205	350	390	424	408
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.239	ND	0.5	0.819	0.538	0.458
	Lead	ND	ND	ND	ND	ND	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	51.2	21.7	41.6	49.3	52.5	48.3
	Manganese	0.0904	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
	Mercury	0.0003	0.0004	0.0003	0.0003	0.0005	ND	0.0009	0.0007	0.0005	0.0005	0.0004	0.0009	0.001	0.00026	0.00047	0.00075	0.00056	0.00107
	Nickel	0.0043	0.0047	0.0024	0.0025	0.0037	0.0044	0.0023	0.0039	0.0059	0.0043	0.0041	ND	0.006	0.0099	ND	ND	ND	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.8907	ND	0.9	0.902	0.891	0.97
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.51	5.94			5.6	5.86
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.66	7.32	2.56	2.3	2.44	2.45
	Selenium	ND	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
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	30.2	23.8	26.1	25.6	26.3	28.6
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	706.7	565.4			860.9	994.7
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	22.4	3.38	21.6	22.6	28	24.3
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	784	492	1176	796	872	748
	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	NT	0.317	6.85	1.55	0.579	NT	NT
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	0.0065	0.0086	ND	ND	ND	ND	0.0136	0.0079	0.00516	ND	ND

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB08	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	229	245	248	230	230	239
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	NT	0.0158	0.0137	0.0102	0.0159	0.0114	0.1281	0.1163	0.1146	0.0822	0.0288	0.1309	0.137	0.126	0.118	0.116	0.128	0.129
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	NT	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	63.5	71.1	65.9	62.7	67.1	70.8
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	34.7	31.2	32.8	34.2	46.1	42.8
	Chromium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	NT	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
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	4.9	ND	ND	ND	9.9
	Copper	NT	ND	0.0126	0.0107	0.0172	0.0073	0.0062	0.006	0.0061	0.0045	0.008	ND	0.0043	0.0073	0.006	0.006	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	228	250	300	265	144	236
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.301	0.675	0.647	0.718	0.797	0.74
	Lead	NT	ND	ND	ND	0.0021	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	5.08	12.9	16.6	14.9	17	16.8	17.7
	Manganese	NT	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
	Mercury	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	NT	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.04	5.41			5.85	6.22
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.81	2.87	2.63	2.91	2.86	2.85
	Selenium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	27.2	31.6	28	28.7	27.4	28
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	523.1	528.2			476.3	559.9
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.54	4.91	4.83	ND	ND	4.76
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	284	340	384	280	344	348
	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	NT	0.266	0.77	0.485	0.735	NT	NT
	Vanadium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	0.0057	0.0039	0.0048	ND	ND	ND	ND	ND	ND	0.00765	0.00658	0.00607

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB08A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	228	233	226	220	218	221
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.299	ND	ND	ND	ND
	Antimony	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	NT	ND	ND	ND	ND	ND	0.0026	0.003	0.0022	ND	ND	ND	0.0023	ND	ND	ND	ND	ND
	Barium	NT	0.0049	0.0059	0.0057	0.0101	0.0087	0.0974	0.1007	0.082	0.0894	ND	0.0669	0.0815	0.0919	0.0779	0.099	0.0689	0.0735
	Beryllium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	NT	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	59.4	52.6	52.9	58.1	54.4	53.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	67.4	39.9	58.2	45.4	63.3	55.5
	Chromium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	NT	ND	ND	ND	ND	ND	0.0184	0.0171	0.0177	0.0094	ND	0.0167	0.0186	0.0135	0.0175	0.0146	0.0173	0.0171
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	39.2	5.3	10.2	ND	8.6
	Copper	NT	ND	0.0102	0.0127	0.0104	0.0078	0.0083	0.0059	0.0058	0.0041	0.0061	ND	0.0051	0.0067	0.0061	0.006	ND	0.00802
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	570	330	300	370	190	252
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.85	3.33	3.35	3.69	3.05	3.44
	Lead	NT	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	NT	23.2	19.2	19.3	20.3	22	21.8
	Manganese	NT	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
	Mercury	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	NT	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.65	5.49			5.96	6.07
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.82	2.73	2.52	2.77	2.8	2.79
	Selenium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	37	34.7	31.7	30.8	31.8	32.9
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	579.9	541.9			502.5	579.1
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.85	3.04	5.74	ND	ND	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	352	336	384	340	1240	364
	Thallium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.69	3.8	0.528	1.36	NT	NT
	Vanadium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	0.0083	0.0051	0.0045	ND	ND	ND	ND	ND	ND	0.0078	0.00676	0.0101

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Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB10	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	110	83	134	116	122	119
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0413	0.0436	0.0425	0.0375	0.0379	0.03	0.0778	0.0366	0.0491	0.0321	0.0416	0.0401	0.0468	0.049	0.0553	0.0531	0.0534	0.0569
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	38.6	37.7	43.4	39.8	45.8	48.1
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	82.4	53.3	83.6	89	94.1	100
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0027	0.0036	0.0035	0.0026	0.0029	ND	0.0035	ND	0.0041	0.0022	ND	ND	0.0029	ND	0.0059	ND	ND	0.00519
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	7.5	10.3	ND	ND	7.5
	Copper	ND	ND	0.0132	ND	ND	0.008	0.0083	0.0079	0.0082	0.0041	0.0066	0.0063	0.006	0.0179	0.0057	ND	ND	ND
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	160	161	230	230	226	210
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.598	1.9	1.28	0.783	1.12	0.975
	Lead	ND	ND	ND	ND	ND	ND	0.0021	ND	0.0031	ND	ND	ND	ND	0.0085	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	19.4	18.1	24	24.9	27.8	25.8
	Manganese	2.03	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
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0049	0.0056	0.0074	0.0048	0.0051	0.0056	0.008	0.0057	0.0066	0.0049	0.0061	0.0049	0.0079	0.0104	0.0079	0.0063	0.00682	0.00887
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	0.008	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.3	5.98			5.8	6.05
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.81	2.94	2.65	3.28	3	3.02
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	19	20.3	20.3	18.4	19.6	18.2
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	413.6	423.9			446.8	544.8
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.7	ND	ND	ND	ND	ND
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	368	364	552	456	492	480
	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	NT	2.09	21.1	1.16	0.443	NT	NT
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	0.023	0.0198	0.0087	ND	0.0107	ND	0.0226	0.00595	0.00573	0.00698	0.00662

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB102	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1140	960	1100	1008	1000	1056
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	11.2	12.4	8.98	11.1	11.1	11.6
	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	0.0042	0.0061	0.0057	**0.0196**	0.0063	0.0061	ND	0.0065	ND	0.0068	0.0061	0.00581	ND
	Barium	0.0818	0.1215	0.2291	0.3498	0.3393	0.3277	0.3264	0.3338	0.7682	0.3156	0.3331	0.4215	0.385	0.374	0.342	0.349	0.344	0.355
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	**0.008**	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	0.0021	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	116	113	114	124	119.7	115
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	560	128	577	578	564	602
	Chromium	ND	ND	ND	0.0024	0.0043	0.0029	0.0026	0.0035	**0.1373**	0.0033	0.0088	ND	0.0105	0.0102	ND	ND	ND	ND
	Cobalt	0.0947	0.0145	0.1029	0.0991	0.1041	0.0894	0.1094	0.0873	0.2586	0.0821	0.0876	0.085	0.0925	0.089	0.0842	0.0764	0.0724	0.0734
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	262	250	252	235	237	227
	Copper	ND	0.0228	0.0248	0.0384	0.211	0.0543	0.0437	0.0557	**1.8022**	0.0638	0.088	0.1301	0.136	0.0793	0.0908	0.0483	0.0449	0.0505
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	810	158	900	775	701	640
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.95	9.66	3.55	1.69	0.798	0.945
	Lead	ND	ND	0.0026	ND	0.0046	0.0022	ND	ND	**0.0806**	ND	0.0055	ND	0.0043	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	94.8	98.7	94.3	102	98.4	97.4
	Manganese	4.083	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
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	0.0006	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0052	0.023	0.0362	0.09	0.0767	0.0913	0.087	0.0942	0.2651	0.0908	0.0871	0.1029	0.118	0.0966	0.101	0.092	0.0909	0.0925
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.26	5.95			6.42	6.64
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	37.2	41.7	37.8	39.8	40.4	39.9
	Selenium	ND	0.0026	0.0071	0.0092	0.0093	0.0127	0.0185	0.0179	0.036	0.0186	0.0152	0.0167	0.0256	0.0134	0.0256	0.0237	0.0224	0.017
	Silver	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	613	549	500	561	550	532
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3522	3493			3010	3558
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	71.9	71.5	57.4	74.3	74.4	55.4
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2120	2172	2252	2308	2244	2268
	Thallium	ND	ND	ND	ND	ND	ND	ND	ND	**0.0087**	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	191	202	71.4	23.7	NT	NT
	Vanadium	ND	ND	ND	ND	0.0047	ND	ND	0.003	0.1443	ND	0.0105	ND	0.0104	0.0124	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	0.021	1.254	0.0248	0.0424	0.0776	0.0464	0.0402	0.0224	0.0135	0.0127	0.013

