



DEPARTMENT OF ENVIRONMENTAL PROTECTION

Isiah Leggett
County Executive

Lisa Feldt
Director

July 2, 2015

Mr. Edward M. Dexter, Program Administrator
Solid Waste Programs
Maryland Department of the Environment
1800 Washington Boulevard
Baltimore, Maryland 21230

Dear Mr. Dexter:

Please find enclosed the results for the latest water quality monitoring performed at the Oaks Solid Waste Landfill in Montgomery County for the semiannual period from October 2014 to April 2015. This report provides a summary of the results of water quality monitoring as required by Code of Maryland Regulations (COMAR) 26.04.07.22, COMAR 26.04.07.21E(5), COMAR 26.04.07.21E(5a), and the Code of Federal Regulations 40 CFR 258. This report is also submitted in fulfillment of the Environmental Monitoring Plan (EMP) requirements approved by Maryland Department of the Environment (MDE) on May 15, 2012.

To comply with these requirements, the County collects water samples at 27 groundwater monitoring wells and two stream locations semiannually. The landfill site is also monitored for methane gas from the 27 groundwater wells and also from 21 methane gas monitoring wells. The results of methane gas monitoring from the 27 groundwater wells are included in this report but the results for the 21 methane gas monitoring are reported to Maryland Department of the Environment (MDE) under a separate report. In addition, Montgomery County DEP, under MDE's guidance and collaboration, is currently conducting a study called a "Nature and Extent Investigation" (NEI), examining the nature and extent of the volatile organic compounds (VOCs) detected in the monitoring wells at the Oaks Landfill site.

Data collected during this reporting period represents typical seasonal fluctuations in water quality with respect to monitored parameters for this landfill. Based on the sampling results obtained during this reporting period, there are no indications of any environmental consequences that would require special attention. Overall, results obtained for this reporting period are consistent with historical monitoring results in terms of the type, location, and concentrations of pollutants.

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The following is a summary of monitoring results obtained from the latest semiannual monitoring activities performed in October 2014.

➤ **VOLATILE ORGANIC COMPOUNDS:**

The highlights of the results for this reporting period are listed below. Please refer to Table 1 of this report for all the VOC results.

- Compared to previous monitoring results, the number of VOCs detected during this monitoring period shows a decrease from seven to two samples containing VOCs concentrations above the recommended Maximum Contamination Level (MCL) established by the EPA's National Primary Drinking Water Standards.
- The average water levels in all monitoring wells during the latest monitoring event shows an increase in water table levels of 5.24 ft. compared to measurements obtained in October 2014. The general trend over the years have been that during periods when the water table is low, the number and concentrations of contaminants increase and when the water table recovers, the number and concentrations of detected VOCs decrease.
- Consistent with prior results relative to monitoring locations and the type of detected VOCs, the MCL exceedances were detected in monitoring wells MW06 (one exceedance) and MW23(one exceedance). The VOC concentrations exceeding the recommended MCL are as follows:
 - **Tetrachloroethene** concentration exceeded the MCL of 5 ug/l in monitoring wells MW06 at 8.21 ug/l and in MW023 at 5.26 ug/l.
- The previous monitoring periods included seven MCL exceedance for the Fall 2014 and only one exceedance for the Spring 2014. (Note that there are no domestic drinking water wells in the vicinity of this site.)

➤ **ELEMENTS AND INDICATORS:**

- For this reporting period, none of the metals analyses exceeded the recommended Maximum Contamination Levels (MCL) contained in National Primary Drinking Water Regulations in any of the monitoring sites.

➤ **METHANE GAS:**

- Methane gas has not been detected at any of the water monitoring wells during this reporting period.

➤ **GROUNDWATER ELEVATION:**

- Due to typical seasonal precipitation fluctuations for this area, the average water levels in the monitoring wells during this latest monitoring event shows an increase of 5.24 ft. compared to measurements obtained in October 2014. As mentioned above, the general trend over the past several years is that during periods when the water table is low, the number and concentrations of contaminants increase and when the water table recovers, as has occurred during this latest monitoring period, the number and concentrations of contaminants decrease.

Based on the data and information collected and processed for this reporting period, there are no indications of any uncharacteristic results and therefore no further actions are recommended. The County continues to closely monitor the presence of contaminants and will notify MDE prior to the next report in the event a detection is found to be significantly different or unexpected from previous levels that cannot be explained by water table variations.

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

Sincerely,

A handwritten signature in cursive script, appearing to read "David Lake".

David Lake, Manager
Water and Wastewater Policy Group

cc: Lisa Feldt,
Director, Department of Environmental Protection

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

**WATER QUALITY AND METHANE
MONITORING REPORT**

for

OAKS LANDFILL

Montgomery County, Maryland

Spring 2015

Report Period: October 2014 through April 2015

Prepared by Montgomery County Department of Environmental Protection

Prepared for Maryland Department of Environment, Solid Waste Program

July 2, 2015

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Introduction

The County Department of Environmental Protection (DEP) operates a groundwater monitoring program for the Oaks Landfill (closed as of 1997). To monitor the quality of ground and surface water, DEP samples twenty-seven groundwater observation wells and two surface water stations on a semiannual basis. Locations of these wells can be found on the aerial photo marked *Oaks Landfill Sampling Locations* in Appendix A. Parameters measured or analyzed include: field parameters (temperature, pH, conductivity), MDE Table 1 and 2 (Volatile Organic Compounds) in Appendix B, and Table 3 and 4 (Elements and Indicator Parameters) in Appendix D.

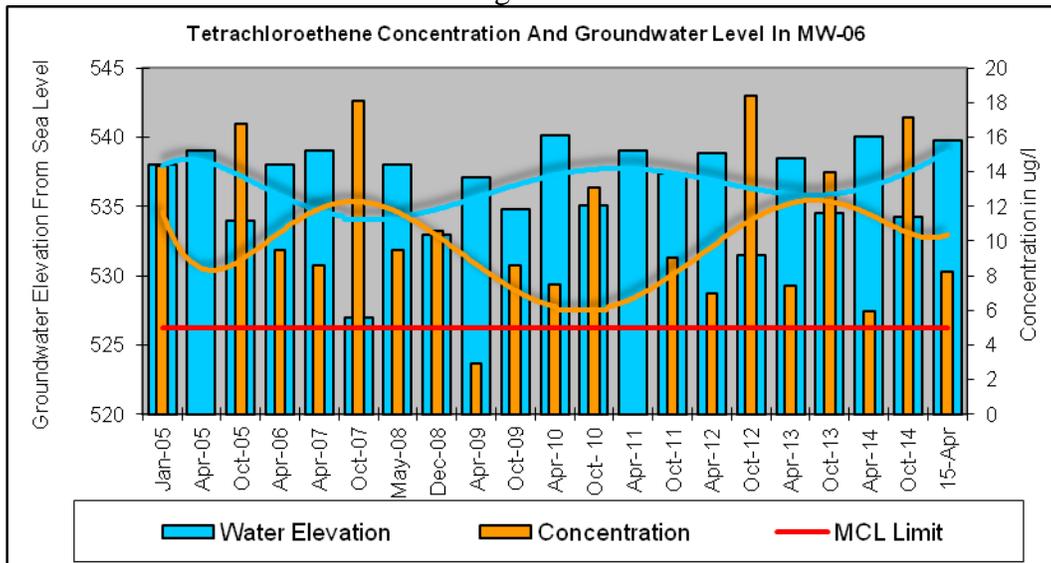
This report is organized into five sections, which discuss the results and observations based on the landfill water quality monitoring program. The five sections include a discussion of:

- Volatile Organic Compounds (VOC) sampling results
- Metals sampling results
- Groundwater elevation and flow
- Methane Gas
- Trends Analysis/Conclusions

The appendices (Appendix A through E) provide data tables for reference, as well as aerial photos and maps.

1. Volatile Organic Compounds Sampling Results

The trends observed in recent years regarding the concentration changes of VOCs in groundwater which were reported in prior reports including the last report (Spring 2014) continue to be observed. The general trend over the past several years is that during periods when the water table is low, concentrations of contaminants increase and when the water table recovers due to infiltration of precipitation (usually with a two to three month lag), the contaminants concentration decrease. This correlation between contaminant concentrations and water level fluctuations in monitoring wells has been depicted in the following graph. Similar trends have been observed in other monitoring wells.



Changes from the last report include the following:

- Compared to previous monitoring results, the number of VOCs detected during this monitoring period shows a decrease from seven to two samples containing VOCs concentrations above the recommended Maximum Contamination Level (MCL) established by the EPA's National Primary Drinking Water Standards.
- The average water levels in all monitoring wells during the latest monitoring event shows an increase in water table levels of 5.24 ft. compared to measurements obtained in October 2014. The general trend over the years have been that during periods when the water table is low, the number and concentrations of contaminants increase and when the water table recovers, the number and concentrations of detected VOCs decrease.
- Consistent with prior results relative to monitoring locations and the type of detected VOCs, the MCL exceedances were detected in monitoring wells MW06 (one exceedance) and MW23(one exceedance). The VOCs concentrations exceeding the recommended MCLs include:
 - **Tetrachloroethene** concentration exceeded the MCL of 5 ug/l in monitoring wells MW06 at 8.21 ug/l and in MW023 at 5.26 ug/l.
- The previous monitoring periods included seven MCL exceedance for the Fall 2014 and only one exceedance for the Spring 2014. (Note that there are no domestic drinking water wells in the vicinity of this site.)
- Five samples containing 1,1-Dichloroethane concentrations were detected in MW-02 at 1.28 ug/l, in MW-06 at 2.52 ug/l, in MW-07 at 6.97, in MW-22 at 1.27 ug/l, and in MW-23 at 1.61 ug/l. There are no MCL established for this compound.
- Seven samples containing 1,2-Dibromomethane concentrations were detected in MW-02 at 1.13 ug/l, in MW03 at 1.13 ug/l, in MW05 at 1.14 ug/l, in MW-10 at 1.15 ug/l, in MW-16 at 1.13, and in MW-18A at 1.13 ug/l. There are no MCL established for this compound.
- Six samples containing cis-1,2-Dichloroethane concentrations below the MCL of 70 ug/l were detected at MW-05 at 1.52 ug/l, in MW-06 at 4.84 ug/l, in MW-07 at 6.35 ug/l, in MW-22 at 3.12, MW-23 at 3.38 ug/l, and in MW-24 at 1.16ug/l.
- In addition to the two samples containing Tetrachloroethene above the recommended MCL of 5 ug/l mentioned previously, six other samples contained Tetrachloroethene concentrations below the MCL of 5 ug/l. These included samples from MW-02 at 1.53 ug/l, in MW-05 at 1.73 ug/l, in MW07 at 3.78 ug/l, in MW-14 at 1.2 ug/l, and in MW-22 at 3.91 ug/l and in MW-24 at 1.79 ug/l.
- One sample containing Dichloromethane (Methylene Chloride) concentration below the MCL of 5 ug/l was detected in monitoring wells MW-06 at 2.68 ug/l.

- Four samples containing Trichloroethene concentrations below the MCL of 5 ug/l were detected in monitoring wells MW-06 at 1.27 ug/l, in MW07 at 1.96 ug/l, in MW-22 at 1.59 ug/l, and in monitoring MW-23 at 1.79 ug/l.

Results and additional information for all of the VOCs can be found in Appendix B. Table 1 contains the results from the October 2014 sampling event. Table 2 shows the monitoring results for the past several years.

2. Metals Sampling Results

For this reporting period, none of the metals analyses exceeded the recommended Maximum Contamination Levels (MCL) contained in National Primary Drinking Water Regulations in any of the monitoring sites.

Similar to previous analyses, trace concentrations (concentration below reliable detection limit and the EPA MCL) for lead, mercury, and other metals were detected in some of the monitoring wells.

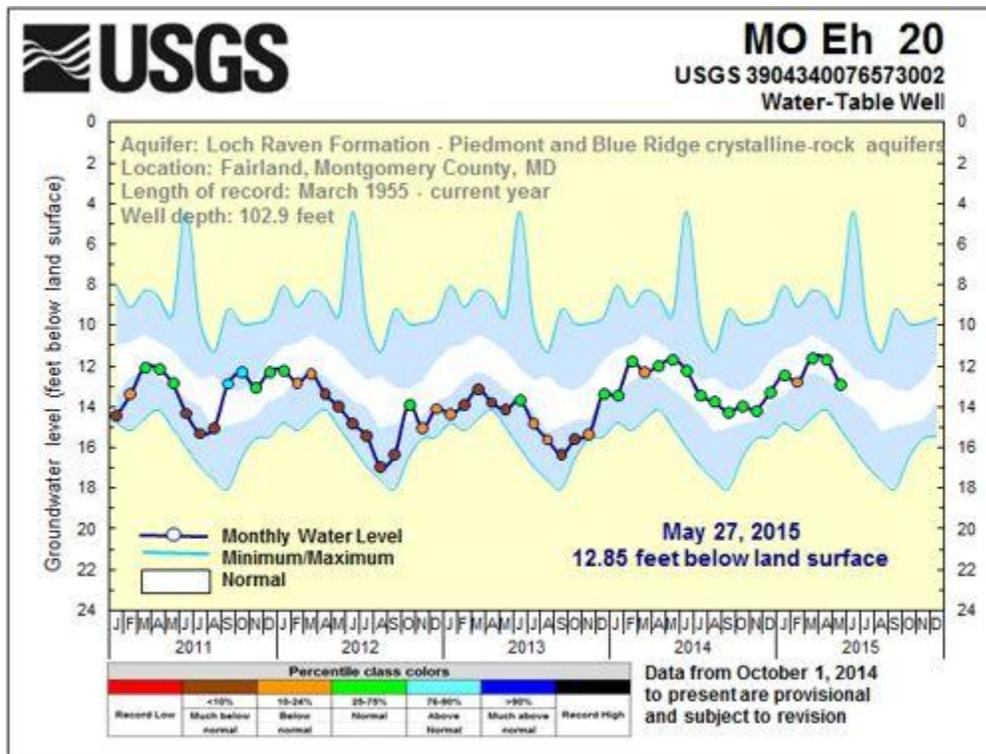
In order to evaluate the groundwater turbidity and its potential interferences to metals analysis, the County collected filtered and unfiltered groundwater samples for each monitoring well. The metals analysis conducted on filtered and unfiltered samples indicate insignificant reductions in concentrations for most of metals in filtered samples. Please refer to Table-A, Appendix D (Table of Metals) of this report for additional information on filtered and unfiltered sampling results for metals.

Overall, the results indicate comparable concentrations for metals from the last reporting period. Laboratory results for these metals are included in Appendix D, Table-3 of this report.

3. Groundwater Elevations and Flow

As shown in Appendix E, Groundwater elevations at the Oaks Landfill monitoring wells have increased by an average of 5.24 ft. compared to measurements obtained in October 2014. Please refer to Appendix E of this report for additional information. As indicated in prior reports the groundwater elevations at the Oaks Landfill have stabilized and the fluctuations generally appear to follow the trends observed in the surrounding areas as indicated in the following USGS figures from observation well MO-Eh-20 in Montgomery County.

As mentioned previously, the general trend over the past several years is that during periods when the water table is low, the number and concentrations of contaminants increase and when the water table recovers, the number and concentrations decrease.



A table of groundwater elevations, a map of the resultant groundwater table contours and the direction of flow is included in Appendix E.

4. METHANE GAS:

Methane gas has not been detected at any of the groundwater monitoring wells during this reporting period. Tables of Methane gas monitoring results can be found in Appendix F.

5. Conclusions/Trend Analysis

Most of the trends observed for the past several years indicate that the landfill is having a minimal impact on groundwater quality. There have however, been some limited changes occurring in the groundwater. The general trend over the years is that during periods when the water table is low, concentrations of contaminants increase and when the water table recovers, the concentrations decrease. The explanation for this appears to be related to the local hydrogeologic regime and related physical and chemical interactions.

It is hypothesized that lower water tables result in a decrease in pH due to the lower percentage of clays present deeper in the saprolitic column. This decrease in pH both increases the capacity for dissolving and carrying metals, and decreases the speed at which chemical reactions occur that degrade VOCs.

Overlaid on this pattern has been the flattening out of the groundwater gradient under the landfill due to capping in 2001 and the cessation of operations in 1997, as well as the lack of groundwater consumption by neighbors due to the provision of public water in 1990s. As a result of this, there have been some minor changes in flow patterns and resultant chemical concentrations associated with the area wide groundwater elevation changes. A review of the more recent data at the Oaks Landfill would indicate that most of the detected VOCs involve

chlorinated solvent degradation products including Tetrachloroethene, Trichloroethene, 1,1-Dichloroethane, cis-1,2-Dichloroethene, and Dichloromethane in the northwest quadrant of the landfill where MW-06, MW-07, MW-22, MW-23 are located.

For this reporting period, concentration trends and some statistical analysis were performed for some of the above VOCs. A summary of this analysis is provided in Appendix C of this report.

Since the detection of VOCs around the northwest quadrant of the landfill in the early 1990's, and methane exceedences in 1999, the County has been regularly sampling the groundwater to monitor the concentrations of these substances to meet regulatory requirements in the vicinity of the landfill. The County continues to closely monitor the presence of VOCs and methane gas, and will notify MDE prior to next report in the event a detection is found to be significantly different from prior observations and historical trends, that cannot be explained by water table fluctuations.

Appendix A

Oaks Landfill Aerial Photo and

Sample Locations

Oaks Landfill Monitoring Well Locations



Appendix B

Tables of Volatile Organic Compounds

Results in ($\mu\text{g/l}$)

TABLE 1: Volatile Organic Compounds

Parameter	Detection Limit	Units	MW-01	MW-02	MW-03	MW-04	MW-05	MW-06
1,1,1,2-Tetrachloroethane	1	ug/L	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	1	ug/L	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1	ug/L	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ug/L	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	1	ug/L	ND	1.28	ND	ND	ND	2.52
1,1-Dichloroethene	1	ug/L	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	1	ug/L	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	1	ug/L	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	1	ug/L	1.14	1.14	1.13	ND	1.14	ND
1,2-Dichlorobenzene	1	ug/L	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	ug/L	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ug/L	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1	ug/L	ND	ND	ND	ND	ND	ND
2-Butanone	5	ug/L	ND	ND	ND	ND	ND	ND
2-Hexanone	5	ug/L	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	5	ug/L	ND	ND	ND	ND	ND	ND
Acetone	5	ug/L	ND	ND	ND	ND	ND	ND
Acrylonitrile	5	ug/L	ND	ND	ND	ND	ND	ND
Benzene	1	ug/L	ND	ND	ND	ND	ND	ND
Bromochloromethane	1	ug/L	ND	ND	ND	ND	ND	ND
Bromodichloromethane	1	ug/L	ND	ND	ND	ND	ND	ND
Bromoform	1	ug/L	ND	ND	ND	ND	ND	ND
Bromomethane	1	ug/L	ND	ND	ND	ND	ND	ND
Carbon disulfide	1	ug/L	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	1	ug/L	ND	ND	ND	ND	ND	ND
Chlorobenzene	1	ug/L	ND	ND	ND	ND	ND	ND
Chloroethane	1	ug/L	ND	ND	ND	ND	ND	ND
Chloroform	1	ug/L	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	1	ug/L	ND	ND	ND	ND	1.52	4.84
cis-1,3-Dichloropropene	1	ug/L	ND	ND	ND	ND	ND	ND
Dibromochloromethane	1	ug/L	ND	ND	ND	ND	ND	ND
Dibromomethane	1	ug/L	ND	ND	ND	ND	ND	ND
Ethylbenzene	1	ug/L	ND	ND	ND	ND	ND	ND
Methylene Chloride	1	ug/L	ND	ND	ND	ND	ND	ND
Methyl Iodide	1	ug/L	ND	ND	ND	ND	ND	2.68
Methyl Tertiary Butyl Ether	1	ug/L	ND	ND	ND	ND	ND	ND
ortho-Xylene	2	ug/L	ND	ND	ND	ND	ND	ND
para-Xylene & meta-Xylene	1	ug/L	ND	ND	ND	ND	ND	ND
Styrene	1	ug/L	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1	ug/L	ND	1.53	ND	ND	1.73	8.21
Toluene	1	ug/L	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1	ug/L	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5	ug/L	ND	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2-buten	1	ug/L	ND	ND	ND	ND	ND	ND
Trichloroethene	1	ug/L	ND	ND	ND	ND	ND	1.27
Trichlorofluoromethane	1	ug/L	ND	ND	ND	ND	ND	ND
Vinyl Acetate	1	ug/L	ND	ND	ND	ND	ND	ND
Vinyl Chloride	1	ug/L	ND	ND	ND	ND	ND	ND

ND: Not Detected
 NT: Not Tested
 NS: Not Sampled

TABLE 1: Volatile Organic Compounds

Parameter	Detection Limit	Units	MW-07	MW-08	MW-09	MW-10	MW-11	MW-12
1,1,1,2-Tetrachloroethane	1	ug/L	ND	ND	NS	ND	ND	ND
1,1,1-Trichloroethane	1	ug/L	ND	ND	NS	ND	ND	ND
1,1,2,2-Tetrachloroethane	1	ug/L	ND	ND	NS	ND	ND	ND
1,1,2-Trichloroethane	1	ug/L	ND	ND	NS	ND	ND	ND
1,1-Dichloroethane	1	ug/L	6.97	ND	NS	ND	ND	ND
1,1-Dichloroethene	1	ug/L	ND	ND	NS	ND	ND	ND
1,2,3-Trichloropropane	1	ug/L	ND	ND	NS	ND	ND	ND
1,2-Dibromo-3-chloropropane	1	ug/L	ND	ND	NS	ND	ND	ND
1,2-Dibromoethane	1	ug/L	ND	ND	NS	1.15	ND	ND
1,2-Dichlorobenzene	1	ug/L	ND	ND	NS	ND	ND	ND
1,2-Dichloroethane	1	ug/L	ND	ND	NS	ND	ND	ND
1,2-Dichloropropane	1	ug/L	ND	ND	NS	ND	ND	ND
1,4-Dichlorobenzene	1	ug/L	ND	ND	NS	ND	ND	ND
2-Butanone	5	ug/L	ND	ND	NS	ND	ND	ND
2-Hexanone	5	ug/L	ND	ND	NS	ND	ND	ND
4-Methyl-2-pentanone	5	ug/L	ND	ND	NS	ND	ND	ND
Acetone	5	ug/L	ND	ND	NS	ND	ND	ND
Acrylonitrile	5	ug/L	ND	ND	NS	ND	ND	ND
Benzene	1	ug/L	ND	ND	NS	ND	ND	ND
Bromochloromethane	1	ug/L	ND	ND	NS	ND	ND	ND
Bromodichloromethane	1	ug/L	ND	ND	NS	ND	ND	ND
Bromoform	1	ug/L	ND	ND	NS	ND	ND	ND
Bromomethane	1	ug/L	ND	ND	NS	ND	ND	ND
Carbon disulfide	1	ug/L	ND	ND	NS	ND	ND	ND
Carbon Tetrachloride	1	ug/L	ND	ND	NS	ND	ND	ND
Chlorobenzene	1	ug/L	ND	ND	NS	ND	ND	ND
Chloroethane	1	ug/L	ND	ND	NS	ND	ND	ND
Chloroform	1	ug/L	ND	ND	NS	ND	ND	ND
cis-1,2-Dichloroethene	1	ug/L	6.35	ND	NS	ND	ND	ND
cis-1,3-Dichloropropene	1	ug/L	ND	ND	NS	ND	ND	ND
Dibromochloromethane	1	ug/L	ND	ND	NS	ND	ND	ND
Dibromomethane	1	ug/L	ND	ND	NS	ND	ND	ND
Ethylbenzene	1	ug/L	ND	ND	NS	ND	ND	ND
Methylene Chloride	1	ug/L	ND	ND	NS	ND	ND	ND
Methyl Iodide	1	ug/L	ND	ND	NS	ND	ND	ND
Methyl Tertiary Butyl Ether	1	ug/L	ND	ND	NS	ND	ND	ND
ortho-Xylene	2	ug/L	ND	ND	NS	ND	ND	ND
para-Xylene & meta-Xylene	1	ug/L	ND	ND	NS	ND	ND	ND
Styrene	1	ug/L	ND	ND	NS	ND	ND	ND
Tetrachloroethene	1	ug/L	3.78	ND	NS	ND	ND	ND
Toluene	1	ug/L	ND	ND	NS	ND	ND	ND
trans-1,2-Dichloroethene	1	ug/L	ND	ND	NS	ND	ND	ND
trans-1,3-Dichloropropene	5	ug/L	ND	ND	NS	ND	ND	ND
trans-1,4-Dichloro-2-buten	1	ug/L	ND	ND	NS	ND	ND	ND
Trichloroethene	1	ug/L	1.96	ND	NS	ND	ND	ND
Trichlorofluoromethane	1	ug/L	ND	ND	NS	ND	ND	ND
Vinyl Acetate	1	ug/L	ND	ND	NS	ND	ND	ND
Vinyl Chloride	1	ug/L	ND	ND	NS	ND	ND	ND

ND: Not Detected
 NT: Not Tested
 NS: Not Sampled

TABLE 1: Volatile Organic Compounds

Parameter	Detection Limit	Units	MW-13	MW-14	MM-15	MW-16	MW-17	MW-18A
1,1,1,2-Tetrachloroethane	1	ug/L	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	1	ug/L	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1	ug/L	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ug/L	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	1	ug/L	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	1	ug/L	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	1	ug/L	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	1	ug/L	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	1	ug/L	ND	ND	ND	1.13	ND	1.13
1,2-Dichlorobenzene	1	ug/L	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	ug/L	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ug/L	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1	ug/L	ND	ND	ND	ND	ND	ND
2-Butanone	5	ug/L	ND	ND	ND	ND	ND	ND
2-Hexanone	5	ug/L	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	5	ug/L	ND	ND	ND	ND	ND	ND
Acetone	5	ug/L	ND	ND	ND	ND	ND	ND
Acrylonitrile	5	ug/L	ND	ND	ND	ND	ND	ND
Benzene	1	ug/L	ND	ND	ND	ND	ND	ND
Bromochloromethane	1	ug/L	ND	ND	ND	ND	ND	ND
Bromodichloromethane	1	ug/L	ND	ND	ND	ND	ND	ND
Bromoform	1	ug/L	ND	ND	ND	ND	ND	ND
Bromomethane	1	ug/L	ND	ND	ND	ND	ND	ND
Carbon disulfide	1	ug/L	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	1	ug/L	ND	ND	ND	ND	ND	ND
Chlorobenzene	1	ug/L	ND	ND	ND	ND	ND	ND
Chloroethane	1	ug/L	ND	ND	ND	ND	ND	ND
Chloroform	1	ug/L	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	1	ug/L	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	1	ug/L	ND	ND	ND	ND	ND	ND
Dibromochloromethane	1	ug/L	ND	ND	ND	ND	ND	ND
Dibromomethane	1	ug/L	ND	ND	ND	ND	ND	ND
Ethylbenzene	1	ug/L	ND	ND	ND	ND	ND	ND
Methylene Chloride	1	ug/L	ND	ND	ND	ND	ND	ND
Methyl Iodide	1	ug/L	ND	ND	ND	ND	ND	ND
Methyl Tertiary Butyl Ether	1	ug/L	ND	ND	ND	ND	ND	ND
ortho-Xylene	2	ug/L	ND	ND	ND	ND	ND	ND
para-Xylene & meta-Xylene	1	ug/L	ND	ND	ND	ND	ND	ND
Styrene	1	ug/L	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1	ug/L	ND	1.2	ND	ND	ND	ND
Toluene	1	ug/L	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1	ug/L	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5	ug/L	ND	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2-buten	1	ug/L	ND	ND	ND	ND	ND	ND
Trichloroethene	1	ug/L	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	1	ug/L	ND	ND	ND	ND	ND	ND
Vinyl Acetate	1	ug/L	ND	ND	ND	ND	ND	ND
Vinyl Chloride	1	ug/L	ND	ND	ND	ND	ND	ND

ND: Not Detected
 NT: Not Tested
 NS: Not Sampled

TABLE 1: Volatile Organic Compounds

Parameter	Detection Limit	Units	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24
1,1,1,2-Tetrachloroethane	1	ug/L	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	1	ug/L	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1	ug/L	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ug/L	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	1	ug/L	ND	ND	ND	1.27	1.61	ND
1,1-Dichloroethene	1	ug/L	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	1	ug/L	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	1	ug/L	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	1	ug/L	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1	ug/L	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	ug/L	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ug/L	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1	ug/L	ND	ND	ND	ND	ND	ND
2-Butanone	5	ug/L	ND	ND	ND	ND	ND	ND
2-Hexanone	5	ug/L	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	5	ug/L	ND	ND	ND	ND	ND	ND
Acetone	5	ug/L	ND	ND	ND	ND	ND	ND
Acrylonitrile	5	ug/L	ND	ND	ND	ND	ND	ND
Benzene	1	ug/L	ND	ND	ND	ND	ND	ND
Bromochloromethane	1	ug/L	ND	ND	ND	ND	ND	ND
Bromodichloromethane	1	ug/L	ND	ND	ND	ND	ND	ND
Bromoform	1	ug/L	ND	ND	ND	ND	ND	ND
Bromomethane	1	ug/L	ND	ND	ND	ND	ND	ND
Carbon disulfide	1	ug/L	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	1	ug/L	ND	ND	ND	ND	ND	ND
Chlorobenzene	1	ug/L	ND	ND	ND	ND	ND	ND
Chloroethane	1	ug/L	ND	ND	ND	ND	ND	ND
Chloroform	1	ug/L	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	1	ug/L	ND	ND	ND	3.12	3.38	1.16
cis-1,3-Dichloropropene	1	ug/L	ND	ND	ND	ND	ND	ND
Dibromochloromethane	1	ug/L	ND	ND	ND	ND	ND	ND
Dibromomethane	1	ug/L	ND	ND	ND	ND	ND	ND
Ethylbenzene	1	ug/L	ND	ND	ND	ND	ND	ND
Methylene Chloride	1	ug/L	ND	ND	ND	ND	ND	ND
Methyl Iodide	1	ug/L	ND	ND	ND	ND	ND	ND
Methyl Tertiary Butyl Ether	1	ug/L	ND	ND	ND	ND	ND	ND
ortho-Xylene	2	ug/L	ND	ND	ND	ND	ND	ND
para-Xylene & meta-Xylene	1	ug/L	ND	ND	ND	ND	ND	ND
Styrene	1	ug/L	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1	ug/L	ND	ND	ND	3.91	5.26	1.79
Toluene	1	ug/L	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1	ug/L	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5	ug/L	ND	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2-buten	1	ug/L	ND	ND	ND	ND	ND	ND
Trichloroethene	1	ug/L	ND	ND	ND	1.59	1.79	ND
Trichlorofluoromethane	1	ug/L	ND	ND	ND	ND	ND	ND
Vinyl Acetate	1	ug/L	ND	ND	ND	ND	ND	ND
Vinyl Chloride	1	ug/L	ND	ND	ND	ND	ND	ND

ND: Not Detected
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TABLE 1: Volatile Organic Compounds

Parameter	Detection Limit	Units	MW-25	MW-26	MW-27	SW-20	SW-30
1,1,1,2-Tetrachloroethane	1	ug/L	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	1	ug/L	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1	ug/L	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ug/L	ND	ND	ND	ND	ND
1,1-Dichloroethane	1	ug/L	ND	ND	ND	ND	ND
1,1-Dichloroethene	1	ug/L	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	1	ug/L	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	1	ug/L	ND	ND	ND	ND	ND
1,2-Dibromoethane	1	ug/L	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1	ug/L	ND	ND	ND	ND	ND
1,2-Dichloroethane	1	ug/L	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ug/L	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1	ug/L	ND	ND	ND	ND	ND
2-Butanone	5	ug/L	ND	ND	ND	ND	ND
2-Hexanone	5	ug/L	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	5	ug/L	ND	ND	ND	ND	ND
Acetone	5	ug/L	ND	ND	ND	ND	ND
Acrylonitrile	5	ug/L	ND	ND	ND	ND	ND
Benzene	1	ug/L	ND	ND	ND	ND	ND
Bromochloromethane	1	ug/L	ND	ND	ND	ND	ND
Bromodichloromethane	1	ug/L	ND	ND	ND	ND	ND
Bromoform	1	ug/L	ND	ND	ND	ND	ND
Bromomethane	1	ug/L	ND	ND	ND	ND	ND
Carbon disulfide	1	ug/L	ND	ND	ND	ND	ND
Carbon Tetrachloride	1	ug/L	ND	ND	ND	ND	ND
Chlorobenzene	1	ug/L	ND	ND	ND	ND	ND
Chloroethane	1	ug/L	ND	ND	ND	ND	ND
Chloroform	1	ug/L	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	1	ug/L	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	1	ug/L	ND	ND	ND	ND	ND
Dibromochloromethane	1	ug/L	ND	ND	ND	ND	ND
Dibromomethane	1	ug/L	ND	ND	ND	ND	ND
Ethylbenzene	1	ug/L	ND	ND	ND	ND	ND
Methylene Chloride	1	ug/L	ND	ND	ND	ND	ND
Methyl Iodide	1	ug/L	ND	ND	ND	ND	ND
Methyl Tertiary Butyl Ether	1	ug/L	ND	ND	ND	ND	ND
ortho-Xylene	2	ug/L	ND	ND	ND	ND	ND
para-Xylene & meta-Xylene	1	ug/L	ND	ND	ND	ND	ND
Styrene	1	ug/L	ND	ND	ND	ND	ND
Tetrachloroethene	1	ug/L	ND	ND	ND	ND	ND
Toluene	1	ug/L	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1	ug/L	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5	ug/L	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2-buten	1	ug/L	ND	ND	ND	ND	ND
Trichloroethene	1	ug/L	ND	ND	ND	ND	ND
Trichlorofluoromethane	1	ug/L	ND	ND	ND	ND	ND
Vinyl Acetate	1	ug/L	ND	ND	ND	ND	ND
Vinyl Chloride	1	ug/L	ND	ND	ND	ND	ND

