# FINAL REPORT

# 2008 ANNUAL MONITORING REPORT
# WASTE MANAGEMENT OF CANADA
# RICHMOND LANDFILL
# TOWN OF GREATER NAPANEE, ONTARIO

Prepared for:

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WASTE MANAGEMENT

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# PREFACE

Waste Management of Canada Corporation (WM) acknowledges receipt of the review comments provided by the Ontario Ministry of the Environment (MOE) in relation to the 2006 Annual Monitoring Report of the Richmond Landfill, in their letter dated December 7, 2007. These review comments were discussed in detail during two technical meetings held between hydrogeologists from MOE, WM and WESA on January 30 and March 25, 2008. WM also acknowledges receipt of the review comments provided by the MOE on the 2007 Annual Monitoring Report and site conceptual model, in their letter dated February 25, 2009.

As agreed with the MOE, some of the review comments have been addressed previously in the 2007 Annual Monitoring Report and in the 2008 Annual Monitoring Report (this document) where possible. This includes the recent addition of 10 groundwater monitors that were installed in the spring of 2008 to evaluate questions regarding the site hydrogeologic conceptual model (reported under separate cover). Groundwater elevations were collected site wide on June 27, 2008 after these new monitors had been properly developed and allowed to equilibrate. The water level data collected on June 27, 2008 were used to develop the piezometric contours for the spring monitoring round, instead of the dataset collected on April 24, 2008 corresponding to the April/May timeframe that has traditionally been used for the site, as the data collected in June provide additional control in the areas of the new wells.

The remaining MOE review comments are actively being addressed by WM and their consultants through ongoing technical discussions with MOE hydrogeologists and additional analyses.

# EXECUTIVE SUMMARY

This report provides a summary and analysis of the environmental monitoring program at the Waste Management of Canada Corporation (WM) Richmond Landfill Site during the period from January 1 to December 31, 2008. The report is prepared in accordance with Conditions No. 9(a) and 9(d) of the Provincial Certificate of Approval No. A371203 dated March 30, 1988; and Condition 11 of the Certificate of Approval (Municipal Sewage) No. 3-0975-90-916 dated October 21, 1991.

The environmental monitoring program includes water quality analyses for groundwater and surface water, in the spring and autumn, on and around the site. The groundwater flow directions interpreted from the 2008 monitoring program are consistent with the results obtained in previous years of monitoring. The direction of groundwater flow in the overburden/bedrock interface zone in the vicinity of the landfill is divergent to the north and south reflecting local discharge to Marysville Creek toward the north and to Beechwood Ditch to the south. The predominant direction of groundwater flow in the intermediate bedrock is towards the south and is consistent with regional information.

As discussed with MOE, no comparison was made to Reasonable Use (RU) Limits since WM and MOE are continuing to address questions related to the site hydrogeologic conceptual model. As such, no agreement has been made regarding appropriate background wells to be used in the calculation of RU Limits. In any event, evaluation of the groundwater quality data indicates chemistry consistent with historical data and no off-site migration of leachate impacted groundwater.

The PWQO objectives were exceeded for some constituents in surface water. As was the case in previous years, aluminum and total phosphorous concentration exceeded PWQO at upstream and downstream sampling locations. Copper exceeded the PWQO objective at location S9 for the autumn sampling. Location S9 is located upstream of the southwest (SW) Sedimentation pond and monitors water quality of storm water runoff that is captured by the pond. The continuing sampling of Marysville Creek indicates that the landfill is not impacting the water quality of this creek.

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# 1.0 INTRODUCTION

The purpose of this document is to present results and to provide an interpretation of the data that was collected during the 2008 groundwater and surface water semi-annual monitoring events at the Waste Management of Canada Corporation (WM) Richmond landfill. This report has been prepared on behalf of WM to comply with Conditions No. 9(a), and 9(d) of the Provisional Certificate of Approval No. A 371203 dated March 30, 1988; Condition 11 of the Certificate of Approval (Municipal Sewage) No. 3-0975-90-916 dated October 21, 1991, and recommendations to previous Annual Monitoring Reports as supplied by the Ontario Ministry of the Environment (MOE).

## 1.1 BACKGROUND INFORMATION

The Richmond Landfill is located on parts of Lots 1, 2 and 3, Concession IV, Town of Greater Napanee in the County of Lennox and Addington. Figure 1 illustrates the location of the landfill with respect to access roads and watercourses. The site is licensed under the following Provisional Certificates of Approval:

- A 371203 dated March 30, 1988;
- A 371203 amendment dated September 4, 1991;
- 3-1720-90-916 dated September 4, 1991;
- 8-4028-92-006 dated March 11, 1992;
- 3-0975-90-916 dated October 21, 1991; and
- 3-0975-90-916 amendment dated December 10, 1991

## 1.2 MONITORING SYSTEM MODIFICATIONS

There is currently no official environmental monitoring program (EMP) for the site. This situation is actively being addressed by WM and MOE, including selection of appropriate compliance monitoring locations, sampling parameters and frequency and development of appropriate compliance trigger values to adequately assess potential environmental impacts. The 2008 annual monitoring program was generally consistent with the previous year's program.

The conditions of the site Certificate of Approval (C of A) related to groundwater monitoring only require sampling the OW series of wells and wells 2054 and 2055. The monitoring program currently in place at the site involves sampling these wells, in addition to numerous groundwater monitoring wells that have been installed since the current C of A was issued in 1988. The groundwater monitoring program that has been in place for the past 10 years has been expanded on numerous occasions and now significantly exceeds the requirements of the C of A. In addition, a special monthly sampling program for leachate was initiated in 1999 and is ongoing. Samples are collected from the North Chamber leachate pumping location on a

monthly basis and from the South Chamber bi-annually. Leachate characterization is required for disposal at the wastewater treatment centre in Napanee. Details of the leachate monitoring program can be found in the agreement between the Greater Napanee Water Supply and Pollution Control Public Utilities Commission and Waste Management of Canada Cooperation, dated July 2003.

In a correspondence from the MOE, dated November 15, 2005, it is stated that the Ministry concurs that monitoring of deep bedrock groundwater quality at this facility serves no further purpose and should be discontinued. Consequently, the annual monitoring of groundwater at the Richmond facility no longer includes sampling and analysis of groundwater monitors completed entirely below a depth of 30 m below ground surface (mbgs).

# 2.0 MONITORING PROGRAM

## 2.1 PROGRAM METHODOLOGY

Water levels were measured at all monitoring wells as part of the semi-annual monitoring program on June 27, 2008 and October 14, 2008. The site layout and monitoring locations are shown on Figure 1. Water levels for 2008 are listed in Appendix A with historical water levels. Groundwater monitors where water levels were not recorded for 2008 (mostly because of dry conditions) are tabulated at the end of Appendix A in a separate table.

A summary of the annual and semi-annual groundwater monitoring programs is presented in Table 1. Groundwater samples were collected on April 28, 29, 30 and May 1, 2008 in the spring and on November 19, 2008 as part of the autumn groundwater monitoring event.

A total of 55 groundwater monitors were sampled from 31 locations during the spring groundwater sampling event. Additionally, six (6) field duplicate samples, two (2) field blanks, six (6) trip blanks, and one (1) equipment blank were collected during the spring sampling event, for a total of 15 Quality Assurance/Quality Control (QA/QC) samples.

A total of 13 groundwater samples from seven (7) separate locations were collected as part of the autumn groundwater sampling event. Additionally two (2) field duplicate samples and two (2) trip blanks for a total of four (4) QA/QC samples. Samples were analyzed for the parameters listed in Table 2, as referenced in Table 1.

## Table 1: Summary of 2008 Groundwater Monitoring Program

| Location | Overburden Monitor | Bedrock Monitor | Monitor Depth (mbgs) | Parameters | Frequency |
|---|---|---|---|---|---|
| North of Landfill | M35 | | 1.3 to 1.6 | LIL | Annual |
| | M39 | | 1.4 to 1.7 | LIL | Annual |
| | | M5 (1/2/3) | 26.5 to 30.6 / 20.5 to 23.5 / 6 to 7.5 | LIL | Annual |
| | | M6 (1/2/3) | 27.5 to 30.8 / 21.5 to 23.5 / 5 to 6.5 | LIL | Annual |
| | | | | VOC(full) (M6-2) | |
| | | M45 (2/3) | 27.4 to 30.5 / 13.4 to 15.2 | LIL | Annual |
| | | M46 (1/2) | 13.5 to 15.0 / 6.3 to 7.8 | LIL | Annual |
| | | OW1 | 5.3 to 5.8 | LIL | Semi-annual |
| | | OW4 | 5.3 to 5.8 | LIL | Semi-annual |
| | | OW55 (d/i/s) | 15.5 to 19.9 / 7.3 to 12.3 / 3.0 to 6.5 | LIL | Semi-annual |
| | | OW56 (d/i/s) | 15.3 to 19.9 / 7.7 to 12.3 / 3.3 to 4.8 | LIL | Semi-annual |
| East of Landfill | M19 | | 4.2 to 4.8 | LIL | Annual |
| | M23 | | 3.6 to 4.4 | LIL | Annual |
| | | M47 (1/2/3) | 9.4 to 10.7 / 30.5 to 33.14 / 3.0 to 5.0 | LIL | Annual |
| | | M50 (1/2/3) | 5.0 to 6.8 / 26.5 to 27.5 / 13.5 to 15.0 | LIL, LILb (M50-1,2) | Annual |
| | | | | VOC (M50-1,2) | |
| | | M51 (1/2/3) | 25.0 to 27.0 / 12.0 to 14.0 / 7.6 to 9.0 | LIL, LILb (51-2) | Annual |
| | | | | VOC (51-2) | |
| | | M52 (1/2/3) | 23.0 to 24.4 / 12.8 to 14.0 / 6.7 to 8.0 | LIL, LILb (52-1,2) | Annual |
| | | | | VOC (52-1,2) | |
| South of Landfill | M12 | | 2.5 to 2.9 | LIL, BTEX, B, Mn, 1,4-DCBE | Annual |
| | M14 | | 2.3 to 2.7 | LIL, BTEX, B, Mn, 1,4-DCBE | Annual |
| | | M53-2 | 27.4 to 29.9 | LIL, LILb (M53-2) | Annual |
| | | M53-3 | 12.2 to 15.2 | LIL (M53-3) | |
| | M53-4 | | 1.7 to 2.0 | LIL, BTEX, B, Mn, 1,4-DCBE (M53-4) | |
| | | M9 (2/3) | 18.5 to 23.0 / 9.3 to 10.8 | LIL | Annual |
| | | M9R-1 | 28.6 to 31.7 | LIL, VOC(full) | Annual |
| | | M10 (1/2/3) | 28.0 to 30.2 / 12.0 to 14.0 / 6.5 to 9.5 | LIL | Annual |
| | | | | 1,4-DCBE, BTEX, B, Mn (M10-3) | |
| | | M49 (1/2/3) | 25.5 to 27.1 / 10.5 to 12.8 / 5.0 to 6.8 | LIL, LILb(M49-2) | Annual |
| | | | | VOC(M49-2) | |
| | | OW54 (d/i/s) | 15.5 to 19.9 / 8.3 to 12.2 / 3.2 to 4.8 | LIL, LILb (OW54d/i) | Semi-annual |
| | | | | VOC (OW54d/i) | |
| | | OW57 | 19.6 to 20.6 | LIL | Semi-annual |
| | | 2054 | 7.3 to 36.6 | LIL, LILb, VOC | Semi-annual |
| West of Landfill | M28 | | 10.5 to 12.8 | LIL | Annual |
| | M29 | | 5.0 to 6.8 | LIL | Annual |
| | | M58 (2/3/4) | 27.5 to 30 / 9.0 to 12.0 / 2.7 to 3.5 | LIL | Annual |
| | | M3A (1/2/3) | 28.8 to 31.3 / 21.5 to 25.1 / 9.0 to 11.0 | LIL | Annual |
| | | M4 (1/2/3) | 27.3 to 30.3 / 21.0 to 23.5 / 8.5 to 10.0 | LIL, | Annual |
| | | | | VOC(full) (M4-2) | |
| | | M48 (2/3) | 19.0 to 20.3 / 17.0 to 18.2 | LIL | Annual |

Spring surface water sampling was conducted on May 15, 2008. Samples were collected from locations S1, S2, S3, S5, S6 and S7; locations S4, S8 and S9 were dry. Autumn surface water sampling was conducted on November 17, 2008. Samples were collected for locations S1 through S7 and S9; location S8 was dry. All surface water samples were analyzed for the surface water parameters (SWP) listed in Table 2.

Leachate samples were collected from the North Chamber on a monthly basis in 2008 and were analyzed for parameters listed in Schedule A and also for the supplemental parameters listed in Schedule B semi-annually (see Table 2). Leachate samples were collected from the South Chamber on May 15 and November 17, 2008 and were analysed for parameters listed in Leachate Analysis Schedules A and B.