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB105	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	810	1710	600	728	494	51
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.4	61.8	5.02	25.1	4.4	16.3
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	0.005	ND	0.007	0.0023	0.0058	0.0027	0.0041	0.0057	0.0064	0.0044	ND	**0.012**	0.005	**0.0109**	ND	ND	**0.0147**
	Barium	0.1666	0.2607	0.1224	0.512	0.2067	0.2254	0.208	0.2161	0.166	0.256	0.1682	0.466	0.304	0.408	0.258	0.218	0.157	0.601
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0026	ND	ND	ND	ND	**0.0112**
	Cadmium	ND	ND	ND	ND	ND	**0.0079**	**0.0125**	NT	NT	NT	NT	NT	0.0047	ND	ND	ND	ND	**0.0109**
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	156	124	165	92.2	170	160
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	328	265	334	219	309	356
	Chromium	0.0025	0.0028	0.0026	0.0051	0.0027	0.0028	0.0024	ND	0.0057	0.0044	ND	ND	0.0717	0.0075	0.0808	0.0106	0.0184	**0.166**
	Cobalt	0.0051	0.0173	0.0045	0.0146	0.007	0.0077	0.0054	0.0073	0.0116	0.012	0.0077	0.0108	0.101	0.0129	0.196	0.0202	0.0345	0.2
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	173	258	207	92.4	83.4	140
	Copper	0.0416	ND	0.013	0.0156	0.0654	0.0148	0.0103	0.0094	0.0217	0.0184	0.012	0.0134	0.112	0.0218	0.173	0.0277	0.0237	0.293
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	900	870	950	576	866	960
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	85.3	31.2	110	17.1	19.96	253
	Lead	ND	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**
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	129	152	132	96.5	132	168
	Manganese	1.85	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
	Mercury	ND	ND	ND	**0.0108**	ND	ND	ND	ND	0.0004	ND	ND	ND	**0.0038**	ND	**0.003**	0.00026	0.00101	**0.00645**
	Nickel	0.0092	0.0137	0.0088	0.0145	0.0141	0.0111	0.0103	0.0091	0.02	0.0142	0.0143	0.0116	0.174	0.0164	0.228	0.0258	0.053	0.283
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	0.99	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.81	6.33			6.18	6.55
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	35.7	136	19.3	61.3	15	58.6
	Selenium	0.0051	0.0049	0.0036	0.007	0.0044	0.0135	0.004	0.0087	0.012	0.0119	0.01	0.013	0.0193	0.0091	0.0214	0.0102	0.00977	0.0198
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	286	468	174	202	183.57	226
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3384	3886			1963	3025
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	346	105	309	139	314	312
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1736	2400	1876	1320	1872	1776
	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	NT	1215	338	3430	240	NT	NT
	Vanadium	0.0034	0.0038	0.0032	0.006	0.0037	0.0023	ND	ND	0.0077	0.0042	ND	ND	0.0789	0.0096	0.136	0.0194	0.0331	0.363
	Zinc	NT	NT	NT	NT	NT	NT	NT	0.0175	0.0799	0.1131	0.0352	0.0501	0.556	0.031	0.765	0.153	0.15	0.975

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Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB11	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	201	165	200	211	215	217
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	0.0055	ND	ND	ND	0.0021	ND	0.0024	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.0334	0.2086	0.0803	0.1537	0.0559	0.0535	0.0229	0.0258	0.032	0.0267	0.0331	0.0286	0.0272	0.0515	0.0261	0.0301	0.0292	0.0295
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	**0.0051**	0.0034	**0.0081**	0.0036	0.0023	**0.0056**	**0.0099**	NT	NT	NT	NT	NT	**0.0088**	**0.0058**	**0.009**	**0.01**	**0.0101**	**0.0104**
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	126	108	133	134	132.3	132
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	330	393	358	259	371	407
	Chromium	ND	ND	0.0023	ND	ND	ND	0.0027	ND	0.0037	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	0.0025	0.0613	0.0027	0.0452	ND	ND	ND	ND	0.0036	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	27.5	28.2	29	32.5	22.4	32.8
	Copper	ND	ND	0.0135	0.0164	0.0112	0.009	0.0091	0.0083	0.0069	0.0063	0.0062	ND	0.0083	0.0072	0.0112	0.0078	0.0064	0.00894
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	550	510	600	563	581	596
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.454	0.84	1.22	1.27	0.738	0.726
	Lead	ND	ND	0.0074	0.0028	0.0026	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	60.1	59.1	67.9	66.6	66.6	67.4
	Manganese	0.5659	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
	Mercury	ND	ND	0.0005	0.0004	0.0008	0.0019	**0.003**	**0.0031**	0.0007	**0.0022**	0.0005	0.0019	**0.0022**	0.00191	**0.00254**	0.00165	0.00102	0.00098
	Nickel	0.0137	0.0354	0.0167	0.0382	0.0176	0.0178	0.0292	0.0279	0.0276	0.0249	0.0207	0.0275	0.0361	0.0216	0.0375	0.0331	0.0333	0.0339
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.69	5.03			5.35	5.41
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.56	8.25	4.9	4.82	4.7	5.13
	Selenium	ND	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
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	56.7	59.9	68.8	67.9	68.5	68
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1339	1340			1302	1559
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.96	8.47	9.53	9.48	10.2	11.2
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1208	1152	1416	1116	1036	1404
	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	Nt	1.16	3.65	5.75	0.733	NT	NT
	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	0.0389	0.04	0.0427	0.038	0.0508	0.0508	0.0432	0.0309	0.0426	0.043	0.042	0.0453

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Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB11A	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	270	282	280	292	285	279
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.222	0.817	1.7	2.11	1.59	1.11
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	0.0087	ND	0.0027	ND	ND	ND	0.0072	0.0031	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	0.1753	0.0733	0.2284	0.0603	0.1653	0.1678	0.1785	0.1767	0.1365	0.1441	0.1335	0.1616	0.151	0.174	0.182	0.957	0.166	0.183
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0102**	ND	ND
	Cadmium	ND	**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
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	99	92.5	89.8	84.7	93.5	93.4
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	310	262	290	211	297	300
	Chromium	ND	ND	0.0025	ND	ND	ND	ND	ND	0.0024	ND	ND	0.0102	ND	ND	ND	0.0321	ND	ND
	Cobalt	0.0524	ND	0.0614	0.0022	0.0437	0.0411	0.036	0.0664	0.0239	0.0361	0.0332	0.0204	0.036	0.0777	0.0337	0.144	0.025	0.025
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	30.8	32.3	30	33.7	21.6	30.4
	Copper	ND	ND	0.0245	0.016	0.0232	0.0149	0.0076	0.0092	0.0108	0.0088	0.0109	0.0119	0.0103	0.0209	0.0102	0.17	0.00569	0.00569
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	540	500	660	524	598	500
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.61	4.65	1.33	48.4	1.01	1.05
	Lead	ND	ND	**0.0179**	0.0026	0.003	0.0031	ND	ND	0.0079	ND	ND	ND	ND	0.0059	ND	**0.0723**	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	69.2	64.2	67	55	68.6	69.9
	Manganese	5.688	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
	Mercury	0.0003	0.0019	0.0011	0.0019	0.0003	ND	0.0003	0.0005	0.0014	0.0008	0.0005	0.0009	ND	**0.00232**	ND	ND	ND	ND
	Nickel	0.0323	0.0138	0.0437	0.0182	0.0343	0.0382	0.0236	0.0228	0.0306	0.0285	0.0269	0.0376	0.0299	0.0306	0.0232	0.0701	0.0222	0.0192
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.01	5.28			5.49	5.59
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.71	7.17	6.81	13.7	6.83	6.41
	Selenium	ND	ND	0.0048	ND	0.0022	0.0022	ND	0.0029	0.0067	0.0022	ND	ND	0.0048	ND	0.0062	0.0185	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	107	97.5	101	38.5	99.8	99.4
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1444	1363			1227	1405
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.6	14.9	18.4	17	15	15.8
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1192	1032	1068	908	304	1048
	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	Nt	1.97	19.4	3.31	0.83	NT	NT
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0919	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	0.0193	0.0229	0.0219	0.025	0.0305	0.0305	0.0249	0.025	0.0218	0.267	0.021	0.0211

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB12	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	110	100	108	44	106	116
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Antimony	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	NT	NT	NT	0.142	0.0989	0.0431	0.036	0.0565	0.0146	0.0228	ND	0.0298	0.0186	0.0211	0.0153	0.0211	0.0173	0.0174
	Beryllium	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	NT	NT	NT	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	33.3	39	32.3	34.1	33	38.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	69.9	83.9	65.8	80.1	62.7	76.9
	Chromium	NT	NT	NT	0.0024	ND	ND	0.0104	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	12.1	7.4	6.9	ND	8.1
	Copper	NT	NT	NT	0.0145	0.0215	0.0102	0.0151	0.0048	0.009	0.0055	0.007	ND	0.0061	0.0062	0.0068	ND	ND	0.00512
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	165	189	162	182	153	194
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.368	ND	0.228	ND	ND	ND
	Lead	NT	NT	NT	ND	0.0032	0.0032	0.0046	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	19.7	23.4	19.8	27	20.6	24.5
	Manganese	NT	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
	Mercury	NT	NT	NT	0.0006	0.0004	0.0005	0.0011	ND	0.0015	0.0007	ND	ND	0.0003	ND	ND	ND	ND	ND
	Nickel	NT	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
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.622	2.25	1.377	1.59	1.14	1.26
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.84	6.14			5.46	5.51
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3	3.04	2.32	3.24	2.69	3.26
	Selenium	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	24.5	27.8	25.4	27.9	22.8	30
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	481.7	511.8			421.1	497.1
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.14	14.9	7.13	4.78	5.57	12
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	308	400	408	120	296	340
	Thallium	NT	NT	NT	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	NT	2.49	5.15	0.328	0.167	NT	NT
	Vanadium	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	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