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 NS: Not Sampled

TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-01	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-01	1,1,1-Trichloroethane	ug/L	ND																			
MW-01	1,1,2,2-Tetrachloroethane	ug/L	ND	1.52	ND																	
MW-01	1,1,2-Trichloroethane	ug/L	ND																			
MW-01	1,1-Dichloroethane	ug/L	ND																			
MW-01	1,1-Dichloroethene	ug/L	ND																			
MW-01	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-01	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-01	1,2-Dibromoethane	ug/L	ND	1.14																		
MW-01	1,2-Dichlorobenzene	ug/L	ND	1.86	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND						
MW-01	1,2-Dichloroethane	ug/L	ND																			
MW-01	1,2-Dichloropropane	ug/L	ND																			
MW-01	1,4-Dichlorobenzene	ug/L	ND	2	ND																	
MW-01	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-01	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	1.78	ND	ND	NT	ND								
MW-01	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	2.01	NT	ND								
MW-01	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND											
MW-01	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-01	Benzene	ug/L	ND																			
MW-01	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-01	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-01	Bromoform	ug/L	ND																			
MW-01	Bromomethane	ug/L	ND																			
MW-01	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-01	Carbon Tetrachloride	ug/L	ND																			
MW-01	Chlorobenzene	ug/L	ND																			
MW-01	Chloroethane	ug/L	ND																			
MW-01	Chloroform	ug/L	ND																			
MW-01	cis-1,2-Dichloroethene	ug/L	ND																			
MW-01	cis-1,3-Dichloropropene	ug/L	ND																			
MW-01	Dibromochloromethane	ug/L	ND																			
MW-01	Dibromomethane	ug/L	ND																			
MW-01	Ethylbenzene	ug/L	ND																			
MW-01	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-01	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-01	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-01	ortho-Xylene	ug/L	ND																			
MW-01	para-Xylene & meta-Xylene	ug/L	ND																			
MW-01	Styrene	ug/L	ND																			
MW-01	Tetrachloroethene	ug/L	ND																			
MW-01	Toluene	ug/L	ND																			
MW-01	trans-1,2-Dichloroethene	ug/L	ND																			
MW-01	trans-1,3-Dichloropropene	ug/L	ND																			
MW-01	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-01	Trichloroethene	ug/L	ND																			
MW-01	Trichlorofluoromethane	ug/L	ND																			
MW-01	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-01	Vinyl Chloride	ug/L	ND																			

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TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-02	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-02	1,1,1-Trichloroethane	ug/L	ND																			
MW-02	1,1,2,2-Tetrachloroethane	ug/L	ND	1.77	ND																	
MW-02	1,1,2-Trichloroethane	ug/L	ND																			
MW-02	1,1-Dichloroethane	ug/L	ND	ND	ND	ND	ND	ND	0.55	1.22	ND	ND	ND	ND	ND	ND	1.42	1.09	1.17	1.11	1.38	1.28
MW-02	1,1-Dichloroethene	ug/L	ND																			
MW-02	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-02	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-02	1,2-Dibromoethane	ug/L	ND	1.14																		
MW-02	1,2-Dichlorobenzene	ug/L	ND	1.8	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND						
MW-02	1,2-Dichloroethane	ug/L	ND																			
MW-02	1,2-Dichloropropane	ug/L	ND																			
MW-02	1,4-Dichlorobenzene	ug/L	ND	2.01	ND																	
MW-02	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-02	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	2.04	ND	ND	NT	ND								
MW-02	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-02	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND											
MW-02	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-02	Benzene	ug/L	ND																			
MW-02	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-02	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-02	Bromoform	ug/L	ND																			
MW-02	Bromomethane	ug/L	ND																			
MW-02	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-02	Carbon Tetrachloride	ug/L	ND																			
MW-02	Chlorobenzene	ug/L	ND																			
MW-02	Chloroethane	ug/L	ND																			
MW-02	Chloroform	ug/L	ND																			
MW-02	cis-1,2-Dichloroethene	ug/L	ND																			
MW-02	cis-1,3-Dichloropropene	ug/L	ND																			
MW-02	Dibromochloromethane	ug/L	ND																			
MW-02	Dibromomethane	ug/L	ND																			
MW-02	Ethylbenzene	ug/L	ND																			
MW-02	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-02	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-02	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-02	ortho-Xylene	ug/L	ND																			
MW-02	para-Xylene & meta-Xylene	ug/L	ND																			
MW-02	Styrene	ug/L	ND																			
MW-02	Tetrachloroethene	ug/L	1.83	1.26	1.5	1.43	ND	1.33	1.42	1.07	1.52	1.79	ND	ND	2	1.1	2.61	1.86	1.98	1.8	2.39	1.53
MW-02	Toluene	ug/L	ND																			
MW-02	trans-1,2-Dichloroethene	ug/L	ND																			
MW-02	trans-1,3-Dichloropropene	ug/L	ND																			
MW-02	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-02	Trichloroethene	ug/L	ND	ND	ND	ND	ND	0.64	0.58	ND	1.03	1.03	1.08	ND	1.07	ND						
MW-02	Trichlorofluoromethane	ug/L	ND																			
MW-02	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-02	Vinyl Chloride	ug/L	ND																			

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TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-03	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-03	1,1,1-Trichloroethane	ug/L	ND																			
MW-03	1,1,2,2-Tetrachloroethane	ug/L	ND	1.74	ND																	
MW-03	1,1,2-Trichloroethane	ug/L	ND																			
MW-03	1,1-Dichloroethane	ug/L	ND	ND	ND	ND	1.11	ND														
MW-03	1,1-Dichloroethene	ug/L	ND																			
MW-03	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-03	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-03	1,2-Dibromoethane	ug/L	ND	1.13																		
MW-03	1,2-Dichlorobenzene	ug/L	ND	1.86	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND						
MW-03	1,2-Dichloroethane	ug/L	ND																			
MW-03	1,2-Dichloropropane	ug/L	ND																			
MW-03	1,4-Dichlorobenzene	ug/L	ND	1.95	ND																	
MW-03	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-03	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	2.19	ND	ND	NT	ND								
MW-03	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-03	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND											
MW-03	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-03	Benzene	ug/L	ND																			
MW-03	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-03	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-03	Bromoform	ug/L	ND																			
MW-03	Bromomethane	ug/L	ND	ND	ND	ND	ND	0.53	ND													
MW-03	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-03	Carbon Tetrachloride	ug/L	ND																			
MW-03	Chlorobenzene	ug/L	ND																			
MW-03	Chloroethane	ug/L	ND																			
MW-03	Chloroform	ug/L	ND	ND	ND	ND	ND	0.71	ND	1.23	ND	ND	ND	ND	ND	ND						
MW-03	cis-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	1.14	ND														
MW-03	cis-1,3-Dichloropropene	ug/L	ND																			
MW-03	Dibromochloromethane	ug/L	ND																			
MW-03	Dibromomethane	ug/L	ND																			
MW-03	Ethylbenzene	ug/L	ND																			
MW-03	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-03	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-03	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-03	ortho-Xylene	ug/L	ND																			
MW-03	para-Xylene & meta-Xylene	ug/L	ND																			
MW-03	Styrene	ug/L	ND																			
MW-03	Tetrachloroethene	ug/L	ND	ND	ND	ND	3.53	ND														
MW-03	Toluene	ug/L	ND																			
MW-03	trans-1,2-Dichloroethene	ug/L	ND																			
MW-03	trans-1,3-Dichloropropene	ug/L	ND																			
MW-03	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-03	Trichloroethene	ug/L	ND	ND	ND	ND	1.28	ND														
MW-03	Trichlorofluoromethane	ug/L	ND																			
MW-03	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-03	Vinyl Chloride	ug/L	ND																			

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TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-04	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-04	1,1,1-Trichloroethane	ug/L	ND																			
MW-04	1,1,2,2-Tetrachloroethane	ug/L	ND	1.78	ND																	
MW-04	1,1,2-Trichloroethane	ug/L	ND																			
MW-04	1,1-Dichloroethane	ug/L	ND																			
MW-04	1,1-Dichloroethene	ug/L	ND																			
MW-04	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-04	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-04	1,2-Dibromoethane	ug/L	ND																			
MW-04	1,2-Dichlorobenzene	ug/L	ND	1.89	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND						
MW-04	1,2-Dichloroethane	ug/L	ND																			
MW-04	1,2-Dichloropropane	ug/L	ND																			
MW-04	1,4-Dichlorobenzene	ug/L	ND	2.04	ND																	
MW-04	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-04	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	2.06	ND	ND	NT	ND								
MW-04	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-04	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	9.1	ND										
MW-04	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND											
MW-04	Benzene	ug/L	ND	6.7	ND																	
MW-04	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-04	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-04	Bromoform	ug/L	ND																			
MW-04	Bromomethane	ug/L	ND																			
MW-04	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND	14	ND						
MW-04	Carbon Tetrachloride	ug/L	ND																			
MW-04	Chlorobenzene	ug/L	ND																			
MW-04	Chloroethane	ug/L	ND																			
MW-04	Chloroform	ug/L	ND																			
MW-04	cis-1,2-Dichloroethene	ug/L	ND																			
MW-04	cis-1,3-Dichloropropene		ND																			
MW-04	Dibromochloromethane	ug/L	ND	ND	ND	ND	ND	ND	0.71	ND												
MW-04	Dibromomethane	ug/L	ND																			
MW-04	Ethylbenzene	ug/L	ND																			
MW-04	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-04	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-04	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-04	ortho-Xylene	ug/L	ND																			
MW-04	para-Xylene & meta-Xylene	ug/L	ND																			
MW-04	Styrene	ug/L	ND																			
MW-04	Tetrachloroethene	ug/L	ND	ND	ND	ND	0.55	ND														
MW-04	Toluene	ug/L	ND																			
MW-04	trans-1,2-Dichloroethene	ug/L	ND																			
MW-04	trans-1,3-Dichloropropene	ug/L	ND																			
MW-04	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-04	Trichloroethene	ug/L	ND																			
MW-04	Trichlorofluoromethane	ug/L	ND																			
MW-04	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-04	Vinyl Chloride	ug/L	ND																			

ND: Not Detected
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TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-05	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-05	1,1,1-Trichloroethane	ug/L	ND																			
MW-05	1,1,2,2-Tetrachloroethane	ug/L	ND	1.66	ND																	
MW-05	1,1,2-Trichloroethane	ug/L	ND																			
MW-05	1,1-Dichloroethane	ug/L	ND	ND	ND	ND	ND	ND	1.26	1.89	ND	ND	ND	ND	ND	ND	1.17	ND	ND	ND	ND	ND
MW-05	1,1-Dichloroethene	ug/L	ND																			
MW-05	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-05	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-05	1,2-Dibromoethane	ug/L	ND	1.14																		
MW-05	1,2-Dichlorobenzene	ug/L	ND	1.89	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND						
MW-05	1,2-Dichloroethane	ug/L	ND																			
MW-05	1,2-Dichloropropane	ug/L	ND																			
MW-05	1,4-Dichlorobenzene	ug/L	ND	2.02	ND																	
MW-05	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-05	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	2.18	ND	ND	NT	ND								
MW-05	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-05	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	10.3	ND										
MW-05	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-05	Benzene	ug/L	ND																			
MW-05	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-05	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-05	Bromoform	ug/L	ND																			
MW-05	Bromomethane	ug/L	ND																			
MW-05	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-05	Carbon Tetrachloride	ug/L	ND																			
MW-05	Chlorobenzene	ug/L	ND																			
MW-05	Chloroethane	ug/L	ND																			
MW-05	Chloroform	ug/L	ND																			
MW-05	cis-1,2-Dichloroethene	ug/L	1.03	ND	1.84	ND	ND	3.35	2.47	1.91	1.41	ND	ND	ND	ND	2.98	1.04	1.98	ND	2.07	1.52	
MW-05	cis-1,3-Dichloropropene	ug/L	ND																			
MW-05	Dibromochloromethane	ug/L	ND																			
MW-05	Dibromomethane	ug/L	ND																			
MW-05	Ethylbenzene	ug/L	ND																			
MW-05	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-05	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-05	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-05	ortho-Xylene	ug/L	ND																			
MW-05	para-Xylene & meta-Xylene	ug/L	ND																			
MW-05	Styrene	ug/L	ND																			
MW-05	Tetrachloroethene	ug/L	2.5	2.05	3.57	2.25	ND	4.93	4.26	2.47	2.65	1.83	ND	ND	2.5	ND	3.85	2.01	2.56	1.51	2.9	1.73
MW-05	Toluene	ug/L	ND																			
MW-05	trans-1,2-Dichloroethene	ug/L	ND																			
MW-05	trans-1,3-Dichloropropene	ug/L	ND																			
MW-05	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-05	Trichloroethene	ug/L	1.46	1.02	1.68	ND	ND	2.41	2	1.51	1.27	ND	ND	ND	ND	1.82	ND	1.4	ND	1.37	ND	
MW-05	Trichlorofluoromethane	ug/L	ND																			
MW-05	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-05	Vinyl Chloride	ug/L	ND																			

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TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-06	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-06	1,1,1-Trichloroethane	ug/L	ND																			
MW-06	1,1,2,2-Tetrachloroethane	ug/L	ND	1.79	ND																	
MW-06	1,1,2-Trichloroethane	ug/L	ND																			
MW-06	1,1-Dichloroethane	ug/L	8.94	ND	1.12	3.99	5.16	ND	3.51	2.12	3.59	1.2	ND	ND	ND	3.5	5.79	2.45	4.03	1.82	5.05	2.52
MW-06	1,1-Dichloroethene	ug/L	ND	2.62	ND																	
MW-06	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-06	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-06	1,2-Dibromoethane	ug/L	ND																			
MW-06	1,2-Dichlorobenzene	ug/L	ND	1.88	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND						
MW-06	1,2-Dichloroethane	ug/L	ND																			
MW-06	1,2-Dichloropropane	ug/L	ND																			
MW-06	1,4-Dichlorobenzene	ug/L	ND	2.05	ND																	
MW-06	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-06	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	2.6	ND	ND	NT	ND								
MW-06	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-06	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND											
MW-06	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-06	Benzene	ug/L	ND																			
MW-06	Bromochloromethane	ug/L	ND	ND	1.61	ND	ND	ND	ND	ND	NT	ND	NT	ND	ND							
MW-06	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-06	Bromoform	ug/L	ND	1.01	ND																	
MW-06	Bromomethane	ug/L	ND																			
MW-06	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-06	Carbon Tetrachloride	ug/L	ND																			
MW-06	Chlorobenzene	ug/L	ND																			
MW-06	Chloroethane	ug/L	ND																			
MW-06	Chloroform	ug/L	ND																			
MW-06	cis-1,2-Dichloroethene	ug/L	8.6	4.35	8.99	3.43	9.9	5.32	5.08	1.59	5.18	4.9	13	ND	ND	8.1	11.1	3.9	8.79	3.05	11.2	4.84
MW-06	cis-1,3-Dichloropropene	ug/L	ND																			
MW-06	Dibromochloromethane	ug/L	ND																			
MW-06	Dibromomethane	ug/L	ND	ND	ND	ND	ND	3.23	ND	2.14	ND	ND	ND	ND								
MW-06	Ethylbenzene	ug/L	ND																			
MW-06	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND	3.3	ND	9.06	ND	5.85	ND	8.08	ND
MW-06	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND	ND	ND	ND	ND	ND	1.3	ND	2.68
MW-06	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-06	ortho-Xylene	ug/L	ND																			
MW-06	para-Xylene & meta-Xylene	ug/L	ND																			
MW-06	Styrene	ug/L	ND																			
MW-06	Tetrachloroethene	ug/L	16.75	9.46	18.67	8.6	18.1	9.45	10.55	2.91	8.6	7.5	13.1	ND	9	7	18.4	7.39	14	5.93	17.1	8.21
MW-06	Toluene	ug/L	ND																			
MW-06	trans-1,2-Dichloroethene	ug/L	ND																			
MW-06	trans-1,3-Dichloropropene	ug/L	ND																			
MW-06	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-06	Trichloroethene	ug/L	6.87	3.05	6.26	2.34	5.57	3.08	2.99	1.12	3.07	2.19	ND	ND	2.3	3.4	5.57	2.07	4.46	1.59	5.57	1.27
MW-06	Trichlorofluoromethane	ug/L	ND																			
MW-06	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-06	Vinyl Chloride	ug/L	ND	ND	2.63	ND	1.19	0.79	ND													

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TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-07	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-07	1,1,1-Trichloroethane	ug/L	ND																			
MW-07	1,1,2,2-Tetrachloroethane	ug/L	ND	1.69	ND	6.26	ND	ND														
MW-07	1,1,2-Trichloroethane	ug/L	ND																			
MW-07	1,1-Dichloroethane	ug/L	5.75	2.39	ND	6.92	6.97	1.11	3.89	6.92	2.74	3.33	ND	ND	ND	5.9	11.3	5.52	7.88	ND	8.75	6.97
MW-07	1,1-Dichloroethene	ug/L	ND																			
MW-07	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-07	1,2-Dibromo-3-chloropropane	ug/L	ND	NT	ND	ND																
MW-07	1,2-Dibromoethane	ug/L	ND																			
MW-07	1,2-Dichlorobenzene	ug/L	ND	1.83	NT	ND	NT	ND														
MW-07	1,2-Dichloroethane	ug/L	ND																			
MW-07	1,2-Dichloropropane	ug/L	ND																			
MW-07	1,4-Dichlorobenzene	ug/L	ND	2.02	ND																	
MW-07	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-07	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	2.28	ND	ND	NT	ND								
MW-07	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	2.07	NT	ND								
MW-07	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	5.62	ND										
MW-07	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND
MW-07	Benzene	ug/L	ND	NT	ND	ND																
MW-07	Bromochloromethane	ug/L	ND	NT	ND																	
MW-07	Bromodichloromethane	ug/L	ND																			
MW-07	Bromoform	ug/L	ND	1.04	ND																	
MW-07	Bromomethane	ug/L	ND																			
MW-07	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-07	Carbon Tetrachloride	ug/L	ND																			
MW-07	Chlorobenzene	ug/L	ND																			
MW-07	Chloroethane	ug/L	ND	5.91	ND	ND																
MW-07	Chloroform	ug/L	ND																			
MW-07	cis-1,2-Dichloroethene	ug/L	3.68	3.25	3.84	5.63	6.21	5.38	5.12	5.62	3	8.38	ND	ND	ND	8.4	8.64	5.07	7.16	ND	7.04	6.35
MW-07	cis-1,3-Dichloropropene	ug/L	ND																			
MW-07	Dibromochloromethane	ug/L	ND																			
MW-07	Dibromomethane	ug/L	ND																			
MW-07	Ethylbenzene	ug/L	ND																			
MW-07	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-07	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-07	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-07	ortho-Xylene	ug/L	ND																			
MW-07	para-Xylene & meta-Xylene	ug/L	ND	3.56	ND	ND																
MW-07	Styrene	ug/L	ND																			
MW-07	Tetrachloroethene	ug/L	3.38	1.91	3	3.25	5.24	3.15	3.11	2.14	1.54	2.91	ND	ND	3.7	1.9	6.58	3.06	5.41	ND	5.68	3.78
MW-07	Toluene	ug/L	ND																			
MW-07	trans-1,2-Dichloroethene	ug/L	ND																			
MW-07	trans-1,3-Dichloropropene	ug/L	ND	1.92	ND	ND																
MW-07	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-07	Trichloroethene	ug/L	1.94	1.1	1.56	1.65	2.44	1.53	1.72	1.54	ND	1.89	ND	ND	1.8	1.9	3.14	3.06	2.87	ND	3.03	1.96
MW-07	Trichlorofluoromethane	ug/L	ND	ND	ND	ND	0.51	ND														
MW-07	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-07	Vinyl Chloride	ug/L	ND	ND	1.38	ND	0.94	1.3	0.64	0.64	ND	1.32	ND									

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TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-08	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-08	1,1,1-Trichloroethane	ug/L	ND																			
MW-08	1,1,2,2-Tetrachloroethane	ug/L	ND	1.8	ND																	
MW-08	1,1,2-Trichloroethane	ug/L	ND																			
MW-08	1,1-Dichloroethane	ug/L	1.2	ND																		
MW-08	1,1-Dichloroethene	ug/L	ND																			
MW-08	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-08	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-08	1,2-Dibromoethane	ug/L	ND																			
MW-08	1,2-Dichlorobenzene	ug/L	ND	1.9	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND						
MW-08	1,2-Dichloroethane	ug/L	ND																			
MW-08	1,2-Dichloropropane	ug/L	ND																			
MW-08	1,4-Dichlorobenzene	ug/L	ND	2.07	ND																	
MW-08	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-08	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	2.03	ND	ND	NT	ND								
MW-08	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-08	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND											
MW-08	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-08	Benzene	ug/L	ND																			
MW-08	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-08	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-08	Bromoform	ug/L	ND																			
MW-08	Bromomethane	ug/L	ND																			
MW-08	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-08	Carbon Tetrachloride	ug/L	ND																			
MW-08	Chlorobenzene	ug/L	ND																			
MW-08	Chloroethane	ug/L	ND																			
MW-08	Chloroform	ug/L	ND																			
MW-08	cis-1,2-Dichloroethene	ug/L	ND																			
MW-08	cis-1,3-Dichloropropene	ug/L	ND																			
MW-08	Dibromochloromethane	ug/L	ND																			
MW-08	Dibromomethane	ug/L	ND																			
MW-08	Ethylbenzene	ug/L	ND																			
MW-08	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-08	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-08	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-08	ortho-Xylene	ug/L	ND																			
MW-08	para-Xylene & meta-Xylene	ug/L	ND																			
MW-08	Styrene	ug/L	ND																			
MW-08	Tetrachloroethene	ug/L	ND																			
MW-08	Toluene	ug/L	ND																			
MW-08	trans-1,2-Dichloroethene	ug/L	ND																			
MW-08	trans-1,3-Dichloropropene	ug/L	ND																			
MW-08	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-08	Trichloroethene	ug/L	ND																			
MW-08	Trichlorofluoromethane	ug/L	ND																			
MW-08	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-08	Vinyl Chloride	ug/L	ND																			

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TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-09	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND	NS																
MW-09	1,1,1-Trichloroethane	ug/L	ND	NS																		
MW-09	1,1,2,2-Tetrachloroethane	ug/L	ND	1.57	ND	NS																
MW-09	1,1,2-Trichloroethane	ug/L	ND	NS																		
MW-09	1,1-Dichloroethane	ug/L	ND	NS																		
MW-09	1,1-Dichloroethene	ug/L	ND	NS																		
MW-09	1,2,3-Trichloropropane	ug/L	ND	NT	ND	NS																
MW-09	1,2-Dibromo-3-chloropropane	ug/L	ND	NS																		
MW-09	1,2-Dibromoethane	ug/L	ND	NS																		
MW-09	1,2-Dichlorobenzene	ug/L	ND	1.8	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	NS						
MW-09	1,2-Dichloroethane	ug/L	ND	NS																		
MW-09	1,2-Dichloropropane	ug/L	ND	NS																		
MW-09	1,4-Dichlorobenzene	ug/L	ND	1.88	ND	NS																
MW-09	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND	NS							
MW-09	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	2.04	ND	ND	NT	ND	NS							
MW-09	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND	NS							
MW-09	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	NS										
MW-09	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND	NS							
MW-09	Benzene	ug/L	ND	NS																		
MW-09	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	NS														
MW-09	Bromodichloromethane	ug/L	ND	NT	ND	NS																
MW-09	Bromoform	ug/L	ND	NS																		
MW-09	Bromomethane	ug/L	ND	NS																		
MW-09	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND	NS							
MW-09	Carbon Tetrachloride	ug/L	ND	NS																		
MW-09	Chlorobenzene	ug/L	ND	NS																		
MW-09	Chloroethane	ug/L	ND	NS																		
MW-09	Chloroform	ug/L	ND	NS																		
MW-09	cis-1,2-Dichloroethene	ug/L	ND	NS																		
MW-09	cis-1,3-Dichloropropene	ug/L	ND	NS																		
MW-09	Dibromochloromethane	ug/L	ND	NS																		
MW-09	Dibromomethane	ug/L	ND	NS																		
MW-09	Ethylbenzene	ug/L	ND	2.4	ND	NS																
MW-09	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND	NS							
MW-09	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND	NS							
MW-09	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND	NS										
MW-09	ortho-Xylene	ug/L	ND	NS																		
MW-09	para-Xylene & meta-Xylene	ug/L	ND	8.2	ND	NS																
MW-09	Styrene	ug/L	ND	NS																		
MW-09	Tetrachloroethene	ug/L	ND	NS																		
MW-09	Toluene	ug/L	ND	NS																		
MW-09	trans-1,2-Dichloroethene	ug/L	ND	NS																		
MW-09	trans-1,3-Dichloropropene	ug/L	ND	NS																		
MW-09	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND	NS							
MW-09	Trichloroethene	ug/L	ND	NS																		
MW-09	Trichlorofluoromethane	ug/L	ND	NS																		
MW-09	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND	NS							
MW-09	Vinyl Chloride	ug/L	ND	NS																		

ND: Not Detected
 NT: Not Tested
 NS: Not Sampled

TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-10	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-10	1,1,1-Trichloroethane	ug/L	ND																			
MW-10	1,1,2,2-Tetrachloroethane	ug/L	ND																			
MW-10	1,1,2-Trichloroethane	ug/L	ND																			
MW-10	1,1-Dichloroethane	ug/L	ND	ND	ND	ND	1.31	ND														
MW-10	1,1-Dichloroethene	ug/L	ND																			
MW-10	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-10	1,2-Dibromo-3-chloropropane	ug/L	1.49	ND																		
MW-10	1,2-Dibromoethane	ug/L	ND	1.15																		
MW-10	1,2-Dichlorobenzene	ug/L	1.55	ND	ND	ND	ND	ND	ND	1.93	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND
MW-10	1,2-Dichloroethane	ug/L	ND																			
MW-10	1,2-Dichloropropane	ug/L	ND																			
MW-10	1,4-Dichlorobenzene	ug/L	1.72	ND	ND	ND	ND	ND	ND	2.24	ND											
MW-10	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-10	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-10	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-10	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	8.76	ND										
MW-10	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-10	Benzene	ug/L	ND																			
MW-10	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-10	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-10	Bromoform	ug/L	ND																			
MW-10	Bromomethane	ug/L	ND	ND	ND	ND	3.72	0.56	ND													
MW-10	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND	9.7	ND						
MW-10	Carbon Tetrachloride	ug/L	ND																			
MW-10	Chlorobenzene	ug/L	ND																			
MW-10	Chloroethane	ug/L	ND																			
MW-10	Chloroform	ug/L	ND																			
MW-10	cis-1,2-Dichloroethene	ug/L	ND																			
MW-10	cis-1,3-Dichloropropene	ug/L	ND																			
MW-10	Dibromochloromethane	ug/L	ND																			
MW-10	Dibromomethane	ug/L	ND																			
MW-10	Ethylbenzene	ug/L	ND																			
MW-10	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-10	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-10	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-10	ortho-Xylene	ug/L	ND																			
MW-10	para-Xylene & meta-Xylene	ug/L	ND																			
MW-10	Styrene	ug/L	ND																			
MW-10	Tetrachloroethene	ug/L	1.43	ND	ND	ND	3.02	ND														
MW-10	Toluene	ug/L	ND																			
MW-10	trans-1,2-Dichloroethene	ug/L	ND																			
MW-10	trans-1,3-Dichloropropene	ug/L	ND																			
MW-10	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-10	Trichloroethene	ug/L	ND	ND	ND	ND	1.03	ND														
MW-10	Trichlorofluoromethane	ug/L	ND																			
MW-10	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-10	Vinyl Chloride	ug/L	ND																			

ND: Not Detected
 NT: Not Tested
 NS: Not Sampled

TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-11	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-11	1,1,1-Trichloroethane	ug/L	ND																			
MW-11	1,1,2,2-Tetrachloroethane	ug/L	ND	1.7	ND																	
MW-11	1,1,2-Trichloroethane	ug/L	ND																			
MW-11	1,1-Dichloroethane	ug/L	ND																			
MW-11	1,1-Dichloroethene	ug/L	ND																			
MW-11	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-11	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-11	1,2-Dibromoethane	ug/L	ND																			
MW-11	1,2-Dichlorobenzene	ug/L	ND	1.85	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND						
MW-11	1,2-Dichloroethane	ug/L	ND																			
MW-11	1,2-Dichloropropane	ug/L	ND																			
MW-11	1,4-Dichlorobenzene	ug/L	ND																			
MW-11	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-11	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	1.99	ND	ND	NT	ND								
MW-11	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-11	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	9.26	ND										
MW-11	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-11	Benzene	ug/L	ND																			
MW-11	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-11	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-11	Bromoform	ug/L	ND																			
MW-11	Bromomethane	ug/L	ND																			
MW-11	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND	6.8	ND						
MW-11	Carbon Tetrachloride	ug/L	ND																			
MW-11	Chlorobenzene	ug/L	ND																			
MW-11	Chloroethane	ug/L	ND																			
MW-11	Chloroform	ug/L	ND																			
MW-11	cis-1,2-Dichloroethene	ug/L	ND																			
MW-11	cis-1,3-Dichloropropene	ug/L	ND																			
MW-11	Dibromochloromethane	ug/L	ND	ND	ND	ND	ND	ND	0.77	ND												
MW-11	Dibromomethane	ug/L	ND																			
MW-11	Ethylbenzene	ug/L	ND																			
MW-11	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-11	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-11	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-11	ortho-Xylene	ug/L	ND																			
MW-11	para-Xylene & meta-Xylene	ug/L	ND																			
MW-11	Styrene	ug/L	ND																			
MW-11	Tetrachloroethene	ug/L	ND																			
MW-11	Toluene	ug/L	ND																			
MW-11	trans-1,2-Dichloroethene	ug/L	ND																			
MW-11	trans-1,3-Dichloropropene	ug/L	ND																			
MW-11	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-11	Trichloroethene	ug/L	ND																			
MW-11	Trichlorofluoromethane	ug/L	ND																			
MW-11	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-11	Vinyl Chloride	ug/L	ND																			

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TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-12	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-12	1,1,1-Trichloroethane	ug/L	ND																			
MW-12	1,1,2,2-Tetrachloroethane	ug/L	ND	1.52	ND																	
MW-12	1,1,2-Trichloroethane	ug/L	ND																			
MW-12	1,1-Dichloroethane	ug/L	ND																			
MW-12	1,1-Dichloroethene	ug/L	ND																			
MW-12	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-12	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-12	1,2-Dibromoethane	ug/L	ND																			
MW-12	1,2-Dichlorobenzene	ug/L	ND	ND	ND	1.13	ND	ND	ND	1.84	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND
MW-12	1,2-Dichloroethane	ug/L	ND																			
MW-12	1,2-Dichloropropane	ug/L	ND																			
MW-12	1,4-Dichlorobenzene	ug/L	ND	ND	ND	1.16	ND	ND	ND	2.1	ND											
MW-12	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-12	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	2.3	ND	ND	NT	ND								
MW-12	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-12	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	7.39	ND										
MW-12	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-12	Benzene	ug/L	ND																			
MW-12	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-12	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-12	Bromoform	ug/L	ND	1.06	ND																	
MW-12	Bromomethane	ug/L	ND																			
MW-12	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-12	Carbon Tetrachloride	ug/L	ND																			
MW-12	Chlorobenzene	ug/L	ND																			
MW-12	Chloroethane	ug/L	ND																			
MW-12	Chloroform	ug/L	ND																			
MW-12	cis-1,2-Dichloroethene	ug/L	ND																			
MW-12	cis-1,3-Dichloropropene	ug/L	ND																			
MW-12	Dibromochloromethane	ug/L	ND																			
MW-12	Dibromomethane	ug/L	ND																			
MW-12	Ethylbenzene	ug/L	ND																			
MW-12	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-12	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-12	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-12	ortho-Xylene	ug/L	ND																			
MW-12	para-Xylene & meta-Xylene	ug/L	ND																			
MW-12	Styrene	ug/L	ND																			
MW-12	Tetrachloroethene	ug/L	ND	ND	ND	1.06	ND															
MW-12	Toluene	ug/L	ND																			
MW-12	trans-1,2-Dichloroethene	ug/L	ND																			
MW-12	trans-1,3-Dichloropropene	ug/L	ND																			
MW-12	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-12	Trichloroethene	ug/L	ND																			
MW-12	Trichlorofluoromethane	ug/L	ND																			
MW-12	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-12	Vinyl Chloride	ug/L	ND																			