**Table 2: Chemical Analysis Parameters for Water and Leachate Samples**

| |
|---|
| **Leachate Indicator List (LIL):** pH, conductivity, alkalinity, hardness, chemical oxygen demand (COD), biochemical oxygen demand (BOD), nitrate ($NO_3^-$), nitrite ($NO_2^-$), ammonia ($NH_3$), total Kjeldahl nitrogen (TKN), sulphate ($SO_4^{2-}$), chloride ($Cl^-$), sodium (Na), calcium (Ca), magnesium (Mg), potassium (K), aluminum (Al), cadmium (Cd), chromium (Cr), iron (Fe), mercury (Hg), silver (Ag), Total organic carbon (TOC), phenols, benzene, toluene, ethylbenzene and xylenes (BTEX) |
| **Leachate Indicator List "b" (LILb):**<br>**Selected VOCs** - 1,1-dichloroeth[yl]ene, 1,1-dichloroethane, 1,1,1-trichloroethane, tetrachloroeth[yl]ene, 1,4-dichlorobenzene. **Polycyclic Aromatic Hydrocarbons** – naphthalene, acenaphthylene, acenaphthene, fluorene, anthracene, phenanthrene, fluoranthene, pyrene, benzo[a]anthracene, chrysene, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, indeno[1,2,3,cd]pyrene, dibenzo[a,h]anthracene, benzo[g,h,i]perylene |
| **Surface Water Parameters (SWP):** pH, conductivity, alkalinity, hardness, biochemical oxygen demand (BOD), dissolved organic carbon, total organic carbon (TOC), total dissolved solids (TDS), total suspended solids (TSS), turbidity, nitrate ($NO_3^-$), ammonia ($NH_3$), un-ionized ammonia, TKN, total phosphorus (Total P), chloride ($Cl^-$), aluminum (Al), arsenic (as), beryllium (Be), cadmium (Cd), calcium (Ca), chromium (Cr), nickel (Ni), copper (Cu), cyanide (free), iron (Fe), lead (Pb), magnesium (mg), mercury (Hg), selenium (Se), silver (Ag), zinc (Zn), phenols, field pH and temperature *(note: All samples unfiltered therefore analyses are for total constituent)* |
| **Monthly Leachate Analysis (Schedule A):** alkalinity, conductivity, arsenic (As), calcium (Ca), cadmium (Cd), chloride (Cl-)cobalt (Co), chromium (Cr), copper (Cu), mercury (Hg), molybdenum (Mo), nickel (Ni), lead (Pb), selenium (Se), zinc (Zn), alkalinity, hardness, DOC, pH, ammonia, nitrite, nitrate, TDS, TKN, phenols, PAHs, BTEX, USEPA 624, purgeable hydrocarbons |
| **Supplementary Leachate Analyses (Schedule B):**Dioxins and furans, PCBs, pesticides (O.Reg. 169/03), silver (Ag), aluminum (Al), boron (B), barium (Ba), beryllium (Be), calcium (Ca), sodium (Na), magnesium (Mg), manganese (Mn), iron (Fe), total phosphorus (total P), conductivity, hydrogen sulfide, sulfate, BOD, total trihalomethanes (THM) |
| **Volatile Organic Compounds (VOCs)** –USEPA 624 purgeable hydrocarbons |

Landfill gas concentrations were measured on April 23, 2008 and November 26, 2008. Field measurements were made with a portable GasTech 1238ME, and readings were recorded at six (6) gas monitors, GM1 to GM6 (Figure 1).

## 2.2 SAMPLE COLLECTION AND LABORATORY ANALYSIS METHODOLOGY

Groundwater and surface water samples were collected in general accordance with the WM Sampling Guide (WM, 2004) which meets or exceeds the protocols and general principles prescribed in MOE (1996). Groundwater samples were collected using dedicated Waterra inertial lift pumps connected to dedicated polyethylene tubing. Between one and three casing volumes of water were removed from each monitoring well prior to the collection of groundwater samples. During purging, readings for pH, conductivity and temperature were recorded on a regular basis. The stabilization of the parameters was used to assess when well purging was complete. Low producing wells were purged dry and allowed to recover prior to sampling. If the monitoring well had not recovered sufficiently for sampling within 24 hours, the monitor was considered dry and a sample was not collected. Wells not sampled in 2008 as a result of insufficient water volume are summarized in Section 3.3.2.

Surface water samples were taken by using a 50 cc syringe and carefully collecting the surface water as not to disturb the bottom sediments. Surface water sampling locations were sampled from downstream to upstream to prevent any re-suspension of sediment impacting the downstream sampling locations. The pH, temperature, and conductivity of the surface water were obtained in the field at all surface water sampling points while minimizing disturbance of the bottom sediment.

All water samples were placed in bottles supplied and prepared by the laboratory. The samples were packed in coolers with ice and shipped by courier to the laboratory. All samples were analysed by Maxxam Laboratory of Mississauga, ON, which is accredited with the Canadian Association of Environmental Analytical Laboratories (CAEAL).

A Quality Assurance and Quality Control (QA/QC) program was followed during the study. It included the use of blind field duplicates, field blanks, equipment blanks and trip blanks to evaluate laboratory precision and the potential for false positives. Results of the program are discussed in Section 3.2.3.

# 3.0 MONITORING RESULTS

This section describes the results of the 2008 monitoring program. Background information concerning the site geology and hydrogeology is provided in order to place the most recent information into context.

## 3.1 SITE HYDROGEOLOGY

The water table is typically observed in the lower portion of the overburden and upper, weathered portion of the bedrock.

The natural variability in groundwater quality in some monitors across the site is exhibited by the presence of salinity (as defined by elevated chloride, electrical conductivity and other dissolved constituents), and naturally occurring hydrocarbon compounds, such as benzene, toluene, ethylbenzene and xylene (BTEX), at high concentrations.

The transition between highly saline, non-potable waters and overlying less saline groundwater is relatively abrupt, and the depth at which this transition takes place is variable across the site. It is inferred that there is little advective flow between the saline and fresher groundwater units. Groundwater occurrence has been previously defined in three hydrostratigraphic horizons (WESA, 2000):

- the shallow overburden/bedrock interface;
- the intermediate bedrock; and
- the deep bedrock.

The hydrogeological characteristics of these zones are described below. It is noted that WM and MOE are currently involved in evaluation of the site hydrogeologic conceptual model, thus the characteristics described below may be modified in the future as a result of the current work.

### *Shallow Overburden/Bedrock Interface Zone*

Bedrock topography for the site is shown on Figure 2; this surface was interpolated using all available bedrock elevation data derived from groundwater monitor construction records and from data collected during test pitting and trenching activities on site. Flow orientation in the overburden/shallow bedrock interface zone is similar to the slope of the surface topography as shown on Figures 3 and 4; the direction of shallow groundwater flow converges at local surface water features, namely Marysville Creek to the north of the landfill and Beechwood Ditch to the south of the site.

Groundwater elevations from monitoring wells screened within the overburden/bedrock interface zone and the intermediate bedrock zone were measured on June 27, 2008 and October 14, 2008. All groundwater elevations recorded at the site are included in Appendix A.

## Interpretation of shallow groundwater flow

The overburden/bedrock interface zone is the uppermost permeable groundwater flow zone and constitutes the primary pathway in the event of potential leachate migration away from the landfill. The shallow interface zone represents the earliest point at which a potential release from the facility would be detected based upon groundwater flow velocities and the relative unit continuity. The groundwater flow direction within the overburden/shallow bedrock interface zone can be inferred from the contoured surfaces shown on Figures 3 and 4. The potentiometric surfaces provided on these figures were contoured by interpolating water level data from shallow groundwater monitors screened within the overburden/shallow bedrock zone, considered to be representative of the shallow groundwater flow regime. The methodology used to identify water levels suitable for interpretation of the shallow groundwater flow direction was documented in the 2007 annual monitoring report (WESA, 2008a).

Groundwater within the shallow hydrostratigraphic unit flows south from the waste mound toward Beechwood Ditch, while north of the waste shallow groundwater flow is to the northwest, toward Marysville Creek. This indicates the presence of a local shallow groundwater divide that runs beneath the landfill trending approximately east-west and oriented parallel to Marysville Creek and Beechwood Ditch. There is convergence of shallow groundwater flow at Marysville Creek to the north, and Beechwood ditch on the south side of the site.

Bulk groundwater velocity was estimated for regions representing the primary groundwater pathways for potential leachate migration in the subsurface, specifically within the overburden/shallow bedrock unit north and south of the waste mound.

Hydraulic gradients ($i$) were derived graphically from the shallow potentiometric surfaces shown on Figures 3 and 4 for June 27 and October 14, 2008, respectively. The average horizontal hydraulic gradient measured between the northwest portion of the waste mound and Marysville creek was approximately 0.005 in June 2008 and approximately 0.001 in October 2008. Similarly, the horizontal hydraulic gradient measured in the overburden/shallow bedrock unit from the portion of the site located to the southwest of the waste mound towards Beechwood Ditch was 0.029 and 0.038 in June and October, 2008, respectively.

Hydraulic conductivity ($K$) of the overburden and shallow bedrock was compiled in WESA (2004). To the northwest of the waste mound the average hydraulic conductivity of the overburden and shallow bedrock was estimated between $1.43 \times 10^{-6}$ m/s and $1.17 \times 10^{-7}$ m/s, respectively. To the south of the waste mound, the hydraulic conductivity of the overburden and shallow bedrock was estimated to be $1.27 \times 10^{-6}$ m/s and $9.24 \times 10^{-9}$ m/s, respectively. Table 3 lists the estimated bulk groundwater velocities ($v$) for the overburden and the shallow bedrock using $v = K\,i\,/\,n$. An effective porosity of 0.35 and 0.0001 was assumed for the overburden and shallow bedrock respectively (WESA, 2004).

These calculated velocities are not necessarily representative of the true groundwater velocity at the site. Groundwater velocity in fracture networks is solely a function of fracture aperture, local and regional hydraulic gradients and fracture connectivity. In the case of the Richmond Landfill, site data suggest that poor fracture connectivity is prevalent in the bedrock. This statement is made based on the fact that the higher hydraulic conductivity test zones are not observed at the same depth in every borehole (some holes are completely tight) as would be expected for a consistently open bedding plane feature.

**Table 3: Estimated Groundwater Velocities**

| | | Overburden | Shallow Bedrock |
|---|---|---|---|
| | | Groundwater Velocity (m/a) | |
| North towards Marysville Creek | Spring | 0.6 | 180 |
| | Autumn | 0.1 | 37 |
| South towards Beechwood Ditch | Spring | 3.3 | 85 |
| | Autumn | 3.0 | 76 |

*Assuming a porosity (n) of 0.35 for the overburden and 0.0001 for the bedrock (WESA, 2004)*

### *Intermediate Bedrock Zone*

The intermediate bedrock groundwater zone is characterized by groundwater situated in the irregular and widely spaced fractures in the limestone at depths to 30 m and shallower, where fracture permeability is present. In limestone bedrock settings such as the material underlying the site, groundwater flow occurs along bedding planes, and through interconnected fractures or joint planes. Advective groundwater flow through the limestone matrix is not a significant component of total groundwater flow. A fracture zone was encountered at a depth of 18.5 to 21 metres in the immediate vicinity of the landfill (WESA, 2000). The hydraulic connection between this deeper zone of increased hydraulic conductivity and the overlying overburden/bedrock interface zone is limited; however, there may be areas on the site where there is some vertical connectivity. Bulk groundwater flow in the bedrock takes place primarily through horizontal bedding planes between strata of lower permeability limestone. Overall, the bedrock beneath the site is competent and is characterized by typically low to extremely low bulk hydraulic conductivity with a few areas of relatively higher permeability, as determined from hydrogeological investigations (e.g., WESA, 2000; WESA, 2008c).

The piezometric data for the intermediate bedrock zone is shown on Figures 5 and 6 for the June and October, 2008 monitoring events, respectively. The potentiometric values shown on these figures represent the groundwater elevations at all piezometers completed to a depth greater than 10 m into the bedrock and less than 30 mbgs. The potentiometric elevation measured across the site within this horizon is quite irregular, reflecting water levels intersecting fractures as well as low permeability portions of the bedrock not hydraulically connected to the

advective groundwater flow regime. A potentiometric surface was not contoured as a result of fluctuations in the data that reflect the lack of fracture interconnectivity and the differences in hydraulic heads between the matrix groundwater and fracture groundwater systems. The interpreted direction of groundwater flow in the intermediate bedrock is toward the south for both the spring and autumn, consistent with the regional groundwater flow direction.

### *Deep Bedrock Zone*

Groundwater within the bedrock at depths greater than 30 m is predominantly brackish to saline and is not considered to actively participate in the groundwater flow regime on-site. Hydraulic testing has identified a thick zone of very low permeability bedrock between approximately 20 and 27 mgbs. Regional hydraulic head information indicates that the regional direction of groundwater flow in the deep bedrock is toward the south.