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB15	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	242	93	230	74	228	51
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.646	0.228	0.29	ND	0.307	ND
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	ND	ND	0.0031	ND	ND	**0.0366**	ND	ND	ND	ND	ND	0.0069	ND	ND	ND	ND	ND
	Barium	0.0346	0.0999	0.1026	0.3716	0.0852	0.0991	0.3997	0.0364	0.2282	0.0856	0.1015	0.0881	0.119	0.0902	0.0785	0.0857	0.0919	0.0722
	Beryllium	ND	ND	ND	0.0039	ND	ND	**0.0088**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	**0.0099**	NT	NT	NT	NT	NT	0.0042	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	29.5	20.3	18	14.8	21.6	16.5
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.16	3.48	7.73	4.61	10	3.95
	Chromium	ND	ND	ND	**0.1041**	ND	0.009	**0.3214**	ND	0.0521	ND	ND	ND	0.019	ND	ND	0.0053	ND	ND
	Cobalt	ND	0.0213	0.0217	0.0583	0.0219	0.0163	0.2322	ND	0.0599	0.0095	ND	0.0134	0.0273	0.0099	ND	0.0072	0.00621	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	49.3	11.1	11.2	ND	27.3	ND
	Copper	ND	ND	0.0113	0.0416	0.0153	0.0267	0.5593	0.0061	0.1171	0.0067	0.0059	ND	0.0475	0.0103	0.0083	0.0119	0.0094	0.00664
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	600	270	165	114	156	140
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	54.9	16	27.3	9.24	39.4	6.6
	Lead	ND	ND	0.0026	**0.0242**	ND	0.0088	**0.1747**	ND	**0.0409**	ND	ND	ND	**0.017**	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	23.2	24.5	17.4	22	21.6	21.3
	Manganese	0.068	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
	Mercury	ND	ND	ND	ND	ND	ND	0.0003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0037	0.0288	0.0206	0.1422	0.0197	0.0259	0.4895	0.0086	0.112	0.0084	0.0072	0.0157	0.0473	0.0178	0.0098	0.0149	0.00599	0.015
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	0.008	ND	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.01	6.62			6.15	5.5
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.15	2.3	2.18	2.29	2.46	2.12
	Selenium	ND	ND	ND	0.0134	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	NT	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	NT	35	14.5	53.3	36.1	59.1	29.2
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	576.4	368.7			535.4	323.1
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	78.6	78.1	56.5	78.9	49.2	93.2
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	328	252	324	420	528	272
	Thallium	ND	ND	ND	ND	ND	ND	**0.0024**	ND	**0.0024**	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	125	53.8	25.4	96.8	NT	NT
	Vanadium	ND	ND	ND	0.039	ND	0.0032	0.1477	ND	0.0282	ND	ND	ND	0.0052	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	0.0081	1.2155	0.022	0.021	0.0955	0.0955	0.698	0.0329	0.0212	0.0544	0.0668	0.0966

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location OB25	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	423	416	472	282	267	249
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.57	0.771	3.69	0.629	1.91	0.731
	Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	ND	0.0034	ND	ND	0.004	ND	ND	ND	ND	0.0024	ND	ND	0.0037	**0.012**	ND	ND	ND	ND
	Barium	0.0846	0.1361	0.08	0.0817	0.2081	0.0658	0.0794	0.0832	0.1065	0.1388	0.1179	0.1126	1.31	0.445	0.192	0.195	0.163	0.146
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0137**	**0.0057**	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	0.0024	ND	ND	NT	NT	NT	NT	NT	**0.0174**	**0.0072**	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	111	89.9	90.2	92.7	65.1	73.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	156	183	173	62.3	86.6	73.5
	Chromium	ND	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
	Cobalt	0.0109	0.041	0.0104	0.0166	0.0865	0.0119	0.0157	0.0187	0.0229	0.0329	0.027	0.0241	0.418	0.272	0.0532	0.0244	0.0285	0.0393
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1080	79.4	90	107	19.6	18.6
	Copper	ND	0.0339	0.0153	0.0137	0.0774	0.0085	0.0075	0.0065	0.0083	0.0146	0.0065	ND	0.364	0.188	0.0302	0.0062	0.0168	0.0374
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	740	520	750	450	292	356
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	239	210	29.9	1.32	5.73	31.7
	Lead	ND	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
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	82.8	109	71.6	70.2	44.2	57.7
	Manganese	7.731	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
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0003	ND	ND	0.00142	ND	0.00129
	Nickel	0.0074	0.0446	0.0138	0.0109	0.0872	0.009	0.0097	0.0113	0.0161	0.0215	0.0128	0.0127	0.226	0.281	0.0506	0.0183	0.0128	0.0467
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.6782	2.31	ND	1.33	ND	ND
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.19	5.51			8.7	7
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	17.6	15.9	16.6	7.24	14.3	10.7
	Selenium	ND	0.0025	ND	ND	0.0053	ND	ND	ND	0.0023	ND	ND	ND	0.0364	0.0172	0.0059	ND	ND	0.00523
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	84	76.6	88.9	100	54.3	43.9
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1301	1340			NT	627.7
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	71.8	75.3	67	32.1	39.7	44.1
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	888	916	916	532	252	568
	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	NT	10100	3870	357	15050	NT	NT
	Vanadium	ND	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
	Zinc	0.0243	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.95	1.09	0.109	0.0216	0.0256	0.112

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Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location ST15	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	80	115	79	98	31	99
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.239	ND	ND	ND	ND
	Antimony	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Arsenic	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Barium	NT	0.0449	0.047	0.0451	0.0511	0.0468	0.0502	0.0481	0.0545	0.0454	NT	0.0786	0.0588	0.0596	0.0681	0.029	0.0197	0.0367
	Beryllium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Cadmium	NT	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	33.4	36.7	32.5	27.4	10.3	31.2
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	58.2	102	67.7	38.1	5.32	157
	Chromium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0041	ND	ND	ND	ND	ND	ND
	Cobalt	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0027	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	7.2	6.7	24.8	14.1	22.8
	Copper	NT	0.0149	0.0104	0.0159	ND	0.0074	0.0055	0.0059	0.0076	0.005	NT	0.0139	0.0058	0.0085	0.0077	0.0062	ND	0.00811
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	160	180	160	95	29	122
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.372	0.814	0.701	0.863	ND	0.846
	Lead	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0032	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	13.7	17.6	15	8.5	2.23	12
	Manganese	NT	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
	Mercury	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Nickel	NT	0.0091	0.006	0.009	0.0047	0.0091	0.0043	0.0087	0.0069	0.0097	NT	0.0172	0.0083	0.0104	0.0078	0.0052	ND	0.00661
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.465	1.3279	1.3876	0.401	ND	0.799
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.39	7.19			7.34	7.55
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.59	3.08	2.58	3.48	2.15	4.16
	Selenium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Silver	NT	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	NT	24.5	59	24.8	28	4.33	108
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	386.7	538.8			82.1	703.9
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	20.7	15.6	25.5	7.19	4.42	8.46
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	280	368	404	204	1276	392
	Thallium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND
	Turbidity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.04	5.24	6.06	25.6	NT	NT
	Vanadium	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.0027	ND	ND	ND	ND	ND	ND
	Zinc	NT	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

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location ST120	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	64	74	70	60	49	52
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	0.0318	0.0488	0.034	0.0321	0.0447	0.0705	0.0582	0.0288	0.0431	0.0433	0.0373	0.1051	0.0392	0.0544	0.0482	0.046	0.0357	0.0397
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	25.7	34	31.6	23.1	33.4	23.3
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	197	93.2	102	50.1	110
	Chromium	ND	ND	ND	ND	0.0021	0.0021	0.0026	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	7	11.1	15.1	11.9	9.7
	Copper	ND	ND	0.0112	ND	0.0116	0.0105	0.0085	0.0104	0.0066	0.0094	0.0089	0.0152	0.0056	0.0105	0.0068	0.0052	0.00623	0.00914
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	340	150	180	113	73	98
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.525	1	0.705	0.661	0.75	0.474
	Lead	ND	ND	ND	ND	0.0031	0.0028	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	0.00528	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	12.3	19.1	16.3	14.2	12.6	11.5
	Manganese	0.0988	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
	Mercury	ND	ND	ND	ND	0.0006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0043	0.0089	0.0055	0.0072	0.008	0.0104	0.0082	0.0116	0.0077	0.0078	0.006	0.0113	0.0066	0.0155	0.0066	0.0098	0.00741	0.00818
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.029	1.2126	0.792	0.787	0.581	1.33
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.41	5.96			6.98	7.38
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.88	3	3.02	2.51	3.08	2.25
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	27.5	170	34	53.7	34.5	65.1
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	370.8	1116			236.6	489.4
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.6	17.2	13.5	7.5	6.45	7.76
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	244	720	376	372	208	284
	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	NT	2.12	8.2	2.4	3.86	NT	NT
	Vanadium	ND	ND	ND	ND	0.004	ND	0.0033	0.0028	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.0124	ND	0.00891	0.00844	0.0106

NT: Not Tested
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Table 4
Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location ST65	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	70	235	88	243	203	237
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	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	0.0327	0.0745	0.0376	0.0301	0.0351	0.0592	0.0472	0.1	0.0404	0.038	0.0314	0.0447	0.0912	0.0566	0.0431	0.0556	0.079	0.0484
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	18.1	40	34.3	33.9	34.2	30.6
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	51.7	85.7	98.4	99.6	154	136
	Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	0.0074	ND	ND	ND	ND	ND	0.0134	ND	ND	ND	ND	0.0137	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	34.8	34.7	7.7	35.1	39.2	32.6
	Copper	ND	ND	0.0105	0.0134	0.0105	0.0137	0.0049	0.0063	0.0069	0.0075	0.0069	0.0058	0.008	0.0097	0.0066	0.0067	0.00767	0.00768
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	100	222	170	180	174	178
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.1	0.529	0.286	0.657	0.613	0.507
	Lead	ND	ND	ND	ND	ND	0.0032	ND	ND	ND	ND	ND	ND	0.0036	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10.6	30.7	18.4	26.9	23.7	29
	Manganese	0.2133	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
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0041	0.0151	0.0037	0.0057	0.003	0.0083	0.0024	0.0058	0.0037	0.0058	ND	0.0028	0.008	0.0102	ND	0.0095	0.0103	0.00895
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.7773	1.117	0.392	ND	0.621
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.7	6.31			7.07	7.56
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.92	14.3	4	14.8	14.9	13.8
	Selenium	ND	0.0024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0082	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	25.7	110	37	121	115	136
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	302.3	884.2			795.9	872.7
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.32	42.1	10.8	26.6	32.8	25.4
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	196	500	500	524	588	532
	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	NT	90.3	5.03	0.696	8.26	NT	NT
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0036	ND	ND	ND	ND	ND
	Zinc	NT	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