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TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-13	1,1,1,2-Tetrachloroethane	ug/L	ND	NS	NS	ND	NT	ND														
MW-13	1,1,1-Trichloroethane	ug/L	ND	NS	NS	ND																
MW-13	1,1,2,2-Tetrachloroethane	ug/L	ND	NS	NS	ND																
MW-13	1,1,2-Trichloroethane	ug/L	ND	NS	NS	ND																
MW-13	1,1-Dichloroethane	ug/L	ND	NS	NS	ND																
MW-13	1,1-Dichloroethene	ug/L	ND	NS	NS	ND																
MW-13	1,2,3-Trichloropropane	ug/L	ND	NS	NS	ND																
MW-13	1,2-Dibromo-3-chloropropane	ug/L	ND	NS	NS	ND																
MW-13	1,2-Dibromoethane	ug/L	ND	NS	NS	ND																
MW-13	1,2-Dichlorobenzene	ug/L	ND	NS	NS	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND						
MW-13	1,2-Dichloroethane	ug/L	ND	NS	NS	ND																
MW-13	1,2-Dichloropropane	ug/L	ND	NS	NS	ND																
MW-13	1,4-Dichlorobenzene	ug/L	ND	NS	NS	ND																
MW-13	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	NS	NS	ND	NT	ND								
MW-13	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	NS	NS	ND	NT	ND								
MW-13	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NS	NS	ND	NT	ND								
MW-13	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NS	NS	ND										
MW-13	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NS	NS	ND	NT	ND								
MW-13	Benzene	ug/L	ND	NS	NS	ND																
MW-13	Bromochloromethane	ug/L	ND	NS	NS	ND	NT	ND	ND													
MW-13	Bromodichloromethane	ug/L	ND	NS	NS	ND	NT	ND	ND													
MW-13	Bromoform	ug/L	ND	NS	NS	ND																
MW-13	Bromomethane	ug/L	ND	NS	NS	ND																
MW-13	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	NS	NS	ND	NT	ND								
MW-13	Carbon Tetrachloride	ug/L	ND	NS	NS	ND																
MW-13	Chlorobenzene	ug/L	ND	NS	NS	ND																
MW-13	Chloroethane	ug/L	ND	NS	NS	ND																
MW-13	Chloroform	ug/L	ND	NS	NS	ND																
MW-13	cis-1,2-Dichloroethene	ug/L	ND	NS	NS	ND																
MW-13	cis-1,3-Dichloropropene	ug/L	ND	NS	NS	ND																
MW-13	Dibromochloromethane	ug/L	ND	NS	NS	ND																
MW-13	Dibromomethane	ug/L	ND	NS	NS	ND																
MW-13	Ethylbenzene	ug/L	ND	NS	NS	ND																
MW-13	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NS	NS	ND	NT	ND								
MW-13	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NS	NS	ND	NT	ND								
MW-13	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NS	NS	ND										
MW-13	ortho-Xylene	ug/L	ND	NS	NS	ND																
MW-13	para-Xylene & meta-Xylene	ug/L	ND	NS	NS	ND																
MW-13	Styrene	ug/L	ND	NS	NS	ND																
MW-13	Tetrachloroethene	ug/L	ND	NS	NS	ND																
MW-13	Toluene	ug/L	ND	NS	NS	ND																
MW-13	trans-1,2-Dichloroethene	ug/L	ND	NS	NS	ND																
MW-13	trans-1,3-Dichloropropene	ug/L	ND	NS	NS	ND																
MW-13	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	NS	NS	ND	NT	ND								
MW-13	Trichloroethene	ug/L	ND	NS	NS	ND																
MW-13	Trichlorofluoromethane	ug/L	ND	NS	NS	ND																
MW-13	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NS	NS	ND	NT	ND								
MW-13	Vinyl Chloride	ug/L	ND	NS	NS	ND																

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TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-14	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-14	1,1,1-Trichloroethane	ug/L	ND																			
MW-14	1,1,2,2-Tetrachloroethane	ug/L	ND	1.61	ND																	
MW-14	1,1,2-Trichloroethane	ug/L	ND																			
MW-14	1,1-Dichloroethane	ug/L	ND	1.06	ND	ND	ND	ND	ND	1.3	ND	1.29	1.09	ND	1	ND						
MW-14	1,1-Dichloroethene	ug/L	ND																			
MW-14	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-14	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-14	1,2-Dibromoethane	ug/L	ND																			
MW-14	1,2-Dichlorobenzene	ug/L	ND	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND							
MW-14	1,2-Dichloroethane	ug/L	ND																			
MW-14	1,2-Dichloropropane	ug/L	ND																			
MW-14	1,4-Dichlorobenzene	ug/L	ND	1.77	ND																	
MW-14	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-14	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	1.96	ND	ND	NT	ND								
MW-14	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-14	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND											
MW-14	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-14	Benzene	ug/L	ND																			
MW-14	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-14	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-14	Bromoform	ug/L	ND																			
MW-14	Bromomethane	ug/L	ND																			
MW-14	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-14	Carbon Tetrachloride	ug/L	ND																			
MW-14	Chlorobenzene	ug/L	ND																			
MW-14	Chloroethane	ug/L	ND																			
MW-14	Chloroform	ug/L	ND																			
MW-14	cis-1,2-Dichloroethene	ug/L	ND																			
MW-14	cis-1,3-Dichloropropene	ug/L	ND																			
MW-14	Dibromochloromethane	ug/L	ND																			
MW-14	Dibromomethane	ug/L	ND																			
MW-14	Ethylbenzene	ug/L	ND																			
MW-14	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-14	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-14	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-14	ortho-Xylene	ug/L	ND																			
MW-14	para-Xylene & meta-Xylene	ug/L	ND																			
MW-14	Styrene	ug/L	ND																			
MW-14	Tetrachloroethene	ug/L	ND	ND	ND	1.09	ND	ND	0.68	ND	ND	1.17	ND	ND	ND	ND	ND	1.41	1.03	1.2	1.2	1.2
MW-14	Toluene	ug/L	ND																			
MW-14	trans-1,2-Dichloroethene	ug/L	ND																			
MW-14	trans-1,3-Dichloropropene	ug/L	ND																			
MW-14	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-14	Trichloroethene	ug/L	ND																			
MW-14	Trichlorofluoromethane	ug/L	ND																			
MW-14	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-14	Vinyl Chloride	ug/L	ND																			

ND: Not Detected
 NT: Not Tested
 NS: Not Sampled

TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-15	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-15	1,1,1-Trichloroethane	ug/L	ND																			
MW-15	1,1,2,2-Tetrachloroethane	ug/L	ND	1.65	ND																	
MW-15	1,1,2-Trichloroethane	ug/L	ND																			
MW-15	1,1-Dichloroethane	ug/L	ND																			
MW-15	1,1-Dichloroethene	ug/L	ND																			
MW-15	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-15	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-15	1,2-Dibromoethane	ug/L	ND																			
MW-15	1,2-Dichlorobenzene	ug/L	ND	1.9	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND						
MW-15	1,2-Dichloroethane	ug/L	ND																			
MW-15	1,2-Dichloropropane	ug/L	ND																			
MW-15	1,4-Dichlorobenzene	ug/L	ND	1.92	ND																	
MW-15	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-15	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	1.86	ND	ND	NT	ND								
MW-15	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-15	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND											
MW-15	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-15	Benzene	ug/L	ND																			
MW-15	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-15	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-15	Bromoform	ug/L	ND																			
MW-15	Bromomethane	ug/L	ND																			
MW-15	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-15	Carbon Tetrachloride	ug/L	ND																			
MW-15	Chlorobenzene	ug/L	ND																			
MW-15	Chloroethane	ug/L	ND																			
MW-15	Chloroform	ug/L	ND																			
MW-15	cis-1,2-Dichloroethene	ug/L	ND																			
MW-15	cis-1,3-Dichloropropene	ug/L	ND																			
MW-15	Dibromochloromethane	ug/L	ND																			
MW-15	Dibromomethane	ug/L	ND																			
MW-15	Ethylbenzene	ug/L	ND																			
MW-15	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-15	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-15	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-15	ortho-Xylene	ug/L	ND																			
MW-15	para-Xylene & meta-Xylene	ug/L	ND																			
MW-15	Styrene	ug/L	ND																			
MW-15	Tetrachloroethene	ug/L	ND																			
MW-15	Toluene	ug/L	ND																			
MW-15	trans-1,2-Dichloroethene	ug/L	ND																			
MW-15	trans-1,3-Dichloropropene	ug/L	ND																			
MW-15	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-15	Trichloroethene	ug/L	ND																			
MW-15	Trichlorofluoromethane	ug/L	ND																			
MW-15	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-15	Vinyl Chloride	ug/L	ND																			

ND: Not Detected
 NT: Not Tested
 NS: Not Sampled

TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-16	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-16	1,1,1-Trichloroethane	ug/L	ND																			
MW-16	1,1,2,2-Tetrachloroethane	ug/L	ND	1.78	ND																	
MW-16	1,1,2-Trichloroethane	ug/L	ND																			
MW-16	1,1-Dichloroethane	ug/L	ND																			
MW-16	1,1-Dichloroethene	ug/L	ND																			
MW-16	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-16	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-16	1,2-Dibromoethane	ug/L	ND	1.13																		
MW-16	1,2-Dichlorobenzene	ug/L	ND	2	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND						
MW-16	1,2-Dichloroethane	ug/L	ND																			
MW-16	1,2-Dichloropropane	ug/L	ND																			
MW-16	1,4-Dichlorobenzene	ug/L	ND	1.99	ND																	
MW-16	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-16	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-16	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-16	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	4.38	ND										
MW-16	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-16	Benzene	ug/L	ND																			
MW-16	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-16	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-16	Bromoform	ug/L	ND	1.13	ND																	
MW-16	Bromomethane	ug/L	ND																			
MW-16	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-16	Carbon Tetrachloride	ug/L	ND																			
MW-16	Chlorobenzene	ug/L	ND																			
MW-16	Chloroethane	ug/L	ND																			
MW-16	Chloroform	ug/L	ND																			
MW-16	cis-1,2-Dichloroethene	ug/L	ND																			
MW-16	cis-1,3-Dichloropropene	ug/L	ND																			
MW-16	Dibromochloromethane	ug/L	ND																			
MW-16	Dibromomethane	ug/L	ND																			
MW-16	Ethylbenzene	ug/L	ND																			
MW-16	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-16	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-16	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-16	ortho-Xylene	ug/L	ND																			
MW-16	para-Xylene & meta-Xylene	ug/L	ND																			
MW-16	Styrene	ug/L	ND																			
MW-16	Tetrachloroethene	ug/L	2.36	ND																		
MW-16	Toluene	ug/L	ND																			
MW-16	trans-1,2-Dichloroethene	ug/L	ND																			
MW-16	trans-1,3-Dichloropropene	ug/L	ND																			
MW-16	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-16	Trichloroethene	ug/L	1.77	1.18	1.68	ND	ND	ND	1.48	ND	1.44	1.44	ND	ND	ND	1.4	1.99	ND	1.03	ND	1.79	ND
MW-16	Trichlorofluoromethane	ug/L	ND																			
MW-16	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-16	Vinyl Chloride	ug/L	ND																			

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 NS: Not Sampled

TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-17	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-17	1,1,1-Trichloroethane	ug/L	ND																			
MW-17	1,1,2,2-Tetrachloroethane	ug/L	ND	1.62	ND																	
MW-17	1,1,2-Trichloroethane	ug/L	ND																			
MW-17	1,1-Dichloroethane	ug/L	ND	ND	ND	ND	ND	0.59	1.21	1.05	1.32	ND	ND	ND	ND	ND	1.62	ND	1.13	ND	ND	ND
MW-17	1,1-Dichloroethene	ug/L	ND																			
MW-17	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-17	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-17	1,2-Dibromoethane	ug/L	ND																			
MW-17	1,2-Dichlorobenzene	ug/L	ND	1.91	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND						
MW-17	1,2-Dichloroethane	ug/L	ND																			
MW-17	1,2-Dichloropropane	ug/L	ND																			
MW-17	1,4-Dichlorobenzene	ug/L	ND	1.97	ND																	
MW-17	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-17	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	2.32	ND	ND	NT	ND								
MW-17	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-17	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND											
MW-17	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-17	Benzene	ug/L	ND																			
MW-17	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-17	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-17	Bromoform	ug/L	ND	1.07	ND																	
MW-17	Bromomethane	ug/L	ND	ND	ND	ND	13.75	0.54	ND													
MW-17	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-17	Carbon Tetrachloride	ug/L	ND																			
MW-17	Chlorobenzene	ug/L	ND																			
MW-17	Chloroethane	ug/L	ND																			
MW-17	Chloroform	ug/L	ND																			
MW-17	cis-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	0.57	0.71	0.71	ND											
MW-17	cis-1,3-Dichloropropene	ug/L	ND																			
MW-17	Dibromochloromethane	ug/L	ND																			
MW-17	Dibromomethane	ug/L	ND																			
MW-17	Ethylbenzene	ug/L	ND																			
MW-17	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-17	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-17	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-17	ortho-Xylene	ug/L	ND																			
MW-17	para-Xylene & meta-Xylene	ug/L	ND																			
MW-17	Styrene	ug/L	ND																			
MW-17	Tetrachloroethene	ug/L	ND	1.29	2.32	1.02	ND	1.57	2.07	ND	1.25	ND	ND	ND	1.6	ND	2.42	ND	1.93	ND	1.61	ND
MW-17	Toluene	ug/L	ND																			
MW-17	trans-1,2-Dichloroethene	ug/L	ND																			
MW-17	trans-1,3-Dichloropropene	ug/L	ND																			
MW-17	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-17	Trichloroethene	ug/L	ND	ND	1.43	ND	ND	ND	1.16	ND	ND	ND	ND	ND	ND	1.24	ND	1.16	ND	ND	ND	ND
MW-17	Trichlorofluoromethane	ug/L	ND																			
MW-17	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-17	Vinyl Chloride	ug/L	ND																			

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 NS: Not Sampled

TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-18A	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-18A	1,1,1-Trichloroethane	ug/L	ND																			
MW-18A	1,1,2,2-Tetrachloroethane	ug/L	ND	1.6	ND																	
MW-18A	1,1,2-Trichloroethane	ug/L	ND																			
MW-18A	1,1-Dichloroethane	ug/L	ND																			
MW-18A	1,1-Dichloroethene	ug/L	ND																			
MW-18A	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-18A	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-18A	1,2-Dibromoethane	ug/L	ND	1.13																		
MW-18A	1,2-Dichlorobenzene	ug/L	ND	1.92	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND						
MW-18A	1,2-Dichloroethane	ug/L	ND																			
MW-18A	1,2-Dichloropropane	ug/L	ND																			
MW-18A	1,4-Dichlorobenzene	ug/L	ND	2.02	ND																	
MW-18A	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-18A	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-18A	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-18A	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	18.4	ND										
MW-18A	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-18A	Benzene	ug/L	ND																			
MW-18A	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-18A	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-18A	Bromoform	ug/L	ND																			
MW-18A	Bromomethane	ug/L	ND	ND	ND	ND	ND	0.52	ND													
MW-18A	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-18A	Carbon Tetrachloride	ug/L	ND																			
MW-18A	Chlorobenzene	ug/L	ND																			
MW-18A	Chloroethane	ug/L	ND																			
MW-18A	Chloroform	ug/L	ND																			
MW-18A	cis-1,2-Dichloroethene	ug/L	ND																			
MW-18A	cis-1,3-Dichloropropene	ug/L	ND																			
MW-18A	Dibromochloromethane	ug/L	ND																			
MW-18A	Dibromomethane	ug/L	ND																			
MW-18A	Ethylbenzene	ug/L	ND																			
MW-18A	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-18A	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-18A	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-18A	ortho-Xylene	ug/L	ND																			
MW-18A	para-Xylene & meta-Xylene	ug/L	ND																			
MW-18A	Styrene	ug/L	ND																			
MW-18A	Tetrachloroethene	ug/L	ND																			
MW-18A	Toluene	ug/L	ND																			
MW-18A	trans-1,2-Dichloroethene	ug/L	ND																			
MW-18A	trans-1,3-Dichloropropene	ug/L	ND																			
MW-18A	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-18A	Trichloroethene	ug/L	ND																			
MW-18A	Trichlorofluoromethane	ug/L	ND																			
MW-18A	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-18A	Vinyl Chloride	ug/L	ND																			

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 NS: Not Sampled

TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-19	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-19	1,1,1-Trichloroethane	ug/L	ND																			
MW-19	1,1,2,2-Tetrachloroethane	ug/L	ND	1.65	ND																	
MW-19	1,1,2-Trichloroethane	ug/L	ND																			
MW-19	1,1-Dichloroethane	ug/L	ND	ND	ND	ND	2.42	ND														
MW-19	1,1-Dichloroethene	ug/L	ND																			
MW-19	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-19	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-19	1,2-Dibromoethane	ug/L	ND																			
MW-19	1,2-Dichlorobenzene	ug/L	ND	1.8	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND						
MW-19	1,2-Dichloroethane	ug/L	ND																			
MW-19	1,2-Dichloropropane	ug/L	ND																			
MW-19	1,4-Dichlorobenzene	ug/L	ND	1.96	ND																	
MW-19	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-19	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	2.21	ND	ND	NT	ND								
MW-19	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-19	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	12.7	ND										
MW-19	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-19	Benzene	ug/L	ND																			
MW-19	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-19	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-19	Bromoform	ug/L	ND																			
MW-19	Bromomethane	ug/L	ND	ND	ND	ND	ND	0.53	ND													
MW-19	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-19	Carbon Tetrachloride	ug/L	ND																			
MW-19	Chlorobenzene	ug/L	ND																			
MW-19	Chloroethane	ug/L	ND																			
MW-19	Chloroform	ug/L	ND																			
MW-19	cis-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	1.39	ND														
MW-19	cis-1,3-Dichloropropene	ug/L	ND																			
MW-19	Dibromochloromethane	ug/L	ND																			
MW-19	Dibromomethane	ug/L	ND																			
MW-19	Ethylbenzene	ug/L	ND																			
MW-19	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-19	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-19	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-19	ortho-Xylene	ug/L	ND																			
MW-19	para-Xylene & meta-Xylene	ug/L	ND																			
MW-19	Styrene	ug/L	ND																			
MW-19	Tetrachloroethene	ug/L	ND	ND	ND	ND	4.26	ND														
MW-19	Toluene	ug/L	ND																			
MW-19	trans-1,2-Dichloroethene	ug/L	ND																			
MW-19	trans-1,3-Dichloropropene	ug/L	ND																			
MW-19	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-19	Trichloroethene	ug/L	ND	ND	ND	ND	2.21	ND														
MW-19	Trichlorofluoromethane	ug/L	ND																			
MW-19	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-19	Vinyl Chloride	ug/L	ND																			

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TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-20	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-20	1,1,1-Trichloroethane	ug/L	ND																			
MW-20	1,1,2,2-Tetrachloroethane	ug/L	ND	1.63	ND																	
MW-20	1,1,2-Trichloroethane	ug/L	ND																			
MW-20	1,1-Dichloroethane	ug/L	ND																			
MW-20	1,1-Dichloroethene	ug/L	ND																			
MW-20	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-20	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-20	1,2-Dibromoethane	ug/L	ND																			
MW-20	1,2-Dichlorobenzene	ug/L	ND	2.22	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND						
MW-20	1,2-Dichloroethane	ug/L	ND																			
MW-20	1,2-Dichloropropane	ug/L	ND																			
MW-20	1,4-Dichlorobenzene	ug/L	ND	2.38	ND																	
MW-20	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-20	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	2.47	ND	ND	NT	ND								
MW-20	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-20	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	6.53	ND										
MW-20	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-20	Benzene	ug/L	ND																			
MW-20	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-20	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-20	Bromoform	ug/L	ND																			
MW-20	Bromomethane	ug/L	ND																			
MW-20	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-20	Carbon Tetrachloride	ug/L	ND																			
MW-20	Chlorobenzene	ug/L	ND																			
MW-20	Chloroethane	ug/L	ND																			
MW-20	Chloroform	ug/L	ND																			
MW-20	cis-1,2-Dichloroethene	ug/L	ND																			
MW-20	cis-1,3-Dichloropropene	ug/L	ND																			
MW-20	Dibromochloromethane	ug/L	ND																			
MW-20	Dibromomethane	ug/L	ND																			
MW-20	Ethylbenzene	ug/L	ND																			
MW-20	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-20	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-20	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-20	ortho-Xylene	ug/L	ND																			
MW-20	para-Xylene & meta-Xylene	ug/L	ND																			
MW-20	Styrene	ug/L	ND																			
MW-20	Tetrachloroethene	ug/L	ND																			
MW-20	Toluene	ug/L	ND																			
MW-20	trans-1,2-Dichloroethene	ug/L	ND																			
MW-20	trans-1,3-Dichloropropene	ug/L	ND																			
MW-20	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-20	Trichloroethene	ug/L	ND																			
MW-20	Trichlorofluoromethane	ug/L	ND	ND	ND	ND	ND	ND	0.76	0.76	ND											
MW-20	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-20	Vinyl Chloride	ug/L	ND																			

ND: Not Detected
 NT: Not Tested
 NS: Not Sampled

TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-21	1,1,1,2-Tetrachloroethane	ug/L	ND	ND	ND	NT	NS	ND	ND	ND	ND	ND	NT	ND								
MW-21	1,1,1-Trichloroethane	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	NT	NS	ND	ND	1.61	ND											
MW-21	1,1,2-Trichloroethane	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	1,1-Dichloroethane	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	1,1-Dichloroethene	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	1,2,3-Trichloropropane	ug/L	ND	ND	ND	NT	NS	ND	ND	ND	NT	ND										
MW-21	1,2-Dibromo-3-chloropropane	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	1,2-Dibromoethane	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	1,2-Dichlorobenzene	ug/L	ND	ND	ND	NT	NS	ND	ND	1.75	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND
MW-21	1,2-Dichloroethane	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	1,2-Dichloropropane	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	1,4-Dichlorobenzene	ug/L	ND	ND	ND	NT	NS	ND	ND	1.85	ND											
MW-21	2-Butanone	ug/L	ND	ND	ND	NT	NS	NT	NT	ND	ND	ND	NT	ND								
MW-21	2-Hexanone	ug/L	ND	ND	ND	NT	NS	NT	NT	2.12	ND	ND	NT	ND								
MW-21	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NS	NT	NT	NT	ND	ND	NT	ND								
MW-21	Acetone	ug/L	ND	ND	ND	NT	NS	NT	NT	NT	ND											
MW-21	Acrylonitrile	ug/L	ND	ND	ND	NT	NS	NT	NT	NT	ND	ND	NT	ND								
MW-21	Benzene	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	Bromochloromethane	ug/L	ND	ND	ND	NT	NS	ND	ND	ND	NT	ND	NT	ND	ND							
MW-21	Bromodichloromethane	ug/L	ND	ND	ND	NT	NS	ND	NT	ND	ND											
MW-21	Bromoform	ug/L	ND	ND	ND	NT	NS	ND	ND	1.02	ND											
MW-21	Bromomethane	ug/L	ND	ND	ND	NT	NS	0.53	ND													
MW-21	Carbon disulfide	ug/L	ND	ND	ND	NT	NS	NT	NT	ND	ND	ND	NT	ND								
MW-21	Carbon Tetrachloride	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	Chlorobenzene	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	Chloroethane	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	Chloroform	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	cis-1,2-Dichloroethene	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	cis-1,3-Dichloropropene	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	Dibromochloromethane	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	Dibromomethane	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	Ethylbenzene	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	Methylene Chloride	ug/L	ND	ND	ND	NT	NS	NT	NT	NT	ND	ND	NT	ND								
MW-21	Methyl Iodide	ug/L	ND	ND	ND	NT	NS	NT	NT	NT	ND	ND	NT	ND								
MW-21	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-21	ortho-Xylene	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	para-Xylene & meta-Xylene	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	Styrene	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	Tetrachloroethene	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	Toluene	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	trans-1,2-Dichloroethene	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	trans-1,3-Dichloropropene	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	NT	NS	NT	NT	ND	ND	ND	NT	ND								
MW-21	Trichloroethene	ug/L	ND	ND	ND	NT	NS	ND														
MW-21	Trichlorofluoromethane	ug/L	ND	ND	ND	NT	NS	ND	0.63	ND												
MW-21	Vinyl Acetate	ug/L	ND	ND	ND	NT	NS	NT	NT	NT	NT	ND	NT	ND								
MW-21	Vinyl Chloride	ug/L	ND	ND	ND	NT	NS	ND														

ND: Not Detected
 NT: Not Tested
 NS: Not Sampled

TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-22	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-22	1,1,1-Trichloroethane	ug/L	ND																			
MW-22	1,1,2,2-Tetrachloroethane	ug/L	ND	1.73	ND																	
MW-22	1,1,2-Trichloroethane	ug/L	ND																			
MW-22	1,1-Dichloroethane	ug/L	2.76	1.08	ND	1.35	8.89	0.76	1.35	1.46	1.02	ND	ND	ND	2.5	ND	1.75	1.22	1.124	ND	1.37	1.27
MW-22	1,1-Dichloroethene	ug/L	ND																			
MW-22	1,2,3-Trichloropropane	ug/L	3.44	ND	NT	ND																
MW-22	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-22	1,2-Dibromoethane	ug/L	ND																			
MW-22	1,2-Dichlorobenzene	ug/L	ND	1.87	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND						
MW-22	1,2-Dichloroethane	ug/L	ND																			
MW-22	1,2-Dichloropropane	ug/L	ND																			
MW-22	1,4-Dichlorobenzene	ug/L	ND	ND	ND	ND	0.74	ND	ND	2.06	ND											
MW-22	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-22	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	2.35	ND	ND	NT	ND								
MW-22	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-22	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	7.72	ND										
MW-22	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-22	Benzene	ug/L	ND	ND	ND	ND	1.11	ND														
MW-22	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-22	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-22	Bromoform	ug/L	ND																			
MW-22	Bromomethane	ug/L	ND																			
MW-22	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-22	Carbon Tetrachloride	ug/L	ND																			
MW-22	Chlorobenzene	ug/L	ND																			
MW-22	Chloroethane	ug/L	ND																			
MW-22	Chloroform	ug/L	ND																			
MW-22	cis-1,2-Dichloroethene	ug/L	1.59	1.16	1.86	ND	18.59	1.52	1.76	1.01	1.55	ND	ND	ND	1.9	2.58	1.77	2.59	1.83	3.71	3.12	
MW-22	cis-1,3-Dichloropropene	ug/L	ND																			
MW-22	Dibromochloromethane	ug/L	ND																			
MW-22	Dibromomethane	ug/L	ND																			
MW-22	Ethylbenzene	ug/L	ND																			
MW-22	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-22	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-22	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-22	ortho-Xylene	ug/L	ND	ND	ND	ND	0.85	ND														
MW-22	para-Xylene & meta-Xylene	ug/L	ND																			
MW-22	Styrene	ug/L	ND																			
MW-22	Tetrachloroethene	ug/L	4.76	3.44	5.26	2.9	33.09	3.69	4.53	1.68	3.72	1.57	ND	ND	4.1	ND	4.47	3.55	3.75	3.07	4.51	3.91
MW-22	Toluene	ug/L	ND																			
MW-22	trans-1,2-Dichloroethene	ug/L	ND																			
MW-22	trans-1,3-Dichloropropene	ug/L	ND																			
MW-22	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-22	Trichloroethene	ug/L	2.21	1.38	1.85	ND	11.63	1.33	1.51	ND	1.32	ND	ND	ND	1.2	ND	1.72	1.32	1.52	1.13	2.13	1.59
MW-22	Trichlorofluoromethane	ug/L	ND																			
MW-22	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-22	Vinyl Chloride	ug/L	ND	ND	ND	ND	1.71	ND														

ND: Not Detected
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TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-23	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-23	1,1,1-Trichloroethane	ug/L	ND																			
MW-23	1,1,2,2-Tetrachloroethane	ug/L	ND	1.49	ND																	
MW-23	1,1,2-Trichloroethane	ug/L	ND																			
MW-23	1,1-Dichloroethane	ug/L	7.79	ND	1.87	1.02	1.92	ND	8.12	4.35	3.18	ND	ND	2.6	ND	ND	9.15	1.58	7.97	ND	8.25	1.61
MW-23	1,1-Dichloroethene	ug/L	ND																			
MW-23	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-23	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-23	1,2-Dibromoethane	ug/L	ND																			
MW-23	1,2-Dichlorobenzene	ug/L	ND	1.88	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND						
MW-23	1,2-Dichloroethane	ug/L	ND	34.1	ND																	
MW-23	1,2-Dichloropropane	ug/L	ND																			
MW-23	1,4-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	0.54	2.16	ND	1.19	ND										
MW-23	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-23	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	2.12	ND	ND	NT	ND								
MW-23	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-23	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND											
MW-23	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-23	Benzene	ug/L	ND																			
MW-23	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-23	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-23	Bromoform	ug/L	ND	1.13	ND																	
MW-23	Bromomethane	ug/L	ND	ND	ND	ND	ND	0.56	ND													
MW-23	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-23	Carbon Tetrachloride	ug/L	ND																			
MW-23	Chlorobenzene	ug/L	ND																			
MW-23	Chloroethane	ug/L	ND																			
MW-23	Chloroform	ug/L	ND																			
MW-23	cis-1,2-Dichloroethene	ug/L	7.66	ND	10.41	ND	1.47	1.52	16.28	4.91	11.4	ND	ND	2.8	ND	ND	19.7	2.73	18.8	1.58	22	3.38
MW-23	cis-1,3-Dichloropropene	ug/L	ND																			
MW-23	Dibromochloromethane	ug/L	ND																			
MW-23	Dibromomethane	ug/L	ND																			
MW-23	Ethylbenzene	ug/L	ND																			
MW-23	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND	3.9	ND	18.5	ND	13.3	ND	15.2	ND
MW-23	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND	<1							
MW-23	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-23	ortho-Xylene	ug/L	ND	ND	ND	ND	ND	ND	0.56	ND												
MW-23	para-Xylene & meta-Xylene	ug/L	ND																			
MW-23	Styrene	ug/L	ND																			
MW-23	Tetrachloroethene	ug/L	16.63	1.73	20.54	2.3	5.32	3.58	30.1	8.01	19.8	3.09	28.8	4.2	19	ND	33.1	5.51	28.9	3.26	29.5	5.26
MW-23	Toluene	ug/L	ND																			
MW-23	trans-1,2-Dichloroethene	ug/L	ND	1.4	ND																	
MW-23	trans-1,3-Dichloropropene	ug/L	ND																			
MW-23	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-23	Trichloroethene	ug/L	7.47	ND	7.63	ND	1.72	ND	9.89	3.35	6.67	ND	9.65	1.6	ND	ND	10.7	1.82	10.5	1.02	10.2	1.79
MW-23	Trichlorofluoromethane	ug/L	ND																			
MW-23	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-23	Vinyl Chloride	ug/L	ND	ND	2.68	ND	ND	0.91	1.02	ND	1.71	ND										

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 NS: Not Sampled

TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-24	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-24	1,1,1-Trichloroethane	ug/L	ND																			
MW-24	1,1,2,2-Tetrachloroethane	ug/L	ND	1.47	ND																	
MW-24	1,1,2-Trichloroethane	ug/L	ND																			
MW-24	1,1-Dichloroethane	ug/L	1.5	ND	ND	1.06	ND	ND	1.16	1.16	ND											
MW-24	1,1-Dichloroethene	ug/L	ND																			
MW-24	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-24	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-24	1,2-Dibromoethane	ug/L	ND																			
MW-24	1,2-Dichlorobenzene	ug/L	ND	1.78	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND						
MW-24	1,2-Dichloroethane	ug/L	ND																			
MW-24	1,2-Dichloropropane	ug/L	ND																			
MW-24	1,4-Dichlorobenzene	ug/L	ND	1.97	ND																	
MW-24	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-24	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	1.77	ND	ND	NT	ND								
MW-24	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	1.91	NT	ND								
MW-24	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND											
MW-24	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-24	Benzene	ug/L	ND																			
MW-24	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-24	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-24	Bromoform	ug/L	ND	1.04	ND																	
MW-24	Bromomethane	ug/L	ND	ND	ND	ND	ND	0.71	ND													
MW-24	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-24	Carbon Tetrachloride	ug/L	ND																			
MW-24	Chlorobenzene	ug/L	ND																			
MW-24	Chloroethane	ug/L	ND																			
MW-24	Chloroform	ug/L	ND	ND	ND	ND	0.8	ND														
MW-24	cis-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	1.3	1.25	1.25	ND	ND	ND	ND	ND	ND	1.23	ND	1.04	ND	1.41	1.16
MW-24	cis-1,3-Dichloropropene	ug/L	ND																			
MW-24	Dibromochloromethane	ug/L	ND																			
MW-24	Dibromomethane	ug/L	ND																			
MW-24	Ethylbenzene	ug/L	ND																			
MW-24	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-24	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-24	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-24	ortho-Xylene	ug/L	ND																			
MW-24	para-Xylene & meta-Xylene	ug/L	ND																			
MW-24	Styrene	ug/L	ND																			
MW-24	Tetrachloroethene	ug/L	2.69	2.23	2.73	2.2	ND	ND	3.15	1.76	1.8	2.59	ND	1.3	2.1	ND	2.3	ND	1.99	1.43	2.2	1.79
MW-24	Toluene	ug/L	ND																			
MW-24	trans-1,2-Dichloroethene	ug/L	ND																			
MW-24	trans-1,3-Dichloropropene	ug/L	ND																			
MW-24	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-24	Trichloroethene	ug/L	1.45	ND	1.07	ND	ND	1.21	1.21	1.01	ND											
MW-24	Trichlorofluoromethane	ug/L	ND																			
MW-24	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-24	Vinyl Chloride	ug/L	ND																			