## 3.2 LEACHATE AND GROUNDWATER CHEMISTRY

The groundwater chemistry is typically evaluated by comparing concentrations in samples collected at the site boundary to RU Limits calculated from site specific background groundwater quality. WM and MOE are currently engaged in technical consultations to improve the site hydrogeologic conceptual model, thus the approach and methodology used to establish site-specific assessment parameters and limits for the Richmond Landfill will be modified based on the revisions to the conceptual model. As a result of this and discussions with MOE on this report, analytical results for 2008 are not compared to RU Limits.

The leachate quality is described to provide background information regarding potential impacts to the groundwater. Results of monthly leachate sampling are included in Appendix E. The groundwater chemistry data can be found Appendix B and other organic constituents in Appendix C. These results are discussed below.

### *3.2.1 Leachate*

The raw leachate is characterized by elevated concentrations of alkalinity, ammonia, conductivity, DOC, hardness, toluene, TKN and selected VOCs for both the North and South Chamber samples. In general, the parameters that characterize the leachate are more elevated in the samples collected from the South Chamber.

### *3.2.2 Groundwater Quality*

A review of the groundwater quality data for 2008 shows results similar to 2007, which is consistent with historical data. The constituent concentrations in the wells located at the property boundaries show no evidence of leachate impact, thus no evidence of leachate

migration off site. Groundwater monitors that could not be sampled during the April 2008 sampling event because they were either dry or had insufficient recovery for sampling after purging are listed in Table 4.

Table 4: Groundwater Monitors not Sampled in 2008

| Groundwater Monitor | | | |
|---|---|---|---|
| M3A-2 | M4-3 | M46-1 | M51-1 |
| M4-1 | M29 | M49-3 | |
| M4-2 | M39 | M50-2 | |

### *3.2.3 Quality Assurance/Quality Control (QA/QC) Program*

An evaluation of the QA/QC data (from duplicate and blank samples) is included in Appendix F, where analytical results are compared between regular samples and their corresponding field duplicate samples, submitted to the laboratory without identifying the location they were collected from. A standard margin of error of 30% was deemed acceptable for field duplicates. In general, the comparison between samples and duplicates shows good correlation for the majority of analyzed constituents. For the field, trip, and equipment blanks, all analyzed parameters were below the laboratory method detection limit with the exception of toluene detections marginally above the laboratory method detection limit of 0.0002 or 0.0003 mg/L in three of the four trip blanks. Dissolved Organic Carbon (DOC) was detected in one field blank at a concentration of 0.2 mg/L which is marginally above the detection limit of 0.1 mg/L.

## 3.3 SURFACE WATER

The two water courses that may receive surface water/storm water runoff from the Richmond Landfill are Marysville Creek to the north of the waste mound and Beechwood Ditch to the south (Figure 1). The Beechwood Ditch is a man-made surface water course that flows from the south, across Beechwood Road onto WM property. It then flows west across a portion of the site before again crossing Beechwood Road and travelling southwest to cross County Road 10, and joins Marysville Creek east of Highway 49 and north of Highway 401. Both the Beechwood Ditch and Marysville Creek flow intermittently in the vicinity of the existing landfill. Marysville Creek has some base flow locally, and flows on a continuous basis west of County Road 10 (Deseronto Road). Marysville Creek eventually discharges into the Bay of Quinte at Hungry Bay.

WM and previous owners have sampled both upstream and downstream of the landfill on an annual or semi-annual basis since 1989. Surface water quality and flow rates are monitored at five stations along Marysville Creek (monitoring stations S1, S2, S3, S6, and S7), and at four stations near, or within Beechwood Ditch (monitoring stations S4, S5, S8 and S9). All surface water monitoring locations are shown on Figure 1. Upstream surface water quality is monitored

at this site from stations S1 and S2 for Marysville Creek, and from station S5 for Beechwood Ditch. Storm water runoff from the existing landfill area flows to one of three storm water sedimentation retention ponds, located to the northeast, northwest and southwest of the landfill footprint. A fourth pond receives runoff from the compost pad; however, there is no direct discharge from this pond to surface water. Water in this pond is used for processing compost or is circulated onto the landfill.

### *3.3.1 Surface Water Flow Rates*

Visual observations of surface water flow and general water characteristics for spring and autumn sampling programs are summarized in

**Table 5: Surface Water Characteristics 2008**

| Date | | Surface Water Station | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 |
| May. 15 2008 | Flow: | NM | 0.36 | 0.43 | Dry – no sample collected | NM | 0.66 | 0.40 | Dry – no sample collected | Dry – no sample collected |
| | Depth: | 0.25 | 0.14 | 0.17 | | 0.15 | 0.19 | 0.17 | | |
| | Width: | 1.75 | 1.5 | 0.93 | | 0.45 | 0.80 | 1.5 | | |
| Nov. 17, 2008 | Flow: | NM | 0.18 | 0.17 | NM | NM | NM | 0.40 | Dry – no sample collected | NM |
| | Depth: | 0.20 | 0.30 | 0.45 | 0.20 | 0.2 | 0.20 | 0.30 | | ~ 0.25 |
| | Width: | 3.5 | 2.0 | 2.5 | 0.75 | 0.5 | 2.0 | 2.5 | | ~ 0.10 |

*Note: Depth and Width were measured in metres; flow was measured in m/s.*
*NM: flow was insufficient to register on the flow meter*

### *3.3.2 Surface Water Chemistry*

The results of the surface water sampling program for 2008 are found in Appendix D. The surface water quality at the site was compared to the Provincial Water Quality Objectives (PWQO).

Several of the surface water sampling locations have historically yielded chemical parameters exceeding their respective PWQO, and the 2008 monitoring results generally indicate similar occurrences at both the upstream and downstream sampling locations (see Table 6). Sampling locations are listed in order from upstream to downstream along the Marysville Creek and the Beechwood Ditch water courses.

Aluminum has historically been detected at concentrations above the PWQO objective of 0.075 mg/L at several sampling locations, including the background locations (S1, S2 and S5). The landfill is not suspected as the source of aluminum because aluminum is not present in the leachate at elevated concentrations and given that aluminum concentrations are generally elevated at the background (upstream) surface water sampling locations. Aluminum exceeded

PWQO at four of the five sampling locations along Marysville Creek in spring sampling and at all five sampling locations in the autumn sampling. The highest aluminum concentration was at the upstream locations, either S1 or S2, for both the spring and autumn sampling rounds. Similarly, aluminum concentrations exceeded the PWQO for all samples collected along Beechwood Ditch. The highest concentration was at location S5, located upstream of the landfill. Aluminum concentrations from 2008 are within the range of historic values recorded at upstream locations (0.01 mg/L to 0.8 mg/L) (Appendix D).

The surface water locations often have low flow and/or small water discharge volumes, making it difficult to collect a sample without disturbing the sediment material on the bottom of the creek bed. Syringe sampling was used to collect surface water samples to minimize possible impact from sediment material. Aluminum is susceptible to elevated concentrations if solid materials are present in the sample.

Similar to aluminum, total phosphorus has historically been detected at concentrations above the PWQO objective (0.03 mg/L) at background locations, as well as downstream from the landfill site. In 2008, total phosphorus concentrations were similar at upstream and downstream locations along Marysville Creek (<0.03 to 0.08 mg/L). The highest concentration (0.08 mg/L) was measured at the upstream sampling location S2. No trend of increasing phosphorous is present along Marysville Creek. Phosphorous exceeded the PWQO objective for all samples collected along Beechwood Ditch watercourse. Concentrations ranged from 0.16 mg/L (S9) to 0.05 mg/L (S4). S9 is positioned upstream from the inlet of the Southwest Sedimentation Pond. The concentration at the upstream location (S5) was higher than the concentration at S4 where the Beechwood Ditch exits the site property.

Iron concentrations have historically been observed to be highly variable and are not attributable to the landfill. Iron concentrations exceeding the PWQO objective (0.3 mg/L) were observed at both upstream locations (S1 and S2) along Marysville Creek and also at S5, the upstream location along Beechwood Ditch.

Copper exceeded the PWQO objective (0.005 mg/L) with a concentration of 0.017 mg/L at location S9 for the autumn sampling. Location S9 is located upstream of the SW Sedimentation pond and monitors water quality of storm water runoff that is captured by the pond.

## Table 6: Summary of Surface Water Monitoring 2008

| Surface Water Location | Sampling Date | Aluminum mg/L | Arsenic mg/L | Beryllium mg/L | Cadmium mg/L | Chromium mg/L | Copper mg/L | Cyanide (free) mg/L | Field pH | Iron mg/L | Lead mg/L | Mercury mg/L | Nickel mg/L | Phenols mg/L | Phosphorus (total) mg/L | Selenium mg/L | Silver mg/L | Unionized Ammonia mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ***PWQO*** | | *0.075* | *0.1* | *1.1* | *0.0002* | *0.1* | *0.005* | *0.005* | *6.5-8.5* | *0.3* | *0.025* | *0.0002* | *0.025* | *0.001* | *0.03* | *0.1* | *0.0001* | *0.02* | *0.03* |
| **Marysville Creek** | | | | | | | | | | | | | | | | | | | |
| ***Upstream*** | | | | | | | | | | | | | | | | | | | |
| S1 | 15-May-08 | 0.06 | < 0.001 | < 0.0006 | < 0.0001 | < 0.005 | < 0.002 | < 0.002 | 7.73 | 0.22 | < 0.0005 | < 0.0002 | < 0.001 | < 0.001 | < 0.03 | < 0.005 | < 0.0001 | < 0.02 | < 0.01 |
| S1 | 17-Nov-08 | 0.47 | < 0.001 | < 0.0006 | < 0.0001 | < 0.005 | 0.004 | < 0.002 | 7.38 | 0.35 | < 0.0005 | < 0.0002 | < 0.001 | < 0.001 | 0.03 | < 0.005 | < 0.0001 | < 0.02 | < 0.01 |
| S2 | 15-May-08 | 0.14 | < 0.001 | < 0.0006 | < 0.0001 | < 0.005 | < 0.002 | < 0.002 | 7.62 | 0.31 | < 0.0005 | < 0.0002 | < 0.001 | < 0.001 | 0.08 | < 0.005 | < 0.0001 | < 0.02 | < 0.01 |
| S2 | 17-Nov-08 | 0.12 | < 0.001 | < 0.0006 | < 0.0001 | < 0.005 | 0.003 | < 0.002 | 7.31 | 0.11 | < 0.0005 | < 0.0002 | < 0.001 | < 0.001 | < 0.03 | < 0.005 | < 0.0001 | < 0.02 | < 0.01 |
| ***Downstream*** | | | | | | | | | | | | | | | | | | | |
| S6 | 15-May-08 | 0.13 | < 0.001 | < 0.0006 | < 0.0001 | < 0.005 | < 0.002 | < 0.002 | 7.62 | 0.3 | < 0.0005 | < 0.0002 | < 0.001 | < 0.001 | < 0.06 | < 0.005 | < 0.0001 | < 0.02 | < 0.01 |
| S6 | 17-Nov-08 | 0.35 | < 0.001 | < 0.0006 | < 0.0001 | < 0.005 | 0.003 | < 0.002 | 7.57 | 0.25 | < 0.0005 | < 0.0002 | < 0.001 | < 0.001 | < 0.03 | < 0.005 | < 0.0001 | < 0.02 | < 0.01 |
| S7 | 15-May-08 | 0.1 | < 0.001 | < 0.0006 | < 0.0001 | < 0.005 | < 0.002 | < 0.002 | 7.72 | 0.28 | < 0.0005 | < 0.0002 | < 0.001 | < 0.001 | 0.06 | < 0.005 | < 0.0001 | < 0.02 | < 0.01 |
| S7 | 17-Nov-08 | 0.33 | < 0.001 | < 0.0006 | < 0.0001 | < 0.005 | 0.003 | < 0.002 | *7.54* | 0.23 | < 0.0005 | < 0.0002 | < 0.001 | < 0.001 | < 0.03 | < 0.005 | < 0.0001 | *< 0.02* | < 0.01 |
| S3 | 15-May-08 | 0.081 | < 0.001 | < 0.0006 | < 0.0001 | < 0.005 | < 0.002 | < 0.002 | 7.92 | 0.22 | < 0.0005 | < 0.0002 | < 0.001 | < 0.001 | 0.04 | < 0.005 | < 0.0001 | < 0.02 | < 0.01 |
| S3 | 17-Nov-08 | 0.32 | < 0.001 | < 0.0006 | < 0.0001 | < 0.005 | 0.002 | < 0.002 | 7.83 | 0.23 | < 0.0005 | < 0.0002 | < 0.001 | < 0.001 | < 0.03 | < 0.005 | < 0.0001 | < 0.02 | < 0.01 |
| **Beechwood Ditch** | | | | | | | | | | | | | | | | | | | |
| ***Upstream*** | | | | | | | | | | | | | | | | | | | |
| S5 | 15-May-08 | 0.55 | < 0.001 | < 0.0006 | < 0.0001 | < 0.005 | < 0.002 | < 0.002 | 7.6 | 0.56 | 0.0005 | < 0.0002 | < 0.001 | < 0.001 | 0.12 | < 0.005 | < 0.0001 | < 0.02 | 0.015 |
| S5 | 17-Nov-08 | 0.14 | < 0.001 | < 0.0006 | < 0.0001 | < 0.005 | < 0.002 | < 0.002 | 7.63 | < 0.1 | < 0.0005 | < 0.0002 | < 0.001 | < 0.001 | 0.03 | < 0.005 | < 0.0001 | < 0.02 | < 0.01 |
| ***Downstream*** | | | | | | | | | | | | | | | | | | | |
| S9 | 15-May-08 | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* |
| S9 | 17-Nov-08 | 0.36 | 0.005 | < 0.0006 | < 0.0001 | < 0.005 | 0.017 | < 0.002 | 7.71 | 0.28 | 0.0013 | < 0.0002 | 0.009 | < 0.001 | 0.16 | < 0.005 | < 0.0001 | < 0.02 | 0.014 |
| S4 | 15-May-08 | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* |
| S4 | 17-Nov-08 | 0.11 | < 0.001 | < 0.0006 | < 0.0001 | < 0.005 | 0.002 | < 0.002 | 7.6 | < 0.1 | < 0.0005 | < 0.0002 | 0.003 | < 0.001 | 0.05 | < 0.005 | < 0.0001 | < 0.02 | < 0.01 |
| S8 | 15-May-08 | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* |
| S8 | 07-Nov-07 | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* | *Dry* |