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location ST70	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	109	106	115	105	81	128
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.497	ND	0.477	ND	0.383
	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	0.0484	0.0496	0.0506	0.0475	0.0885	0.0681	0.066	0.0509	0.0699	0.0508	0.0549	0.1404	0.0624	0.0596	0.0632	0.0498	0.0488	0.0706
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	38.2	37.9	42.8	32.5	27.4	56.8
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	85.8	68.8	97.6	79.8	50.6	122
	Chromium	0.0024	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
	Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	14.1	10	18.5	15.3	17.2
	Copper	ND	ND	0.0107	0.0162	0.0166	0.0109	0.0079	0.0072	0.0109	0.007	0.0076	0.0127	0.0067	0.009	0.0076	0.0066	0.00714	0.00996
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	170	150	170	128	110	188
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.421	0.98	0.357	1.04	0.555	1.36
	Lead	ND	ND	ND	ND	ND	0.0023	ND	ND	0.0039	ND	ND	0.0027	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	16.3	15.9	17.8	13.6	8.98	16.5
	Manganese	0.266	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
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0058	0.0059	0.0046	0.0075	0.0059	0.0086	0.0044	0.0074	0.007	0.0085	0.0052	0.0095	0.0086	0.0136	0.0077	0.0086	0.00908	0.00831
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.8591	1.124	1.4818	0.831	0.774	1.489
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.54	6.61			7.05	8.51
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4.3	4.4	6.84	4.15	4.52	13.1
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	34.2	69.8	40.1	45.6	20.4	77.1
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	520.6	625.1			291.6	691
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	20.8	18.4	25.2	12.8	11.6	41.4
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	352	392	524	312	256	448
	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	NT	1.96	9.24	0.753	10.7	NT	NT
	Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	NT	NT	NT	NT	NT	NT	0.0167	0.0187	0.016	ND	0.0342	ND	0.0166	0.00661	0.0145	0.0121	0.0143

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location ST80	Alkalinity	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	48	110	44	32	42	34
	Ammonia	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	0.456	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	0.0241	0.032	0.0252	0.0298	0.0436	0.0294	0.0265	0.0297	0.049	0.0305	0.0405	0.0513	0.0365	0.0532	0.0311	0.0387	0.0315	0.0346
	Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND
	Calcium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	16.2	37.9	12.5	11.8	11.9	14.2
	Chloride	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	32.6	92.3	28.6	27.1	29.4	45.8
	Chromium	ND	ND	ND	0.0042	ND	ND	ND	0.0026	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	ND	ND	ND	ND	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	COD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	12.5	17	14.6	12.5	10.3
	Copper	ND	ND	0.0133	0.0116	0.0117	0.0125	0.0051	0.0072	0.007	0.0061	0.0056	0.0064	0.0056	0.008	0.0066	0.0068	0.005	0.00578
	Hardness	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	70	152	68	46	55	58
	Iron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.32	0.821	0.863	1.44	0.52	0.741
	Lead	ND	ND	ND	ND	0.0028	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.41	15.4	6.23	5.73	5.47	7.92
	Manganese	0.3743	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
	Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nickel	0.0025	0.0025	0.0022	0.0055	0.0053	0.0028	ND	0.0056	0.0043	0.0036	ND	0.0035	0.0042	0.0108	ND	0.0055	ND	ND
	Nitrate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.8957	1.1925	0.35	0.856	0.423	1.68
	pH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	7.65	7.37			7	8.08
	Potassium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.08	4.64	2.68	2.16	3.82	2.57
	Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	17.4	69	14	14.6	12.1	28.2
	Spec. Cond.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	216.2	616.7			162.9	234.2
	Sulfate	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.16	17.3	5.53	6.57	6.04	5.77
	TDS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	144	380	168	144	160	168
	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	NT	1.85	7.23	7.86	91.8	NT	NT
	Vanadium	ND	ND	ND	0.0045	0.003	ND	ND	0.0028	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Zinc	NT	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

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location MW1B	Alkalinity															48	49	49	58
	Ammonia															ND	ND	ND	ND
	Antimony															ND	ND	ND	ND
	Arsenic															ND	ND	ND	ND
	Barium															0.0057	0.0081	0.0089	0.00843
	Beryllium															ND	ND	ND	ND
	Cadmium															ND	ND	ND	ND
	Calcium															6.83	8.18	6.92	8.77
	Chloride															ND	ND	ND	2.75
	Chromium															0.0055	ND	0.00501	0.00854
	Cobalt															ND	ND	ND	ND
	COD															ND	6.5	ND	ND
	Copper															0.0086	ND	0.00799	0.0104
	Hardness															30	36	33	60
	Iron															1.22	0.651	1.56	2.22
	Lead															ND	ND	0.00552	ND
	Magnesium															3.72	4.58	4.34	5.74
	Manganese															0.038	0.0495	0.0441	0.0541
	Mercury															ND	ND	ND	ND
	Nickel															0.0055	ND	0.00538	0.00801
	Nitrate															ND	ND	ND	ND
	pH																	5.73	6.12
	Potassium															1.25	1.15	1.47	1.36
	Selenium															ND	ND	ND	ND
	Silver															ND	ND	ND	ND
	Sodium															10.2	8.37	6.78	8.88
	Spec. Cond.																	76.3	97.9
	Sulfate															ND	ND	ND	ND
	TDS															440	92	80	92
	Thallium															ND	ND	ND	ND
	Turbidity															28.2	39.4	NT	NT
	Vanadium															ND	ND	ND	ND
	Zinc															0.0102	0.00685	0.0145	0.0179

NEW MONITORING WELL Sampling Started in Fall 2010

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

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location MW2A	Alkalinity															30	40	35	46
	Ammonia															ND	ND	ND	ND
	Antimony															ND	ND	ND	ND
	Arsenic															ND	ND	ND	ND
	Barium															0.0155	0.0299	0.0206	0.0209
	Beryllium															ND	ND	ND	ND
	Cadmium															ND	ND	ND	ND
	Calcium															4.89	7.78	8.86	10.5
	Chloride															ND	2.74	2.69	2.65
	Chromium															0.0084	0.0085	ND	0.0404
	Cobalt															ND	ND	ND	0.014
	COD															ND	7.5	ND	ND
	Copper															0.008	0.0118	0.00689	0.028
	Hardness															19	25	22	32
	Iron															1.38	3.14	0.68	1.27
	Lead															ND	0.0055	ND	ND
	Magnesium															2.15	3.75	3.25	3.59
	Manganese															0.12	0.173	0.204	0.148
	Mercury															ND	ND	ND	0.00059
	Nickel															0.0102	0.0092	0.00547	0.032
	Nitrate															ND	ND	ND	ND
	pH																	5.14	6.08
	Potassium															1.94	2.32	1.8	2.12
	Selenium															ND	ND	ND	ND
	Silver															ND	ND	ND	ND
	Sodium															7.15	7.07	6.09	10.4
	Spec. Cond.																	73.1	118.1
	Sulfate															ND	ND	ND	ND
	TDS															465	112	108	84
	Thallium															ND	ND	ND	ND
	Turbidity															58.9	117.6	NT	NT
	Vanadium															ND	ND	ND	ND
	Zinc															0.0114	0.0229	0.0187	0.0369

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location MW2B	Alkalinity															29	37	33	40
	Ammonia															ND	ND	ND	ND
	Antimony															ND	ND	ND	ND
	Arsenic															ND	ND	ND	ND
	Barium															0.0113	0.0095	0.0123	0.00636
	Beryllium															ND	ND	ND	ND
	Cadmium															ND	ND	ND	ND
	Calcium															4.92	8.72	7.2	9.89
	Chloride															ND	ND	ND	ND
	Chromium															ND	ND	ND	ND
	Cobalt															ND	ND	ND	ND
	COD															ND	ND	ND	ND
	Copper															0.0054	ND	ND	0.00608
	Hardness															18	24	35	30
	Iron															ND	ND	ND	ND
	Lead															ND	ND	ND	ND
	Magnesium															1.94	2.84	2.85	2.44
	Manganese															0.0868	0.063	0.044	0.0393
	Mercury															ND	ND	ND	ND
	Nickel															ND	ND	ND	0.00523
	Nitrate															ND	ND	ND	ND
	pH																	5	5.39
	Potassium															1.36	1.58	1.39	1.66
	Selenium															ND	ND	ND	ND
	Silver															ND	ND	ND	ND
	Sodium															6.99	5.22	4.88	8.64
	Spec. Cond.																	54.9	76
	Sulfate															ND	ND	ND	ND
	TDS															648	56	44	92
	Thallium															ND	ND	ND	ND
	Turbidity															2.43	1.29	NT	NT
	Vanadium															ND	ND	ND	ND
	Zinc															0.00606	0.008	0.00794	0.00753