ND: Not Detected
 NT: Not Tested
 NS: Not Sampled

TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-25	1,1,1,2-Tetrachloroethane	ug/L	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND								
MW-25	1,1,1-Trichloroethane	ug/L	ND	ND	ND	NT	ND															
MW-25	1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	NT	ND	ND	ND	1.54	ND											
MW-25	1,1,2-Trichloroethane	ug/L	ND	ND	ND	NT	ND															
MW-25	1,1-Dichloroethane	ug/L	1.51	ND	ND	NT	ND															
MW-25	1,1-Dichloroethene	ug/L	ND	ND	ND	NT	ND															
MW-25	1,2,3-Trichloropropane	ug/L	8.54	ND	ND	NT	ND	ND	ND	ND	NT	ND										
MW-25	1,2-Dibromo-3-chloropropane	ug/L	ND	ND	ND	NT	ND															
MW-25	1,2-Dibromoethane	ug/L	ND	ND	ND	NT	ND															
MW-25	1,2-Dichlorobenzene	ug/L	ND	ND	ND	NT	ND	ND	ND	1.92	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND
MW-25	1,2-Dichloroethane	ug/L	ND	ND	ND	NT	ND															
MW-25	1,2-Dichloropropane	ug/L	ND	ND	ND	NT	ND															
MW-25	1,4-Dichlorobenzene	ug/L	ND	ND	ND	NT	ND	ND	ND	1.92	ND											
MW-25	2-Butanone	ug/L	ND	ND	ND	NT	NT	NT	NT	ND	ND	ND	NT	ND								
MW-25	2-Hexanone	ug/L	ND	ND	ND	NT	NT	NT	NT	1.97	ND	ND	NT	ND								
MW-25	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-25	Acetone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND											
MW-25	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-25	Benzene	ug/L	ND	ND	ND	NT	ND															
MW-25	Bromochloromethane	ug/L	ND	ND	ND	NT	ND	ND	ND	ND	NT	ND	NT	ND	ND							
MW-25	Bromodichloromethane	ug/L	ND	ND	ND	NT	ND	NT	ND	ND												
MW-25	Bromoform	ug/L	ND	ND	ND	NT	ND															
MW-25	Bromomethane	ug/L	ND	ND	ND	NT	ND															
MW-25	Carbon disulfide	ug/L	ND	ND	ND	NT	ND	NT	NT	ND	ND	ND	NT	ND								
MW-25	Carbon Tetrachloride	ug/L	ND	ND	ND	NT	ND															
MW-25	Chlorobenzene	ug/L	ND	ND	ND	NT	ND															
MW-25	Chloroethane	ug/L	ND	ND	ND	NT	ND															
MW-25	Chloroform	ug/L	ND	ND	ND	NT	ND															
MW-25	cis-1,2-Dichloroethene	ug/L	ND	ND	ND	NT	ND															
MW-25	cis-1,3-Dichloropropene	ug/L	ND	ND	ND	NT	ND															
MW-25	Dibromochloromethane	ug/L	ND	ND	ND	NT	ND															
MW-25	Dibromomethane	ug/L	ND	ND	ND	NT	ND															
MW-25	Ethylbenzene	ug/L	ND	ND	ND	NT	ND															
MW-25	Methylene Chloride	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-25	Methyl Iodide	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-25	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-25	ortho-Xylene	ug/L	ND	ND	ND	NT	ND															
MW-25	para-Xylene & meta-Xylene	ug/L	ND	ND	ND	NT	ND															
MW-25	Styrene	ug/L	ND	ND	ND	NT	ND															
MW-25	Tetrachloroethene	ug/L	2.01	1.14	ND	NT	ND															
MW-25	Toluene	ug/L	ND	ND	ND	NT	ND															
MW-25	trans-1,2-Dichloroethene	ug/L	ND	ND	ND	NT	ND															
MW-25	trans-1,3-Dichloropropene	ug/L	ND	ND	ND	NT	ND															
MW-25	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	NT	NT	NT	NT	ND	ND	ND	NT	ND								
MW-25	Trichloroethene	ug/L	2.54	ND	ND	NT	ND															
MW-25	Trichlorofluoromethane	ug/L	1.13	ND	ND	NT	ND															
MW-25	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-25	Vinyl Chloride	ug/L	ND	ND	ND	NT	ND															

ND: Not Detected
 NT: Not Tested
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TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-26	1,1,1,2-Tetrachloroethane	ug/L	ND	NS	ND	NT	ND															
MW-26	1,1,1-Trichloroethane	ug/L	ND	NS	ND																	
MW-26	1,1,2,2-Tetrachloroethane	ug/L	ND	1.58	NS	ND																
MW-26	1,1,2-Trichloroethane	ug/L	ND	NS	ND																	
MW-26	1,1-Dichloroethane	ug/L	ND	ND	ND	ND	2.58	ND	ND	ND	NS	ND										
MW-26	1,1-Dichloroethene	ug/L	ND	NS	ND																	
MW-26	1,2,3-Trichloropropane	ug/L	ND	NS	ND																	
MW-26	1,2-Dibromo-3-chloropropane	ug/L	ND	NS	ND																	
MW-26	1,2-Dibromoethane	ug/L	ND	NS	ND																	
MW-26	1,2-Dichlorobenzene	ug/L	ND	1.79	NS	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND						
MW-26	1,2-Dichloroethane	ug/L	ND	NS	ND																	
MW-26	1,2-Dichloropropane	ug/L	ND	NS	ND																	
MW-26	1,4-Dichlorobenzene	ug/L	ND	1.93	NS	ND																
MW-26	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	NS	ND	NT	ND								
MW-26	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	1.85	NS	ND	NT	ND								
MW-26	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NS	ND	NT	ND								
MW-26	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	NS	ND										
MW-26	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NS	ND	NT	ND								
MW-26	Benzene	ug/L	ND	NS	ND																	
MW-26	Bromochloromethane	ug/L	ND	NS	ND	NT	ND	ND														
MW-26	Bromodichloromethane	ug/L	ND	NS	ND	NT	ND	ND														
MW-26	Bromoform	ug/L	ND	NS	ND																	
MW-26	Bromomethane	ug/L	ND	ND	ND	ND	ND	0.57	ND	ND	NS	ND										
MW-26	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	NS	ND	NT	ND								
MW-26	Carbon Tetrachloride	ug/L	ND	NS	ND																	
MW-26	Chlorobenzene	ug/L	ND	NS	ND																	
MW-26	Chloroethane	ug/L	ND	NS	ND																	
MW-26	Chloroform	ug/L	ND	NS	ND																	
MW-26	cis-1,2-Dichloroethene	ug/L	ND	NS	ND																	
MW-26	cis-1,3-Dichloropropene	ug/L	ND	NS	ND																	
MW-26	Dibromochloromethane	ug/L	ND	NS	ND																	
MW-26	Dibromomethane	ug/L	ND	NS	ND																	
MW-26	Ethylbenzene	ug/L	ND	NS	ND																	
MW-26	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	NS	ND	NT	ND								
MW-26	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	NS	ND	NT	ND								
MW-26	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	NS	ND										
MW-26	ortho-Xylene	ug/L	ND	NS	ND																	
MW-26	para-Xylene & meta-Xylene	ug/L	ND	NS	ND																	
MW-26	Styrene	ug/L	ND	NS	ND																	
MW-26	Tetrachloroethene	ug/L	ND	ND	ND	ND	8.47	ND	ND	ND	NS	ND										
MW-26	Toluene	ug/L	ND	NS	ND																	
MW-26	trans-1,2-Dichloroethene	ug/L	ND	NS	ND																	
MW-26	trans-1,3-Dichloropropene	ug/L	ND	NS	ND																	
MW-26	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	NS	ND	NT	ND								
MW-26	Trichloroethene	ug/L	ND	ND	ND	ND	3.85	ND	ND	ND	NS	ND										
MW-26	Trichlorofluoromethane	ug/L	ND	NS	ND																	
MW-26	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NS	ND	NT	ND								
MW-26	Vinyl Chloride	ug/L	ND	ND	ND	ND	0.52	ND	ND	ND	NS	ND										

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TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-27	1,1,1,2-Tetrachloroethane	ug/L	ND	NT	ND																	
MW-27	1,1,1-Trichloroethane	ug/L	ND																			
MW-27	1,1,2,2-Tetrachloroethane	ug/L	ND	1.6	ND																	
MW-27	1,1,2-Trichloroethane	ug/L	ND																			
MW-27	1,1-Dichloroethane	ug/L	ND																			
MW-27	1,1-Dichloroethene	ug/L	ND																			
MW-27	1,2,3-Trichloropropane	ug/L	ND	NT	ND																	
MW-27	1,2-Dibromo-3-chloropropane	ug/L	ND																			
MW-27	1,2-Dibromoethane	ug/L	ND																			
MW-27	1,2-Dichlorobenzene	ug/L	ND	ND	1.2	ND	ND	ND	ND	1.78	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND
MW-27	1,2-Dichloroethane	ug/L	ND																			
MW-27	1,2-Dichloropropane	ug/L	ND																			
MW-27	1,4-Dichlorobenzene	ug/L	ND	ND	1.24	ND	ND	ND	ND	1.85	ND											
MW-27	2-Butanone	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-27	2-Hexanone	ug/L	ND	ND	ND	ND	NT	NT	NT	2.12	ND	ND	NT	ND								
MW-27	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-27	Acetone	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND											
MW-27	Acrylonitrile	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	ND	ND	NT	ND								
MW-27	Benzene	ug/L	ND																			
MW-27	Bromochloromethane	ug/L	ND	NT	ND	NT	ND	ND														
MW-27	Bromodichloromethane	ug/L	ND	NT	ND	ND																
MW-27	Bromoform	ug/L	ND																			
MW-27	Bromomethane	ug/L	ND																			
MW-27	Carbon disulfide	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-27	Carbon Tetrachloride	ug/L	ND																			
MW-27	Chlorobenzene	ug/L	ND																			
MW-27	Chloroethane	ug/L	ND																			
MW-27	Chloroform	ug/L	ND																			
MW-27	cis-1,2-Dichloroethene	ug/L	ND																			
MW-27	cis-1,3-Dichloropropene	ug/L	ND																			
MW-27	Dibromochloromethane	ug/L	ND																			
MW-27	Dibromomethane	ug/L	ND																			
MW-27	Ethylbenzene	ug/L	ND																			
MW-27	Methylene Chloride	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-27	Methyl Iodide	ug/L	ND	ND	ND	ND	NT	NT	NT	NT	ND	ND	NT	ND								
MW-27	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	ND	ND	ND	NT	ND											
MW-27	ortho-Xylene	ug/L	ND																			
MW-27	para-Xylene & meta-Xylene	ug/L	ND																			
MW-27	Styrene	ug/L	ND																			
MW-27	Tetrachloroethene	ug/L	ND																			
MW-27	Toluene	ug/L	ND																			
MW-27	trans-1,2-Dichloroethene	ug/L	ND																			
MW-27	trans-1,3-Dichloropropene	ug/L	ND																			
MW-27	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	ND								
MW-27	Trichloroethene	ug/L	ND	ND	ND	ND	2.16	ND														
MW-27	Trichlorofluoromethane	ug/L	ND																			
MW-27	Vinyl Acetate	ug/L	ND	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	ND								
MW-27	Vinyl Chloride	ug/L	ND																			

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TABLE 2: Volatile Organic Compounds - 7 Year Summary

Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
SW-20	1,1,1,2-Tetrachloroethane	ug/L	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	NT	ND								
SW-20	1,1,1-Trichloroethane	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	ND	NS	ND	ND	1.65	ND											
SW-20	1,1,2-Trichloroethane	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	1,1-Dichloroethane	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	1,1-Dichloroethene	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	1,2,3-Trichloropropane	ug/L	ND	ND	ND	ND	NS	ND	ND	ND	NT	ND										
SW-20	1,2-Dibromo-3-chloropropane	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	1,2-Dibromoethane	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	1,2-Dichlorobenzene	ug/L	ND	ND	ND	ND	NS	ND	ND	1.94	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND
SW-20	1,2-Dichloroethane	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	1,2-Dichloropropane	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	1,4-Dichlorobenzene	ug/L	ND	ND	ND	ND	NS	ND	ND	1.96	ND											
SW-20	2-Butanone	ug/L	4.22	ND	ND	ND	NS	NT	NT	ND	ND	ND	NT	ND								
SW-20	2-Hexanone	ug/L	ND	ND	ND	ND	NS	NT	NT	1.8	ND	ND	NT	ND								
SW-20	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NS	NT	NT	NT	ND	ND	NT	ND								
SW-20	Acetone	ug/L	ND	ND	ND	ND	NS	NT	NT	NT	ND											
SW-20	Acrylonitrile	ug/L	ND	ND	ND	NT	NS	NT	NT	NT	ND	ND	NT	ND								
SW-20	Benzene	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	Bromochloromethane	ug/L	ND	ND	ND	ND	NS	ND	ND	ND	NT	ND	NT	ND	ND							
SW-20	Bromodichloromethane	ug/L	ND	ND	ND	ND	NS	ND	NT	ND	ND											
SW-20	Bromoform	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	Bromomethane	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	Carbon disulfide	ug/L	ND	ND	ND	ND	NS	NT	NT	ND	ND	ND	NT	ND								
SW-20	Carbon Tetrachloride	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	Chlorobenzene	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	Chloroethane	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	Chloroform	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	cis-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	cis-1,3-Dichloropropene	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	Dibromochloromethane	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	Dibromomethane	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	Ethylbenzene	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	Methylene Chloride	ug/L	ND	ND	ND	ND	NS	NT	NT	NT	ND	ND	NT	ND								
SW-20	Methyl Iodide	ug/L	ND	ND	ND	ND	NS	NT	NT	NT	ND	ND	NT	ND								
SW-20	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	NS	ND	ND	NT	ND											
SW-20	ortho-Xylene	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	para-Xylene & meta-Xylene	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	Styrene	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	Tetrachloroethene	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	Toluene	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	trans-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	trans-1,3-Dichloropropene	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NS	NT	NT	ND	ND	ND	NT	ND								
SW-20	Trichloroethene	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	Trichlorofluoromethane	ug/L	ND	ND	ND	ND	NS	ND														
SW-20	Vinyl Acetate	ug/L	ND	ND	ND	NT	NS	NT	NT	NT	NT	ND	NT	ND								
SW-20	Vinyl Chloride	ug/L	ND	ND	ND	ND	NS	ND														

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 NT: Not Tested
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TABLE 2: Volatile Organic Compounds - 7 Year Summary

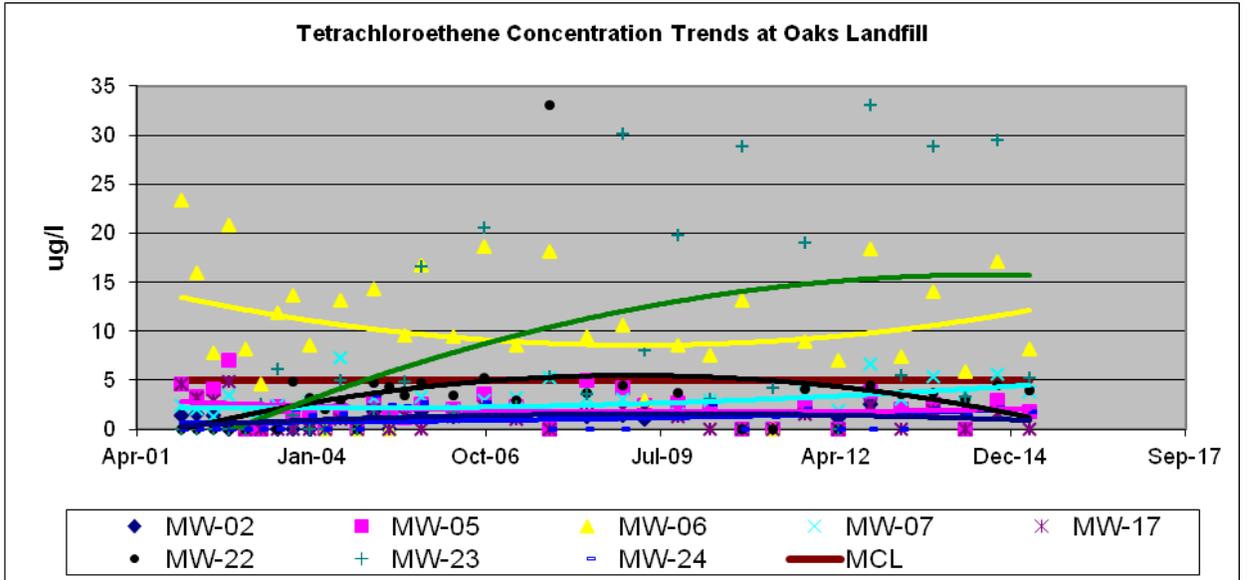
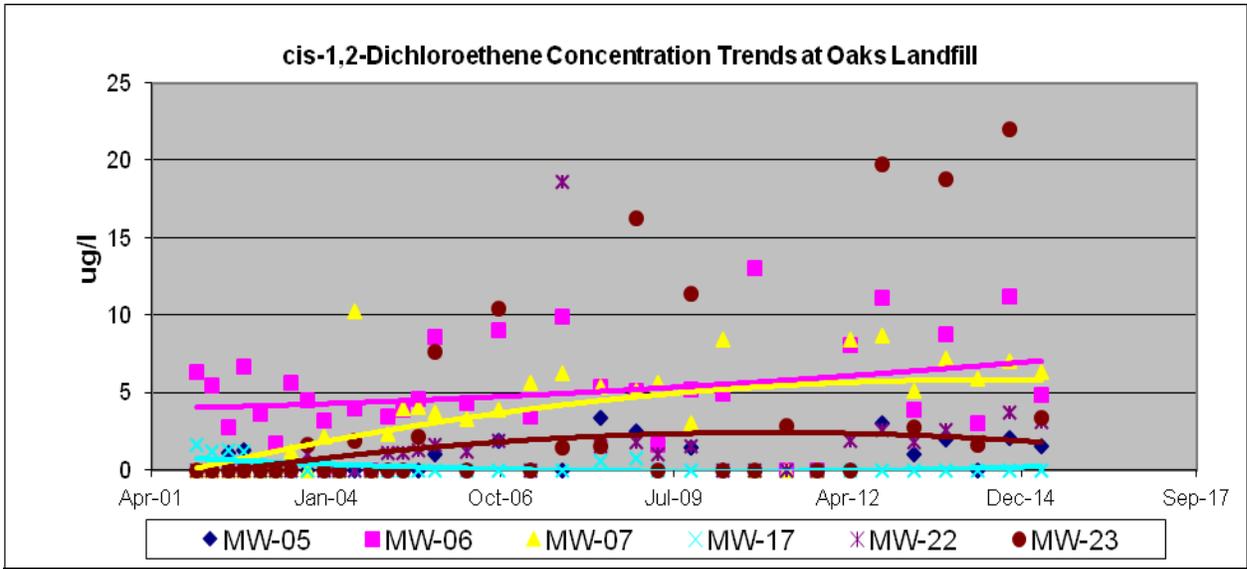
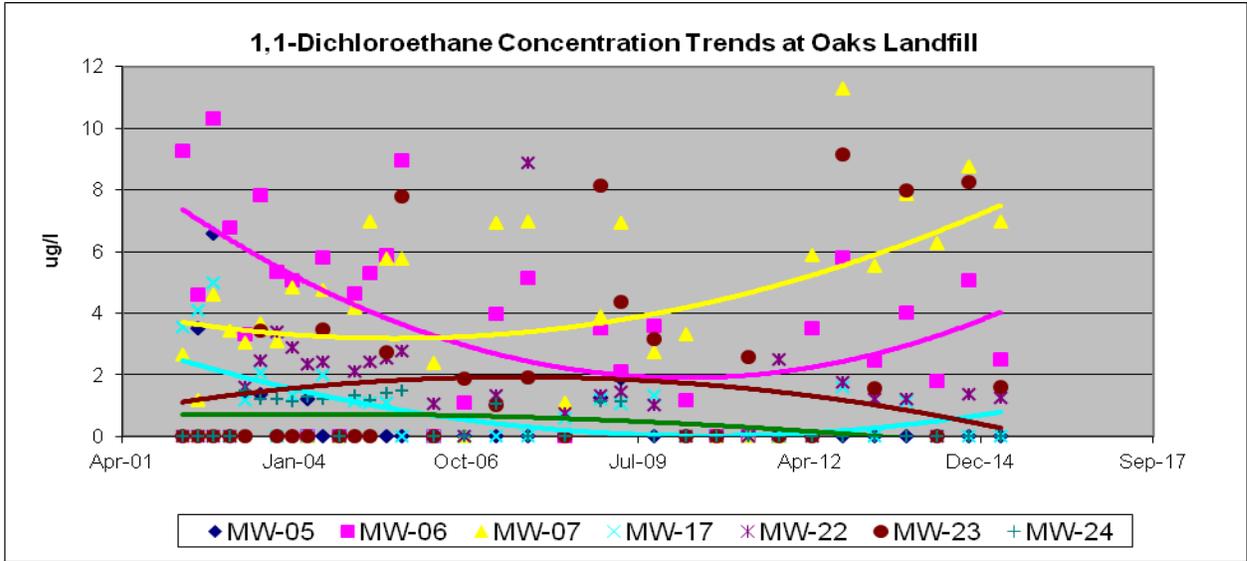
Sample Name	Parameter	Units	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
SW-30	1,1,1,2-Tetrachloroethane	ug/L	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	NT	ND								
SW-30	1,1,1-Trichloroethane	ug/L	ND	1.14	ND	ND	NS	ND														
SW-30	1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	ND	NS	ND	ND	2.63	ND											
SW-30	1,1,2-Trichloroethane	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	1,1-Dichloroethane	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	1,1-Dichloroethene	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	1,2,3-Trichloropropane	ug/L	ND	ND	ND	ND	NS	ND	ND	ND	NT	ND										
SW-30	1,2-Dibromo-3-chloropropane	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	1,2-Dibromoethane	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	1,2-Dichlorobenzene	ug/L	ND	ND	ND	ND	NS	ND	ND	2.27	NT	ND	NT	ND	ND	ND	ND	ND	ND	NT	ND	ND
SW-30	1,2-Dichloroethane	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	1,2-Dichloropropane	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	1,4-Dichlorobenzene	ug/L	ND	ND	ND	ND	NS	ND	ND	2.18	ND											
SW-30	2-Butanone	ug/L	ND	ND	ND	ND	NS	NT	NT	ND	ND	ND	NT	ND								
SW-30	2-Hexanone	ug/L	ND	ND	ND	ND	NS	NT	NT	9.49	ND	ND	NT	ND								
SW-30	4-Methyl-2-pentanone	ug/L	ND	ND	ND	NT	NS	NT	NT	NT	ND	ND	NT	ND								
SW-30	Acetone	ug/L	ND	ND	ND	ND	NS	NT	NT	NT	ND											
SW-30	Acrylonitrile	ug/L	ND	ND	ND	NT	NS	NT	NT	NT	ND	ND	NT	ND								
SW-30	Benzene	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	Bromochloromethane	ug/L	ND	ND	ND	ND	NS	ND	ND	ND	NT	ND	NT	ND	ND							
SW-30	Bromodichloromethane	ug/L	ND	ND	ND	ND	NS	ND	NT	ND	ND											
SW-30	Bromoform	ug/L	ND	ND	ND	ND	NS	ND	ND	1.7	ND											
SW-30	Bromomethane	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	Carbon disulfide	ug/L	ND	ND	ND	ND	NS	NT	NT	ND	ND	ND	NT	ND								
SW-30	Carbon Tetrachloride	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	Chlorobenzene	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	Chloroethane	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	Chloroform	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	cis-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	cis-1,3-Dichloropropene	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	Dibromochloromethane	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	Dibromomethane	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	Ethylbenzene	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	Methylene Chloride	ug/L	ND	ND	ND	ND	NS	NT	NT	NT	ND	ND	NT	ND								
SW-30	Methyl Iodide	ug/L	ND	ND	ND	ND	NS	NT	NT	NT	ND	ND	NT	ND								
SW-30	Methyl Tertiary Butyl Ether	ug/L	ND	ND	ND	NT	NS	ND	ND	NT	ND											
SW-30	ortho-Xylene	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	para-Xylene & meta-Xylene	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	Styrene	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	Tetrachloroethene	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	Toluene	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	trans-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	trans-1,3-Dichloropropene	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	trans-1,4-Dichloro-2-buten	ug/L	ND	ND	ND	ND	NS	NT	NT	NT	ND	ND	NT	ND								
SW-30	Trichloroethene	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	Trichlorofluoromethane	ug/L	ND	ND	ND	ND	NS	ND														
SW-30	Vinyl Acetate	ug/L	ND	ND	ND	NT	NS	NT	NT	NT	NT	ND	NT	ND								
SW-30	Vinyl Chloride	ug/L	ND	ND	ND	ND	NS	ND														

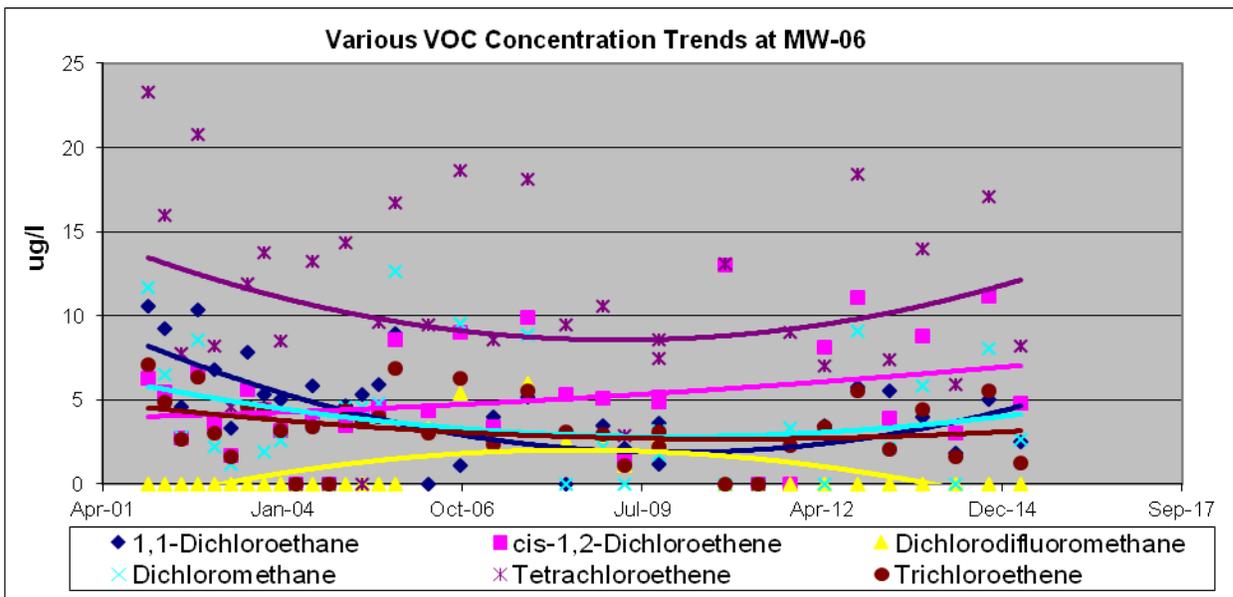
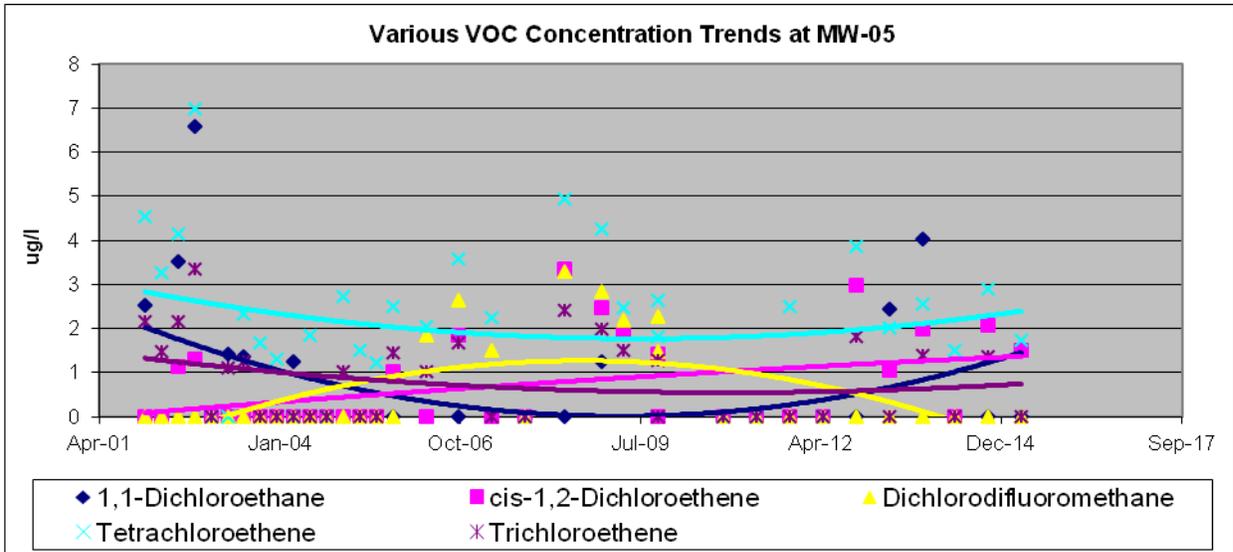
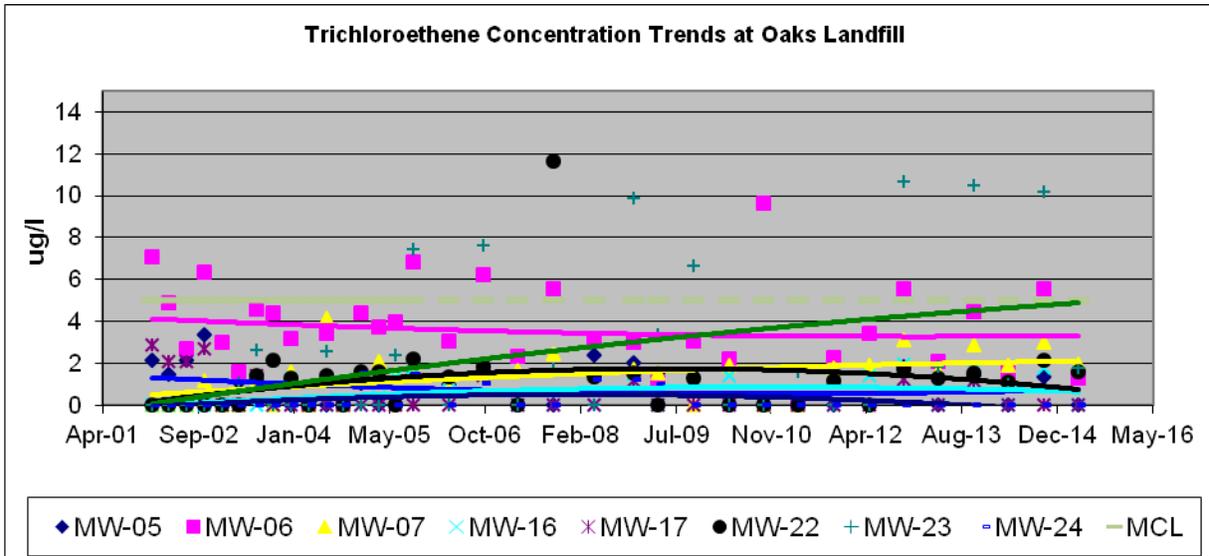
ND: Not Detected
 NT: Not Tested
 NS: Not Sampled