*Shaded values exceed corresponding PWQO*
*NM: no field measurement. Water depth was insufficient for instrumentation*
*DRY: No surface water present at sampling location*

## 3.4 SUBSURFACE GAS SAMPLING

On April 23 and November 26, 2008, WESA inspected the subsurface gas monitoring probes and obtained measurements where possible. Measurements were made using a RKI Eagle probe calibrated to methane gas response. The location and condition of the gas monitors and the measurement results are shown in Table 7.

**Table 7: Subsurface Gas Monitor Results**

| Gas Monitor | Location | Reading (ppm) | |
|---|---|---|---|
| | | *13-Apr-08* | *26-Nov-08* |
| GM1 | North of garage area, south of waste mound | 0 | 50 |
| GM2 | West of waste mound, near compost area | *NM* | *NM* |
| GM3 | North-east corner of waste mound | 25 | 25 |
| GM4-1 | South-east corner of waste mound | 0 | 0 |
| GM4-2 | | 0 | 0 |
| GM5 | North-west corner of waste mound | 25 | 0 |
| GM6 | North of waste mound | 0 | 0 |

*NM – Not Measured. GM2 has been destroyed and is no longer accessible.*

All readings were 0 ppm with the exception of GM3 and GM5 (spring only). These values are considerably lower than the lower explosive limit for methane (50,000 ppm).

## 3.5 METEOROLOGICAL DATA

The monthly precipitation and mean temperatures recorded at C.F.B. Trenton for 2007 and 2008 along with historic mean climate data are summarized in Table 8 from Meteorological data reports from Environment Canada Atmospheric Environment Services Trenton Weather Station, included in Appendix G.

Table 8: Summary of 2007-2008 Meteorological Data, CFB Trenton

| Month | Mean Temperature (°C) | | | Total Precipitation (mm) | | |
|---|---|---|---|---|---|---|
| | 2007 | 2008 | 1971-2000* | 2007 | 2008 | 1971-2000* |
| JAN | -4.4 | -3.4 | **-7.5** | 54.5 | 60.8 | **70.1** |
| FEB | -9.3 | -6.4 | **-6.3** | 26.5 | 118.3 | **54** |
| MAR | -1.0 | -3.4 | **-1.0** | 39.6 | 107.1 | **72.4** |
| APR | 5.7 | 8.5 | **6.1** | 79.8 | 78.8 | **77.1** |
| MAY | 12.7 | 11.5 | **12.7** | 73.2 | 115.1 | **71.6** |
| JUN | 19.3 | 19.2 | **17.6** | 37.9 | 82.5 | **79.5** |
| JUL | 19.7 | 20.6 | **20.5** | 81.9 | 101.7 | **56.1** |
| AUG | 20.6 | 19.1 | **19.4** | 28.5 | 112.5 | **77.1** |
| SEP | 16.7 | 15.9 | **14.8** | 22.2 | 74.9 | **87.6** |
| OCT | 12.2 | 8.3 | **8.3** | 62.8 | 92.7 | **76.0** |
| NOV | 1.9 | 2.5 | **2.6** | 87.5 | 79.2 | **91.8** |
| DEC | -4.7 | -3.7 | **-4.0** | 103.4 | 112.9 | **80.4** |
| **Avg/Total** | **7.5** | **7.4** | **6.9** | **697.8** | **1137.4** | **893.7** |

**30 year normal has been calculated using data collected between 1971 and 2000*
*From Environment Canada Atmospheric Environment Services Trenton Weather Station.*

## 4.0 SUMMARY

During 2008, the monitoring program included the collection of groundwater samples in May and November, 2008, in accordance with the site groundwater monitoring requirements.

Water levels were measured at all monitoring wells on June 27 and October 14, 2008.

Fifty-five (55) groundwater monitors were sampled from 31 locations during the spring groundwater sampling event. A total of 15 Quality Assurance/Quality Control (QA/QC) samples were also collected. Thirteen (13) groundwater samples from seven (7) separate locations were collected as part of the autumn groundwater sampling event. A total of four (4) QA/QC samples were also.

Surface water samples were collected on May 15 and November 17, 2008. Of the nine surface water locations in the monitoring program six (6) spring (S4, S8 and S9 were dry) and eight (8) locations were sampled in the autumn (S8 was dry)). Leachate samples were collected on a monthly basis from the North Chamber and in the spring and autumn from the South Chamber in 2008.

The groundwater monitoring data were analyzed to determine any changes in the leachate indicator concentrations at the site boundaries. Monitoring data were also used to determine if the landfilling operations have impacted nearby surface water quality. Subsurface gas concentrations detected in on-site monitoring wells were either non-detected or low concentrations.

## 5.0 CONCLUSIONS

### Groundwater

Groundwater quality data from 2008 are consistent with historical results and indicate no off-site migration of leachate impacted groundwater.

### Surface Water

Similar to historic surface water quality, concentrations of aluminum, phosphorous (total) and iron exceeded their respective PWQO objectives during 2008 at some upstream and downstream locations in Marysville Creek and Beechwood Ditch. The concentrations observed are within the range of historical monitoring results. Copper exceeded the PWQO objective in the November 17, 2008 sample from location S9 which is located on-site, upstream of the South West Sedimentation Pond. The continuing sampling of Marysville Creek indicates that the landfill is not impacting the water quality of this creek.

### Leachate

Leachate quality for samples collected from the North and South Chambers in 2008 was similar to historical values. The parameters that characterize the leachate from the North and South Chambers are similar but generally more elevated in the samples collected from the South Chamber.

Respectfully submitted,

Phil Tibble, M.Sc., P.Geo.
Hydrogeologist

François A. Richard, Ph.D., P.Geo.
Senior Hydrogeologist

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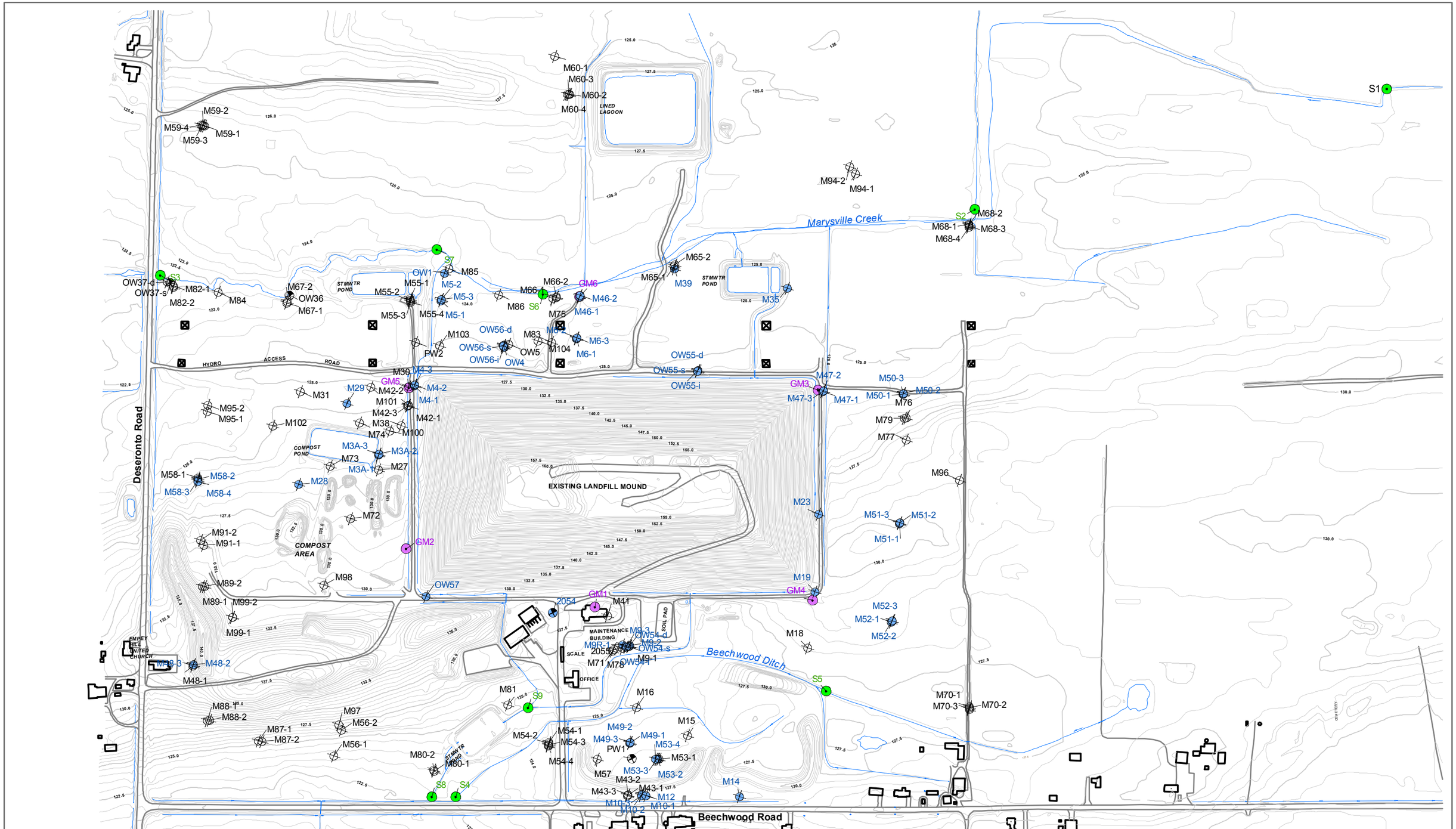
List of Figures




**WASTE MANAGEMENT**
**RICHMOND LANDFILL**

**Figure 1:**
**Site Plan**

**LEGEND**

- Groundwater Monitor Included in 2008 Monitoring Program
- Groundwater Monitor
- Open Borehole Included in 2008 Monitoring Program
- Open Borehole
- Surface Water Monitoring Location
- Gas Monitoring Location
- Hydro Tower
- Contour Lines