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location MW3A	Alkalinity															40	24	21	24
	Ammonia															ND	ND	ND	ND
	Antimony															ND	ND	ND	ND
	Arsenic															ND	ND	ND	ND
	Barium															0.144	0.0519	0.111	0.223
	Beryllium															ND	ND	ND	ND
	Cadmium															ND	ND	ND	ND
	Calcium															6.89	6.1	11.1	17.2
	Chloride															ND	2.94	2.89	5.28
	Chromium															0.053	0.0067	0.00753	0.0815
	Cobalt															0.041	0.0108	0.0188	0.0397
	COD															ND	ND	ND	6.3
	Copper															0.118	0.018	0.0273	0.122
	Hardness															130	14	22	50
	Iron															61.7	5.99	6.67	86.1
	Lead															**0.0259**	0.0089	**0.023**	**0.0435**
	Magnesium															20.9	3.68	7.04	28.1
	Manganese															1.08	0.343	0.629	1.17
	Mercury															ND	ND	ND	ND
	Nickel															0.0816	0.0067	0.00978	0.0752
	Nitrate															ND	ND	ND	ND
	pH																	5.55	5.85
	Potassium															13	1.98	2.86	15
	Selenium															ND	ND	ND	ND
	Silver															ND	ND	ND	ND
	Sodium															7.66	4.12	4.19	4.33
	Spec. Cond.																	36.1	41.4
	Sulfate															ND	ND	ND	ND
	TDS															100	60	144	112
	Thallium															ND	ND	ND	ND
	Turbidity															1535	151.5	NT	NT
	Vanadium															0.0529	0.01	0.0124	0.1
	Zinc															0.227	0.0275	0.0459	0.235

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location MW3B	Alkalinity															160	110	80	111
	Ammonia															ND	ND	ND	ND
	Antimony															ND	ND	ND	ND
	Arsenic															ND	ND	ND	ND
	Barium															0.0943	0.237	0.175	0.0994
	Beryllium															ND	ND	ND	ND
	Cadmium															ND	ND	ND	ND
	Calcium															10.7	63	57.4	42.3
	Chloride															ND	4.59	2.57	3.49
	Chromium															0.0246	0.018	0.0129	0.0409
	Cobalt															ND	0.027	0.00643	0.012
	COD															ND	22.4	7.6	6.7
	Copper															0.0125	0.0533	0.0184	0.0403
	Hardness															100	66	45	114
	Iron															1.33	9.62	3.89	19.4
	Lead															ND	**0.041**	0.011	0.0138
	Magnesium															0.715	10.6	5.36	11.7
	Manganese															0.0395	1.26	0.276	0.371
	Mercury															ND	ND	ND	ND
	Nickel															0.0266	0.031	0.0103	0.0363
	Nitrate															ND	ND	ND	ND
	pH																	10.2	8.47
	Potassium															26	9.54	9.11	7.83
	Selenium															ND	ND	ND	ND
	Silver															ND	ND	ND	ND
	Sodium															56.7	107	41	48.6
	Spec. Cond.																	279.6	223.9
	Sulfate															13.5	165	36.9	65.7
	TDS															332	472	188	268
	Thallium															ND	ND	ND	ND
	Turbidity															42	2130	NT	NT
	Vanadium															0.0047	0.0279	0.0098	0.022
	Zinc															0.0123	0.108	0.0359	0.0724

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location MW04	Alkalinity															70	60	52	56
	Ammonia															ND	ND	ND	ND
	Antimony															ND	ND	ND	ND
	Arsenic															ND	ND	ND	ND
	Barium															0.228	0.0431	0.0409	0.0721
	Beryllium															ND	ND	ND	ND
	Cadmium															ND	ND	ND	ND
	Calcium															34.4	35.5	34.5	40.4
	Chloride															106	138	120	145
	Chromium															0.0261	ND	ND	0.00761
	Cobalt															0.0264	ND	ND	ND
	COD															ND	ND	ND	3.1
	Copper															0.037	ND	ND	0.0145
	Hardness															183	200	163	188
	Iron															37.6	1.21	1.06	7.69
	Lead															**0.022**	ND	ND	ND
	Magnesium															30.9	25.8	22.9	25.5
	Manganese															2.87	0.138	0.104	0.549
	Mercury															ND	ND	ND	ND
	Nickel															0.0758	0.0108	0.00554	0.0157
	Nitrate															0.3756	0.378	0.406	0.47
	pH																	5.7	5.96
	Potassium															12.2	3.56	2.76	4.51
	Selenium															ND	ND	ND	ND
	Silver															ND	ND	ND	ND
	Sodium															29.4	30.2	29.4	29.7
	Spec. Cond.																	421.5	587.4
	Sulfate															ND	ND	ND	ND
	TDS															552	552	520	528
	Thallium															ND	ND	ND	ND
	Turbidity															880	13.2	NT	NT
	Vanadium															0.0213	ND	ND	ND
	Zinc															0.138	0.00782	0.00755	0.0313

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location MW06	Alkalinity															260	264	214	238
	Ammonia															ND	ND	ND	ND
	Antimony															ND	ND	ND	ND
	Arsenic															ND	ND	ND	ND
	Barium															0.675	0.303	0.319	0.365
	Beryllium															**0.007**	ND	ND	ND
	Cadmium															**0.0082**	ND	**0.00656**	**0.00618**
	Calcium															62.6	73.9	70.3	78.7
	Chloride															222	200	226	243
	Chromium															0.0533	ND	ND	0.00728
	Cobalt															0.33	0.322	0.216	0.374
	COD															ND	17.3	ND	ND
	Copper															0.143	0.0157	0.0106	0.0243
	Hardness															430	1720	430	470
	Iron															69.4	2.9	0.897	4.76
	Lead															**0.0519**	0.0101	0.011	0.0137
	Magnesium															57.9	54.9	53.5	56.3
	Manganese															38.9	54	37.63	44.4
	Mercury															ND	0.00035	ND	ND
	Nickel															0.154	0.0339	0.032	0.0429
	Nitrate															0.0757	ND	ND	ND
	pH																	5.58	5.86
	Potassium															4.92	2.94	3.71	3.63
	Selenium															0.0429	0.0113	0.00983	0.00963
	Silver															ND	ND	ND	ND
	Sodium															56.2	63.1	61.2	70.9
	Spec. Cond.																	984.9	1228
	Sulfate															54.1	58.7	45.2	43.4
	TDS															1080	868	1036	976
	Thallium															ND	ND	0.0001	ND
	Turbidity															5300	1540	NT	NT
	Vanadium															0.0531	ND	ND	0.0054
	Zinc															0.5	0.0516	0.0487	0.0616

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location MW07	Alkalinity															90	42	69	42
	Ammonia															ND	ND	ND	ND
	Antimony															ND	ND	ND	ND
	Arsenic															ND	ND	ND	ND
	Barium															0.0666	0.0674	0.0636	0.058
	Beryllium															ND	ND	ND	ND
	Cadmium															ND	ND	ND	ND
	Calcium															46.7	46.5	55.2	41.7
	Chloride															131	119	117	70.3
	Chromium															ND	ND	ND	ND
	Cobalt															0.0066	ND	ND	0.0065
	COD															12.6	15	15.1	14.6
	Copper															0.016	0.01	0.0084	0.0115
	Hardness															650	219	241	198
	Iron															0.69	0.517	ND	0.478
	Lead															ND	ND	ND	ND
	Magnesium															23.2	28.1	31.5	25.7
	Manganese															2.01	0.761	0.562	0.681
	Mercury															ND	ND	ND	ND
	Nickel															0.0157	0.0064	0.00506	0.00667
	Nitrate															**10.35**	**14.59**	**18.45**	**29.09**
	pH																	5.55	5.62
	Potassium															3.16	3.81	3.36	3.09
	Selenium															ND	ND	ND	ND
	Silver															ND	ND	ND	ND
	Sodium															33.4	32.6	31.7	22.7
	Spec. Cond.																	568.3	601.2
	Sulfate															13.1	12.4	11.7	5.6
	TDS															648	552	788	528
	Thallium															ND	ND	ND	ND
	Turbidity															11.1	6.06	NT	NT
	Vanadium															ND	ND	ND	ND
	Zinc															0.0246	0.0119	0.0106	0.0148

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location MW08	Alkalinity															190	480	209	166
	Ammonia															0.726	1.94	ND	ND
	Antimony															ND	ND	ND	ND
	Arsenic															ND	ND	ND	ND
	Barium															0.273	0.177	0.109	0.12
	Beryllium															ND	ND	ND	ND
	Cadmium															ND	ND	ND	ND
	Calcium															59	114	76.2	70.1
	Chloride															190	207	210	198
	Chromium															0.0215	ND	ND	ND
	Cobalt															0.0816	ND	ND	ND
	COD															ND	26.3	6.2	11.5
	Copper															0.054	0.0145	0.0067	0.00811
	Hardness															270	600	99	332
	Iron															15.1	1.69	0.69	1.15
	Lead															0.01	ND	ND	ND
	Magnesium															36.9	90.9	50.2	40.5
	Manganese															3.46	0.144	0.0902	0.0101
	Mercury															ND	ND	ND	ND
	Nickel															0.0534	0.0082	0.00713	0.0065
	Nitrate															7.63	**13.85**	5.65	**14.79**
	pH																	6.65	6.59
	Potassium															10.4	19.1	14	11.8
	Selenium															ND	ND	ND	ND
	Silver															ND	ND	ND	ND
	Sodium															104	139	124	106
	Spec. Cond.																	1040	1154
	Sulfate															55	68.5	72.6	67.4
	TDS															696	1136	1016	776
	Thallium															ND	ND	ND	ND
	Turbidity															1227	22.7	NT	NT
	Vanadium															0.0366	ND	ND	ND
	Zinc															0.16	0.0143	0.0109	0.0104