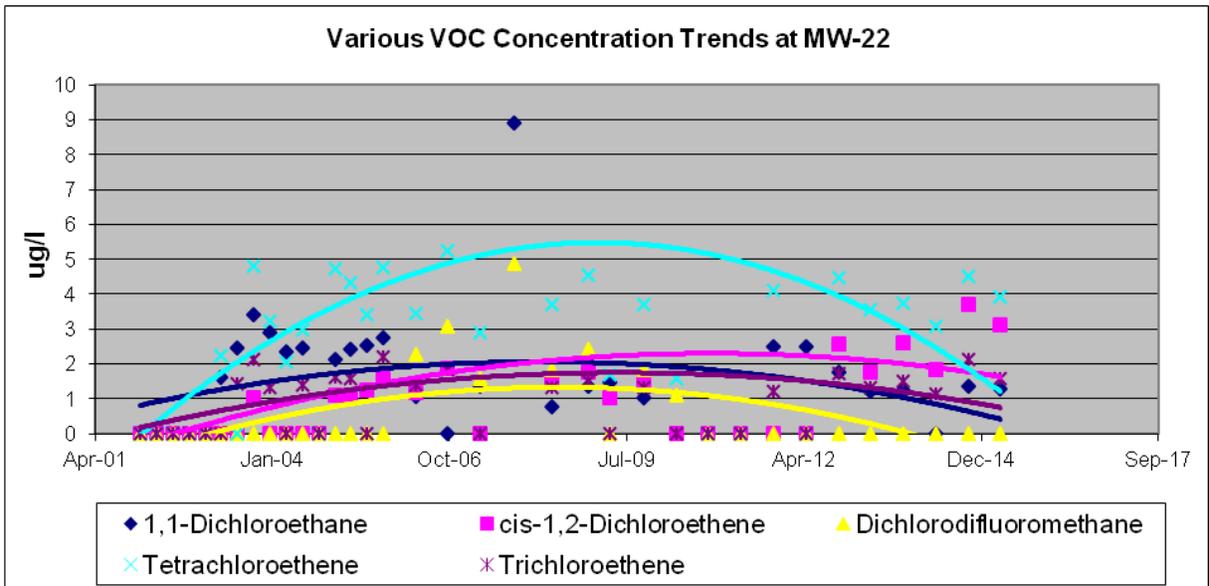
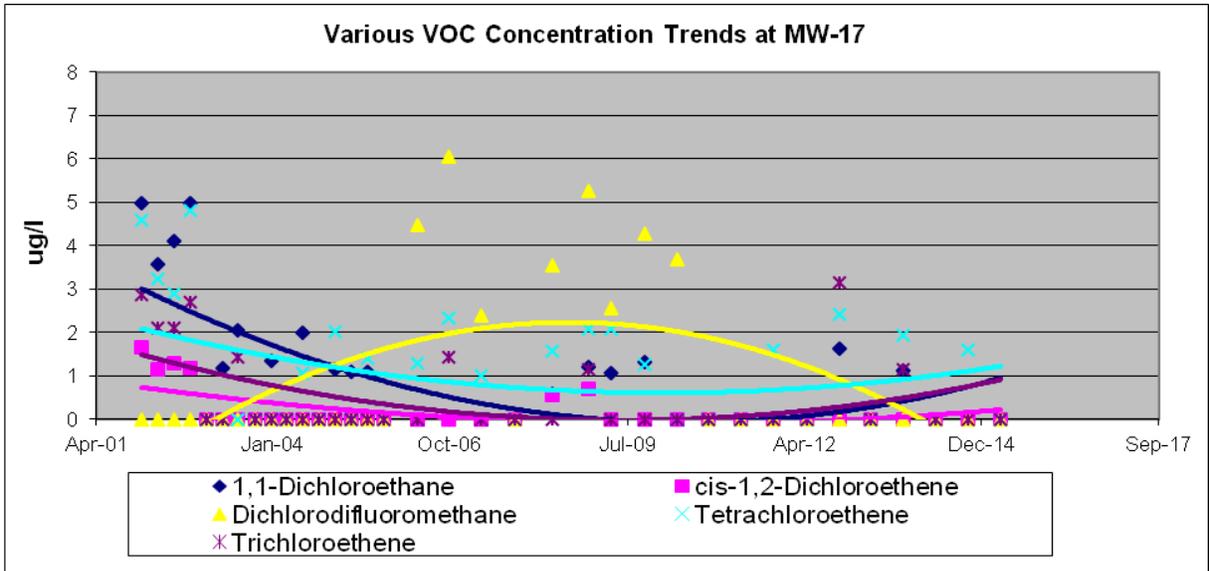
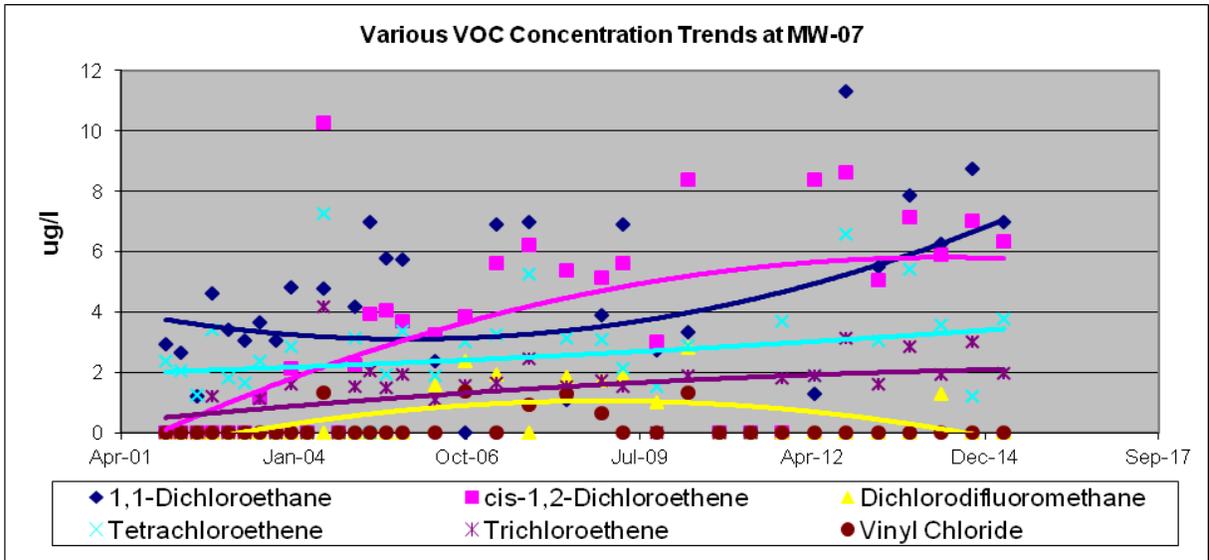
Appendix C

Volatile Organic Compounds

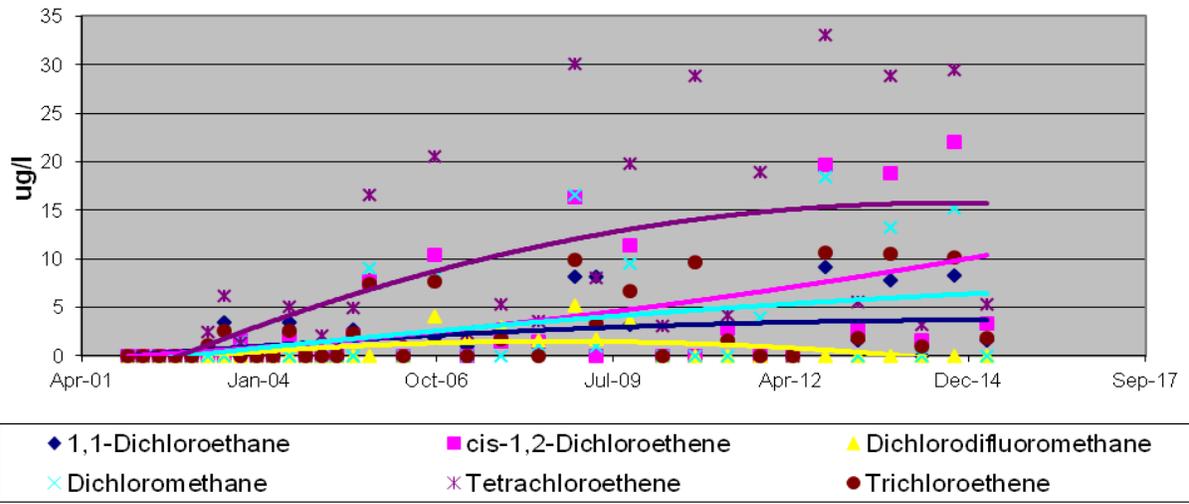
Trend Analysis



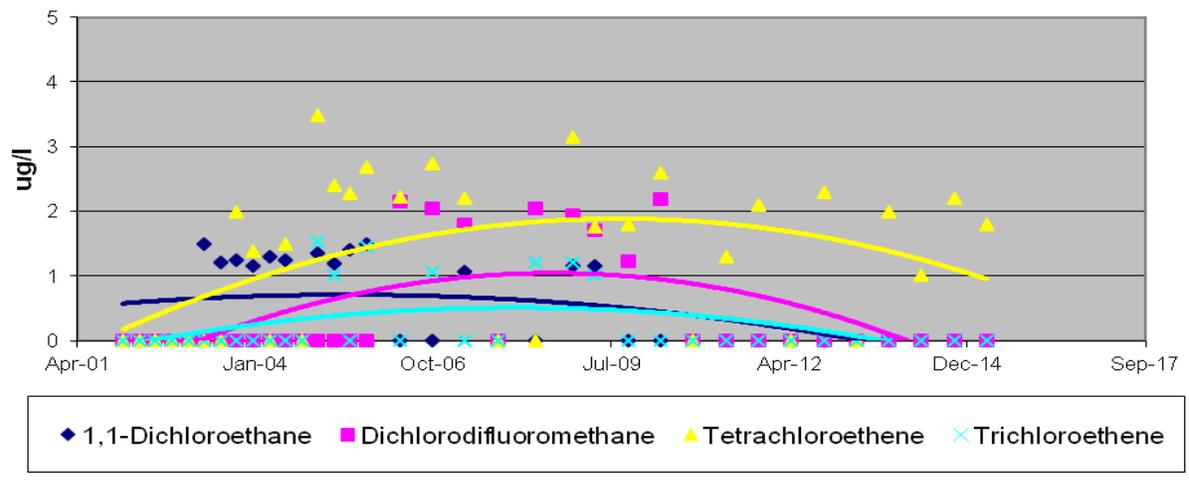




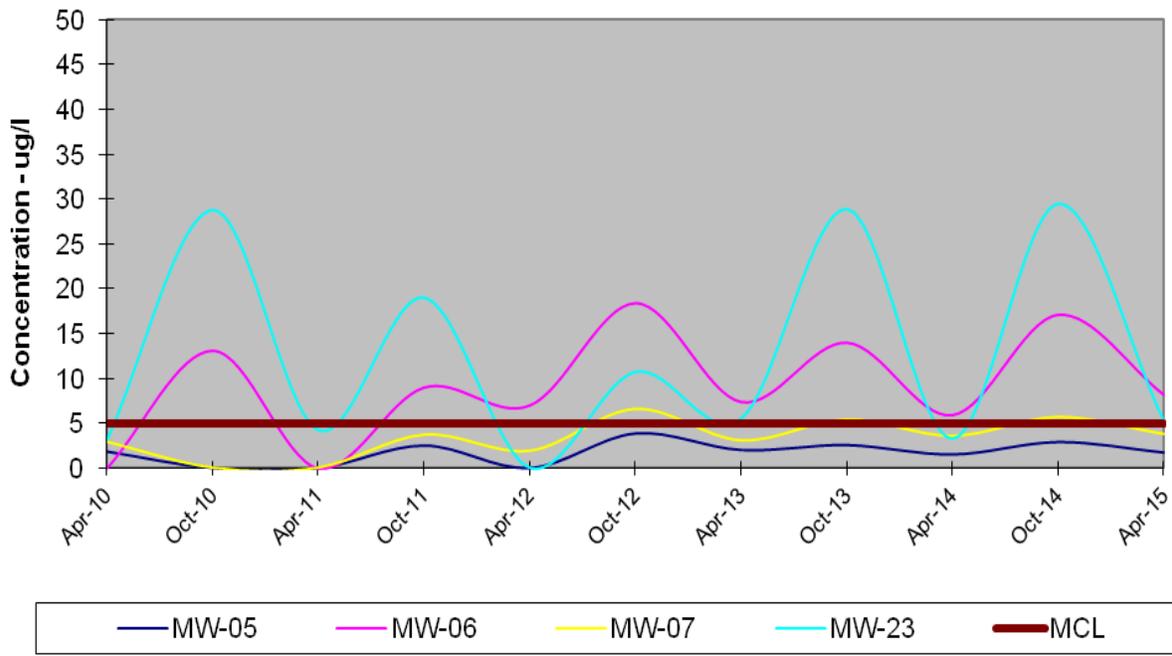
Various VOC Concentration Trends at MW-23



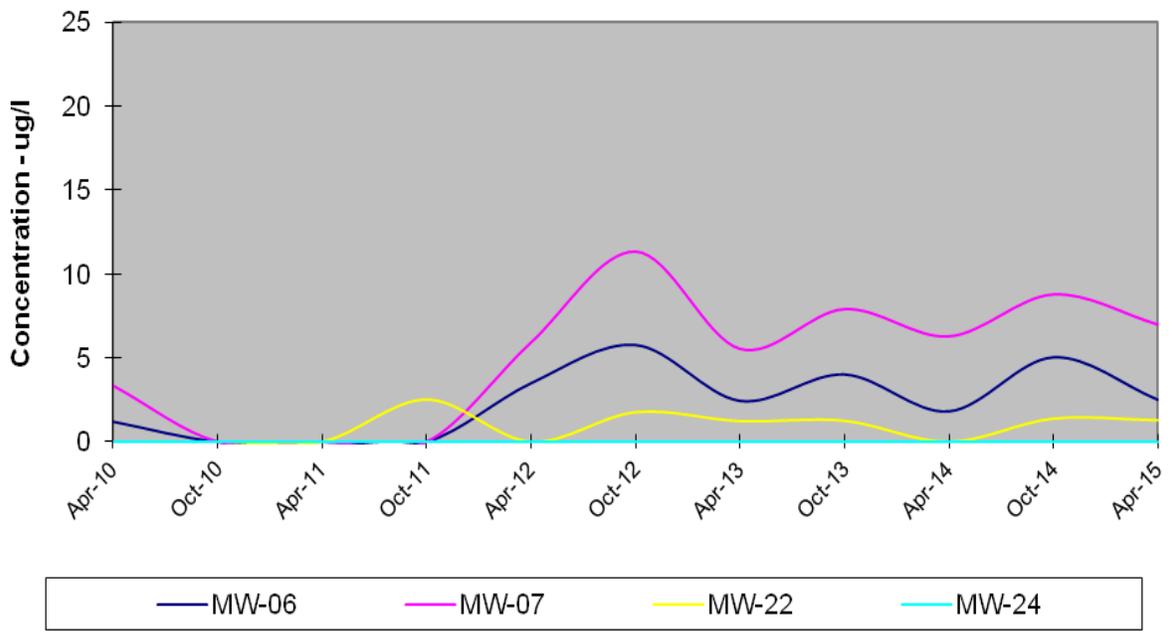
Various VOC Concentration Trends at MW-24



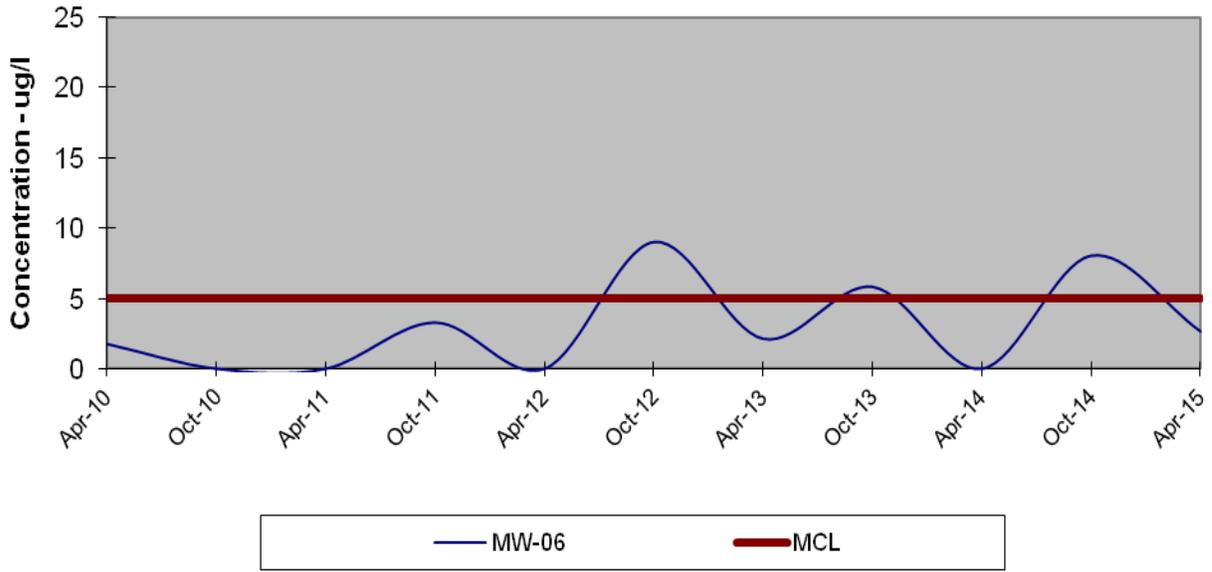
Tetrachloroethene Concentration Trend at Oaks Landfill



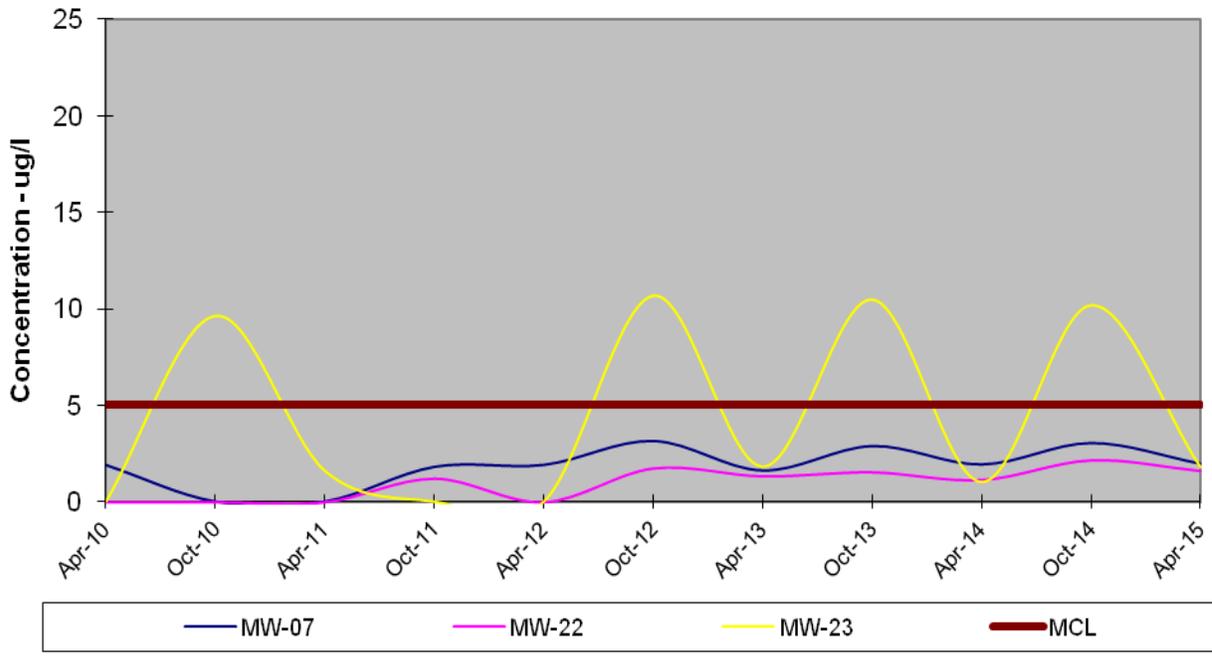
1,1-Dichloroethane Concentration Trend at Oaks Landfill



Dichloromethane Concentration Trend at Oaks Landfill Monitoring Well MW-06



Trichloroethene Concentration Trend at Oaks Landfill



Appendix D

Tables of Metals

Results in (mg/l)

TABLE 3 ELEMENTS and Indicator Parameters

Parameter	Detection Limit	Units	MCL	MW-01	MW-02	MW-03	MW-04	MW-05	MW-06	MW-07	MW-08	MW-09	MW-10
Alkalinity		mg/L		28	31	17	26	25	58	37	36	NS	20
Ammonia		mg/L as N		ND	ND	ND	ND	ND	ND	<0.2	ND	NS	ND
Antimony		mg/L		ND	ND	NS	ND						
Arsenic	0.005	mg/L	0.01	ND	ND	NS	ND						
Barium	0.005	mg/L	2	0.011	0.0095	0.014	0.038	0.015	0.053	0.031	0.035	NS	ND
Beryllium	0.005	mg/L	0.004	ND	ND	NS	ND						
Cadmium	0.005	mg/L	0.005	ND	ND	NS	ND						
Calcium		mg/L		9.3	9.2	14	15	7.7	21	11	7.7	NS	3.3
Chloride		mg/L		11.4	5.61	49.1	10.9	4.69	11.6	24.3	6.7	NS	5
Chromium	0.005	mg/L	0.1	ND	0.0043	0.003	0.002	0.002	ND	ND	ND	NS	ND
Cobalt	0.005	mg/L		ND	ND	NS	ND						
COD		mg/L		ND	ND	NS	ND						
Copper	0.005	mg/L	1.3	0.0044	0.011	0.02	0.0041	0.0038	0.0051	0.0027	0.003	NS	0.0028
Hardness		mg/L		56	54	70	80	60	130	54	46	NS	30
Iron	0.5	mg/L		0.0056	1.3	0.1	0.66	0.4	ND	0.089	0.049	NS	0.017
Lead	0.005	mg/L	0.015	ND	0.0012	ND	ND	ND	ND	ND	ND	NS	ND
Magnesium		mg/L		4.6	4.8	8.5	8.5	5.6	15	7.7	5.9	NS	2.6
Manganese		mg/L		ND	0.023	0.0056	0.022	0.0061	0.15	0.014	0.013	NS	ND
Mercury	0.0002	mg/L	0.002	ND	ND	ND	ND	ND	0.0003	ND	ND	NS	ND
Nickel	0.005	mg/L		ND	ND	0.013	0.0069	ND	0.0081	ND	0.009	NS	ND
Nitrate		mg/L as N	10	2.87	2.91	5.21	3.6	1.38	4.36	1.83	1.54	NS	1.07
Nitrate+Nitrite		mg/L as N		2.88	2.96	5.26	3.61	1.39	4.37	1.88	1.59	NS	1.08
Nitrite		mg/L as N		ND	<0.05	<0.05	ND	ND	ND	<0.05	<0.05	NS	ND
ORP		mV		419	376	383	464	394	621	601	477	NS	430
pH				6.09	6.12	5.92	5.73	5.91	5.93	5.79	5.64	NS	5.86
Potassium		mg/L		0.86	1.2	1.9	1.3	1	2.1	1.4	0.87	NS	0.52
Selenium	0.005	mg/L	0.05	ND	ND	NS	ND						
Silver	0.005	mg/L		ND	ND	NS	ND						
Sodium		mg/L		5.9	4.9	13	5	2.4	6.7	9.6	5.7	NS	5.6
Specific Conductance		uS/cm		104.4	98.8	211.4	177.9	89	242.7	152.8	97.7	NS	55.6
Sulfate		mg/L		ND	4.65	ND	37.5	13	41	<4	4.4	NS	ND
TDS		mg/L		48	78	128	76	64	111	79	51	NS	23
Thallium	0.005	mg/L	0.002	ND	ND	NS	ND						
Turbidity		NTU		0	74.7	5.9	23	2.6	0	0	0.6	NS	0
Vanadium	0.005	mg/L		ND	ND	NS	ND						
Zinc	0.005	mg/L		0.0051	0.018	0.031	0.019	0.0094	0.022	0.014	0.016	NS	ND

ND: Not Detected
NS: Not Sampled
NT: Not Tested

TABLE 3 ELEMENTS and Indicator Parameters

Parameter	Detection Limit	Units	MCL	MW-11	MW-12	MW-13	MW-14	MM-15	MW-16	MW-17	MW-18A	MW-19	MW-20
Alkalinity		mg/L		23	33	22	184	25	67	6.1	3.9	5.4	32
Ammonia		mg/L as N		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Antimony		mg/L		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	0.005	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium	0.005	mg/L	2	0.02	ND	0.0082	0.033	0.1	0.028	0.026	0.019	0.048	0.023
Beryllium	0.005	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	0.005	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium		mg/L		6.9	4.6	3.5	65	12	23	3	1.5	3.7	7.1
Chloride		mg/L		6.25	<2.5	6.5	6.41	18.2	13.7	6.06	4.02	12.4	3.82
Chromium	0.005	mg/L	0.1	0.0021	ND	0.0024	0.0035	0.002	ND	ND	ND	ND	ND
Cobalt	0.005	mg/L		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
COD		mg/L		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	0.005	mg/L	1.3	0.0062	0.002	0.0054	0.0084	0.0034	0.0026	0.0079	0.003	0.0033	0.0095
Hardness		mg/L		42	36	34	222	66	130	42	24	40	44
Iron	0.5	mg/L		0.88	0.026	0.65	0.84	0.021	ND	ND	ND	0.013	0.047
Lead	0.005	mg/L	0.015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium		mg/L		4.5	3.9	3.7	15	4.7	16	3.6	2.3	3.7	4.6
Manganese		mg/L		0.032	ND	0.01	0.014	0.012	0.039	0.011	0.01	0.023	ND
Mercury	0.0002	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	0.005	mg/L		ND	ND	ND	ND	ND	0.0096	0.0067	ND	ND	ND
Nitrate		mg/L as N	10	3.15	0.229	1.16	3.8	2.13	3.11	4.13	2.44	2.81	2.33
Nitrate+Nitrite		mg/L as N		3.16	0.279	1.17	3.81	2.14	3.12	4.18	2.49	2.86	2.38
Nitrite		mg/L as N		ND	<0.05	ND	ND	ND	ND	<0.05	<0.05	<0.05	<0.05
ORP		mV		575	398	413	380	461	430	423	409	502	485
pH				5.86	6.42	6.03	7.01	5.55	6.09	5.4	5.48	5.27	5.72
Potassium		mg/L		1.3	0.83	0.2	1.6	0.9	1.1	1.1	1	1.5	0.71
Selenium	0.005	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	0.005	mg/L		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium		mg/L		4.7	6.7	5.4	5.8	9.8	5.8	3.4	2.1	4.4	5
Specific Conductance		uS/cm		87.5	71.6	63.4	392.4	140.5	240.7	62.3	34.5	75.7	83.4
Sulfate		mg/L		<4	5.23	<4	22.2	13.9	28.3	<4	ND	<4	ND
TDS		mg/L		31	49	132	328	158	2	52	54	40	41
Thallium	0.005	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Turbidity		NTU		38.5	0.8	9.4	7.5	0	0	0	0	0	0
Vanadium	0.005	mg/L		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	0.005	mg/L		0.016	ND	0.0065	0.0058	0.019	0.021	0.025	0.0086	0.016	0.012

ND: Not Detected
 NS: Not Sampled
 NT: Not Tested

TABLE 3 ELEMENTS and Indicator Parameters

Parameter	Detection Limit	Units	MCL	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26	MW-27	SW-20	SW-30
Alkalinity		mg/L		41	33	14.4	29	6.9	12.6	5.2	56	117
Ammonia		mg/L as N		ND	ND	ND	ND	ND	ND	ND	ND	ND
Antimony		mg/L		ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	0.005	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium	0.005	mg/L	2	0.02	0.035	0.019	0.027	0.094	0.035	0.08	0.0087	0.025
Beryllium	0.005	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	0.005	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium		mg/L		17	9.7	3.5	12	16	13	8.2	19	38
Chloride		mg/L		49.3	7.26	7.09	17.5	86.8	49.6	77	6.63	4.14
Chromium	0.005	mg/L	0.1	0.002	0.0023	ND	ND	ND	0.0041	ND	ND	ND
Cobalt	0.005	mg/L		ND	ND	ND	ND	ND	ND	ND	ND	ND
COD		mg/L		ND	ND	ND	ND	ND	ND	ND	13.8	<10
Copper	0.005	mg/L	1.3	0.003	0.0032	0.0042	0.0034	0.006	0.0019	0.0038	0.0014	0.0034
Hardness		mg/L		82	66	30	78	100	82	60	80	132
Iron	0.5	mg/L		0.088	ND	ND	ND	0.1	1.9	0.033	0.97	1.8
Lead	0.005	mg/L	0.015	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium		mg/L		12	8.4	2.6	9.4	14	8.6	7.2	4	11
Manganese		mg/L		0.04	ND	0.041	0.04	0.011	ND	0.047	0.063	0.079
Mercury	0.0002	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	0.005	mg/L		ND	ND	ND	ND	0.008	0.0051	ND	ND	0.005
Nitrate		mg/L as N	10	2.1	2.3	1.57	3.12	3.35	2.16	1.81	0.598	1.24
Nitrate+Nitrite		mg/L as N		2.15	2.35	1.62	3.17	3.4	2.21	1.82	0.648	1.29
Nitrite		mg/L as N		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ND	<0.05	<0.05
ORP		mV		400	387	587	425	411	NT	413	366	446
pH				6.26	5.87	5.52	5.72	5.25	NT	5.49	7.58	7.89
Potassium		mg/L		2.8	1.5	1.1	1.5	2.4	1.6	2.2	2.2	3.7
Selenium	0.005	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	0.005	mg/L		ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium		mg/L		16	4	5.1	6.3	17	8.9	32	3.8	3.6
Specific Conductance		uS/cm		227.6	126.5	58.9	161.4	289.3	NT	273.8	128.7	247.7
Sulfate		mg/L		8.43	17.6	ND	17.8	ND	<4	<4	7.07	14
TDS		mg/L		114	108	26	176	144	92	284	144	102
Thallium	0.005	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Turbidity		NTU		0	14.6	0	0	0	NT	0	6.4	13.4
Vanadium	0.005	mg/L		ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	0.005	mg/L		0.0056	0.013	0.014	0.0067	0.024	0.013	0.01	ND	0.0084

ND: Not Detected
NS: Not Sampled
NT: Not Tested

Table 4: Elements and Indicator Parameters - Seven Year Summary

Sample	Parameter	Units	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-01	Alkalinity	mg/L	32	26	NT	NT	NT	NT	NT	30	32	30	31	24	30	29	26	27	28
MW-01	Ammonia	mg/L as N	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-01	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-01	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-01	Barium	mg/L	0.0107	0.0119	0.0094	0.0148	0.0124	0.0112	0.0128	0.0116	0.0158	0.0145	0.0154	0.016	0.0153	0.0165	0.0158	0.0136	0.011
MW-01	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-01	Cadmium	mg/L	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	11.4	ND	ND	ND
MW-01	Chloride	mg/L	7.1184	7.54	NT	NT	NT	NT	8.53	8.73	9.13	9.83	9.12	10.4	9.49	ND	11.1	10.7	11.4
MW-01	Chromium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-01	Cobalt	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-01	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
MW-01	Copper	mg/L	0.0088	0.01	0.0065	0.0083	0.0109	0.0063	0.0065	0.0068	0.0098	ND	0.00759	ND	0.0076	0.00725	ND	ND	0.0044
MW-01	Hardness	mg/L	48	NT	NT	NT	NT	NT	ND	37	ND	40	38	40	36	40	44	50	56
MW-01	Iron	mg/L	0.3752	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0056
MW-01	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-01	Manganese	mg/L	0.0023	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-01	Mercury	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-01	Nickel	mg/L	ND	ND	ND	ND	ND	ND	ND	0.00534	ND								
MW-01	Nitrate	mg/L as N	2.9978	2.85	NT	NT	NT	NT	2.98	2.88	2.83	2.68	2.95	2.72	2.67	2.57	3	3.11	2.87
MW-01	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-01	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-01	Sulfate	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-01	TDS	mg/L	ND	100	NT	NT	NT	NT	36	132	ND	72	84	112	80	92	96	62	48
MW-01	Thallium	mg/L	84	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-01	Turbidity	NTU	0.16	NT	NT	NT	NT	NT	ND	0.468	NT	NT	NT	NT	0	0	0	0.37	0
MW-01	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-01	Zinc	mg/L	0.0043	0.0053	0.0058	0.007	0.0141	ND	0.006	ND	0.0221	0.00664	0.00969	0.00756	0.0125	0.00993	0.00776	ND	0.0051
MW-02	Alkalinity	mg/L	40	44	NT	NT	NT	NT	NT	35	32	34	41	41	34	35	30	39	31
MW-02	Ammonia	mg/L as N	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-02	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-02	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-02	Barium	mg/L	ND	0.016	0.0157	0.0128	0.0118	0.0097	0.0116	0.0079	0.0147	0.0118	0.0119	0.00905	0.014	0.0098	0.0142	0.0098	0.0095
MW-02	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-02	Cadmium	mg/L	ND	ND	0.0002	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	4.95	ND	ND	ND
MW-02	Chloride	mg/L	4.6979	19	NT	NT	NT	NT	5.25	5.3	5.65	5.18	4.75	3.86	4.89	ND	5.37	4.89	5.61
MW-02	Chromium	mg/L	ND	ND	ND	ND	0.0027	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0043
MW-02	Cobalt	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-02	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	6.8	ND	ND							
MW-02	Copper	mg/L	0.006	0.0144	0.0095	0.0087	0.0095	0.0075	0.0087	0.0087	0.009	0.00714	0.00937	0.00705	0.01	0.0052	0.00589	ND	0.011
MW-02	Hardness	mg/L	46	NT	NT	NT	NT	NT	ND	38	ND	41	42	46	42	42	44	50	54
MW-02	Iron	mg/L	ND	1.06	NT	NT	NT	NT	0.628	ND	ND	ND	0.445	ND	0.683	ND	ND	ND	1.3
MW-02	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.0012								
MW-02	Manganese	mg/L	ND	0.0252	NT	NT	NT	NT	0.0135	0.0098	0.00688	0.0107	0.0182	ND	0.0276	ND	0.00946	ND	0.023
MW-02	Mercury	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-02	Nickel	mg/L	ND	0.0038	0.0026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-02	Nitrate	mg/L as N	3.3482	3.58	NT	NT	NT	NT	3.17	2.81	2.88	3.04	3.15	3.46	3.2	3.1	2.88	3.36	2.91
MW-02	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-02	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-02	Sulfate	mg/L	ND	ND	NT	NT	NT	NT	6.87	ND	ND	ND	ND	ND	ND	ND	4.81	ND	4.65
MW-02	TDS	mg/L	ND	116	NT	NT	NT	NT	52	112	ND	92	92	132	80	86	66	118	78
MW-02	Thallium	mg/L	84	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-02	Turbidity	NTU	0.49	NT	NT	NT	NT	NT	ND	21.4	NT	NT	NT	NT	80.8	10.5	19.3	NT	74.7
MW-02	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-02	Zinc	mg/L	0.0105	0.0152	0.011	0.0101	0.0111	ND	0.0059	ND	0.011	0.00708	0.00951	0.0112	0.00943	0.00713	0.00746	0.00622	0.018