**Project : K-B6706-4**
**Data Source: WM Canada, WESA, HPA Ltd.**
**Date: March 26, 2009**

0 12.5 25 50 75 100
Meters

**Prepared by:**
**WESA Geomatics**

**Units:**
**UTM NAD 83 Zone 18**

**Scale: 1:5000**

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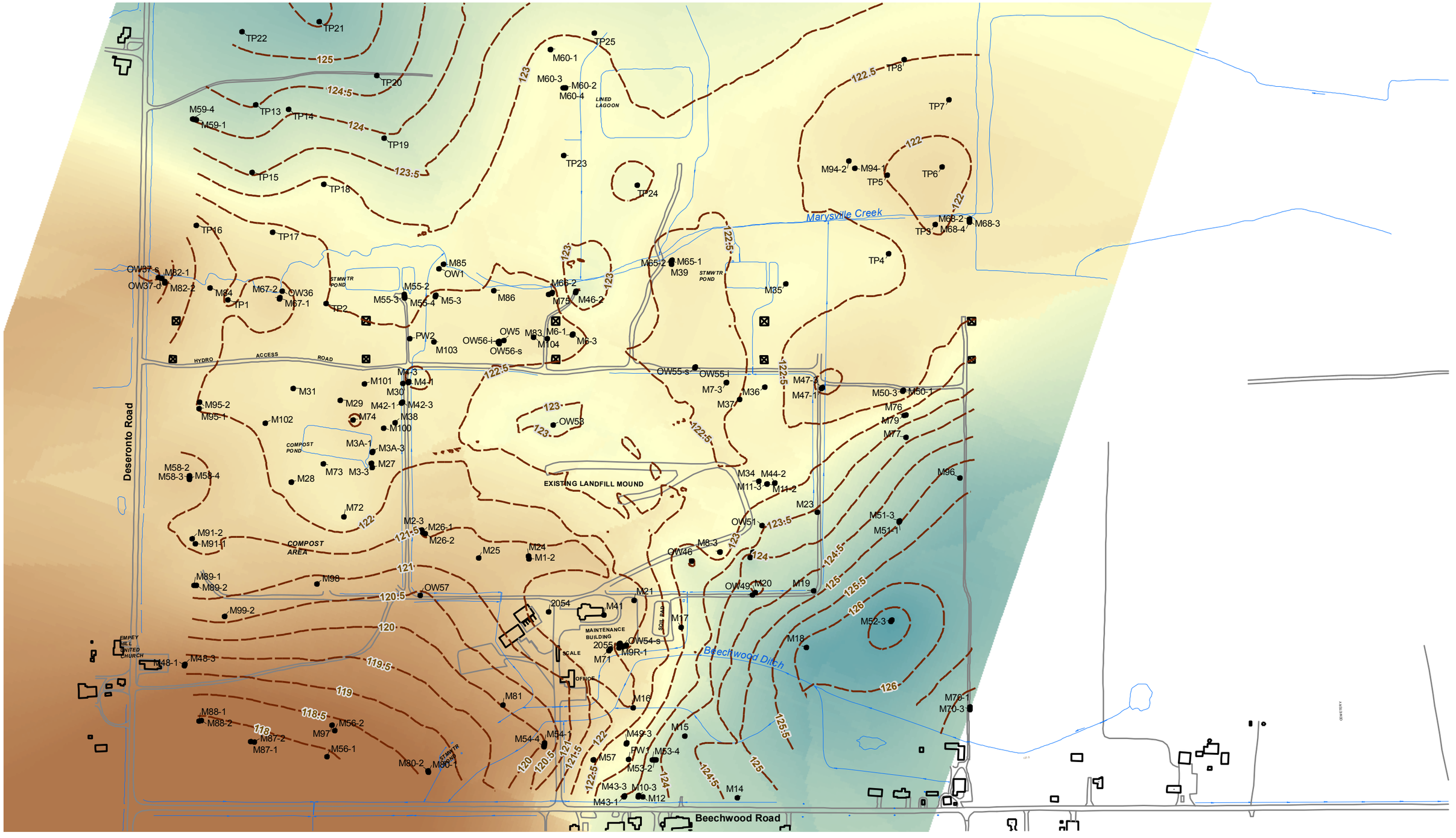
WM
WASTE MANAGEMENT




**WASTE MANAGEMENT**
**RICHMOND LANDFILL**

**Figure 2:**
**Bedrock Surface Elevation**

**LEGEND**

- Bedrock Elevation Location
- Bedrock Contours

**Bedrock Elevation (masl)**
**Value**
**High : 127.541**
**Low : 117.507**

**Project : K-B6706-4**
**Data Source: WM Canada, WESA, HPA Ltd.**
**Date: March 26, 2009**

0 12.5 25 50 75 100
Meters

**Prepared by:**
**WESA Geomatics**

**Units:**
**UTM NAD 83 Zone 18**

**Scale: 1:5000**

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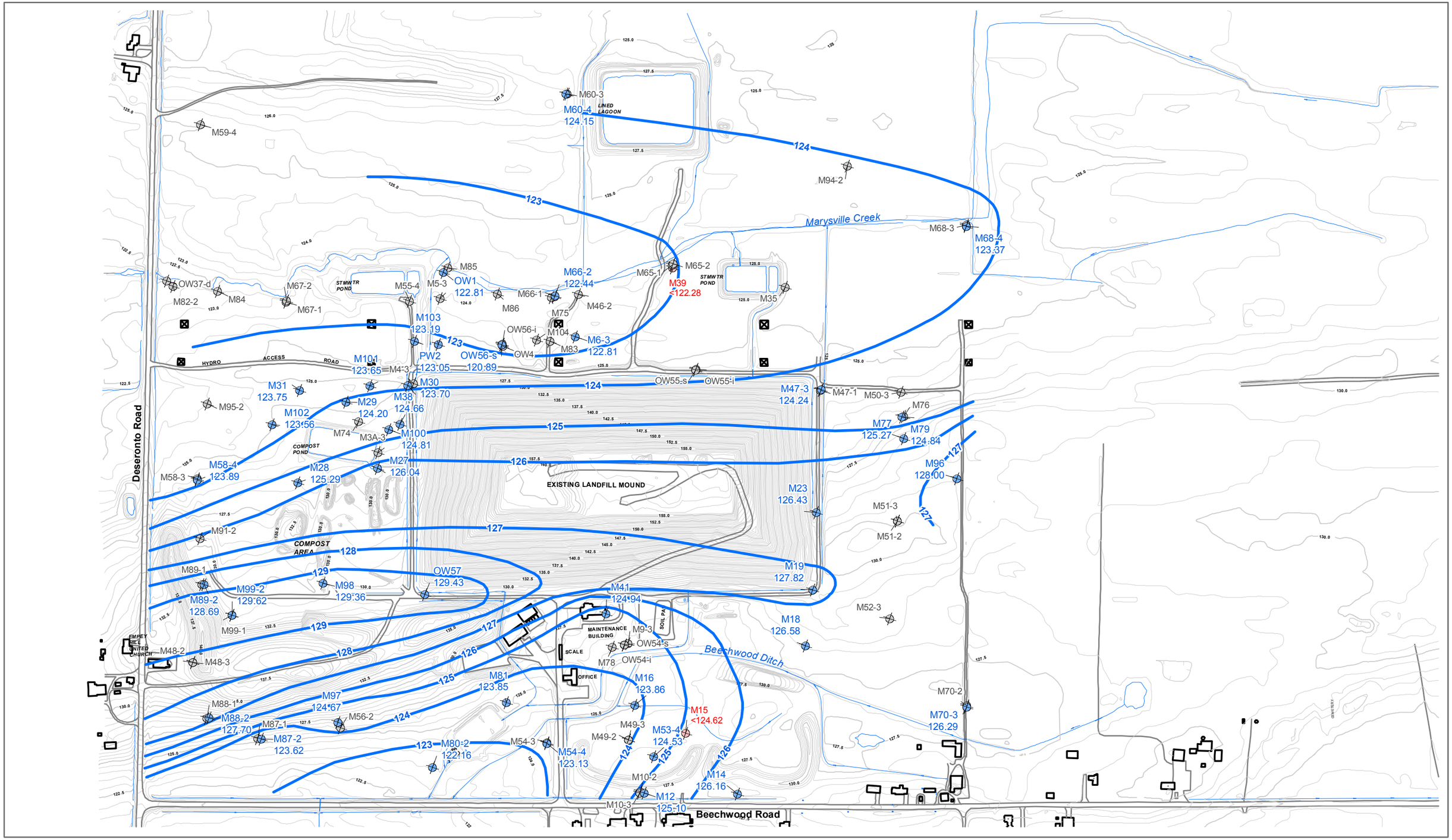


**WASTE MANAGEMENT**
**RICHMOND LANDFILL**

**Figure 3:**
**Overburden/Shallow Bedrock Potentiometric Surface**
**June 27, 2008**

**LEGEND**

- M81 124.55 — Shallow Groundwater Monitor Groundwater Elevation (masl)
- M81 — Shallow Groundwater Monitor
- M52-3 <122.28 — Dry Shallow Groundwater Monitor
- Hydro Tower
- Contour Lines

**Project : K-B6706-4**
**Data Source: WM Canada, WESA, HPA Ltd.**
**Date: March 26, 2009**

0 12.5 25 50 75 100 Meters

**Prepared by:**
**WESA Geomatics**

**Units:**
**UTM NAD 83 Zone 18**

**Scale: 1:5000**

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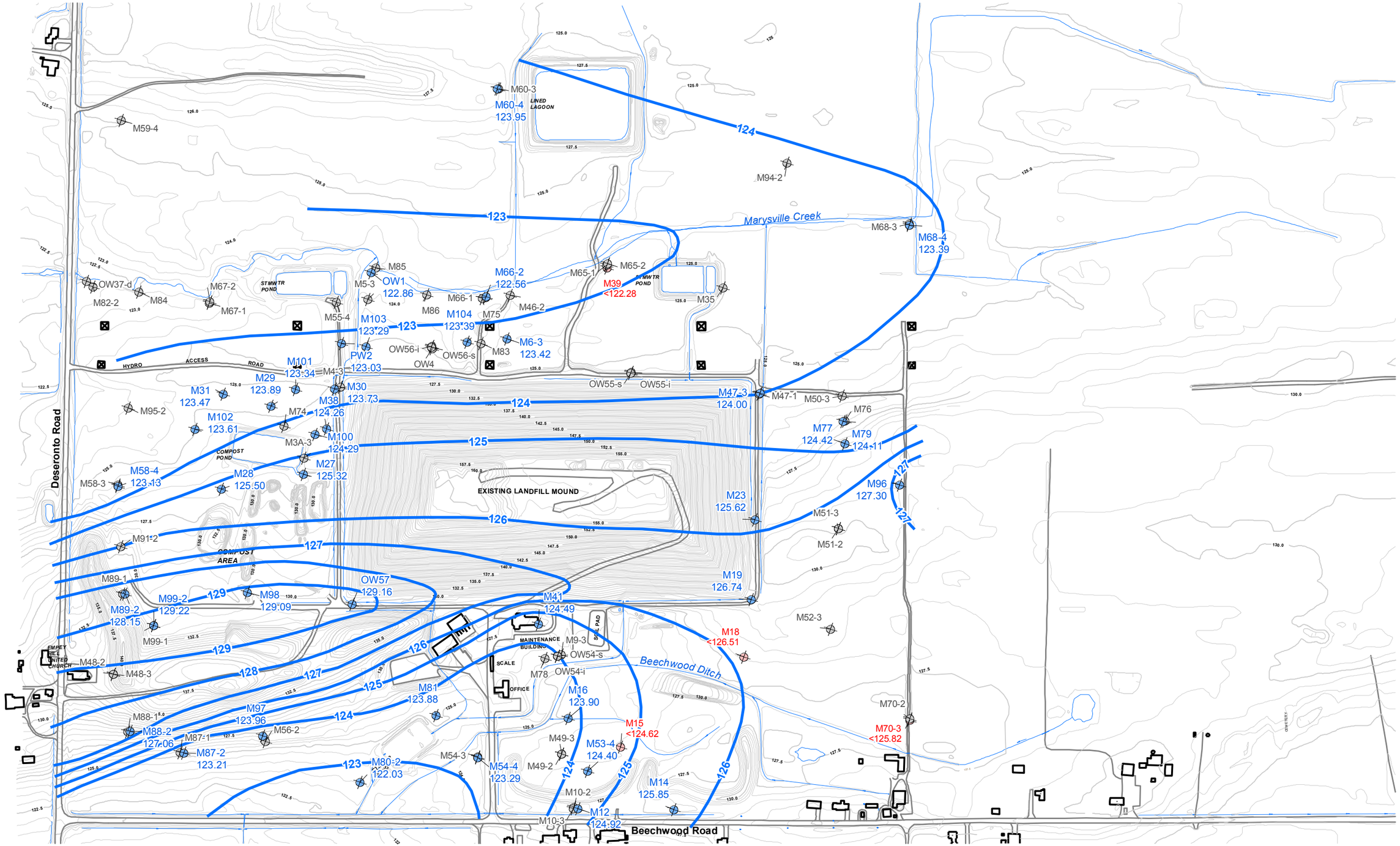


**WASTE MANAGEMENT**
**RICHMOND LANDFILL**

**Figure 4:**
**Overburden/Shallow Bedrock Potentiometric Surface**
**October 14, 2008**

**LEGEND**

- M81 / 124.55 — Shallow Groundwater Monitor, Groundwater Elevation (masl)
- M81 — Shallow Groundwater Monitor
- M52-3 / <122.28 — Dry Shallow Groundwater Monitor
- Hydro Tower
- Contour Lines