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Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location MW09	Alkalinity															64	110	44	34
	Ammonia															ND	ND	ND	ND
	Antimony															ND	ND	ND	ND
	Arsenic															ND	ND	ND	ND
	Barium															0.334	0.156	0.172	0.0682
	Beryllium															ND	ND	ND	ND
	Cadmium															ND	ND	ND	ND
	Calcium															15.8	14.9	12.4	10.48
	Chloride															11.9	10.9	12.3	12.1
	Chromium															0.0588	0.032	ND	0.00903
	Cobalt															0.0341	0.016	ND	ND
	COD															ND	ND	ND	ND
	Copper															0.0339	0.0174	ND	0.0083
	Hardness															80	48	140	50
	Iron															48.6	16.7	ND	3.05
	Lead															**0.0373**	0.0132	0.0124	ND
	Magnesium															24.4	13.2	6.9	7.22
	Manganese															1.8	0.689	0.196	0.242
	Mercury															ND	ND	0.00035	ND
	Nickel															0.0553	0.0274	ND	0.00936
	Nitrate															1.25	1.25	1.14	1.47
	pH																	5.25	5.08
	Potassium															17.8	7.41	1.54	2.09
	Selenium															ND	ND	ND	ND
	Silver															ND	ND	ND	ND
	Sodium															7.23	3.75	3.91	4.26
	Spec. Cond.																	105.3	105.1
	Sulfate															ND	ND	ND	ND
	TDS															168	172	116	80
	Thallium															ND	ND	ND	ND
	Turbidity															1160	398	NT	NT
	Vanadium															0.0541	0.0285	ND	ND
	Zinc															0.189	0.0777	0.0166	0.0242

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location MW10	Alkalinity															100	75	78	65
	Ammonia															ND	ND	ND	ND
	Antimony															ND	ND	ND	ND
	Arsenic															ND	ND	ND	ND
	Barium															1.49	0.124	0.414	0.116
	Beryllium															ND	ND	ND	ND
	Cadmium															ND	ND	ND	ND
	Calcium															29.1	14.2	21.2	16.1
	Chloride															6.75	19.4	8.02	8.31
	Chromium															**0.125**	ND	0.00566	0.0102
	Cobalt															0.0659	ND	0.0103	0.00519
	COD															ND	36.6	ND	4.4
	Copper															0.197	0.0123	0.0292	0.027
	Hardness															110	70	72	68
	Iron															201	ND	5.7	9
	Lead															**0.0611**	ND	**0.0153**	ND
	Magnesium															78.3	9.1112	10.7	9.78
	Manganese															3.59	0.044	0.38	0.158
	Mercury															ND	ND	ND	ND
	Nickel															0.111	ND	0.013	0.0112
	Nitrate															ND	ND	ND	ND
	pH																	5.35	5.8
	Potassium															43.5	1.26	2.12	2.78
	Selenium															0.0085	ND	ND	ND
	Silver															ND	ND	ND	ND
	Sodium															12.4	10.1	8.3	8.54
	Spec. Cond.																	132.5	144.6
	Sulfate															7.56	8.3	7.83	8.02
	TDS															148	140	140	116
	Thallium															ND	ND	ND	ND
	Turbidity															4340	3140	NT	NT
	Vanadium															0.189	ND	0.00943	0.0242
	Zinc															0.337	0.132	0.0575	0.0335

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Metals and Other Water Quality Parameters - Long Term Summary

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location MW11A	Alkalinity															50	27	40	33
	Ammonia															ND	ND	ND	ND
	Antimony															ND	ND	ND	ND
	Arsenic															ND	ND	ND	ND
	Barium															0.749	0.274	0.148	0.138
	Beryllium															ND	ND	ND	ND
	Cadmium															ND	ND	ND	ND
	Calcium															23.4	14.8	15.1	11.4
	Chloride															4.22	10.9	4.52	4.17
	Chromium															**0.144**	0.0273	0.00963	0.0354
	Cobalt															0.0695	0.0181	0.0103	0.014
	COD															ND	ND	ND	ND
	Copper															0.0825	0.026	0.0135	0.0452
	Hardness															90	36	54	52
	Iron															149	12.1	7.54	22.56
	Lead															**0.0499**	**0.0156**	0.0122	0.00689
	Magnesium															66.6	11.2	8.63	11.7
	Manganese															3.47	0.738	0.319	0.451
	Mercury															ND	ND	ND	ND
	Nickel															0.145	0.0277	0.0171	0.0312
	Nitrate															1.4774	1.1	1.94	1.29
	pH																	5.14	5.51
	Potassium															27.7	1.87	1.3	4.85
	Selenium															0.0056	ND	ND	ND
	Silver															ND	ND	ND	ND
	Sodium															8.49	4.21	5.15	4.66
	Spec. Cond.																	92	93.3
	Sulfate															7.07	6.28	5.94	5.83
	TDS															108	72	96	64
	Thallium															ND	ND	ND	ND
	Turbidity															4880	1600	NT	NT
	Vanadium															0.124	0.0093	0.00545	0.0425
	Zinc															0.334	0.0938	0.0493	0.0788

NEW MONITORING WELL
Sampling Started in Fall 2010

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location MW11B	Alkalinity															100	69	65	68
	Ammonia															ND	ND	ND	ND
	Antimony															ND	ND	ND	ND
	Arsenic															ND	ND	ND	ND
	Barium															0.0744	0.0194	0.0188	0.0252
	Beryllium															ND	ND	ND	ND
	Cadmium															ND	ND	ND	ND
	Calcium															34.4	15.4	14.9	14.3
	Chloride															4.18	4.79	4.38	4.9
	Chromium															0.0082	ND	ND	ND
	Cobalt															0.005	ND	ND	ND
	COD															ND	ND	ND	ND
	Copper															0.0131	ND	ND	0.00742
	Hardness															94	66	58	62
	Iron															6.97	ND	ND	1.37
	Lead															ND	ND	ND	ND
	Magnesium															8.36	6.63	6.3	7.72
	Manganese															0.167	0.012	0.0107	0.0345
	Mercury															ND	ND	ND	ND
	Nickel															0.009	ND	ND	ND
	Nitrate															2.307	2.33	2.19	2.56
	pH																	6.13	6.36
	Potassium															2.5	0.888	0.93	1.12
	Selenium															ND	ND	ND	ND
	Silver															ND	ND	ND	ND
	Sodium															12.6	9.1	8.49	9.38
	Spec. Cond.																	123	156
	Sulfate															ND	ND	ND	ND
	TDS															156	132	116	132
	Thallium															ND	ND	ND	ND
	Turbidity															72.4	4.99	NT	NT
	Vanadium															0.0229	ND	ND	0.00615
	Zinc															0.0209	ND	ND	0.0106

NEW MONITORING WELL Sampling Started in Fall 2010

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location MW12	Alkalinity															15	16	22	12
	Ammonia															ND	ND	ND	ND
	Antimony															ND	ND	ND	ND
	Arsenic															ND	ND	ND	ND
	Barium															1.32	0.749	0.615	0.635
	Beryllium															ND	ND	ND	ND
	Cadmium															ND	ND	ND	ND
	Calcium															82	78.8	65.6	65.2
	Chloride															374	371	286	348
	Chromium															0.1	ND	ND	0.0181
	Cobalt															0.0492	ND	ND	ND
	COD															ND	ND	ND	6.1
	Copper															0.109	0.0111	0.00629	0.0168
	Hardness															360	356	280	276
	Iron															100	2.59	1.22	4.09
	Lead															**0.0616**	ND	0.0106	ND
	Magnesium															69.5	43.1	29.1	32.7
	Manganese															3.02	0.138	0.103	0.155
	Mercury															ND	ND	ND	ND
	Nickel															0.0938	0.0113	0.00795	0.0205
	Nitrate															5.0188	4.38	4.87	4.43
	pH																	4.66	4.8
	Potassium															23.1	5.14	4.12	4.49
	Selenium															0.0062	ND	ND	ND
	Silver															ND	ND	ND	ND
	Sodium															81.5	104	73.7	96.2
	Spec. Cond.																	836.7	1142
	Sulfate															14.7	14.3	15.5	13.9
	TDS															1520	1184	1020	1012
	Thallium															ND	ND	ND	ND
	Turbidity															3920	57.4	NT	NT
	Vanadium															0.085	ND	ND	ND
	Zinc															0.269	0.0352	0.0306	0.039

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location MW13A	Alkalinity															50	224	34	227
	Ammonia															ND	ND	ND	ND
	Antimony															ND	ND	ND	ND
	Arsenic															ND	ND	ND	ND
	Barium															0.332	0.199	0.273	0.687
	Beryllium															ND	ND	ND	ND
	Cadmium															ND	ND	ND	ND
	Calcium															26.5	23.8	24.5	29.1
	Chloride															84.3	83.5	85.1	86.1
	Chromium															0.024	ND	ND	0.0853
	Cobalt															0.029	0.0079	0.0114	0.0683
	COD															34.6	ND	ND	10.1
	Copper															0.071	0.0121	0.0137	0.197
	Hardness															160	128	125	164
	Iron															28.3	3.32	2.96	108
	Lead															0.0112	ND	0.00686	**0.0327**
	Magnesium															23.5	20.7	19.7	47
	Manganese															0.876	0.302	0.376	1.88
	Mercury															0.00032	0.00026	0.00062	**0.00257**
	Nickel															0.0345	0.01	0.00966	0.0773
	Nitrate															2.48	2.29	2.17	1.97
	pH																	4.79	4.93
	Potassium															8.65	3.03	2.72	22.6
	Selenium															ND	ND	ND	ND
	Silver															ND	ND	ND	ND
	Sodium															17.6	16.1	15.5	15.1
	Spec. Cond.																	303	362.1
	Sulfate															ND	ND	ND	ND
	TDS															380	324	456	392
	Thallium															ND	ND	ND	ND
	Turbidity															1048	56.8	NT	NT
	Vanadium															0.0626	0.0099	0.00944	0.238
	Zinc															0.0902	0.0194	0.0224	0.231