ND: Not Detected NS: Not Sampled NT: Not Tested

Table 4: Elements and Indicator Parameters - Seven Year Summary

Sample	Parameter	Units	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-03	Alkalinity	mg/L	16	14	NT	NT	NT	NT	NT	10	18	17	15	13	11	9	9.3	10.8	17
MW-03	Ammonia	mg/L as N	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-03	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-03	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-03	Barium	mg/L	0.0129	ND	0.0091	0.0168	0.0134	0.0114	0.0158	0.0133	0.0245	0.0187	0.0209	0.0176	0.02	0.0187	0.0202	0.0218	0.014
MW-03	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-03	Cadmium	mg/L	ND	ND	0.0001	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	41.6	ND	ND	ND
MW-03	Chloride	mg/L	21.9944	3.5	NT	NT	NT	NT	26.9	26.9	28.6	32.7	34.5	34.1	38.6	0.0123	47	45	49.1
MW-03	Chromium	mg/L	ND	ND	0.0024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00615	0.003
MW-03	Cobalt	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-03	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	8.3	ND	ND						
MW-03	Copper	mg/L	0.01	0.0086	0.0074	0.0109	0.0128	0.0087	0.0081	0.0097	0.0299	0.0213	0.021	0.00956	0.0162	0.0126	0.0118	0.00962	0.02
MW-03	Hardness	mg/L	36	NT	NT	NT	NT	NT	ND	42	50	56	54	56	60	68	68	70	70
MW-03	Iron	mg/L	0.5755	ND	NT	NT	NT	NT	0.583	ND	4.36	1.83	1.76	0.244	1.26	1.06	0.355	0.59	0.1
MW-03	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.0081	ND	ND						
MW-03	Manganese	mg/L	0.0182	ND	NT	NT	NT	NT	0.0155	0.0119	0.152	0.0605	0.0732	0.0155	0.0463	0.0204	0.0127	0.0303	0.0056
MW-03	Mercury	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-03	Nickel	mg/L	3.532	ND	0.0023	ND	0.003	0.0026	ND	ND	0.008	0.00513	0.0103	0.00742	0.00949	0.00805	0.00969	0.0125	0.013
MW-03	Nitrate	mg/L as N	0.0033	3.77	NT	NT	NT	NT	3.96	4.26	4.03	4.44	4.56	5.16	4.85	5.08	5	5.18	5.21
MW-03	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-03	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-03	Sulfate	mg/L	ND	ND	NT	NT	NT	NT	2.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-03	TDS	mg/L	ND	72	NT	NT	NT	NT	88	180	132	136	152	148	158	198	196	128	128
MW-03	Thallium	mg/L	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
MW-03	Turbidity	NTU	1.18	NT	NT	NT	NT	NT	ND	9.34	NT	NT	NT	NT	27.7	18.9	22.8	NT	5.9
MW-03	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-03	Zinc	mg/L	0.0166	0.006	0.0106	0.012	0.0147	ND	0.0071	0.00678	0.0395	0.0217	0.0224	0.0177	0.0219	0.0171	0.0193	0.0187	0.031
MW-04	Alkalinity	mg/L	28	14	NT	NT	NT	NT	NT	19	22	20	21	14	15	13.9	30	14.2	26
MW-04	Ammonia	mg/L as N	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-04	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-04	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-04	Barium	mg/L	0.0379	0.027	0.0329	0.0403	0.0492	0.0352	0.0389	0.034	0.0443	0.00862	0.0403	0.0424	0.0428	0.0403	0.0438	0.0455	0.038
MW-04	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-04	Cadmium	mg/L	ND	ND	0.0001	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	12.4	ND	ND	ND
MW-04	Chloride	mg/L	11.9003	10.86	NT	NT	NT	NT	11.8	12.2	12.4	12.7	11.5	12.1	11.1	ND	10.6	11.7	10.9
MW-04	Chromium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002
MW-04	Cobalt	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-04	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	12.4	ND	ND	ND	ND	ND	ND
MW-04	Copper	mg/L	0.0109	0.014	0.0189	0.0193	0.015	0.0124	0.0092	0.0097	0.0056	0.00501	0.00775	0.0071	0.0189	0.00907	0.0139	0.00762	0.0041
MW-04	Hardness	mg/L	68	ND	NT	NT	NT	NT	ND	48	58	68	46	60	54	94	62	80	80
MW-04	Iron	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	0.42	ND	0.343	ND	0.517	ND	0.66
MW-04	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-04	Manganese	mg/L	0.0128	0.006	NT	NT	NT	NT	0.0114	0.0075	0.0174	ND	0.0245	0.0108	0.0206	0.011	0.0215	0.0112	0.022
MW-04	Mercury	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-04	Nickel	mg/L	4.2066	0.0042	0.0059	0.0051	0.0076	0.0063	0.0058	0.0054	0.0064	ND	0.00781	0.00654	0.00631	0.00595	0.00584	0.00664	0.0069
MW-04	Nitrate	mg/L as N	0.0067	4.73	NT	NT	NT	NT	4.1291	3.95	3.35	3.32	3.98	4.22	3.6	3.26	3.1	3.84	3.6
MW-04	Selenium	mg/L	0.0024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
MW-04	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-04	Sulfate	mg/L	27.97	3.15	NT	NT	NT	NT	32.4	16.6	23.8	25.8	26.2	14.2	28.1	23.4	38.4	26.1	37.5
MW-04	TDS	mg/L	ND	76	NT	NT	NT	NT	88	140	128	124	112	100	116	106	146	76	76
MW-04	Thallium	mg/L	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
MW-04	Turbidity	NTU	0.14	NT	NT	NT	NT	NT	ND	2.52	NT	NT	NT	NT	15.8	1.3	21	NT	23
MW-04	Vanadium	mg/L	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-04	Zinc	mg/L	0.0278	0.018	0.039	0.026	0.031	0.0222	0.02	0.0162	0.0198	0.0241	0.0258	0.0245	0.0289	0.0233	0.0366	0.0215	0.019

ND: Not Detected NS: Not Sampled NT: Not Tested

Table 4: Elements and Indicator Parameters - Seven Year Summary

Sample	Parameter	Units	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-05	Alkalinity	mg/L	16	26	NT	NT	NT	NT	NT	21	20	21	24	28	21	23	21	29	25
MW-05	Ammonia	mg/L as N	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-05	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-05	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-05	Barium	mg/L	0.0198	0.028	0.0182	0.0251	0.0215	0.0196	0.0222	0.019	0.0231	0.0204	0.0223	0.0275	0.0188	0.0231	0.0191	0.0253	0.015
MW-05	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-05	Cadmium	mg/L	ND	ND	0.0001	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	4.8	ND	ND	ND
MW-05	Chloride	mg/L	6.4851	8.4	NT	NT	NT	6.35	5.65	5.58	4.87	4.95	6.47	4.62	ND	4.81	5.26	4.69	
MW-05	Chromium	mg/L	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002
MW-05	Cobalt	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-05	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	13.8	ND								
MW-05	Copper	mg/L	0.0207	0.0142	0.0123	0.0119	0.0122	0.0081	0.0069	0.008	0.007	ND	0.007	0.00548	0.00777	0.00733	0.00628	0.0108	0.0038
MW-05	Hardness	mg/L	34	NT	NT	NT	NT	NT	ND	36	37	38	50	36	46	44	56	60	
MW-05	Iron	mg/L	0.3363	ND	NT	NT	NT	NT	ND	ND	0.566	ND	0.386	0.642	0.225	0.313	ND	0.317	0.4
MW-05	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-05	Manganese	mg/L	0.0107	0.0117	NT	NT	NT	NT	0.0061	ND	0.0227	0.00542	0.0182	0.0306	0.0129	0.0153	0.00665	0.0193	0.0061
MW-05	Mercury	mg/L	ND	0.0003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-05	Nickel	mg/L	1.1437	0.003	ND	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-05	Nitrate	mg/L as N	0.0022	2.49	NT	NT	NT	NT	1.56	1.34	1.25	1.27	1.28	1.81	1.19	1.46	1.34	1.88	1.38
MW-05	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-05	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-05	Sulfate	mg/L	11.96	14.73	NT	NT	NT	NT	16.5	14.2	10.9	12.6	13.7	16.6	12	14.1	13.7	16.5	13
MW-05	TDS	mg/L	ND	96	NT	NT	NT	NT	40	104	72	76	92	52	72	88	74	64	
MW-05	Thallium	mg/L	64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
MW-05	Turbidity	NTU	1.94	NT	NT	NT	NT	NT	ND	2.46	NT	NT	NT	NT	4.5	0	0.9	NT	2.6
MW-05	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-05	Zinc	mg/L	0.0101	0.0167	0.0157	0.0101	0.0152	ND	0.0063	0.00652	0.0104	0.00783	0.00929	0.00883	0.00926	0.012	0.00731	0.00966	0.0094
MW-06	Alkalinity	mg/L	32	26	NT	NT	NT	NT	NT	45	42	57	57	44	59	50	48	48	58
MW-06	Ammonia	mg/L as N	ND	0.007	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-06	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-06	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-06	Barium	mg/L	0.0621	0.0458	0.0449	0.0551	0.0544	0.0564	0.0789	0.057	0.0735	0.0593	0.0616	0.0604	0.0631	0.0582	0.0615	0.0625	0.053
MW-06	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-06	Cadmium	mg/L	ND	ND	0.0001	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	14	ND	ND	ND
MW-06	Chloride	mg/L	13.6732	14.6	NT	NT	NT	NT	15.6	13.6	11	12.7	12.9	13.8	11.8	ND	10.1	14.5	11.6
MW-06	Chromium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-06	Cobalt	mg/L	0.0031	ND	ND	ND	ND	ND	0.0287	0.0052	ND								
MW-06	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	11.5	ND	ND	ND	ND	ND	ND
MW-06	Copper	mg/L	0.0145	0.016	0.0171	0.0172	0.0127	0.0099	0.0166	0.0108	0.0076	0.00706	0.0406	0.00894	0.0132	0.0111	0.0106	0.00903	0.0051
MW-06	Hardness	mg/L	78	NT	NT	NT	NT	NT	ND	86	116	106	90	116	98	118	96	130	
MW-06	Iron	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	0.2	ND	0.234	ND	
MW-06	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-06	Manganese	mg/L	0.3639	0.2	NT	NT	NT	NT	2.11	0.573	0.567	0.302	0.268	0.318	0.282	0.291	0.162	0.254	0.15
MW-06	Mercury	mg/L	0.0004	0.0009	0.0004	0.0004	ND	0.0004	0.0005	0.00057	0.00032	0.0004	0.00065	0.00088	0.00037	0.00077	0.00029	0.00069	0.00033
MW-06	Nickel	mg/L	0.0138	0.007	0.0072	0.0055	0.0056	0.0072	0.0323	0.0117	0.0153	0.0103	0.0122	0.0104	0.0114	0.00933	0.00897	0.00816	0.0081
MW-06	Nitrate	mg/L as N	3.7648	3.37	NT	NT	NT	NT	3.7844	3.95	4.01	4.05	4.11	3.64	4.49	3.59	4.68	3.75	4.36
MW-06	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-06	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-06	Sulfate	mg/L	38.37	17.52	NT	NT	NT	NT	50.5	30.6	47.3	32.5	36.8	27	41.9	29.8	47.2	29.2	41
MW-06	TDS	mg/L	ND	96	NT	NT	NT	NT	176	208	184	184	156	180	150	160	168	111	
MW-06	Thallium	mg/L	72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
MW-06	Turbidity	NTU	0.17	NT	NT	NT	NT	NT	ND	0.591	NT	NT	NT	NT	0	0	2.1	NT	0
MW-06	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-06	Zinc	mg/L	0.0416	0.0263	0.0385	0.0265	0.0258	0.0214	0.0489	0.0238	0.0293	0.0222	0.0298	0.025	0.0308	0.0267	0.0338	0.0217	0.022

Table 4: Elements and Indicator Parameters - Seven Year Summary

Sample	Parameter	Units	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-07	Alkalinity	mg/L	40	46	NT	NT	NT	NT	NT	46	40	39	41	48	36	42	38	43	37
MW-07	Ammonia	mg/L as N	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.2
MW-07	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-07	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-07	Barium	mg/L	0.0372	0.0144	0.0261	0.0111	0.0189	0.0092	0.0338	0.0147	0.0289	0.0221	0.0322	0.024	0.0241	0.0204	0.0332	0.0245	0.031
MW-07	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-07	Cadmium	mg/L	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	12.3	ND	ND	ND
MW-07	Chloride	mg/L	22.0888	10.1	NT	NT	NT	NT	23.4	11.1	21.1	14.7	23	13.5	19.1	ND	23.5	13.2	24.3
MW-07	Chromium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-07	Cobalt	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-07	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-07	Copper	mg/L	0.0101	0.0095	0.0093	0.0107	0.009	0.0055	0.0069	0.0074	ND	ND	ND	ND	0.0058	0.00543	0.00513	ND	0.0027
MW-07	Hardness	mg/L	54	NT	NT	NT	NT	NT	ND	44	ND	46	56	58	48	46	64	58	54
MW-07	Iron	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.089
MW-07	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-07	Manganese	mg/L	0.0162	0.0037	NT	NT	NT	NT	0.0151	ND	0.0105	0.00845	0.0154	0.00738	0.0107	0.00577	0.0135	0.00701	0.014
MW-07	Mercury	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-07	Nickel	mg/L	0.0059	0.0023	0.0034	ND	0.0027	0.0025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-07	Nitrate	mg/L as N	3.9286	3	NT	NT	NT	NT	1.3263	1.86	1.52	1.22	1.49	2.41	1.39	1.52	1.81	1.72	1.83
MW-07	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-07	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-07	Sulfate	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<4
MW-07	TDS	mg/L	ND	96	NT	NT	NT	NT	88	116	ND	84	152	152	108	98	94	86	79
MW-07	Thallium	mg/L	88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
MW-07	Turbidity	NTU	0.11	NT	NT	NT	NT	NT	ND	0.411	NT	NT	NT	NT	3.4	2.7	0.6	3.55	0
MW-07	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-07	Zinc	mg/L	0.0276	0.0085	0.0389	0.0073	0.0147	ND	0.016	0.00886	0.012	0.011	0.0132	0.00993	0.0117	0.0102	0.0183	0.0084	0.014
MW-08	Alkalinity	mg/L	30	38	NT	NT	NT	NT	NT	34	35	34	36	33	32	34	35	34	36
MW-08	Ammonia	mg/L as N	ND	0.007	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-08	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-08	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-08	Barium	mg/L	0.0381	0.02	0.0256	0.0377	0.034	0.0393	0.0356	0.0331	0.0356	0.0403	0.0351	0.0373	0.0361	0.0359	0.0382	0.0379	0.035
MW-08	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-08	Cadmium	mg/L	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	6.1	ND	ND	ND
MW-08	Chloride	mg/L	6.9971	3.4	NT	NT	NT	NT	8.26	5.95	7.28	6.95	7.51	5.05	6.89	ND	6.53	5.86	6.7
MW-08	Chromium	mg/L	0.0026	0.0021	ND	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-08	Cobalt	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-08	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-08	Copper	mg/L	0.0132	0.0091	0.0408	0.0102	0.0109	0.0087	0.0068	0.0089	0.0058	0.00639	0.00697	0.0052	0.0168	0.00877	0.00927	ND	0.003
MW-08	Hardness	mg/L	38	NT	NT	NT	NT	NT	ND	30	ND	37	38	36	36	46	56	38	46
MW-08	Iron	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.049
MW-08	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-08	Manganese	mg/L	0.0195	0.0025	NT	NT	NT	NT	0.0136	0.0127	0.0137	0.018	0.0136	0.0134	0.0134	0.0106	0.0155	0.00961	0.013
MW-08	Mercury	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-08	Nickel	mg/L	0.0111	0.0033	0.0069	0.0079	0.0079	0.0112	0.0083	0.008	0.0077	0.0109	0.00922	0.0092	0.00832	0.00803	0.00812	0.00714	0.009
MW-08	Nitrate	mg/L as N	1.1657	1.28	NT	NT	NT	NT	1.1046	1.21	1.12	1.36	1.22	1.3	1.19	1.19	1.34	1.32	1.54
MW-08	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-08	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-08	Sulfate	mg/L	ND	1.17	NT	NT	NT	NT	3.48	ND	ND	ND	ND	ND	ND	ND	4.01	ND	4.4
MW-08	TDS	mg/L	ND	88	NT	NT	NT	NT	40	100	ND	80	88	116	92	76	62	112	51
MW-08	Thallium	mg/L	56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
MW-08	Turbidity	NTU	0.98	NT	NT	NT	NT	NT	ND	1.36	NT	NT	NT	NT	0.6	0	0.6	1.14	0.6
MW-08	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-08	Zinc	mg/L	0.0315	0.0092	0.0231	0.0196	0.0218	0.021	0.0162	0.0164	0.0161	0.0221	0.0178	0.0166	0.0254	0.0186	0.025	0.0156	0.016

ND: Not Detected NS: Not Sampled NT: Not Tested

Table 4: Elements and Indicator Parameters - Seven Year Summary

Sample	Parameter	Units	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-09	Alkalinity	mg/L	54	40	NT	NT	NT	NT	NT	44	55	49	49	61	61	47	64	77	NS
MW-09	Ammonia	mg/L as N	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
MW-09	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
MW-09	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS							
MW-09	Barium	mg/L	0.0299	0.0161	0.017	0.0293	0.0219	0.0193	0.0245	0.0129	0.0212	0.0205	0.0252	0.023	0.0224	0.0184	0.0242	0.0264	NS
MW-09	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS							
MW-09	Cadmium	mg/L	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	4.35	ND	ND	NS
MW-09	Chloride	mg/L	6.4955	7.08	NT	NT	NT	NT	7.69	3.93	4.97	3.88	7.27	6.65	4.4	ND	ND	3.53	NS
MW-09	Chromium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS							
MW-09	Cobalt	mg/L	ND	0.0058	ND	ND	ND	0.0058	ND	ND	ND	ND	0.00683	ND	ND	ND	0.0179	ND	NS
MW-09	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	9.2	ND	ND	ND	ND	ND	11.9	NT	NS
MW-09	Copper	mg/L	0.0268	0.0095	0.0072	0.0083	0.0091	0.0108	0.0061	0.0089	0.0104	0.00727	0.00732	0.00726	0.022	ND	0.0129	0.00902	NS
MW-09	Hardness	mg/L	62	NT	NT	NT	NT	NT	ND	38	ND	52	50	60	66	46	82	74	NS
MW-09	Iron	mg/L	0.4527	0.36	NT	NT	NT	NT	ND	ND	0.64	ND	0.527	2.78	1.32	0.836	0.758	2.65	NS
MW-09	Lead	mg/L	ND	ND	ND	ND	ND	0.0028	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
MW-09	Manganese	mg/L	0.0108	0.0383	NT	NT	NT	NT	0.0784	0.0892	0.154	0.0369	0.155	0.436	0.223	0.13	0.216	0.372	NS
MW-09	Mercury	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS							
MW-09	Nickel	mg/L	0.0053	0.0051	0.0021	0.0027	0.0026	0.0068	ND	ND	0.0054	ND	0.00675	ND	ND	ND	ND	ND	NS
MW-09	Nitrate	mg/L as N	0.247	0.53	NT	NT	NT	NT	0.345	1.16	0.351	1.03	0.415	0.604	0.312	0.964	ND	0.48	NS
MW-09	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS							
MW-09	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS							
MW-09	Sulfate	mg/L	13.84	5.07	NT	NT	NT	NT	8.27	ND	7.7	4.85	5.58	ND	5.47	ND	7.64	ND	NS
MW-09	TDS	mg/L	ND	112	NT	NT	NT	NT	64	96	ND	92	108	132	104	86	62	84	NS
MW-09	Thallium	mg/L	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS						
MW-09	Turbidity	NTU	1.3	NT	NT	NT	NT	NT	ND	10.7	NT	NT	NT	NT	36.7	17.9	0	31.8	NS
MW-09	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS							
MW-09	Zinc	mg/L	0.0139	0.0088	0.0094	0.0076	0.0103	0.0132	0.0056	0.00614	0.0106	0.00751	0.0101	0.013	0.00927	ND	0.0111	0.00973	NS

MW-10	Alkalinity	mg/L	22	24	NT	NT	NT	NT	NT	26	23	31	25	22	21	22	20	23	20
MW-10	Ammonia	mg/L as N	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-10	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-10	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-10	Barium	mg/L	ND	ND	0.0034	0.0034	0.0055	0.0061	ND	0.0054	0.0083	0.00901	0.00808	0.00745	0.0088	0.00832	0.00851	0.00894	ND
MW-10	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-10	Cadmium	mg/L	ND	ND	0.0002	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	4.3	ND	ND	ND
MW-10	Chloride	mg/L	4.7916	3.9	NT	NT	NT	NT	4.95	3.98	4.83	3.99	4.96	4.33	4.65	ND	4.95	4.82	5
MW-10	Chromium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-10	Cobalt	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-10	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-10	Copper	mg/L	0.0072	0.0133	0.0074	0.0092	0.0136	0.008	0.0066	0.0074	0.0053	0.00515	ND	ND	0.0103	0.00501	ND	ND	0.0028
MW-10	Hardness	mg/L	22	NT	NT	NT	NT	NT	ND	20	ND	29	26	20	18	20	40	26	30
MW-10	Iron	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.017
MW-10	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-10	Manganese	mg/L	ND	0.0029	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-10	Mercury	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-10	Nickel	mg/L	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-10	Nitrate	mg/L as N	0.9843	1.18	NT	NT	NT	NT	1.0968	1	1.02	0.911	1.06	0.99	1.02	0.908	1.1	1.05	1.07
MW-10	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-10	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-10	Sulfate	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-10	TDS	mg/L	ND	100	NT	NT	NT	NT	24	48	ND	68	80	100	32	50	87	52	23
MW-10	Thallium	mg/L	52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
MW-10	Turbidity	NTU	0.42	NT	NT	NT	NT	NT	ND	2.06	NT	NT	NT	NT	0.9	0	0.3	2.06	0
MW-10	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-10	Zinc	mg/L	0.0047	0.0105	0.0074	0.0074	0.0092	ND	ND	0.00629	0.00725	0.0241	0.00568	0.0056	0.0085	ND	0.00645	ND	ND

Table 4: Elements and Indicator Parameters - Seven Year Summary

Sample	Parameter	Units	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-11	Alkalinity	mg/L	36	24	NT	NT	NT	NT	NT	14	21	19	22	14	16	16.7	32	20	23
MW-11	Ammonia	mg/L as N	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-11	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-11	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-11	Barium	mg/L	0.0207	0.0251	0.0252	0.0223	0.0201	0.0491	0.0279	0.0456	0.0448	0.0371	0.039	0.0468	0.0416	0.0193	0.0326	0.0195	0.02
MW-11	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-11	Cadmium	mg/L	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	5.03	ND	ND	ND
MW-11	Chloride	mg/L	5.1155	3.37	NT	NT	NT	NT	5.5	8.53	9.02	5.46	7.71	8.09	8.34	ND	6.23	5.51	6.25
MW-11	Chromium	mg/L	ND	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00641	ND	ND	ND	ND	0.0021
MW-11	Cobalt	mg/L	ND	ND	ND	ND	0.00609	ND	ND	ND	ND	ND							
MW-11	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	10	ND	ND	NT	ND
MW-11	Copper	mg/L	0.0094	0.0156	0.0072	0.0099	0.0113	0.018	0.0101	0.0163	0.0328	0.0227	0.0156	0.0358	0.0262	0.00993	0.011	ND	0.0062
MW-11	Hardness	mg/L	48	NT	NT	NT	NT	NT	ND	29	ND	27	34	34	36	20	62	32	42
MW-11	Iron	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	1.1	4.01	1.76	3.38	2.06	0.412	0.836	ND	0.88
MW-11	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-11	Manganese	mg/L	0.0067	0.005	NT	NT	NT	NT	0.0121	0.0315	0.0608	0.142	0.0888	0.166	0.0986	0.0226	0.0355	0.0121	0.032
MW-11	Mercury	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-11	Nickel	mg/L	0.0036	0.0037	0.0047	0.0047	0.0038	0.0111	ND	0.0102	0.0096	0.00994	0.00913	0.0143	0.00932	ND	0.00527	ND	ND
MW-11	Nitrate	mg/L as N	3.3365	2	NT	NT	NT	NT	3.2575	5.05	4.68	3.5	3.7	3.8	3.57	2.97	3.02	2.88	3.15
MW-11	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-11	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-11	Sulfate	mg/L	ND	ND	NT	NT	NT	NT	5.76	ND	4.55	ND	<4						
MW-11	TDS	mg/L	ND	72	NT	NT	NT	NT	36	116	ND	68	84	88	88	68	66	40	31
MW-11	Thallium	mg/L	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
MW-11	Turbidity	NTU	0.84	NT	NT	NT	NT	NT	ND	4.09	NT	NT	NT	NT	75.6	43.6	61.1	17	38.5
MW-11	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-11	Zinc	mg/L	0.0143	0.0175	0.0166	0.0188	0.0218	0.0379	0.0156	0.0404	0.0488	0.0364	0.0304	0.0504	0.037	0.0181	0.0225	0.0126	0.016
MW-12	Alkalinity	mg/L	36	36	NT	NT	NT	NT	NT	34	39	39	37	29	32	31	31	35	33
MW-12	Ammonia	mg/L as N	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-12	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-12	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-12	Barium	mg/L	ND	ND	0.007	0.0134	ND	0.0056	0.0063	0.0054	0.01	0.0102	0.00901	0.00827	0.00893	0.00798	0.0086	0.00912	ND
MW-12	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-12	Cadmium	mg/L	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-12	Chloride	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<2.5
MW-12	Chromium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-12	Cobalt	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-12	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	6.3	ND	ND							
MW-12	Copper	mg/L	0.0089	0.01	0.0056	0.0076	0.0092	0.0067	0.0054	0.0072	ND	ND	0.00503	ND	ND	ND	0.0111	0.009	0.002
MW-12	Hardness	mg/L	36	NT	NT	NT	NT	NT	ND	16	ND	31	26	22	28	20	46	28	36
MW-12	Iron	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.026
MW-12	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-12	Manganese	mg/L	0.0031	0.0031	NT	NT	NT	NT	ND	ND	0.00612	0.0053	ND	ND	ND	0.00517	ND	ND	ND
MW-12	Mercury	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-12	Nickel	mg/L	ND	ND	ND	ND	ND	0.0022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-12	Nitrate	mg/L as N	0.2666	0.3	NT	NT	NT	NT	0.226	0.234	0.246	0.202	0.246	0.217	0.226	0.241	0.248	0.239	0.229
MW-12	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-12	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-12	Sulfate	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	6.14	4.91	ND	5.91	ND	6.14	ND	5.23
MW-12	TDS	mg/L	ND	68	NT	NT	NT	NT	28	64	ND	80	72	112	64	72	88	44	49
MW-12	Thallium	mg/L	56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
MW-12	Turbidity	NTU	0.3	NT	NT	NT	NT	NT	ND	1.46	NT	NT	NT	NT	0	0	0	2.29	0.8
MW-12	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-12	Zinc	mg/L	0.0046	0.0082	0.0104	0.0067	ND	ND	ND	0.00795	0.00596	0.0147	0.00562	0.00547	0.00652	0.00665	0.00803	0.00688	ND

Table 4: Elements and Indicator Parameters - Seven Year Summary

Sample	Parameter	Units	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-13	Alkalinity	mg/L	26	24	NT	NT	NS	NS	NT	36	27	29	23	19	20	20	20	21	22
MW-13	Ammonia	mg/L as N	ND	0.02	NT	NT	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-13	Antimony	mg/L	ND	ND	NT	NT	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-13	Arsenic	mg/L	ND	ND	ND	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-13	Barium	mg/L	0.013	0.0128	0.0125	0.0339	NS	NS	0.0158	0.0213	0.0181	0.0196	0.014	0.0138	0.0147	0.013	0.0134	0.0145	0.0082
MW-13	Beryllium	mg/L	ND	ND	ND	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-13	Cadmium	mg/L	ND	ND	ND	NT	NS	NS	ND	ND	ND	ND	ND	ND	ND	5.13	ND	ND	ND
MW-13	Chloride	mg/L	11.5809	11.28	NT	NT	NS	NS	12.6	22.9	12	13.8	6.37	6.05	6.98	ND	6.28	5.25	6.5
MW-13	Chromium	mg/L	0.0025	ND	ND	0.2412	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0024
MW-13	Cobalt	mg/L	ND	ND	ND	ND	NS	NS	0.0055	ND	ND								
MW-13	COD	mg/L	ND	ND	NT	NT	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-13	Copper	mg/L	0.0115	0.01	0.0067	0.1127	NS	NS	0.0097	0.0103	0.0053	ND	0.00584	ND	ND	0.0067	ND	0.00563	0.0054
MW-13	Hardness	mg/L	36	NT	NT	NT	NS	NS	ND	52		37	24	26	26	28	26	24	34
MW-13	Iron	mg/L	ND	ND	NT	NT	NS	NS	2.61	0.976	ND	ND	0.612	ND	ND	0.788	0.465	ND	0.65
MW-13	Lead	mg/L	ND	ND	ND	0.0041	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-13	Manganese	mg/L	0.0204	0.013	NT	NT	NS	NS	0.371	0.113	0.0172	0.0273	0.0167	0.00958	0.00771	0.0134	0.0101	0.0439	0.01
MW-13	Mercury	mg/L	ND	ND	ND	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-13	Nickel	mg/L	0.0073	0.005	0.0068	0.0095	NS	NS	0.006	0.0096	0.0064	0.00766	ND	ND	ND	ND	ND	ND	ND
MW-13	Nitrate	mg/L as N	1.2269	1.38	NT	NT	NS	NS	0.6235	0.873	1.11	1.07	1.16	1.15	1.16	1.16	1.2	1.19	1.16
MW-13	Selenium	mg/L	ND	ND	ND	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-13	Silver	mg/L	ND	ND	ND	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-13	Sulfate	mg/L	ND	ND	NT	NT	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<4
MW-13	TDS	mg/L	ND	76	NT	NT	NS	NS	68	160		88	76	84	60	66	66	62	132
MW-13	Thallium	mg/L	60	ND	ND	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-13	Turbidity	NTU	0.15	NT	NT	NT	NS	NS	ND	1.45	NT	NT	NT	NT	6	8.7	6.4	7.29	9.4
MW-13	Vanadium	mg/L	ND	ND	ND	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-13	Zinc	mg/L	0.0201	0.0081	0.0091	0.0897	NS	NS	0.0134	0.018	0.00959	0.00894	0.00995	0.00552	0.00679	0.00936	0.00895	0.0106	0.0065
MW-14	Alkalinity	mg/L	184	96	NT	NT	NT	NT	NT	172	195	191	181	145	187	156	189	162	184
MW-14	Ammonia	mg/L as N	ND	0.01	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-14	Antimony	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-14	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-14	Barium	mg/L	0.0372	0.0295	0.0349	0.0377	0.0388	0.0346	0.041	0.0373	0.0448	0.0421	0.0371	0.0415	0.0388	0.0445	0.0393	0.0425	0.033
MW-14	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-14	Cadmium	mg/L	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	6.01	ND	ND	ND
MW-14	Chloride	mg/L	10.1946	7.95	NT	NT	NT	NT	8.95	7.5	7.64	6.57	6.71	7.02	6.51	ND	5.77	6.72	6.41
MW-14	Chromium	mg/L	0.0022	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0035						
MW-14	Cobalt	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00741	ND	ND	ND	ND	ND
MW-14	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	8	ND	ND							
MW-14	Copper	mg/L	0.0074	0.0088	0.0047	0.0055	0.0067	0.0069	0.0062	0.0081	0.0119	0.00581	0.00646	0.0149	0.00538	0.0114	0.00678	0.00768	0.0084
MW-14	Hardness	mg/L	218	NT	NT	NT	NT	NT	ND	188		215	206	170	218	156	222	186	222
MW-14	Iron	mg/L	0.7712	0.3487	NT	NT	NT	NT	0.914	1.09	2.18	0.753	0.547	4.5	0.686	3.98	0.4	0.883	0.84
MW-14	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00646	ND	0.00544	ND	ND	ND
MW-14	Manganese	mg/L	0.0144	0.0068	NT	NT	NT	NT	0.0154	0.0232	0.0532	0.0152	0.013	0.164	0.0158	0.132	0.00799	0.0386	0.014
MW-14	Mercury	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-14	Nickel	mg/L	0.0028	0.0027	0.0023	ND	0.0023	0.0033	ND	ND	ND	ND	ND	0.00694	ND	0.00679	ND	ND	ND
MW-14	Nitrate	mg/L as N	2.5713	3.04	NT	NT	NT	NT	2.4468	2.67	2.97	2.51	2.68	2.75	2.94	2.54	3.56	3.11	3.8
MW-14	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-14	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-14	Sulfate	mg/L	33	15.5	NT	NT	NT	NT	31.2	23.1	27.8	25.1	20.9	15.6	21.1	17.1	26.5	15.8	22.2
MW-14	TDS	mg/L	ND	172	NT	NT	NT	NT	240	284		276	232	232	248	258	238	218	328
MW-14	Thallium	mg/L	272	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
MW-14	Turbidity	NTU	4.49	NT	NT	NT	NT	NT	ND	25.1	NT	NT	NT	NT	10.5	90	3.5	15.4	7.5
MW-14	Vanadium	mg/L	ND	ND	ND	ND	ND	0.0021	ND	ND	ND	ND	ND	0.00691	ND	0.00685	ND	ND	ND
MW-14	Zinc	mg/L	0.007	0.006	0.0057	0.0043	ND	ND	ND	0.00807	0.00994	0.00644	0.00712	0.0154	0.00636	0.0125	0.00656	0.00702	0.0058