**Project : K-B6706-4**
**Data Source: WM Canada, WESA, HPA Ltd.**
**Date: March 26, 2009**

0 12.5 25 50 75 100 Meters

**Prepared by:**
**WESA Geomatics**

**Units:**
**UTM NAD 83 Zone 18**

**Scale: 1:5000**

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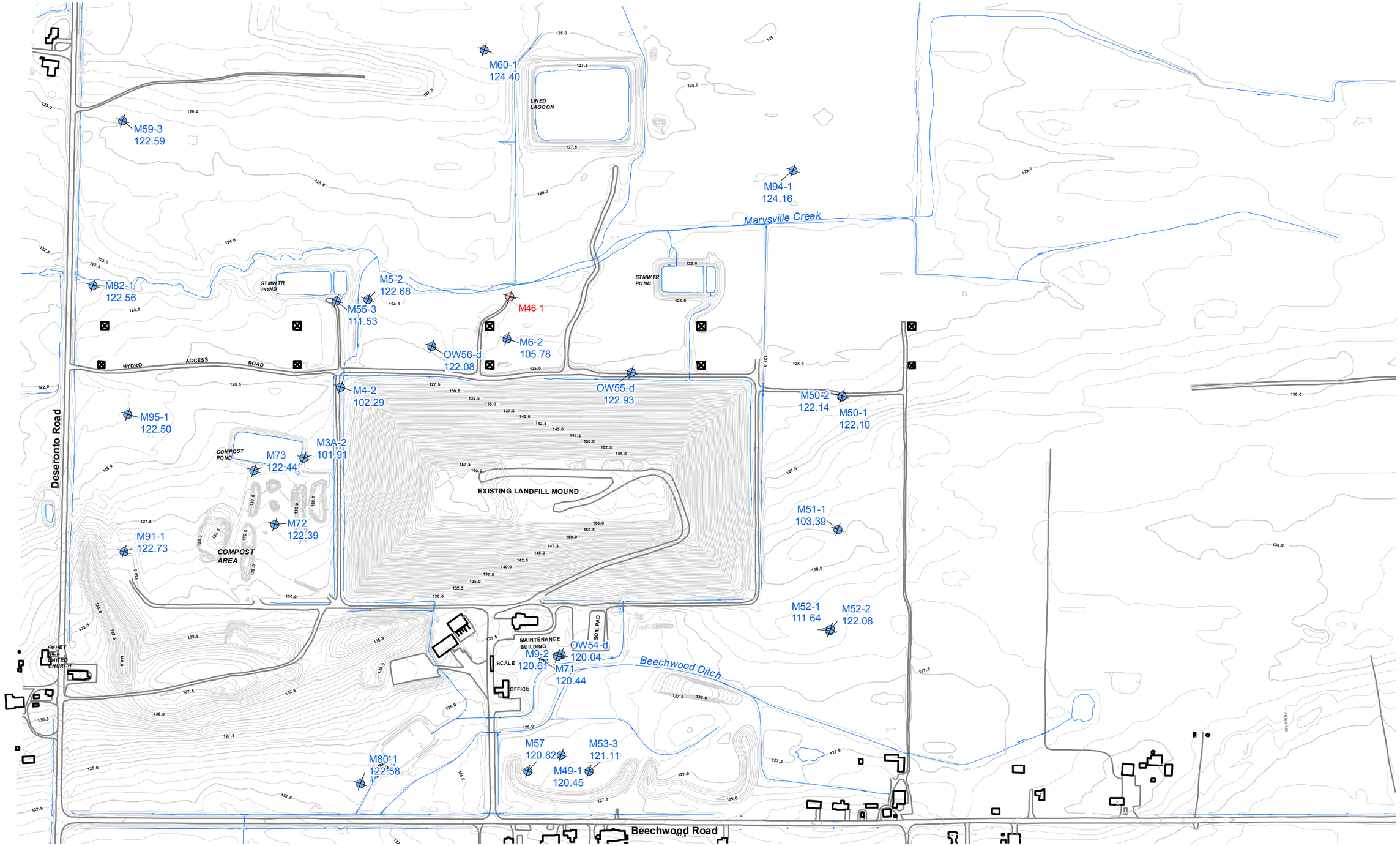


**WASTE MANAGEMENT**
**RICHMOND LANDFILL**

**Figure 5:**
**Intermediate Bedrock Groundwater Elevations**
**June 27, 2008**

**LEGEND**

- M81 124.55 — Intermediate Groundwater Monitor Groundwater Elevation (masl)
- M52-3 — Dry Shallow Groundwater Monitor
- Hydro Tower
- Contour Lines

**Project : K-B6706-4**
**Data Source: WM Canada, WESA, HPA Ltd.**
**Date: March 26, 2009**

0 12.5 25 50 75 100
Meters

**Prepared by:**
**WESA Geomatics**

**Units:**
**UTM NAD 83 Zone 18**

**Scale: 1:5000**

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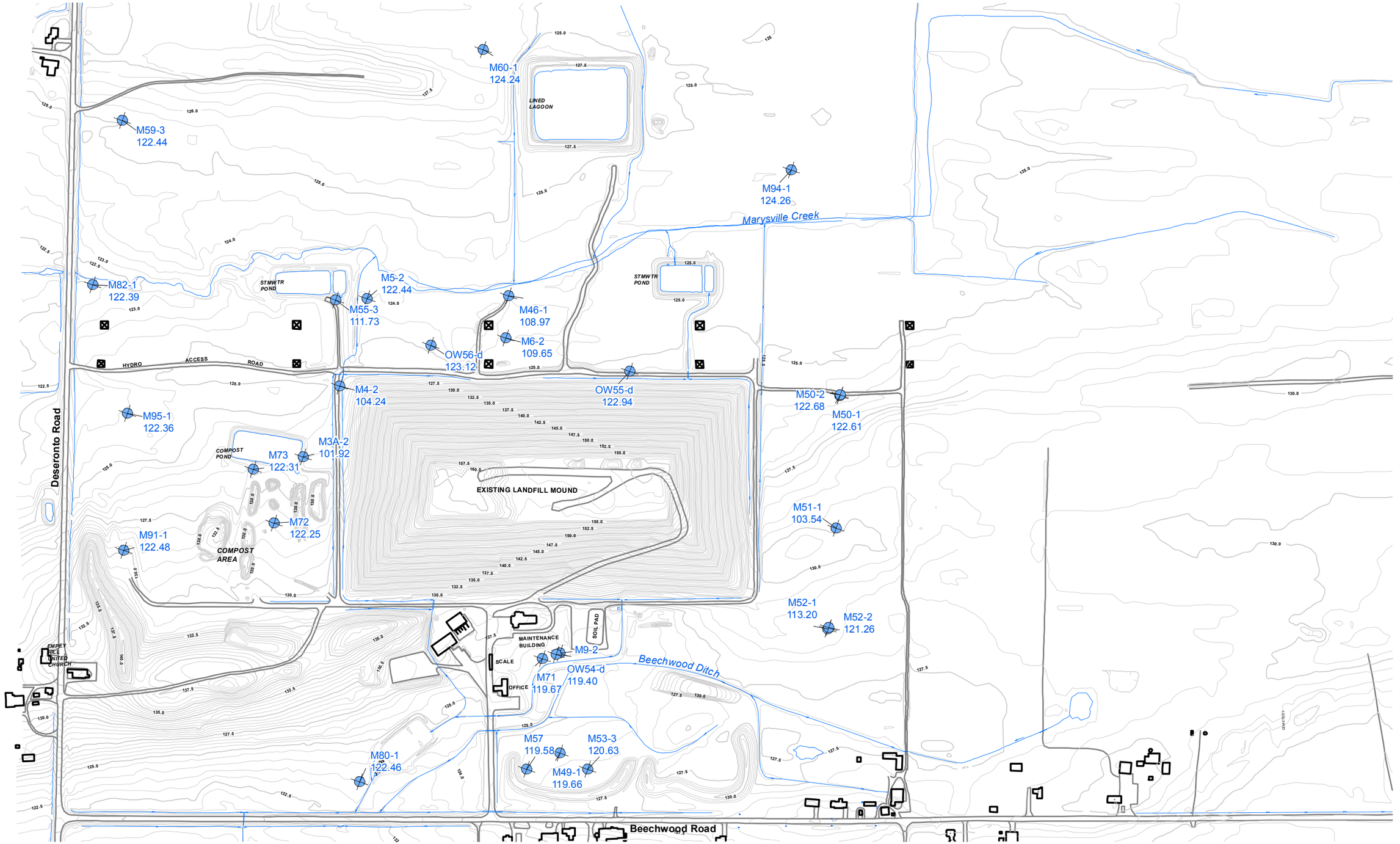
WASTE MANAGEMENT




**WASTE MANAGEMENT**
**RICHMOND LANDFILL**

**Figure 6:**
**Intermediate Bedrock Groundwater Elevations**
**October 14, 2008**

**LEGEND**

M81 124.55 — Intermediate Groundwater Monitor Groundwater Elevation (masl)