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

Sample Site	Parameter	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008	Spring 2009	Fall 2009	Spring 2010	Fall 2010	Spring 2011	Fall 2011	Spring 2012
Monitoring Location MW13B	Alkalinity															230	720	226	742
	Ammonia															ND	ND	ND	ND
	Antimony															ND	ND	ND	ND
	Arsenic															ND	ND	ND	ND
	Barium															0.0676	0.073	0.0706	0.0746
	Beryllium															ND	ND	ND	ND
	Cadmium															ND	ND	ND	ND
	Calcium															82.7	80.5	83.4	91.2
	Chloride															84.6	84.7	85.5	89.5
	Chromium															ND	ND	ND	ND
	Cobalt															ND	ND	ND	ND
	COD															6.2	9.6	3.4	12.1
	Copper															0.0063	ND	ND	ND
	Hardness															360	313	67	334
	Iron															0.571	ND	ND	0.498
	Lead															ND	ND	ND	ND
	Magnesium															27.6	31.4	31.2	32.2
	Manganese															0.0306	0.0323	0.0324	0.0382
	Mercury															0.0002	ND	ND	ND
	Nickel															ND	ND	ND	0.00581
	Nitrate															1.467	1.62	1.6	1.88
	pH																	5.85	5.88
	Potassium															3.3	4.07	3.53	3.5
	Selenium															ND	ND	ND	ND
	Silver															ND	ND	ND	ND
	Sodium															19.9	18.2	17.9	18.9
	Spec. Cond.																	586.8	713.4
	Sulfate															6.18	ND	6.71	7.55
	TDS															540	572	640	560
	Thallium															ND	ND	ND	ND
	Turbidity															0.232	0.364	NT	NT
	Vanadium															ND	ND	ND	ND
	Zinc															ND	ND	ND	0.00501

NEW MONITORING WELL
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TABLE A - Filtered ans 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	0.00907	**0.0105**	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	0.00992	**0.0119**	ND	ND	ND
Barium	Unfiltered	0.214	0.0702	0.356	0.697	0.51	0.281	0.0614	0.221	0.0261	0.0405
	Filtered	0.213	0.063	0.366	0.681	0.512	0.283	0.0606	0.184	0.0242	0.0408
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	81.24	28.37	94	74.4	76	173	124	142	108	82.9
	Filtered	84.9	28.5	89.3	72.7	76.5	169	125	145	114	88.8
Chromium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	0.0133	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt	Unfiltered	0.0219	ND	ND	0.0634	0.057	ND	ND	0.00694	ND	ND
	Filtered	0.0216	ND	ND	0.0624	0.0558	ND	ND	0.005	ND	ND
Copper	Unfiltered	0.0119	0.00631	0.00507	0.0082	0.00958	0.0377	0.0295	0.0309	0.00909	0.00594
	Filtered	0.00724	ND	0.00607	0.00535	0.00583	0.0364	0.0252	0.0088	0.00548	0.00643
Iron	Unfiltered	1.6	1.18	0.396	23.68	29.85	0.804	1.12	12.2	0.957	0.458
	Filtered	0.429	0.865	0.426	22.84	29.76	0.804	0.579	0.714	0.498	0.438
Lead	Unfiltered	ND	ND	ND	ND	ND	ND	ND	0.0081	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	Unfiltered	48.58	11.97	53.1	42.7	52.7	88.9	88.8	61.3	33.6	48.3
	Filtered	50.1	11.5	49.9	41.9	53.5	94.3	89.6	60.4	36.6	52
Manganese	Unfiltered	6.33	0.919	0.0449	19.6	13.7	2.07	1.01	0.592	0.113	0.0676
	Filtered	5.95	0.839	0.0459	20.2	13.2	2.22	1.21	0.517	0.0342	0.0494
Mercury	Unfiltered	0.00036	ND	ND	0.00025	ND	ND	ND	0.00054	0.00029	0.00107
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00038
Nickel	Unfiltered	0.0406	ND	0.0135	0.0215	0.0185	0.0178	0.0234	0.0207	ND	ND
	Filtered	0.0396	ND	0.0138	0.0209	0.0177	0.0168	0.0217	0.0128	ND	ND
Potassium	Unfiltered	4.57	3.76	4.82	7.95	13.1	7.03	5.73	7.39	3.4	2.45
	Filtered	4.22	3.71	5.29	8.23	12.2	7.39	5.1	4.6	3.06	2.43
Selenium	Unfiltered	ND	ND	ND	0.00545	0.00586	0.032	0.0373	0.0121	0.00506	0.00589
	Filtered	ND	ND	ND	0.0052	0.00541	0.0346	0.0412	0.0122	0.00579	0.00735
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	77.79	15.64	37.5	58.9	91	73.3	95	94.3	24.5	28.6
	Filtered	81.5	15.7	35.3	57.7	92.7	79.3	97	78.7	26.1	31.4
Thallium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	0.0148	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	Unfiltered	0.0163	0.00627	0.00652	0.0175	0.0142	0.00692	0.0227	0.0545	0.00575	ND
	Filtered	0.0132	0.00583	0.00727	0.0153	0.00914	0.00935	0.021	0.0217	ND	ND

NS: Not Sampled

TABLE A - Filtered ans Unfiltered Sampling Results for Metals

Parameter		Monitoring Well									
		OB08	OB08A	OB10	OB102	OB105	OB11	OB11A	OB12	OB15	OB25
Antimony	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	Unfiltered	ND	ND	ND	ND	**0.0147**	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	0.00844	ND	ND	ND	ND	ND
Barium	Unfiltered	0.129	0.0735	0.0569	0.355	0.601	0.0295	0.183	0.0174	0.0722	0.146
	Filtered	0.127	0.0706	0.0535	0.344	0.208	0.0301	0.179	0.0178	0.0788	0.0804
Beryllium	Unfiltered	ND	ND	ND	ND	**0.0112**	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	Unfiltered	ND	ND	ND	ND	**0.0109**	**0.0104**	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	**0.0101**	ND	ND	ND	ND
Calcium	Unfiltered	70.8	53.3	48.1	115	160	132	93.4	38.3	16.5	73.3
	Filtered	65	53.6	46.7	115	165	130	90.9	38.2	17.9	74.2
Chromium	Unfiltered	ND	ND	ND	ND	**0.166**	ND	ND	ND	ND	0.0297
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt	Unfiltered	0.00789	0.0171	0.00519	0.0734	0.2	ND	0.025	ND	ND	0.0393
	Filtered	0.00744	0.016	0.00501	0.0706	0.012	ND	0.0242	ND	0.00653	0.0156
Copper	Unfiltered	ND	0.00802	ND	0.0505	0.293	0.00894	0.00569	0.00512	0.00664	0.0374
	Filtered	ND	ND	ND	0.0451	0.00518	0.00675	0.00595	0.00544	ND	ND
Iron	Unfiltered	0.74	3.44	0.975	0.945	253	0.726	1.05	ND	6.6	31.7
	Filtered	0.737	3.5	0.973	0.559	14.1	0.705	0.928	ND	11.75	1.11
Lead	Unfiltered	ND	ND	ND	ND	**0.0726**	ND	ND	ND	ND	0.00771
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	Unfiltered	17.7	21.8	25.8	97.4	168	67.4	69.9	24.5	21.3	57.7
	Filtered	16.8	22.3	25.7	96.1	156.2	66.5	67.6	25.1	20.6	48.3
Manganese	Unfiltered	6.84	7.53	3.15	21.2	6.03	0.758	6.29	0.114	1.28	7.21
	Filtered	7.29	6.97	3.1	21.1	3.37	NS	6.63	0.117	1.62	4.91
Mercury	Unfiltered	ND	ND	ND	ND	**0.00645**	0.00098	ND	ND	ND	0.00129
	Filtered	ND	ND	ND	ND	ND	0.00057	ND	ND	ND	ND
Nickel	Unfiltered	0.00877	0.00751	0.00887	0.0925	0.283	0.0339	0.0192	0.00911	0.015	0.0467
	Filtered	0.0082	0.00665	0.00814	0.09	0.026	0.0326	0.0186	0.00933	0.0144	0.00984
Potassium	Unfiltered	2.85	2.79	3.02	39.9	58.6	5.13	6.41	3.26	2.12	10.7
	Filtered	2.82	2.79	3.09	39	51.03	5.21	6.57	2.94	2.22	9.56
Selenium	Unfiltered	ND	ND	ND	0.017	0.0198	ND	ND	ND	ND	0.00523
	Filtered	ND	ND	ND	0.0163	0.0256	ND	ND	ND	ND	ND
Silver	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	Unfiltered	28	32.9	18.2	532	226	68	99.4	30	29.2	43.9
	Filtered	27	33.7	18.8	508	242	68.3	98.9	30.7	40.3	42.1
Thallium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	Unfiltered	ND	ND	ND	ND	0.363	ND	ND	ND	ND	0.0236
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	Unfiltered	0.00607	0.0101	0.00662	0.013	0.975	0.0453	0.0211	0.00533	0.0966	0.112
	Filtered	ND	0.006	0.0077	0.0127	0.0101	0.0428	0.023	0.00583	0.072	0.00762