ND: Not Detected NS: Not Sampled NT: Not Tested

Table 4: Elements and Indicator Parameters - Seven Year Summary

Sample	Parameter	Units	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-15	Alkalinity	mg/L	28	29	NT	NT	NT	NT	NT	25	24	24	27	26	24	30	23	29	25
MW-15	Ammonia	mg/L as N	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-15	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-15	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-15	Barium	mg/L	0.0806	0.0501	0.105	0.1222	0.1108	0.105	0.118	0.097	0.118	0.123	0.109	0.0847	0.113	0.0984	0.11	0.106	0.1
MW-15	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-15	Cadmium	mg/L	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	15	ND	ND	ND
MW-15	Chloride	mg/L	15.5636	7.84	NT	NT	NT	NT	20	17.7	21.3	22	20.2	13.9	21.3	ND	19	16.1	18.2
MW-15	Chromium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002
MW-15	Cobalt	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-15	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-15	Copper	mg/L	0.0134	0.0176	0.0104	0.0122	0.0187	0.0069	0.0089	0.0091	ND	0.00598	ND	ND	0.0096	0.00872	0.00769	ND	0.0034
MW-15	Hardness	mg/L	36	NT	NT	NT	NT	NT	ND	42	ND	47	48	44	48	48	50	56	66
MW-15	Iron	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.021
MW-15	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-15	Manganese	mg/L	0.0143	0.0023	NT	NT	NT	NT	0.0202	0.0072	0.0177	0.0174	0.0186	0.00539	0.0142	0.00576	0.0158	0.0112	0.012
MW-15	Mercury	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-15	Nickel	mg/L	0.0034	0.0024	0.0028	0.003	0.0033	0.0044	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-15	Nitrate	mg/L as N	1.4799	5.03	NT	NT	NT	NT	2.5191	2.9	2.57	2.54	2.31	3.2	2.23	2.87	2.18	3.03	2.13
MW-15	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-15	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-15	Sulfate	mg/L	ND	2.11	NT	NT	NT	NT	6.37	4.4	6.29	6.92	8.57	5.91	8.78	6.56	11.6	9.68	13.9
MW-15	TDS	mg/L	ND	80	NT	NT	NT	NT	80	148	ND	112	104	100	110	134	98	106	158
MW-15	Thallium	mg/L	80	ND	ND	ND	ND	ND	ND	ND	ND								
MW-15	Turbidity	NTU	0.15	NT	NT	NT	NT	NT	ND	1.26	NT	NT	NT	NT	0	0	0	0.61	0
MW-15	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-15	Zinc	mg/L	0.0227	0.011	0.02	0.0216	0.0296	0.0168	0.0212	0.0158	0.0187	0.0224	0.0189	0.0146	0.02	0.0186	0.0216	0.0129	0.019
MW-16	Alkalinity	mg/L	46	18	NT	NT	NT	NT	NT	29	60	44	54	24	57	25	66	30	67
MW-16	Ammonia	mg/L as N	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-16	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-16	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-16	Barium	mg/L	0.0415	0.0237	0.0388	0.0363	0.048	0.034	0.0379	0.0309	0.0412	0.0385	0.0399	0.0331	0.0411	0.0337	0.036	0.0394	0.028
MW-16	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-16	Cadmium	mg/L	ND	ND	0.0001	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	19.5	ND	ND	ND
MW-16	Chloride	mg/L	9.3208	11.7	NT	NT	NT	NT	11.1	15.2	9.31	12.6	13.6	20.6	12.5	ND	11.3	23.6	13.7
MW-16	Chromium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-16	Cobalt	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-16	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	6.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-16	Copper	mg/L	0.0226	0.0131	0.0121	0.0119	0.0294	0.0061	0.0071	0.008	ND	0.00777	0.012	0.0075	0.00914	0.00757	0.00818	0.0053	0.0026
MW-16	Hardness	mg/L	98	NT	NT	NT	NT	NT	ND	66	ND	90	94	74	108	70	160	84	130
MW-16	Iron	mg/L	0.4482	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-16	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-16	Manganese	mg/L	0.1851	0.0285	NT	NT	NT	NT	0.0914	0.0391	0.0828	0.0547	0.0946	0.0382	0.0388	0.0302	0.035	0.0222	0.039
MW-16	Mercury	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-16	Nickel	mg/L	0.0171	0.0052	0.0118	0.0066	0.0153	0.0094	0.0111	0.0068	0.0107	0.00868	0.0113	0.00811	0.00737	0.00725	0.0074	0.0071	0.0096
MW-16	Nitrate	mg/L as N	3.2434	6.09	NT	NT	NT	NT	3.422	4.76	2.75	3.84	3.92	5.7	3.34	5.14	2.78	5.08	3.11
MW-16	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-16	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-16	Sulfate	mg/L	44.33	6.6	NT	NT	NT	NT	34.8	16.8	36.8	28.2	28.2	9.72	30.1	12.6	33.8	15.4	28.3
MW-16	TDS	mg/L	ND	84	NT	NT	NT	NT	140	172	ND	160	128	136	146	114	166	188	2
MW-16	Thallium	mg/L	152	ND	ND	ND	ND	ND	ND	ND	ND								
MW-16	Turbidity	NTU	0.11	NT	NT	NT	NT	NT	ND	0.188	NT	NT	NT	NT	0.1	0	0.7	NT	0
MW-16	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-16	Zinc	mg/L	0.0445	0.0268	0.0424	0.0257	0.0697	0.0232	0.0222	0.0179	0.0258	0.0254	0.0305	0.0218	0.0277	0.0244	0.0231	0.0262	0.021

Table 4: Elements and Indicator Parameters - Seven Year Summary

Sample	Parameter	Units	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-17	Alkalinity	mg/L	12	16	NT	NT	NT	NT	NT	12	11	11	11	19	6	6.4	6	6.9	6.1
MW-17	Ammonia	mg/L as N	ND	0.004	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-17	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-17	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-17	Barium	mg/L	0.0343	0.0362	0.0265	0.0408	0.0358	0.0362	0.0349	0.036	0.0364	0.0375	0.0383	0.0425	0.0387	0.0414	0.0335	0.0432	0.026
MW-17	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-17	Cadmium	mg/L	ND	ND	0.0002	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	6.14	ND	ND	ND
MW-17	Chloride	mg/L	5.9706	4.9	NT	NT	NT	NT	5.85	5.47	5.74	5.57	5.9	6.23	5.73	ND	5.42	6.7	6.06
MW-17	Chromium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-17	Cobalt	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-17	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-17	Copper	mg/L	0.0208	0.0199	0.0189	0.0179	0.0187	0.0104	0.0121	0.0122	0.0082	0.00823	0.013	0.013	0.0138	0.0104	0.00843	0.00978	0.0079
MW-17	Hardness	mg/L	32	NT	NT	NT	NT	NT	ND	21	23	24	26	36	30	24	28	42	
MW-17	Iron	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-17	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-17	Manganese	mg/L	0.0197	0.0155	NT	NT	NT	NT	0.0141	0.0137	0.0145	0.0134	0.0154	0.017	0.0143	0.0149	0.0117	0.0129	0.011
MW-17	Mercury	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-17	Nickel	mg/L	0.0084	0.0055	0.0071	0.0057	0.0075	0.0069	0.0063	0.0058	0.0063	0.00568	0.00689	0.00751	0.00656	0.00619	0.00535	0.00621	0.0067
MW-17	Nitrate	mg/L as N	4.2763	5	NT	NT	NT	NT	4.3125	5.02	4.43	4.73	4.91	5.35	4.6	4.98	4.05	5.08	4.13
MW-17	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-17	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-17	Sulfate	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<4
MW-17	TDS	mg/L	ND	84	NT	NT	NT	NT	28	96	56	80	64	50	72	48	94	52	
MW-17	Thallium	mg/L	44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
MW-17	Turbidity	NTU	0.07	NT	NT	NT	NT	NT	ND	0.193	NT	NT	NT	NT	0	0	0	NT	0
MW-17	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-17	Zinc	mg/L	0.0423	0.0346	0.0399	0.0278	0.0428	0.0222	0.0265	0.024	0.0299	0.0276	0.0296	0.0305	0.0335	0.029	0.0262	0.0301	0.025
MW-18A	Alkalinity	mg/L	14	14	NT	NT	NT	NT	NT	10	12	9	9	6	3.8	4.5	3.5	4	3.9
MW-18A	Ammonia	mg/L as N	ND	0.002	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-18A	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-18A	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-18A	Barium	mg/L	0.0156	0.0219	0.0161	0.0224	0.0222	0.0184	0.0226	0.0194	0.0251	0.0229	0.0257	0.029	0.0257	0.024	0.025	0.0262	0.019
MW-18A	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-18A	Cadmium	mg/L	ND	ND	0.0002	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	3.12	ND	ND	ND
MW-18A	Chloride	mg/L	ND	3.9	NT	NT	NT	NT	3.87	2.73	3.56	3.06	3.94	5.52	3.14	ND	3.72	3.68	4.02
MW-18A	Chromium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-18A	Cobalt	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-18A	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-18A	Copper	mg/L	0.0153	0.0147	0.0163	0.0123	0.0106	0.0072	0.0072	0.0088	0.0065	ND	0.0086	0.00814	0.00559	0.00675	0.00548	ND	0.003
MW-18A	Hardness	mg/L	36	NT	NT	NT	NT	NT	ND	10	12	14	12	12	16	ND	14	24	
MW-18A	Iron	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-18A	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-18A	Manganese	mg/L	0.0068	0.0109	NT	NT	NT	NT	0.0113	0.0091	0.0122	0.00944	0.013	0.0131	0.0122	0.011	0.012	0.0119	0.01
MW-18A	Mercury	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-18A	Nickel	mg/L	0.0035	0.0043	0.0038	0.0032	0.0041	0.0043	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-18A	Nitrate	mg/L as N	2.4345	3.26	NT	NT	NT	NT	2.5203	2.61	2.7	2.57	2.63	2.9	2.54	2.43	2.57	2.53	2.44
MW-18A	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-18A	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-18A	Sulfate	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-18A	TDS	mg/L	ND	96	NT	NT	NT	NT	4	60	44	40	40	14	42	18	48	54	
MW-18A	Thallium	mg/L	36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
MW-18A	Turbidity	NTU	0.15	NT	NT	NT	NT	NT	ND	0.464	NT	NT	NT	NT	0	0	0	NT	0
MW-18A	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-18A	Zinc	mg/L	0.0142	0.0144	0.0143	0.0086	0.0129	ND	0.0071	0.00741	0.0118	0.00833	0.0121	0.0144	0.00989	0.00965	0.00957	0.0107	0.0086

Table 4: Elements and Indicator Parameters - Seven Year Summary

Sample	Parameter	Units	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-19	Alkalinity	mg/L	10	14	NT	NT	NT	NT	NT	7	12	10	12	7	4.6	4.9	5.1	2.8	5.4
MW-19	Ammonia	mg/L as N	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-19	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-19	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-19	Barium	mg/L	0.0609	0.0339	0.0358	0.0443	0.0528	0.0481	0.0553	0.0444	0.0519	0.0481	0.053	0.0422	0.0442	0.0475	0.051	0.0496	0.048
MW-19	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-19	Cadmium	mg/L	ND	ND	0.0001	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	11.8	ND	ND	ND
MW-19	Chloride	mg/L	6.2098	7.5	NT	NT	NT	NT	8.11	9.04	8.66	9.34	9.29	11.6	10.5	ND	11.2	13.5	12.4
MW-19	Chromium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-19	Cobalt	mg/L	0.0064	ND	0.0026	ND	0.0042	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-19	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	5.2	ND	ND	ND	ND	ND	ND	ND	NT	ND
MW-19	Copper	mg/L	0.0112	0.0166	0.0119	0.0143	0.0156	0.0081	0.0119	0.0303	0.00513	0.0056	0.00867	ND	0.00918	0.00679	0.013	ND	0.0033
MW-19	Hardness	mg/L	30	NT	NT	NT	NT	NT	ND	19	ND	26	22	20	20	26	34	34	40
MW-19	Iron	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.013
MW-19	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-19	Manganese	mg/L	0.049	0.0073	NT	NT	NT	NT	0.0336	0.021	0.0266	0.0197	0.0262	0.00977	0.0248	0.0126	0.0254	0.0114	0.023
MW-19	Mercury	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-19	Nickel	mg/L	0.0046	0.0035	0.0038	0.0032	0.0041	0.0034	ND	ND	ND	ND	ND	ND	0.00519	ND	ND	ND	ND
MW-19	Nitrate	mg/L as N	3.4831	2.8	NT	NT	NT	NT	3.2	3.11	2.83	3.16	3.05	3.22	3.06	3.04	3.04	3.19	2.81
MW-19	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-19	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-19	Sulfate	mg/L	ND	ND	NT	NT	NT	NT	2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	<4
MW-19	TDS	mg/L	ND	156	NT	NT	NT	NT	32	80	ND	68	60	80	60	60	95	46	40
MW-19	Thallium	mg/L	44	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-19	Turbidity	NTU	0.09	NT	NT	NT	NT	NT	ND	0.339	NT	NT	NT	NT	0	0	0	0.34	0
MW-19	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND								
MW-19	Zinc	mg/L	0.0195	0.0196	0.0164	0.0156	0.0223	0.012	0.0168	0.046	0.0231	0.0156	0.0214	0.0149	0.0205	0.0172	0.0194	0.0148	0.016

MW-20	Alkalinity	mg/L	20	26	NT	NT	NT	NT	NT	28	28	27	30	27	29	29	32	31	32
MW-20	Ammonia	mg/L as N	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-20	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-20	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND									
MW-20	Barium	mg/L	0.0241	0.0125	0.0205	0.0244	0.0216	0.0225	0.0238	0.0221	0.0246	0.023	0.0246	0.0255	0.0264	0.0272	0.0291	0.0295	0.023
MW-20	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND									
MW-20	Cadmium	mg/L	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	3.44	ND	ND	ND
MW-20	Chloride	mg/L	2.6066	4.5	NT	NT	NT	NT	3.16	3	3.17	ND	3.13	3.32	3.28	ND	3.52	4.03	3.82
MW-20	Chromium	mg/L	0.0027	ND	0.0022	ND	0.0022	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-20	Cobalt	mg/L	ND	ND	ND	ND	ND	ND	ND	ND									
MW-20	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
MW-20	Copper	mg/L	0.0127	0.0108	0.014	0.0097	0.0108	0.0095	0.0068	0.0102	0.0057	0.00604	0.00559	ND	0.00534	0.00668	0.00927	ND	0.0095
MW-20	Hardness	mg/L	26	NT	NT	NT	NT	NT	ND	26	ND	31	28	30	30	30	42	36	44
MW-20	Iron	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.047
MW-20	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND									
MW-20	Manganese	mg/L	0.0046	0.0045	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-20	Mercury	mg/L	ND	ND	ND	ND	ND	ND	ND	ND									
MW-20	Nickel	mg/L	0.0038	0.003	0.0035	0.0028	0.0028	0.0045	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00633	ND
MW-20	Nitrate	mg/L as N	2.2341	3.4	NT	NT	NT	NT	1.905	2.01	1.84	1.98	2.08	2.13	2.1	2.11	2.25	2.31	2.33
MW-20	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND									
MW-20	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND									
MW-20	Sulfate	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-20	TDS	mg/L	ND	80	NT	NT	NT	NT	52	76	ND	60	68	88	48	78	46	44	41
MW-20	Thallium	mg/L	36	ND	ND	ND	ND	ND	ND	ND	ND								
MW-20	Turbidity	NTU	0.12	NT	NT	NT	NT	NT	ND	6.08	NT	NT	NT	NT	0	0	0.7	1.06	0
MW-20	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND									
MW-20	Zinc	mg/L	0.0349	0.0131	0.0223	0.0125	0.0155	0.0113	0.0106	0.012	0.0133	0.0125	0.0116	0.0134	0.0118	0.0118	0.0186	0.011	0.012

Table 4: Elements and Indicator Parameters - Seven Year Summary

Sample	Parameter	Units	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-21	Alkalinity	mg/L	NS	NS	NT	NT	NT	NT	NT	43	52	84	38	50	42	42	39	45	41
MW-21	Ammonia	mg/L as N	NS	NS	NT	NT	NT	NT	ND	ND	ND	ND	0.312	ND	ND	ND	ND	ND	ND
MW-21	Antimony	mg/L	NS	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-21	Arsenic	mg/L	NS	NS	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-21	Barium	mg/L	NS	NS	0.097	0.0783	0.0951	0.0152	0.0104	0.0248	0.0281	0.0567	0.0212	0.0492	0.0217	0.0222	0.0284	0.0246	0.02
MW-21	Beryllium	mg/L	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND							
MW-21	Cadmium	mg/L	NS	NS	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND
MW-21	Chloride	mg/L	NS	NS	NT	NT	NT	NT	8.65	19.6	32	35	15.3	26.2	23.8	0.0055	50.7	22.6	49.3
MW-21	Chromium	mg/L	NS	NS	0.2466	0.1024	0.0074	0.0063	0.0597	0.0295	ND	0.025	0.013	0.0705	ND	ND	ND	ND	0.002
MW-21	Cobalt	mg/L	NS	NS	ND	ND	ND	ND	14.9	ND	ND	ND							
MW-21	COD	mg/L	NS	NS	NT	NT	NT	NT	ND	10.7	ND	ND	ND	ND	ND	ND	51.5	ND	ND
MW-21	Copper	mg/L	NS	NS	0.0433	0.0323	0.0147	0.0106	0.0204	0.0164	ND	0.0125	0.01	0.0148	0.00654	0.005	ND	ND	0.003
MW-21	Hardness	mg/L	NS	NS	NT	NT	NT	NT	ND	54	127	48	74	64	60	100	72	82	
MW-21	Iron	mg/L	NS	NS	NT	NT	NT	NT	3.43	2.84	ND	1.22	1.44	3.26	0.204	0.207	0.273	ND	0.088
MW-21	Lead	mg/L	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND							
MW-21	Manganese	mg/L	NS	NS	NT	NT	NT	NT	0.0381	0.0595	0.0372	0.268	0.284	0.219	0.0326	0.0394	0.0685	0.0142	0.04
MW-21	Mercury	mg/L	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND							
MW-21	Nickel	mg/L	NS	NS	0.0264	0.0097	0.0086	0.0051	0.0135	0.0106	ND	0.00913	0.00595	0.00804	ND	ND	ND	ND	ND
MW-21	Nitrate	mg/L as N	NS	NS	NT	NT	NT	NT	2.17	2.13	2.04	1.75	2.06	2.26	2.03	2.1	2.12	2.12	2.1
MW-21	Selenium	mg/L	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND							
MW-21	Silver	mg/L	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND							
MW-21	Sulfate	mg/L	NS	NS	NT	NT	NT	NT	ND	8.23	15.4	29	5.55	13.6	9.98	9.67	7.62	12.3	8.43
MW-21	TDS	mg/L	NS	NS	NT	NT	NT	NT	48	160	236	156	192	140	136	190	140	114	
MW-21	Thallium	mg/L	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND							
MW-21	Turbidity	NTU	NS	NS	NT	NT	NT	NT	ND	22.3	NT	NT	NT	NT	2.5	2.4	2.3	3.92	0
MW-21	Vanadium	mg/L	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND							
MW-21	Zinc	mg/L	NS	NS	0.0235	0.028	0.023	ND	0.0148	0.0141	ND	0.0117	0.00706	0.0132	0.00827	0.00695	0.00705	ND	0.0056

MW-22	Alkalinity	mg/L	24	24	NT	NT	NT	NT	NT	34	32	34	34	32	30	39	30	35	33
MW-22	Ammonia	mg/L as N	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-22	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-22	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-22	Barium	mg/L	0.0317	0.0359	0.0279	0.0424	0.0315	0.0362	0.0372	0.0413	0.0413	0.044	0.046	0.0497	0.0392	0.0486	0.0381	0.0497	0.035
MW-22	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-22	Cadmium	mg/L	ND	ND	0.0002	NT	NT	NT	ND	ND	ND	ND	ND	ND	7.86	ND	ND	ND	ND
MW-22	Chloride	mg/L	8.6316	11	NT	NT	NT	NT	7.92	8.8	7.8	8	7.52	9.18	7.8	ND	7.19	7.39	7.26
MW-22	Chromium	mg/L	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0023
MW-22	Cobalt	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-22	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	7.1	ND	ND	ND	ND	10.1	ND	ND	ND	ND
MW-22	Copper	mg/L	0.01	0.0243	0.0148	0.0146	0.0281	0.0078	0.0068	0.0081	ND	0.00565	0.00538	0.00726	0.00672	0.0126	0.0117	ND	0.0032
MW-22	Hardness	mg/L	38	NT	NT	NT	NT	NT	ND	57	57	54	60	52	70	76	64	66	
MW-22	Iron	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-22	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-22	Manganese	mg/L	0.0165	0.0126	NT	NT	NT	NT	0.011	0.0175	0.0154	0.0109	0.0117	0.0123	0.00987	0.00809	0.00854	0.00934	ND
MW-22	Mercury	mg/L	ND	0.00029	0.00022	ND	ND												
MW-22	Nickel	mg/L	0.0038	0.0046	0.0039	0.0034	0.0036	0.0034	ND	ND	ND	ND	ND	0.00552	ND	ND	ND	ND	ND
MW-22	Nitrate	mg/L as N	2.0124	2.49	NT	NT	NT	NT	1.84	2.31	1.9	2.29	2.17	2.69	2.26	2.5	2.19	2.47	2.3
MW-22	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-22	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-22	Sulfate	mg/L	9.5	3.41	NT	NT	NT	NT	12.7	16.9	11.1	17.9	17.5	17.6	15.7	22.8	17.1	17.6	17.6
MW-22	TDS	mg/L	ND	128	NT	NT	NT	NT	48	144	92	72	92	62	112	87	92	108	
MW-22	Thallium	mg/L	64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
MW-22	Turbidity	NTU	0.12	NT	NT	NT	NT	NT	ND	0.392	NT	NT	NT	NT	34.2	25.9	26.4	NT	14.6
MW-22	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							
MW-22	Zinc	mg/L	0.0148	0.0301	0.0205	0.0158	0.0328	0.0122	0.0103	0.0115	0.0128	0.0139	0.0116	0.02	0.0151	0.0294	0.0147	0.0134	0.013

Table 4: Elements and Indicator Parameters - Seven Year Summary

Sample	Parameter	Units	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-23	Alkalinity	mg/L	14	26	NT	NT	NT	NT	NT	24	12	25	20	22	13.4	23	12.2	21	14.4
MW-23	Ammonia	mg/L as N	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-23	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-23	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-23	Barium	mg/L	0.0719	0.0341	0.0204	0.0415	0.0261	0.0341	0.0186	0.0339	0.0515	0.03	0.0247	0.0438	0.0275	0.0461	0.0215	0.0447	0.019
MW-23	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-23	Cadmium	mg/L	ND	ND	0.0001	NT	NT	NT	ND	ND	ND	ND	ND	ND	11.9	ND	ND	ND	ND
MW-23	Chloride	mg/L	46.6018	6.4	NT	NT	NT	NT	5.56	8.2	39.5	6.17	6	9.81	8.41	ND	5.68	10.8	7.09
MW-23	Chromium	mg/L	0.0022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
MW-23	Cobalt	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-23	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
MW-23	Copper	mg/L	0.019	0.0157	0.0088	0.0114	0.0194	0.0114	0.0075	0.0095	0.0067	0.00507	0.00669	0.00538	0.0113	0.00886	0.00588	0.00595	0.0042
MW-23	Hardness	mg/L	72	NT	NT	NT	NT	NT	ND	30	27	20	34	20	40	28	38	30	30
MW-23	Iron	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-23	Lead	mg/L	0.0025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
MW-23	Manganese	mg/L	0.0669	0.0824	NT	NT	NT	NT	0.0249	0.103	0.0246	0.0562	0.0324	0.109	0.0454	0.142	0.0289	0.125	0.041
MW-23	Mercury	mg/L	ND	0.0009	ND	0.0007	ND	0.0006	ND	0.00045	ND	ND	ND	0.00043	ND	0.0004	ND	0.00044	ND
MW-23	Nickel	mg/L	0.0083	0.0069	0.0038	0.0061	0.0047	0.0065	ND	0.0075	ND	ND	ND	0.00629	ND	0.0076	ND	0.00715	ND
MW-23	Nitrate	mg/L as N	4.8064	3.41	NT	NT	NT	NT	1.2611	3.6	2.15	2.44	1.55	3.87	1.98	4.03	1.35	3.65	1.57
MW-23	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-23	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-23	Sulfate	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-23	TDS	mg/L	ND	100	NT	NT	NT	NT	20	64	64	60	80	66	98	74	36	26	26
MW-23	Thallium	mg/L	196	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
MW-23	Turbidity	NTU	1.97	NT	NT	NT	NT	NT	ND	0.418	NT	NT	NT	NT	0	0	0	0.28	0
MW-23	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-23	Zinc	mg/L	0.0316	0.0258	0.0153	0.0203	0.0218	0.0188	0.0108	0.0198	0.0111	0.0173	0.0143	0.0272	0.0178	0.0243	0.014	0.0216	0.014
MW-24	Alkalinity	mg/L	24	34	NT	NT	NT	NT	NT	44	28	27	31	28	28	29	24	30	29
MW-24	Ammonia	mg/L as N	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-24	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-24	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-24	Barium	mg/L	0.0346	0.0363	0.0307	0.0402	0.0385	0.0342	0.0343	0.0278	0.0357	0.0358	0.0353	0.038	0.0293	0.0378	0.0317	0.034	0.027
MW-24	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-24	Cadmium	mg/L	ND	ND	0.0004	NT	NT	NT	ND	ND	ND	ND	ND	ND	15.5	ND	ND	ND	ND
MW-24	Chloride	mg/L	17.6738	15.8	NT	NT	NT	NT	14.1	12.1	14.7	15.2	13.5	15.8	14.6	ND	15.8	14.8	17.5
MW-24	Chromium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-24	Cobalt	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-24	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	7.6	ND	ND							
MW-24	Copper	mg/L	0.0104	0.0191	0.0098	0.0137	0.0252	0.0078	0.0071	0.0233	ND	0.00588	0.00652	ND	0.00851	0.00763	0.00566	0.00623	0.0034
MW-24	Hardness	mg/L	58	NT	NT	NT	NT	NT	ND	80	62	62	68	62	66	76	70	78	78
MW-24	Iron	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-24	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-24	Manganese	mg/L	0.1024	0.1077	NT	NT	NT	NT	0.0656	0.0901	0.0545	0.0465	0.0532	0.0318	0.0413	0.0352	0.0482	0.0266	0.04
MW-24	Mercury	mg/L	ND	ND	ND	ND	ND	ND	ND	0.00028	ND	ND							
MW-24	Nickel	mg/L	0.0024	0.0038	ND	ND	0.0024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-24	Nitrate	mg/L as N	3.9286	4.14	NT	NT	NT	NT	3.1275	3.14	3.35	3.57	3.13	3.35	3.1	3.33	3.2	3.13	3.12
MW-24	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-24	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-24	Sulfate	mg/L	17.27	14	NT	NT	NT	NT	18.3	29.6	18.2	19.8	20.8	20.2	18.7	20	18.7	20.2	17.8
MW-24	TDS	mg/L	ND	81296	NT	NT	NT	NT	80	160	128	92	136	88	120	130	68	176	176
MW-24	Thallium	mg/L	92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
MW-24	Turbidity	NTU	0.09	NT	NT	NT	NT	NT	ND	0.673	NT	NT	NT	NT	0	0	0	0.23	0
MW-24	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-24	Zinc	mg/L	0.0172	0.0234	0.0125	0.0124	0.0217	ND	0.0078	0.0334	0.00867	0.0106	0.0104	0.0116	0.0131	0.0116	0.00999	0.00742	0.0067