Hydro Tower

Contour Lines

**Project : K-B6706-4**
**Data Source: WM Canada, WESA, HPA Ltd.**
**Date: March 26, 2009**

0 12.5 25 50 75 100 Meters

**Prepared by:**
**WESA Geomatics**

**Units:**
**UTM NAD 83 Zone 18**

**Scale: 1:5000**

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# Appendix A

## Water Level Data

| Name | Units | 5/30/91 | 5/31/91 | 7/24/91 | 10/08/91 | 9/21/92 | 5/04/93 | 7/05/94 | 4/17/95 | 11/02/95 | 3/04/96 | 4/03/96 | 11/11/96 | 5/05/97 | 10/21/97 | 6/18/98 | 11/17/98 | 3/24/99 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2054 | masl | | | | | | | | 125.29 | | 125.36 | | 125.65 | 125.53 | | 125.21 | 124.92 | 125.39 |
| 2055 | masl | | | | | | | | | | | | | | | | | |
| M1-1 | masl | 125.62 | 125.44 | 108.05 | 117.96 | 118.01 | 123.18 | 122.83 | 122.90 | | 122.92 | | | 123.49 | | | | |
| M1-2 | masl | 124.95 | 124.89 | 125.72 | 125.11 | 124.88 | 125.15 | 125.03 | 125.14 | | 125.03 | | | 125.29 | | | | |
| M2-1 | masl | 123.39 | 123.39 | 122.75 | 122.56 | 123.64 | 123.40 | 123.14 | 123.25 | | 123.45 | | | 123.58 | 122.64 | | | |
| M2-2 | masl | 128.10 | 127.92 | 121.76 | 121.99 | 113.03 | 119.18 | 114.72 | 115.96 | | 125.47 | | | 123.84 | 123.89 | | | |
| M2-3 | masl | | | 126.32 | 126.14 | 126.36 | 127.09 | 126.41 | 126.88 | | 125.60 | | | 124.59 | 126.19 | | | |
| M3-1 | masl | | 124.84 | | | | | | | | | | | | | | | |
| M3-2 | masl | | 126.79 | | | | | | | | | | | | | | | |
| M3-3 | masl | | 125.55 | | | | | | | | | | | | | | | |
| M3A-1 | masl | | | | | 112.89 | 122.07 | | 123.06 | | 123.49 | | | 123.64 | 121.64 | 109.32 | 117.33 | |
| M3A-2 | masl | | | | | 102.04 | 103.74 | | 102.14 | | 101.84 | | | 101.78 | | 101.60 | 101.53 | |
| M3A-3 | masl | | | | | 124.79 | 125.40 | | 124.90 | | 125.36 | | | 125.30 | 125.22 | 124.78 | 124.55 | |
| M4-1 | masl | | | 95.44 | 95.45 | 99.09 | 119.91 | 95.31 | 95.34 | | 95.29 | | | | 95.25 | | 95.42 | |
| M4-2 | masl | | | 104.47 | 103.89 | 102.31 | 121.71 | 102.01 | 102.13 | | 102.11 | | | | 102.12 | 101.98 | 102.11 | |
| M4-3 | masl | | | 123.32 | 123.23 | 123.41 | 123.16 | 123.14 | 123.04 | | 123.09 | | | 123.25 | 123.53 | 122.89 | 123.18 | |
| M5-1 | masl | | | 95.89 | 113.12 | 102.39 | 121.89 | 121.93 | 121.71 | | 121.98 | | | 122.11 | 120.01 | | 119.89 | 121.48 |
| M5-3 | masl | | | 123.23 | 123.22 | 123.30 | 122.97 | 123.01 | 122.89 | | 121.06 | | | 122.73 | 123.49 | | 123.18 | 122.83 |
| M6-1 | masl | | | 93.95 | 93.99 | 98.88 | 102.72 | 93.96 | 94.40 | | 104.73 | | | 95.29 | 94.54 | 94.70 | 95.08 | 95.46 |
| M6-2 | masl | | | 100.33 | 100.44 | 119.84 | 117.69 | 110.91 | 112.09 | | 111.59 | | | 113.01 | 109.84 | 108.50 | 110.07 | 111.48 |
| M6-3 | masl | | | 122.51 | 122.97 | 122.71 | 101.33 | 122.71 | 122.89 | | 122.76 | | | 122.95 | 123.19 | 122.78 | 123.00 | 123.20 |
| M7-1 | masl | | | 120.93 | 121.84 | 122.94 | 123.91 | | | | | | | | 95.51 | | | |
| M7-2 | masl | | | 121.98 | 122.47 | 122.95 | 123.09 | | | | | | | | 119.23 | | | |
| M7-3 | masl | | | 120.99 | 121.90 | | 122.40 | | | | | | | | 119.42 | | | |
| M8-1 | masl | 119.54 | 119.48 | 118.18 | 115.85 | 120.34 | 120.85 | 118.99 | 120.10 | | | | | | | | | |
| M8-2 | masl | 121.74 | 121.74 | 110.14 | 110.44 | 110.45 | 110.96 | 110.72 | 112.85 | | | | | | | | | |
| M8-3 | masl | 121.44 | 121.30 | 120.63 | 119.53 | | 122.33 | 120.80 | 121.07 | | | | | | | | | |
| M9-1 | masl | 120.51 | 120.53 | 98.09 | 98.77 | 101.46 | 120.64 | 95.04 | | | 101.59 | | | 102.10 | | | | 95.01 |
| M9-2 | masl | 119.50 | 119.49 | 118.23 | 115.76 | 120.40 | 124.27 | 119.07 | 120.34 | | 121.04 | | | 122.33 | | 118.91 | 118.34 | |
| M9-3 | masl | | | 118.35 | 116.16 | 120.49 | 121.05 | 119.30 | 120.52 | | 121.08 | | | 122.43 | | 119.06 | 118.42 | 121.79 |
| M9R-1 | masl | | | | | | | | | | | | | | | | | |
| M10-1 | masl | 119.37 | 119.34 | 118.09 | 115.52 | 120.60 | 120.55 | 118.77 | 120.15 | | 120.88 | | | 121.99 | 118.64 | 118.70 | 118.21 | 121.49 |
| M10-2 | masl | 125.95 | 125.59 | 113.18 | 113.57 | 119.89 | 120.83 | 120.04 | 120.68 | | 120.95 | | | 121.92 | 118.90 | 118.92 | 118.23 | 121.45 |
| M10-3 | masl | 124.41 | 124.35 | 118.27 | 118.33 | 119.10 | 120.69 | 119.06 | 120.36 | | 120.91 | | | 121.98 | 118.70 | 118.92 | 118.27 | 121.49 |
| M11-1 | masl | 125.41 | 125.41 | 94.94 | 94.96 | | | | | | | | | | | | | |
| M11-2 | masl | 122.33 | 122.33 | 102.73 | 102.75 | 119.60 | 122.56 | | | | | | | | | | | |
| M11-3 | masl | 121.80 | 121.73 | 121.28 | 120.75 | 120.95 | 122.04 | | | | | | | | | | | |
| M12 | masl | | | 124.58 | 124.48 | 125.71 | 125.55 | 125.24 | 125.47 | 125.60 | | 125.44 | | 125.89 | 125.21 | 125.16 | 124.44 | |
| M13 | masl | | | 123.75 | 123.83 | 124.47 | 124.20 | 124.34 | 124.39 | 124.27 | | 124.54 | | | | | | |
| M14 | masl | | | 125.27 | | 126.95 | 126.86 | 126.19 | 126.68 | 126.84 | | 126.46 | | 124.07 | | 125.95 | 124.77 | 126.69 |
| M15 | masl | | | | | 125.40 | 125.06 | | 125.05 | 125.40 | | | | 122.21 | 124.70 | 124.57 | | 124.60 |
| M16 | masl | | | 123.46 | 123.92 | 124.13 | 123.93 | | | 124.32 | | 124.33 | | 121.29 | 123.93 | 123.84 | 123.65 | 124.66 |
| M17 | masl | | | 123.19 | | 124.24 | 124.49 | | | | | 123.85 | | 121.61 | 123.57 | 123.58 | 123.05 | 124.62 |
| M18 | masl | | | | | 127.13 | 127.19 | | 127.29 | 126.86 | | 127.25 | | | 126.27 | 126.35 | | 126.84 |
| M19 | masl | | | 126.86 | 125.14 | 128.62 | 129.00 | 127.64 | 128.96 | 126.58 | | 128.46 | | 125.60 | 126.70 | 127.32 | | |
| M20 | masl | | | 125.74 | 124.81 | 127.02 | 127.21 | | 128.12 | | | | | | | | | |
| M21 | masl | | | 123.93 | 124.04 | 124.74 | 124.36 | | 123.32 | | | | | | | | | |
| M22 | masl | | | 125.86 | 124.87 | 127.56 | 128.01 | | 127.57 | | | | | | | | | |
| M23 | masl | | | 125.52 | 124.07 | 127.10 | 127.67 | 126.62 | 127.19 | 125.75 | | | | 124.36 | 125.68 | 126.28 | 125.18 | |
| M24 | masl | | | 126.77 | 126.57 | 126.70 | 127.23 | 126.97 | 125.98 | 125.50 | | 126.10 | | 126.24 | | | | |
| M25 | masl | | | 127.35 | 127.52 | 127.46 | 127.79 | | 127.60 | | | 127.86 | | 127.91 | 127.27 | | | |
| M26-1 | masl | | | 126.88 | | 127.62 | 128.03 | | 128.06 | 128.07 | | 127.87 | | 128.58 | 128.15 | | | |
| M26-2 | masl | | | 126.67 | 127.28 | 127.51 | 128.84 | | 127.87 | 127.38 | | 127.71 | | 128.44 | 128.01 | | | |
| M27 | masl | | | 125.58 | 125.70 | 125.66 | 126.01 | | | | | | | 126.48 | 126.05 | 126.01 | 125.53 | |
| M28 | masl | | | 125.18 | 124.56 | 126.08 | 125.86 | 125.39 | 125.71 | 125.84 | | 125.86 | | 126.31 | 125.61 | 125.63 | 125.47 | |
| M29 | masl | | | 123.44 | 123.33 | 124.29 | 124.22 | | 124.09 | | | 124.10 | | 124.04 | | 123.90 | 123.14 | |
| M30 | masl | | | 123.91 | 123.70 | 124.33 | 124.26 | | 124.68 | | | 124.63 | | 124.51 | 124.05 | 124.04 | 124.40 | |
| M31 | masl | | | 123.20 | 122.70 | 124.22 | 124.22 | 123.26 | 124.07 | 123.76 | | 124.08 | | 123.91 | | 123.53 | 123.45 | |
| M32 | masl | | | | | 123.61 | 123.93 | | | | | | | | | | | |
| M33 | masl | | | | | 123.51 | 123.17 | 122.50 | 123.24 | 123.10 | | 123.48 | | 123.31 | | 122.70 | | 123.31 |
| M34 | masl | | | 123.96 | 123.66 | 124.81 | 124.87 | | | | | | | | | | | |
| M35 | masl | | | 122.96 | | 124.32 | 124.19 | 123.51 | 124.08 | 124.22 | | 124.26 | | 121.30 | 123.70 | 123.74 | 123.54 | 124.22 |

| Name | Units | 5/30/91 | 5/31/91 | 7/24/91 | 10/08/91 | 9/21/92 | 5/04/93 | 7/05/94 | 4/17/95 | 11/02/95 | 3/04/96 | 4/03/96 | 11/11/96 | 5/05/97 | 10/21/97 | 6/18/98 | 11/17/98 | 3/24/99 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M36 | masl | | | 123.59 | | 124.74 | 124.32 | | | | | | | | | | | |
| M37 | masl | | | 123.87 | 123.73 | 124.66 | 124.44 | | | | | | | | | | | |
| M38 | masl | | | 124.72 | 124.58 | 124.74 | 125.02 | | 125.05 | 124.98 | | 125.51 | | | 124.78 | 124.65 | 124.57 | |
| M39 | masl | | | | | 123.83 | 123.65 | 122.91 | 123.54 | 122.71 | | 123.92 | | 120.67 | | 122.17 | | 123.79 |
| M40 | masl | | | 121.65 | 125.41 | 125.03 | 127.22 | | 125.79 | | | | | | | | | |
| M41 | masl | | | 124.46 | 124.88 | 125.17 | 125.16 | | | 124.96 | | 125.18 | | | 124.71 | 124.89 | 124.46 | |
| M42-1 | masl | | | | | | | 67.73 | 67.25 | | 75.83 | | | | 67.63 | | | |
| M42-2 | masl | | | | | 120.88 | 122.57 | 121.73 | 121.50 | | 121.05 | | | 120.77 | 120.39 | 118.80 | 120.03 | |
| M42-3 | masl | | | | | 121.94 | 122.45 | | 122.26 | | 122.44 | | | 122.56 | 122.06 | 122.49 | 122.13 | |
| M43-1 | masl | | | | | 91.71 | 118.36 | 119.10 | 114.06 | | 114.02 | | | 113.72 | 114.16 | | 103.69 | 112.52 |
| M43-2 | masl | | | | | 111.75 | 119.41 | 119.79 | 120.00 | | 119.60 | | | 119.00 | 118.36 | 109.85 | 116.55 | 118.07 |
| M43-3 | masl | | | | | 109.76 | 119.56 | 119.76 | 119.97 | | 119.92 | | | 121.34 | 118.38 | 110.05 | 116.65 | 118.17 |
| M44-1 | masl | | | | | | 118.20 | | | | | | | | | | | |
| M45-1 | masl | | | | | | | | | | 108.67 | | | 116.65 | 117.37 | 115.28 | 118.07 | |
| M45-2 | masl | | | | | | | | | | 106.01 | | | 112.77 | 106.28 | 105.12 | 109.34 | |
| M45-3 | masl | | | | | | | | | | 113.03 | | | 112.62 | 112.34 | 112.18 | 112.44 | |
| M46-1 | masl | | | | | | | | | | 109.39 | | | 108.92 | 108.93 | 108.91 | | 108.95 |
| M46-2 | masl | | | | | | | | | | 123.01 | | | 122.70 | 123.22 | 122.73 | | 122.82 |
| M47-1 | masl | | | | | | | | | | 112.10 | | | 115.15 | 115.40 | 115.15 | 117.09 | 117.64 |
| M47-2 | masl | | | | | | | | | | 124.11 | | | 123.94 | 123.97 | 123.98 | 123.96 | 124.00 |
| M47-3 | masl | | | | | | | | | | 125.09 | | | 124.79 | 124.42 | 124.70 | 124.24 | 124.88 |
| M48-1 | masl | | | | | | | | | | 122.35 | | | | | 118.85 | | |
| M48-2 | masl | | | | | | | | | | 122.59 | | | | | 119.00 | | |
| M48-3 | masl | | | | | | | | | | 122.58 | | | | | 119.00 | | |
| M49-1 | masl | | | | | | | | | | | | | 121.43 | 118.80 | | 117.58 | 121.00 |
| M49-2 | masl | | | | | | | | | | | | | 121.42 | 119.38 | 119.44 | 118.15 | 120.59 |
| M49-3 | masl | | | | | | | | | | | | | 122.70 | 119.57 | 118.77 | | 118.97 |
| M50-1 | masl | | | | | | | | | | | | | 121.60 | 121.74 | 118.60 | 122.31 | 122.65 |
| M50-2 | masl | | | | | | | | | | | | | 121.63 | 121.74 | 119.29 | 122.33 | 122.67 |
| M50-3 | masl | | | | | | | | | | | | | 124.24 | 124.13 | 124.14 | 123.92 | 124.20 |
| M51-1 | masl | | | | | | | | | | | | | | | | | |
| M51-2 | masl | | | | | | | | | | | | | 124.29 | 124.07 | 104.25 | 123.85 | 124.14 |
| M51-3 | masl | | | | | | | | | | | | | 125.65 | 125.53 | 102.43 | 124.20 | 125.00 |
| M52-1 | masl | | | | | | | | | | | | | 118.62 | 119.72 | 113.55 | 116.96 | 118.42 |
| M52-2 | masl | | | | | | | | | | | | | 118.24 | 120.65 | 120.99 | 119.85 | 120.49 |
| M52-3 | masl | | | | | | | | | | | | | 121.54 | 124.26 | 123.14 | 123.99 | 123.29 |
| M53-1 | masl | | | | | | | | | | | | | | | 118.92 | 118.24 | 121.53 |
| M53-2 | masl | | | | | | | | | | | | | | | 118.89 | 118.28 | 121.61 |
| M53-3 | masl | | | | | | | | | | | | | | | 113.50 | 114.56 | 120.67 |
| M53-4 | masl | | | | | | | | | | | | | | | 124.65 | | 124.86 |
| M54-1 | masl | | | | | | | | | | | | | | | 123.25 | 122.94 | 123.82 |
| M54-2 | masl | | | | | | | | | | | | | | | 123.57 | 98.04 | 119.93 |
| M54-3 | masl | | | | | | | | | | | | | | | 122.06 | 123.11 | 123.84 |
| M54-4 | masl | | | | | | | | | | | | | | | 123.45 | 123.23 | 123.83 |
| M55-1 | masl | | | | | | | | | | | | | | | 122.32 | 122.00 | 122.36 |
| M55-2 | masl | | | | | | | | | | | | | | | 122.67 | 110.98 | 115.93 |
| M55-3 | masl | | | | | | | | | | | | | | | 110.53 | 109.27 | 109.19 |
| M55-4 | masl | | | | | | | | | | | | | | | 122.37 | | 118.23 |
| M56-1 | masl | | | | | | | | | | | | | | | 110.25 | 108.64 | 108.74 |
| M56-2 | masl | | | | | | | | | | | | | | | | | |
| M57 | masl | | | | | | | | | | | | | | | 118.97 | | 121.47 |
| M58-1 | masl | | | | | | | | | | | | | | | 123.16 | 122.77 | |
| M58-2 | masl | | | | | | | | | | | | | | | 120.24 | 100.86 | |
| M58-3 | masl | | | | | | | | | | | | | | | 122.91 | 122.75 | |
| M58-4 | masl | | | | | | | | | | | | | | | 124.09 | 123.48 | |
| M59-1 | masl | | | | | | | | | | | | | | | 123.00 | 122.88 | |
| M59-2 | masl | | | | | | | | | | | | | | | 122.99 | 122.84 | |
| M59-3 | masl | | | | | | | | | | | | | | | 122.99 | 122.84 | |
| M59-4 | masl | | | | | | | | | | | | | | | 123.04 | 122.83 | |
| M60-1 | masl | | | | | | | | | | | | | | | 122.07 | 121.33 | 122.02 |
| M60-2 | masl | | | | | | | | | | | | | | | 125.08 | 123.90 | 124.31 |
| M60-3 | masl | | | | | | | | | | | | | | | 124.25 | 111.04 | 124.28 |