NS: Not Sampled

TABLE A - Filtered ans 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	NS	ND	ND	ND	ND	ND
Arsenic	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NS	ND	ND	NS	ND	ND	ND	ND	ND
Barium	Unfiltered	0.00843	0.0209	0.00636	0.223	0.0994	0.0721	0.365	0.058	0.12	0.0682
	Filtered	0.00593	NS	0.00632	0.00758	NS	0.0386	0.267	0.0595	0.124	0.0506
Beryllium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NS	ND	ND	NS	ND	ND	ND	ND	ND
Cadmium	Unfiltered	ND	ND	ND	ND	ND	ND	0.00618	ND	ND	ND
	Filtered	ND	NS	ND	ND	NS	ND	ND	ND	ND	ND
Calcium	Unfiltered	8.77	10.5	9.89	17.2	42.3	40.4	78.7	41.7	70.1	10.48
	Filtered	8.95	NS	9.84	4.43	NS	38.6	83.7	41.3	71.7	9.92
Chromium	Unfiltered	0.00854	0.0404	ND	0.0815	0.0409	0.00761	0.00728	ND	ND	0.00903
	Filtered	ND	NS	ND	ND	NS	ND	ND	ND	ND	ND
Cobalt	Unfiltered	ND	0.014	ND	0.0397	0.012	ND	0.374	0.0065	ND	ND
	Filtered	ND	NS	ND	ND	NS	ND	0.356	0.0054	ND	ND
Copper	Unfiltered	0.0104	0.028	0.00608	0.122	0.0403	0.0145	0.0243	0.0115	0.00811	0.0083
	Filtered	ND	NS	0.00603	ND	NS	ND	0.00618	0.0089	ND	ND
Iron	Unfiltered	2.22	1.27	ND	86.1	19.4	7.69	4.76	0.478	1.15	3.05
	Filtered	ND	NS	ND	ND	NS	0.312	0.392	0.52	0.362	ND
Lead	Unfiltered	ND	ND	ND	0.0435	0.0138	ND	0.0137	ND	ND	ND
	Filtered	ND	NS	ND	ND	NS	ND	ND	ND	ND	ND
Magnesium	Unfiltered	5.74	3.59	2.44	28.1	11.7	25.5	56.3	25.7	40.5	7.22
	Filtered	4.96	NS	2.61	1.78	NS	23.3	57.8	26	42.8	5.79
Manganese	Unfiltered	0.0541	0.148	0.0393	1.17	0.371	0.549	44.4	0.681	0.0101	0.242
	Filtered	ND	NS	0.0418	NS	NS	0.122	47.7	0.647	ND	0.157
Mercury	Unfiltered	ND	0.00059	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	0.00801	NS	ND	ND	NS	ND	ND	ND	ND	ND
Nickel	Unfiltered	ND	0.032	0.00523	0.0752	0.0363	0.0157	0.0429	0.00667	0.0065	0.00936
	Filtered	1.36	NS	0.00701	ND	NS	0.00846	0.0339	0.00593	0.00558	ND
Potassium	Unfiltered	1.05	2.12	1.66	15	7.83	4.51	3.63	3.09	11.8	2.09
	Filtered	ND	NS	1.66	0.909	NS	2.86	3.71	3.06	11.6	1.11
Selenium	Unfiltered	ND	ND	ND	ND	ND	ND	0.00963	ND	ND	ND
	Filtered	ND	NS	ND	ND	NS	ND	ND	ND	ND	ND
Silver	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	8.88	NS	ND	ND	NS	ND	ND	ND	ND	ND
Sodium	Unfiltered	9.05	10.4	8.64	4.33	48.6	29.7	70.9	22.7	106	4.26
	Filtered	ND	NS	9.67	3.84	NS	29.1	77.8	22.8	113	3.7
Thallium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	NS	ND	ND	NS	ND	ND	ND	ND	ND
Vanadium	Unfiltered	ND	ND	ND	0.1	0.022	ND	0.0054	ND	ND	ND
	Filtered	0.0179	NS	ND	ND	NS	ND	ND	ND	ND	ND
Zinc	Unfiltered	0.00677	0.0369	0.00753	0.235	0.0724	0.0313	0.0616	0.0148	0.0104	0.0242
	Filtered	ND	NS	0.00782	0.00678	NS	0.00693	0.0334	0.0121	ND	0.0108

NS: Not Sampled

TABLE A - Filtered ans 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	0.116	0.138	0.0252	0.635	0.687	0.0746	0.00636	0.697	0.1904969
	Filtered	0.0681	0.0258	0.0201	0.589	0.19	0.0767	0.00593	0.681	0.1513538
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	16.1	11.4	14.3	65.2	29.1	91.2	8.77	173	65.054167
	Filtered	15.8	9.75	15.1	61	29	77	4.43	169	66.655588
Chromium	Unfiltered	0.0102	0.0354	ND	0.0181	0.0853	ND	0.00728	0.166	0.0395186
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt	Unfiltered	0.00519	0.014	ND	ND	0.0683	ND	0.00519	0.374	0.0553058
	Filtered	ND	ND	ND	ND	0.00642	ND	0.005	0.356	0.0446667
Copper	Unfiltered	0.027	0.0452	0.00742	0.0168	0.197	ND	0.00507	0.293	0.0344367
	Filtered	ND	ND	ND	0.008	ND	ND	0.00518	0.0451	0.0113517
Iron	Unfiltered	9	22.56	1.37	4.09	108	0.498	0.396	253	18.913441
	Filtered	ND	ND	ND	0.313	ND	0.425	0.312	29.76	3.76156
Lead	Unfiltered	ND	0.00689	ND	ND	**0.0327**	ND	0.00689	0.0726	0.024875
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	Unfiltered	9.78	11.7	7.72	32.7	47	32.2	2.44	168	40.259444
	Filtered	7.69	3.55	8.06	30	21.1	27.4	1.78	156.2	39.642353
Manganese	Unfiltered	0.158	0.451	0.0345	0.155	1.88	0.0382	0.0101	44.4	4.3119361
	Filtered	0.0272	0.015	0.00906	0.0554	0.238	0.0374	0.00906	47.7	4.947412
Mercury	Unfiltered	ND	ND	ND	ND	**0.00257**	ND	0.00025	0.00645	0.001439
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	Unfiltered	0.0112	0.0312	ND	0.0205	0.0773	0.00581	0.00523	0.283	0.0340784
	Filtered	ND	ND	ND	0.0104	0.00832	0.00529	0.00529	1.36	0.0696904
Potassium	Unfiltered	2.78	4.85	1.12	4.49	22.6	3.5	1.05	58.6	7.975
	Filtered	1.14	0.812	0.9	3.78	2.25	3.55	0.812	51.03	6.6303333
Selenium	Unfiltered	ND	ND	ND	ND	ND	ND	0.00506	0.0373	0.01412
	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	8.54	4.66	9.38	96.2	15.1	18.9	4.26	532	60.319167
	Filtered	9.68	5.15	10.16	91.8	16.4	16.2	3.7	508	64.075758
Thallium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	Unfiltered	0.0242	0.0425	0.00615	ND	0.238	ND	0.0054	0.363	0.083965
	Filtered	ND	ND	ND	ND	ND	ND	0.0179	0.0179	0.0179
Zinc	Unfiltered	0.0335	0.0788	0.0106	0.039	0.231	0.00501	0.00501	0.975	0.066874
	Filtered	0.0109	0.00887	ND	0.0242	0.0121	ND	0.00583	0.072	0.01572

NS: Not Sampled

Appendix E

Table of Groundwater Elevations and Groundwater Elevation Contour Map

Results in (ft. AMSL)

TABLE 5 - Water Table Elevations
Gude Landfill

Monitoring Well	Well Elevation (ft)	Fall 2010 Water Elevation	Spring 2011 Water Elevation (ft)	Fall 2011 Water Elevation (ft)	Spring 2012 Water Elevation (ft)	Elevation Change From Fall 2011 (ft)	Spring 2012 Measured Water Elevation From Ground Level (ft)
OB01	415.90	399.65	402.30	401.80	401.32	-0.5	14.58
OB02	418.48	400.98	404.18	400.28	402.93	2.7	15.55
OB02A	418.61	401.01	404.51	400.51	403.16	2.7	15.45
OB03	409.86	385.66	390.96	385.71	388.39	2.7	21.47
OB03A	410.06	385.66	390.26	386.06	388.45	2.4	21.61
OB04	364.21	358.71	359.71	359.21	359.53	0.3	4.68
OB04A	365.37	359.37	360.47	359.82	360.16	0.3	5.21
OB06	339.78	329.08	332.88	328.28	331.60	3.3	8.18
OB07	329.49	320.39	323.99	320.19	323.33	3.1	6.16
OB7A	328.44	319.84	323.24	319.79	323.05	3.3	5.39
OB08	325.11	318.01	318.91	318.31	318.74	0.4	6.37
OB08A	325.31	317.61	318.81	317.91	318.09	0.2	7.22
OB10	325.77	318.27	318.97	318.72	318.99	0.3	6.78
OB102	363.17	349.97	352.52	349.47	351.83	2.4	11.34
OB105	363.45	359.85	360.85	360.25	360.90	0.6	2.55
OB11	362.56	353.26	355.16	353.56	354.41	0.9	8.15
OB11A	361.90	352.70	354.20	353.30	353.67	0.4	8.23
OB12	405.01	386.81	389.91	386.21	388.82	2.6	16.19
OB015	410.01	387.01	391.71	386.81	390.22	3.4	19.79
OB025	361.89	352.79	355.59	353.19	354.17	1.0	7.72
MW1B	434.00	388.10	385.90	385.55	384.34	-1.2	49.66
MW2A	445.53	381.53	375.33	377.68	372.58	-5.1	72.95
MW2B	444.45	381.55	374.95	377.65	372.58	-5.1	71.87
MW3A	324.54	314.39	315.84	315.14	315.30	0.2	9.24
MW3B	324.73	316.13	317.63	313.13	316.57	3.4	8.16
MW04	324.75	317.90	318.25	318.10	318.29	0.2	6.46
MW06	417.29	400.59	401.20	402.24	402.20	0.0	15.09
MW07	433.81	389.51	392.41	388.01	389.27	1.3	44.54
MW08	412.66	388.86	394.76	389.56	392.46	2.9	20.2
MW09	417.69	398.19	401.49	397.39	400.11	2.7	17.58
MW10	394.03	385.13	390.33	385.03	387.79	2.8	6.24
MW11A	393.45	375.85	382.05	376.35	379.52	3.2	13.93
MW11B	393.40	374.95	379.10	376.30	378.34	2.0	15.06
MW12	397.55	382.20	384.55	382.10	384.14	2.0	13.41
MW13A	373.37	365.97	367.67	366.77	367.55	0.8	5.82
MW13B	373.35	366.95	368.45	367.65	368.37	0.7	4.98
AVERAGE						**1.2**	

NOTES:
- Elevations are from Sea Level

SPRING 2012

General Groundwater Flow Direction at Gude Landfall - SPRING 2012