Table 4: Elements and Indicator Parameters - Seven Year Summary

Sample	Parameter	Units	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-25	Alkalinity	mg/L	NT	14	NT	NT	NT	NT	NT	13	13	12	12	9	5.5	5.9	6.4	7.1	6.9
MW-25	Ammonia	mg/L as N	NT	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-25	Antimony	mg/L	NT	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-25	Arsenic	mg/L	NT	ND	ND	ND	ND	ND	ND	ND	ND								
MW-25	Barium	mg/L	NT	0.0602	0.0797	0.0779	0.0732	0.0708	0.0798	0.0746	0.0832	0.0834	0.0903	0.0916	0.0815	0.0934	0.0931	0.103	0.094
MW-25	Beryllium	mg/L	NT	ND	ND	ND	ND	ND	ND	ND	ND								
MW-25	Cadmium	mg/L	NT	ND	0.0002	NT	NT	NT	ND	ND	ND	ND	ND	ND	74.6	ND	ND	ND	ND
MW-25	Chloride	mg/L	NT	45.2	NT	NT	NT	NT	57	59.4	61.1	65.3	67.2	70	73.7	ND	77.6	79.5	86.8
MW-25	Chromium	mg/L	NT	ND	0.0037	ND	ND	ND	ND	ND	ND	ND	ND						
MW-25	Cobalt	mg/L	NT	ND	ND	ND	ND	ND	ND	ND	ND								
MW-25	COD	mg/L	NT	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
MW-25	Copper	mg/L	NT	0.0189	0.0149	0.015	0.0234	0.011	0.0152	0.015	0.0081	0.00696	0.00945	0.00769	0.0134	0.0159	0.00817	0.00682	0.006
MW-25	Hardness	mg/L	NT	NT	NT	NT	NT	NT	ND	76		84	84	86	86	90	100	98	100
MW-25	Iron	mg/L	NT	ND	NT	NT	NT	NT	ND	ND	ND	0.705	0.43	0.258	0.254	0.313	0.206	ND	0.1
MW-25	Lead	mg/L	NT	ND	ND	ND	ND	ND	ND	ND	ND								
MW-25	Manganese	mg/L	NT	0.009	NT	NT	NT	NT	0.0123	0.0125	0.0123	0.0241	0.0172	0.0123	0.017	0.0142	0.0151	0.0117	0.011
MW-25	Mercury	mg/L	NT	ND	ND	ND	ND	ND	ND	ND	ND								
MW-25	Nickel	mg/L	NT	0.0059	0.008	0.0055	0.0072	0.0058	0.0068	0.0079	0.0072	0.00741	0.00871	0.0064	0.00919	0.00737	0.00852	0.00837	0.008
MW-25	Nitrate	mg/L as N	NT	4.45	NT	NT	NT	NT	4.12	4.34	4.09	3.72	3.87	3.87	3.75	3.65	3.57	3.45	3.35
MW-25	Selenium	mg/L	NT	ND	ND	ND	ND	ND	ND	ND	ND								
MW-25	Silver	mg/L	NT	ND	ND	ND	ND	ND	ND	ND	ND								
MW-25	Sulfate	mg/L	NT	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-25	TDS	mg/L	NT	178424	NT	NT	NT	NT	160	244		228	200	296	200	228	212	152	144
MW-25	Thallium	mg/L	NT	ND	ND	ND	ND	ND	ND	ND	ND								
MW-25	Turbidity	NTU	NT	NT	NT	NT	NT	NT	ND	2.98	NT	NT	NT	NT	5.9	6.4	2.2	3.25	0
MW-25	Vanadium	mg/L	NT	ND	0.0032	ND	ND	ND	ND	ND	ND	ND	ND						
MW-25	Zinc	mg/L	NT	0.0256	0.0273	0.0218	0.0462	0.0179	0.0228	0.0226	0.0252	0.0238	0.027	0.0278	0.0283	0.0329	0.0254	0.0291	0.024
MW-26	Alkalinity	mg/L	24	26	NT	NT	NT	NS	NT	16	17	17	16	24	12.1	11.6	12.4	12	12.6
MW-26	Ammonia	mg/L as N	ND	ND	NT	NT	NT	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-26	Antimony	mg/L	ND	ND	NT	NT	NT	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-26	Arsenic	mg/L	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-26	Barium	mg/L	0.0246	0.0282	0.0203	0.0315	0.0286	NS	0.03	0.0304	0.0342	0.0423	0.0402	0.0403	0.0314	0.0423	0.0364	0.0398	0.035
MW-26	Beryllium	mg/L	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-26	Cadmium	mg/L	ND	ND	0.0001	NT	NT	NS	ND	ND	ND	ND	ND	ND	45.1	ND	ND	ND	ND
MW-26	Chloride	mg/L	27.7183	29.4	NT	NT	NT	NS	32.6	35.6	35.2	38.9	38.8	42.8	42.9	ND	47.2	51.1	49.6
MW-26	Chromium	mg/L	ND	0.0173	ND	ND	ND	NS	ND	ND	ND	0.00546	ND	ND	ND	ND	ND	ND	0.0041
MW-26	Cobalt	mg/L	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-26	COD	mg/L	ND	ND	NT	NT	NT	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
MW-26	Copper	mg/L	0.0093	ND	0.0102	0.0157	0.0141	NS	0.0102	0.0111	0.0101	0.012	0.00804	0.00706	0.0129	0.0108	0.00871	0.00645	0.0019
MW-26	Hardness	mg/L	48	NT	NT	NT	NT	NS	ND	53		57	56	60	60	62	76	76	82
MW-26	Iron	mg/L	ND	ND	NT	NT	NT	NS	ND	ND	1.25	3.29	1.04	1.66	0.87	1.01	0.374	0.287	1.9
MW-26	Lead	mg/L	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-26	Manganese	mg/L	0.0031	0.003	NT	NT	NT	NS	ND	ND	0.0096	0.0244	0.0121	0.0126	0.0155	0.0155	0.0109	0.00652	ND
MW-26	Mercury	mg/L	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-26	Nickel	mg/L	0.0032	0.0028	0.0023	ND	0.0034	NS	ND	ND	ND	0.00594	ND	ND	0.00508	ND	ND	ND	0.0051
MW-26	Nitrate	mg/L as N	3.7648	3.01	NT	NT	NT	NS	2.64	2.81	2.64	2.67	2.5	2.52	2.41	2.35	2.41	2.29	2.16
MW-26	Selenium	mg/L	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-26	Silver	mg/L	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-26	Sulfate	mg/L	ND	ND	NT	NT	NT	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<4
MW-26	TDS	mg/L	ND	144	NT	NT	NT	NS	88	156		176	136	196	136	144	172	130	92
MW-26	Thallium	mg/L	120	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-26	Turbidity	NTU	0.32	NT	NT	NT	NT	NS	ND	9.41	NT	NT	NT	NT	24.9	22.6	22.6	14.9	NT
MW-26	Vanadium	mg/L	ND	ND	ND	ND	ND	NS	ND	ND	ND	0.00644	ND	ND	ND	ND	ND	ND	ND
MW-26	Zinc	mg/L	0.0159	0.0173	0.0165	0.0157	0.0168	NS	0.0132	0.0126	0.0145	0.0239	0.0154	0.0201	0.0189	0.0208	0.0148	0.0125	0.013

ND: Not Detected NS: Not Sampled NT: Not Tested

Table 4: Elements and Indicator Parameters - Seven Year Summary

Sample	Parameter	Units	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
MW-27	Alkalinity	mg/L	14	1	NT	NT	NT	NT	NT	13	17	12	10	7	4.9	5.7	5.7	5.6	5.2
MW-27	Ammonia	mg/L as N	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-27	Antimony	mg/L	ND	ND	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-27	Arsenic	mg/L	ND	ND	ND	ND	ND	ND	ND	ND									
MW-27	Barium	mg/L	0.0933	0.041	0.0195	0.0218	0.0388	0.0203	0.0704	0.0195	0.0229	0.0393	0.0728	0.039	0.0448	0.0327	0.0574	0.0474	0.08
MW-27	Beryllium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND									
MW-27	Cadmium	mg/L	ND	ND	0.0001	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	21.8	ND	ND	ND
MW-27	Chloride	mg/L	75.869	21.8	NT	NT	NT	NT	49.4	36.3	5.28	28.8	54.5	25.6	40.9	ND	55.3	32.1	77
MW-27	Chromium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND									
MW-27	Cobalt	mg/L	ND	ND	ND	ND	ND	ND	ND	ND									
MW-27	COD	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
MW-27	Copper	mg/L	0.0148	0.02	0.0066	0.0096	0.0164	0.0074	0.0116	0.0108	0.0051	ND	0.00684	ND	0.0163	0.00648	0.00719	ND	0.0038
MW-27	Hardness	mg/L	48	NT	NT	NT	NT	NT	ND	20		27	40	30	32	24	56	34	60
MW-27	Iron	mg/L	ND	ND	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.033
MW-27	Lead	mg/L	ND	ND	ND	ND	ND	ND	ND	ND									
MW-27	Manganese	mg/L	0.0571	0.024	NT	NT	NT	NT	0.0365	0.0102	0.0294	0.0185	0.0331	0.0184	0.0273	0.0156	0.0343	0.0223	0.047
MW-27	Mercury	mg/L	ND	ND	ND	ND	ND	ND	ND	ND									
MW-27	Nickel	mg/L	0.0049	0.005	ND	0.0021	0.0031	0.0022	ND	ND	ND	ND	0.00534	ND	ND	ND	ND	0.00589	ND
MW-27	Nitrate	mg/L as N	2.5758	4.75	NT	NT	NT	NT	2.7952	2.68	1.19	2.21	2.28	3.44	1.83	2.71	1.69	2.94	1.81
MW-27	Selenium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND									
MW-27	Silver	mg/L	ND	ND	ND	ND	ND	ND	ND	ND									
MW-27	Sulfate	mg/L	ND	ND	NT	NT	NT	NT	2.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	<4
MW-27	TDS	mg/L	ND	152	NT	NT	NT	NT	100	92		100	136	104	102	88	160	36	284
MW-27	Thallium	mg/L	168	ND	ND	ND	ND	ND	ND	ND	ND								
MW-27	Turbidity	NTU	0.72	NT	NT	NT	NT	NT	ND	0.948	NT	NT	NT	NT	0	0	0	0.43	0
MW-27	Vanadium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND									
MW-27	Zinc	mg/L	0.016	0.02	0.0066	0.0074	0.0157	ND	0.0121	0.019	0.0128	0.00819	0.0178	0.00861	0.0208	0.00975	0.0106	0.00797	0.01

SW-20	Alkalinity	mg/L	116	NS	NT	NT	NT	NT	NT	52	68	59	69	43	72	44	50	70	56
SW-20	Ammonia	mg/L as N	1.661	NS	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-20	Antimony	mg/L	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-20	Arsenic	mg/L	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-20	Barium	mg/L	0.2713	NS	0.0122	0.0223	0.0128	0.0129	0.0131	0.0127	0.0359	0.0206	NT	0.0253	0.0166	0.0227	0.0249	0.0205	0.0087
SW-20	Beryllium	mg/L	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-20	Cadmium	mg/L	204	NS	ND	NT	NT	NT	24.7	ND	ND	ND	ND	ND	ND	3.17	ND	ND	ND
SW-20	Chloride	mg/L	55204	NS	NT	NT	NT	NT	3.72	4.39	4.57	2.9	4.91	5.16	5.58	ND	19.5	3.88	6.63
SW-20	Chromium	mg/L	0.0145	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-20	Cobalt	mg/L	0.0112	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.6	ND	ND	ND
SW-20	COD	mg/L	ND	NS	NT	NT	NT	NT	ND	27.2	17.1	24.5	32.2	31.1	18.2	ND	18.6	11.7	13.8
SW-20	Copper	mg/L	0.0153	NS	0.0058	0.0077	0.0052	0.0061	ND	0.0059	ND	0.00548	ND	0.00541	ND	ND	0.006	ND	0.0014
SW-20	Hardness	mg/L	116	NS	NT	NT	NT	NT	ND	50		63	68	56	76	50	86	78	80
SW-20	Iron	mg/L	11.2512	NS	NT	NT	NT	NT	1.74	0.983	2.01	2.27	2.42	4.14	1.07	1.54	2.04	0.973	0.97
SW-20	Lead	mg/L	0.0092	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-20	Manganese	mg/L	0.9064	NS	NT	NT	NT	NT	0.246	0.0698	0.148	0.163	0.202	0.179	0.272	0.0887	0.145	0.339	0.063
SW-20	Mercury	mg/L	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-20	Nickel	mg/L	0.0105	NS	0.0023	0.0027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-20	Nitrate	mg/L as N	ND	NS	NT	NT	NT	NT	ND	ND	ND	ND	ND	4.27	ND	ND	0.545	ND	0.598
SW-20	Selenium	mg/L	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-20	Silver	mg/L	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-20	Sulfate	mg/L	6.69	NS	NT	NT	NT	NT	10.5	5.79	6.28	7.81	5.58	10	5.25	7.26	6.38	ND	7.07
SW-20	TDS	mg/L	ND	NS	NT	NT	NT	NT	68	108		96	140	108	102	94	126	92	144
SW-20	Thallium	mg/L	64	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-20	Turbidity	NTU	67.8	NS	NT	NT	NT	NT	ND	5.58	NT	NT	NT	NT	4.1	38.2	15.1	NT	6.4
SW-20	Vanadium	mg/L	0.0247	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-20	Zinc	mg/L	0.0414	NS	0.0137	0.0113	ND	ND	ND	0.00542	0.00785	0.00902	0.00766	0.0107	0.00722	0.00727	0.0131	ND	ND

Table 4: Elements and Indicator Parameters - Seven Year Summary

Sample	Parameter	Units	Apr-07	Oct-07	May-08	Dec-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
SW-30	Alkalinity	mg/L	68	NS	NT	NT	NT	NT	NT	90	80	96	92	67	111	89	97	162	117
SW-30	Ammonia	mg/L as N	ND	NS	NT	NT	NT	NT	ND	0.281	ND	ND	ND	0.498	0.231	ND	ND	2.61	ND
SW-30	Antimony	mg/L	ND	NS	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-30	Arsenic	mg/L	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-30	Barium	mg/L	0.0145	NS	0.0137	0.0564	0.0301	0.0319	0.0113	0.0196	0.0094	0.0229	0.017	0.044	0.0304	0.0425	0.0243	0.113	0.025
SW-30	Beryllium	mg/L	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-30	Cadmium	mg/L	18.8	NS	ND	NT	NT	NT	26.2	ND	ND	ND	ND	ND	ND	4.3	ND	ND	ND
SW-30	Chloride	mg/L	3.0787	NS	NT	NT	NT	NT	7.43	4.02	3.77	ND	ND	3.83	5.09	ND	3.06	10.8	4.14
SW-30	Chromium	mg/L	ND	NS	ND	ND	ND	0.0021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-30	Cobalt	mg/L	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.6	ND	ND	ND
SW-30	COD	mg/L	ND	NS	NT	NT	NT	NT	ND	18.7	10.5	16.6	32.4	24.1	30.8	ND	15.4	29.4	<10
SW-30	Copper	mg/L	0.0065	NS	0.0058	0.0067	0.0053	0.0068	0.0055	0.0058	ND	ND	0.00517	ND	0.00578	0.00584	ND	ND	0.0034
SW-30	Hardness	mg/L	74	NS	NT	NT	NT	NT	ND	83		100	86	110	110	132	114	156	132
SW-30	Iron	mg/L	ND	NS	NT	NT	NT	NT	1.26	1.42	0.923	0.782	1.61	3.66	2.77	0.665	0.716	13.3	1.8
SW-30	Lead	mg/L	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-30	Manganese	mg/L	0.3135	NS	NT	NT	NT	NT	0.197	0.301	0.0903	0.0596	0.372	0.288	0.404	0.0686	0.0358	1.23	0.079
SW-30	Mercury	mg/L	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-30	Nickel	mg/L	0.0021	NS	0.003	0.0033	0.0038	0.0049	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
SW-30	Nitrate	mg/L as N	0.2174	NS	NT	NT	NT	NT	ND	ND	0.284	ND	ND	0.268	ND	ND	1.29	ND	1.24
SW-30	Selenium	mg/L	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-30	Silver	mg/L	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-30	Sulfate	mg/L	ND	NS	NT	NT	NT	NT	8.19	ND	14.5	11.4	4.02	46.4	8.94	58	11.8	ND	14
SW-30	TDS	mg/L	ND	NS	NT	NT	NT	NT	120	140		156	144	180	146	220	130	162	102
SW-30	Thallium	mg/L	92	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-30	Turbidity	NTU	6.83	NS	NT	NT	NT	NT	ND	10.1	NT	NT	NT	NT	7	12.5	13.4	NT	13.4
SW-30	Vanadium	mg/L	ND	NS	0.0021	ND	ND	0.0055	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00655	ND
SW-30	Zinc	mg/L	0.0077	NS	0.017	0.006	ND	ND	ND	0.00633	ND	0.0103	0.00669	0.00768	0.00943	0.00545	0.00754	0.0112	0.0084

TABLE A - Results for Filtered and Unfiltered Metal Samples

		Monitoring Well											
		MW-01	MW-02	MW-03	MW-04	MW-05	MW-06	MW-07	MW-08	MW-09	MW-10		
Parameter	Antimony	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	
	Arsenic	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	
	Barium	Unfiltered	0.011	0.0095	0.014	0.038	0.015	0.053	0.031	0.035	NT	ND	
	Filtered	0.011	0.0084	0.014	0.036	0.015	0.051	0.03	0.032	NT	ND		
	Beryllium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	
	Cadmium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND		
	Calcium	Unfiltered	9.3	9.2	14	15	7.7	21	11	7.7	NT	3.3	
	Filtered	9.1	9.3	14	15	7.6	21	11	7.6	NT	3.3		
	Chromium	Unfiltered	ND	0.0043	0.003	0.002	0.002	ND	ND	ND	NT	ND	
	Filtered	ND	0.0027	ND	ND	0.0021	ND	ND	ND	NT	ND		
	Cobalt	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND		
	Copper	Unfiltered	0.0044	0.011	0.02	0.0041	0.0038	0.0051	0.0027	0.003	NT	0.0028	
	Filtered	0.0028	0.0047	0.0087	0.0035	0.0031	0.005	0.0041	0.0044	NT	0.0027		
	Iron	Unfiltered	0.0056	1.3	0.1	0.66	0.4	ND	0.089	0.049	NT	0.017	
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND		
	Lead	Unfiltered	ND	0.0012	ND	ND	ND	ND	ND	ND	NT	ND	
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND		
	Magnesium	Unfiltered	4.6	4.8	8.5	8.5	5.6	15	7.7	5.9	NT	2.6	
	Filtered	4.6	4.9	8.8	8.6	5.5	15	7.8	5.8	NT	2.7		
	Manganese	Unfiltered	ND	0.023	0.0056	0.022	0.0061	0.15	0.014	0.013	NT	ND	
	Filtered	ND	ND	ND	0.0081	ND	0.15	0.012	0.012	NT	ND		
	Mercury	Unfiltered	ND	ND	ND	ND	ND	0.00033	ND	ND	NT	ND	
	Filtered	ND	ND	ND	ND	ND	0.00033	ND	ND	NT	ND		
Nickel	Unfiltered	ND	ND	0.013	0.0069	ND	0.0081	ND	0.009	NT	ND		
Filtered	ND	ND	0.0081	0.0058	ND	0.0081	ND	0.01	NT	ND			
Potassium	Unfiltered	0.86	1.2	1.9	1.3	1	2.1	1.4	0.87	NT	0.52		
Filtered	0.84	1.2	2	1.3	1	2.1	1.5	0.85	NT	0.52			
Selenium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND		
Filtered	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND			
Silver	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND		
Filtered	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND			
Sodium	Unfiltered	5.9	4.9	13	5	2.4	6.7	9.6	5.7	NT	5.6		
Filtered	5.7	5	13	5.1	2.4	6.8	9.8	5.7	NT	5.6			
Thallium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND		
Filtered	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND			
Vanadium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND		
Filtered	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND			
Zinc	Unfiltered	0.0051	0.018	0.031	0.019	0.0094	0.022	0.014	0.016	NT	ND		
Filtered	0.026	0.015	0.018	0.016	0.015	0.022	0.016	0.017	NT	ND			

ND: Not Detected
 NS: Not Sampled

TABLE A - Results for Filtered and Unfiltered Metal Samples

		Monitoring Well										
		MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18A	MW-19	MW-20	
Parameter	Antimony	Unfiltered	ND									
		Filtered	ND									
	Arsenic	Unfiltered	ND									
		Filtered	ND									
	Barium	Unfiltered	0.02	ND	0.0082	0.033	0.1	0.028	0.026	0.019	0.048	0.023
		Filtered	0.018	ND	0.0078	0.032	0.11	0.031	0.029	0.019	0.049	0.023
	Beryllium	Unfiltered	ND									
		Filtered	ND									
	Cadmium	Unfiltered	ND									
		Filtered	ND									
	Calcium	Unfiltered	6.9	4.6	3.5	65	12	23	3	1.5	3.7	7.1
		Filtered	7	4.3	3.6	64	12	22	3	1.5	3.8	6.9
	Chromium	Unfiltered	0.0021	ND	0.0024	0.0035	0.002	ND	ND	ND	ND	ND
		Filtered	ND	ND	ND	ND	0.0024	ND	ND	ND	ND	ND
	Cobalt	Unfiltered	ND									
		Filtered	ND									
	Copper	Unfiltered	0.0062	0.002	0.0054	0.0084	0.0034	0.0026	0.0079	0.003	0.0033	0.0095
		Filtered	0.0031	0.0011	0.003	0.0019	0.0038	0.0032	0.0076	0.0038	0.0044	0.0043
	Iron	Unfiltered	0.88	0.026	0.65	0.84	0.021	ND	ND	ND	0.013	0.047
		Filtered	ND									
	Lead	Unfiltered	ND									
		Filtered	ND									
	Magnesium	Unfiltered	4.5	3.9	3.7	15	4.7	16	3.6	2.3	3.7	4.6
		Filtered	4.4	3.8	3.7	15	4.7	16	3.6	2.3	3.7	4.5
	Manganese	Unfiltered	0.032	ND	0.01	0.014	0.012	0.039	0.011	0.01	0.023	ND
		Filtered	ND	ND	ND	ND	0.012	0.037	0.01	0.01	0.023	ND
	Mercury	Unfiltered	ND									
		Filtered	ND									
Nickel	Unfiltered	ND	ND	ND	ND	ND	0.0096	0.0067	ND	ND	ND	
	Filtered	ND	ND	ND	ND	ND	0.0079	0.006	ND	ND	ND	
Potassium	Unfiltered	1.3	0.83	0.2	1.6	0.9	1.1	1.1	1	1.5	0.71	
	Filtered	1.2	0.78	0.21	1.4	0.9	1.1	1.1	1	1.5	0.68	
Selenium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Filtered	ND	ND	ND	ND	ND	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	4.7	6.7	5.4	5.8	9.8	5.8	3.4	2.1	4.4	5	
	Filtered	4.7	6.4	5.5	5.7	9.9	5.8	3.5	2.2	4.5	4.9	
Thallium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vanadium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Zinc	Unfiltered	0.016	ND	0.0065	0.0058	0.019	0.021	0.025	0.0086	0.016	0.012	
	Filtered	0.014	ND	ND	ND	0.019	0.023	0.029	0.011	0.017	0.013	

ND: Not Detected
NS: Not Sampled

TABLE A - Results for Filtered and Unfiltered Metal Samples

		Monitoring Well							AVERAGE	
		MW-21	MW-22	MW-23	MW-24	MW-25	MW-26	MW-27		
Parameter	Antimony	Unfiltered	ND	ND						
		Filtered	ND	ND						
	Arsenic	Unfiltered	ND	ND						
		Filtered	ND	ND						
	Barium	Unfiltered	0.02	0.035	0.019	0.027	0.094	0.035	0.08	0.0342375
		Filtered	0.02	0.037	0.019	0.028	0.095	0.037	0.081	0.034716667
	Beryllium	Unfiltered	ND	ND						
		Filtered	ND	ND						
	Cadmium	Unfiltered	ND	ND						
		Filtered	ND	ND						
	Calcium	Unfiltered	17	9.7	3.5	12	16	13	8.2	11.84230769
		Filtered	17	9.5	3.5	12	17	14	8.3	11.81923077
	Chromium	Unfiltered	0.002	0.0023	ND	ND	ND	0.0041	ND	ND
		Filtered	ND	0.0029	ND	ND	ND	ND	ND	ND
	Cobalt	Unfiltered	ND	ND						
		Filtered	ND	ND						
	Copper	Unfiltered	0.003	0.0032	0.0042	0.0034	0.006	0.0019	0.0038	0.005157692
		Filtered	0.0018	0.0055	0.0048	0.0046	0.0094	0.03	0.0062	0.005288462
	Iron	Unfiltered	0.088	ND	ND	ND	0.1	1.9	0.033	0.379926316
		Filtered	ND	ND	ND	ND	ND	0.059	0.012	ND
	Lead	Unfiltered	ND	ND						
		Filtered	ND	ND	ND	ND	ND	0.0025	ND	ND
	Magnesium	Unfiltered	12	8.4	2.6	9.4	14	8.6	7.2	7.207692308
		Filtered	12	8.2	2.6	9.2	14	9	7.2	7.215384615
	Manganese	Unfiltered	0.04	ND	0.041	0.04	0.011	ND	0.047	0.028185
		Filtered	0.0052	ND	0.041	0.039	0.0099	ND	0.047	0.029728571
	Mercury	Unfiltered	ND	0.00033						
		Filtered	ND	ND						
Nickel	Unfiltered	ND	ND	ND	ND	0.008	0.0051	ND	0.0083	
	Filtered	ND	ND	ND	ND	0.0084	ND	ND	0.007757143	
Potassium	Unfiltered	2.8	1.5	1.1	1.5	2.4	1.6	2.2	1.326538462	
	Filtered	2.8	1.5	1	1.4	2.4	1.6	2.2	1.310769231	
Selenium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	
Silver	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	
Sodium	Unfiltered	16	4	5.1	6.3	17	8.9	32	7.738461538	
	Filtered	16	4	5.1	6.2	17	9.5	32	7.769230769	
Thallium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	
Vanadium	Unfiltered	ND	ND	ND	ND	ND	ND	ND	ND	
	Filtered	ND	ND	ND	ND	ND	ND	ND	ND	
Zinc	Unfiltered	0.0056	0.013	0.014	0.0067	0.024	0.013	0.01	0.0146125	
	Filtered	0.0063	0.018	0.015	0.01	0.026	0.09	0.013	0.020422727	

ND: Not Detected
 NS: Not Sampled

Appendix E

Table of Groundwater Elevations and Groundwater Elevation Contour Map

Results in (ft. AMSL)

GROUNDWATER TABLE ELEVATIONS OAKS LANDFILL

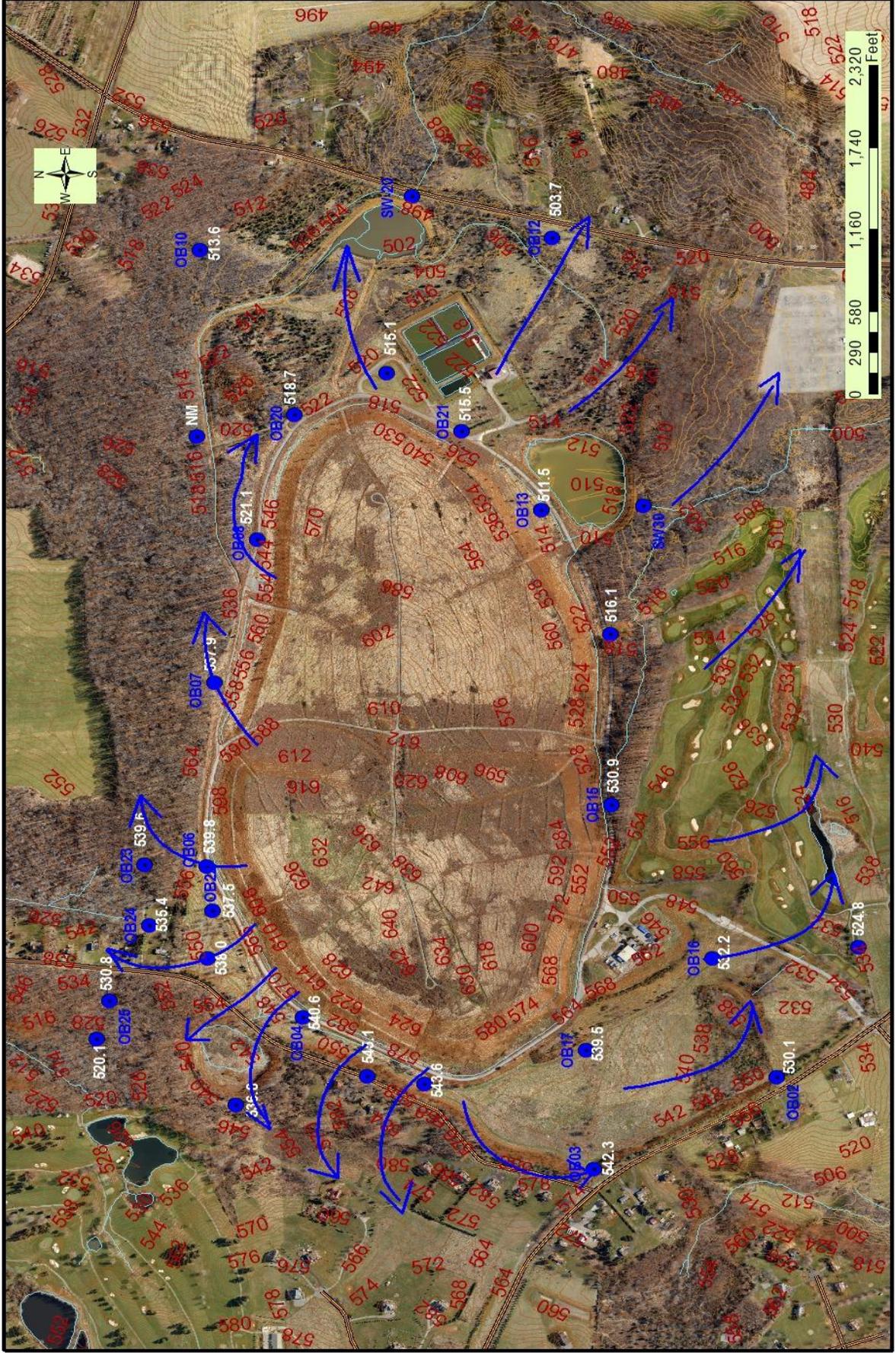
Monitoring Location	Elevation (ft)	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15	Elevation Change (ft)	Measured Water Level Elevations From Ground Surface - April 2015
MW01	533.71	523.41	524.3	521.1	524.5	523.5	523.3	516.3	519.1	516.8	525.4	520.1	524.8	4.79	8.87
MW02	545.29	526.99	530.5	525.7	529.3	528.4	528.4	521.0	528.1	525.2	531.6	524.9	530.1	5.11	15.24
MW03	549.87	540.47	542.0	538.8	541.3	541.6	539.8	533.9	539.9	538.4	544.1	538.0	542.3	4.25	7.58
MW04	553.8	536.5	540.0	535.7	539.8	538.9	537.8	531.8	538.1	535.6	542.0	534.9	540.6	5.69	13.20
MW05	550.71	535.71	537.1	534.7	537.9	536.9	536.3	530.4	536.4	534.4	538.8	533.4	538.0	4.65	12.68
MW06	560.56	534.76	540.1	535.1	539.0	537.4	538.8	531.5	538.5	534.5	540.1	534.2	539.8	5.65	20.73
MW07	549.44	530.74	538.9	531.0	536.3	533.4	536.8	529.0	535.0	530.5	538.9	531.2	537.9	6.77	11.51
MW08	529.99	514.79	520.4	514.1	519.8	516.4	519.3	513.0	519.2	515.0	521.8	514.6	521.1	6.49	8.88
MW09	522.94	507.54	512.8	504.2	513.3	510.2	511.8	503.6	512.5	507.3	514.9	505.0			Not Measured
MW10	516.19	509.09	513.4	507.5	513.6	510.7	512.5	503.9	512.5	507.4	514.4	507.6	513.6	6.05	2.59
MW11	523.39	511.19	513.4	509.6	514.7	514.0	511.7	506.8	513.1	510.6	515.9	509.7	515.1	5.46	8.27
MW12	507.49	499.69	502.9	498.7	505.4	501.8	501.7	495.0	502.4	497.8	504.3	497.4	503.7	6.32	3.75
MW13	519.46	509.66	511.4	509.4	511.2	510.3	510.8	508.2	510.7	509.3	511.8	508.8	511.5	2.66	7.98
MW14	520.43	512.63	516.0	513.3	516.0	515.6	515.3	510.2	515.5	511.7	516.7	510.6	516.1	5.53	4.32
MW15	546.75	527.75	531.6	527.9	530.7	529.5	530.1	525.4	528.1	525.1	530.8	526.8	530.9	4.04	15.88
MW16	540.29	527.79	532.9	527.5	532.2	529.9	530.2	523.9	528.9	525.0	533.1	526.1	532.2	6.10	8.05
MW17	552.57	535.27	540.0	535.1	538.2	536.8	538.5	532.8	537.2	534.5	539.9	535.3	539.5	4.18	13.06
MW18A	556.4	537.5	542.7	538.1	542.2	541.7	540.8	533.6	540.5	537.9	545.3	537.2	543.6	6.32	12.85
MW19	551.87	534.17	536.1	533.4	536.1	535.2	535.0	525.0	535.1	533.0	537.5	532.0	536.8	4.71	15.12
MW20	523.14	512.44	516.8	510.7	518.2	515.3	514.9	508.0	516.2	512.0	519.6	510.6	518.7	8.10	4.44
MW21	521.82	511.72	514.3	510.9	515.0	513.7	513.4	508.9	514.2	511.5	516.0	510.8	515.5	4.69	6.31
MW22	553.06	535.16	536.8	534.5	537.5	536.3	536.3	529.5	536.3	533.9	538.0	532.7	537.5	4.78	15.57
MW23	546.44	NM	539.2	534.9	539.6	537.1	538.7	532.0	538.3	534.4	540.2	534.1	539.6	5.49	6.89
MW24	542.58	534.78	535.1	534.0	535.8	535.0	534.7	531.3	534.8	533.8	535.8	533.2	535.4	2.15	7.22
MW25	539.52	525.02	529.6	524.9	531.6	527.5	529.4	522.2	529.7	524.9	531.7	523.7	530.8	7.12	8.71
MW26	524.92	NM	519.2	516.9	520.8	518.7	519.1	505.6	519.5	517.1	520.6	516.1	520.1	4.00	4.79
MW27	585	NM	NM	NM	543.8	542.5	542.9	535.6	542.6	539.3	546.1	538.7	545.1	6.40	39.88
Average Water Table Elevation Change Since October 2014 - in feet														5.24	

NM: Not Measured

SPRING 2015 Data

Oaks Landfill Monitoring Well Locations

Groundwater Contour Map and General Flow Direction (SPRING 2015)



Appendix F

Methane Gas Monitoring Results

Results in (%)

OAKS LANDFILL METHANE GAS (CH₄) AT GROUNDWATER MONITORING WELLS

Well #	Jan-10	Apr-10	Jun-10	Oct-10	Jan-11	Apr-11	Jun-11	Oct-11	Dec-12	Mar-12	Jun-12	Oct-12	Apr-13	Oct-13	Apr-14	Oct-14	Apr-15
OBO1	ND																
OBO2	ND																
OBO3	ND																
OBO4	ND																
OBO5	ND																
OBO6	33.0	ND															
OBO7	ND																
OBO8	ND																
OBO9	ND																
OBO10	ND																
OBO11	ND																
OBO12	ND																
OBO13	ND																
OBO14	ND																
OBO15	ND																
OBO16	ND																
OBO17	ND																
OBO18A	ND																
OBO19	ND																
OBO20	ND																
OBO21	ND																
OBO22	ND																
OBO23	ND																
OBO24	ND																
OBO25	ND																
OBO26	ND																
OBO27	ND																

FW: Full of Water
 FR: Frozen
 NT: Not Tested