| Name | Units | 5/30/91 | 5/31/91 | 7/24/91 | 10/08/91 | 9/21/92 | 5/04/93 | 7/05/94 | 4/17/95 | 11/02/95 | 3/04/96 | 4/03/96 | 11/11/96 | 5/05/97 | 10/21/97 | 6/18/98 | 11/17/98 | 3/24/99 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M60-4 | masl | | | | | | | | | | | | | | | 124.10 | 123.82 | 124.35 |
| M61-1 | masl | | | | | | | | | | | | | | | 114.97 | 123.49 | |
| M61-2 | masl | | | | | | | | | | | | | | | 116.76 | 103.91 | |
| M61-3 | masl | | | | | | | | | | | | | | | 124.13 | 124.07 | |
| M61-4 | masl | | | | | | | | | | | | | | | 120.63 | 120.75 | |
| M62-1 | masl | | | | | | | | | | | | | | | | 124.47 | |
| M62-2 | masl | | | | | | | | | | | | | | | 96.75 | 98.93 | |
| M62-3 | masl | | | | | | | | | | | | | | | 120.32 | 125.28 | |
| M62-4 | masl | | | | | | | | | | | | | | | 122.81 | 124.60 | |
| M63-1 | masl | | | | | | | | | | | | | | | 121.96 | 120.56 | 120.77 |
| M63-2 | masl | | | | | | | | | | | | | | | 121.27 | 121.12 | 121.76 |
| M64-1 | masl | | | | | | | | | | | | | | | 113.60 | 112.81 | 114.10 |
| M64-2 | masl | | | | | | | | | | | | | | | 118.62 | 118.25 | 118.75 |
| M65-1 | masl | | | | | | | | | | | | | | | 119.21 | | 119.26 |
| M65-2 | masl | | | | | | | | | | | | | | | | | 121.62 |
| M66-1 | masl | | | | | | | | | | | | | | | 119.21 | | 119.38 |
| M66-2 | masl | | | | | | | | | | | | | | | 121.95 | 122.28 | 123.58 |
| M67-1 | masl | | | | | | | | | | | | | | | 118.70 | 120.11 | |
| M67-2 | masl | | | | | | | | | | | | | | | 120.88 | 121.75 | |
| M68-1 | masl | | | | | | | | | | | | | | | | 98.59 | 121.82 |
| M68-2 | masl | | | | | | | | | | | | | | | | 120.12 | 123.73 |
| M68-3 | masl | | | | | | | | | | | | | | | 109.45 | 118.00 | 122.63 |
| M68-4 | masl | | | | | | | | | | | | | | | 123.69 | 123.02 | 124.25 |
| M69-1 | masl | | | | | | | | | | | | | | | | 124.49 | |
| M69-2 | masl | | | | | | | | | | | | | | | | 118.13 | |
| M69-3 | masl | | | | | | | | | | | | | | | | 111.50 | |
| M69-4 | masl | | | | | | | | | | | | | | | | 125.61 | |
| M70-1 | masl | | | | | | | | | | | | | | | | 105.61 | 113.05 |
| M70-2 | masl | | | | | | | | | | | | | | | | 119.93 | 120.10 |
| M70-3 | masl | | | | | | | | | | | | | | | | | |
| M71 | masl | | | | | | | | | | | | | | | | | |
| M72 | masl | | | | | | | | | | | | | | | | | |
| M73 | masl | | | | | | | | | | | | | | | | | |
| M74 | masl | | | | | | | | | | | | | | | | | |
| M75 | masl | | | | | | | | | | | | | | | | | |
| M76 | masl | | | | | | | | | | | | | | | | | |
| M77 | masl | | | | | | | | | | | | | | | | | |
| M78 | masl | | | | | | | | | | | | | | | | | |
| M79 | masl | | | | | | | | | | | | | | | | | |
| M80-1 | masl | | | | | | | | | | | | | | | | | |
| M80-2 | masl | | | | | | | | | | | | | | | | | |
| M81 | masl | | | | | | | | | | | | | | | | | |
| Mini Piezor | masl | | | | | | | | | | | | | | | | | |
| M82-1 | masl | | | | | | | | | | | | | | | | | |
| M82-2 | masl | | | | | | | | | | | | | | | | | |
| M83 | masl | | | | | | | | | | | | | | | | | |
| M84 | masl | | | | | | | | | | | | | | | | | |
| M85 | masl | | | | | | | | | | | | | | | | | |
| M86 | masl | | | | | | | | | | | | | | | | | |
| M87-1 | masl | | | | | | | | | | | | | | | | | |
| M87-2 | masl | | | | | | | | | | | | | | | | | |
| M88-1 | masl | | | | | | | | | | | | | | | | | |
| M88-2 | masl | | | | | | | | | | | | | | | | | |
| M89-1 | masl | | | | | | | | | | | | | | | | | |
| M89-2 | masl | | | | | | | | | | | | | | | | | |
| M90-1 | masl | | | | | | | | | | | | | | | | | |
| M90-2 | masl | | | | | | | | | | | | | | | | | |
| M91-1 | masl | | | | | | | | | | | | | | | | | |
| M91-2 | masl | | | | | | | | | | | | | | | | | |
| M93 | masl | | | | | | | | | | | | | | | | | |
| M94-1 | masl | | | | | | | | | | | | | | | | | |
| M94-2 | masl | | | | | | | | | | | | | | | | | |

| Name | Units | 5/30/91 | 5/31/91 | 7/24/91 | 10/08/91 | 9/21/92 | 5/04/93 | 7/05/94 | 4/17/95 | 11/02/95 | 3/04/96 | 4/03/96 | 11/11/96 | 5/05/97 | 10/21/97 | 6/18/98 | 11/17/98 | 3/24/99 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M95-1 | masl | | | | | | | | | | | | | | | | | |
| M95-2 | masl | | | | | | | | | | | | | | | | | |
| M96 | masl | | | | | | | | | | | | | | | | | |
| M97 | masl | | | | | | | | | | | | | | | | | |
| M98 | masl | | | | | | | | | | | | | | | | | |
| M99-2 | masl | | | | | | | | | | | | | | | | | |
| M100 | masl | | | | | | | | | | | | | | | | | |
| M101 | masl | | | | | | | | | | | | | | | | | |
| M102 | masl | | | | | | | | | | | | | | | | | |
| M103 | masl | | | | | | | | | | | | | | | | | |
| M104 | masl | | | | | | | | | | | | | | | | | |
| OW1 | masl | | | | | | | | 122.26 | | 122.32 | | 122.76 | 119.58 | 122.28 | | 122.41 | |
| OW36 | masl | | | | | | | | | | | | | | | | 122.43 | |
| OW37-d | masl | | | | | | | | | | | | | | | | 122.71 | |
| OW37-s | masl | | | | | | | | | | | | | | | | 122.37 | |
| OW4 | masl | | | | | | | | 123.55 | | 122.74 | | 123.79 | 123.68 | 123.52 | 123.44 | 123.58 | |
| OW45 | masl | | | | | | | | 125.07 | | | | | | | | | |
| OW49 | masl | | | | | | | | 127.51 | | | | | | | | | |
| OW5 | masl | | | | | | | | 123.63 | | | | | | 123.32 | | 123.44 | |
| OW54-d | masl | | | | | | | | 120.75 | | 122.42 | | 123.14 | 122.57 | 119.05 | 119.09 | 118.46 | 121.86 |
| OW54-i | masl | | | | | | | | 120.72 | | 121.35 | | 123.16 | 122.52 | 119.05 | 119.11 | 118.46 | 121.87 |
| OW54-s | masl | | | | | | | | 121.51 | | 121.55 | | 121.63 | 121.73 | 121.26 | 120.96 | 121.31 | 120.84 |
| OW55-d | masl | | | | | | | | 121.15 | | 121.82 | | 121.73 | 121.97 | 121.93 | 122.02 | 121.96 | 121.93 |
| OW55-i | masl | | | | | | | | 121.90 | | 122.07 | | 121.80 | 122.04 | 121.96 | 121.96 | 121.94 | 121.87 |
| OW55-s | masl | | | | | | | | 120.02 | | 121.88 | | 121.83 | 121.72 | 121.56 | 122.00 | 122.19 | 121.87 |
| OW56-d | masl | | | | | | | | 122.06 | | 121.55 | | 122.51 | 122.73 | 122.83 | 122.07 | 122.73 | 122.42 |
| OW56-i | masl | | | | | | | | 121.96 | | 121.49 | | 122.51 | 122.59 | 122.81 | 122.07 | 122.75 | 122.42 |
| OW56-s | masl | | | | | | | | 116.04 | | 120.54 | | 121.54 | 120.72 | 120.00 | 121.99 | 122.69 | 122.36 |
| OW57 | masl | | | | | | | | 128.37 | | | | 129.03 | 129.16 | 129.00 | 127.21 | 126.21 | |
| OW58 | masl | | | | | | | | 126.31 | 126.32 | | 126.83 | | | | | | |
| PW1 | masl | | | | | | | | | | | | | | | 118.83 | 118.32 | 121.59 |
| PW2 | masl | | | | | | | | | | | | | | | 122.90 | 123.19 | 122.96 |

| Name | Units | 3/25/99 | 11/29/99 | 5/23/00 | 10/19/00 | 5/03/01 | 11/13/01 | 5/21/02 | 11/18/02 | 5/26/03 | 10/22/03 | 4/30/04 | 11/08/04 | 4/29/05 | 10/31/05 | 5/23/06 | 5/29/06 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2054 | masl | | 125.24 | 125.50 | 125.13 | 125.29 | 125.21 | 125.70 | 125.29 | 125.56 | 125.47 | 125.65 | 125.21 | 125.68 | 125.44 | 125.20 | |
| 2055 | masl | | | 116.44 | 116.89 | 117.82 | 117.84 | 118.67 | 118.25 | 119.48 | 119.07 | 119.83 | 119.15 | 119.89 | 119.18 | 121.68 | |
| M1-1 | masl | | 125.62 | | | | | | | | | | | | | | |
| M1-2 | masl | | 124.95 | | | | | | | | | | | | | | |
| M2-1 | masl | | | | | | | | | | | | | | | | |
| M2-2 | masl | | 123.84 | | | | | | | | | | | | | | |
| M2-3 | masl | | 126.88 | | | | | | | | | | | | | | |
| M3-1 | masl | | | 123.48 | 118.80 | | 120.06 | | | | | | | | | | |
| M3-2 | masl | | 126.79 | 102.14 | 102.15 | | 101.70 | | | | | | | | | | |
| M3-3 | masl | | 124.99 | 125.65 | 125.68 | | 123.81 | | | | | | | | | | |
| M3A-1 | masl | 121.00 | 112.89 | | | 122.98 | | 122.71 | 118.77 | 122.36 | 118.27 | 122.23 | 118.30 | 121.48 | 116.35 | 121.79 | |
| M3A-2 | masl | 101.57 | 101.57 | | | 101.64 | | 101.20 | 102.21 | 101.28 | 101.28 | 101.30 | 101.31 | 101.35 | 101.36 | 101.83 | |
| M3A-3 | masl | 125.09 | 124.79 | | | 125.18 | | 124.96 | 124.07 | 124.80 | 124.93 | 124.88 | 124.35 | 124.59 | 124.49 | 125.00 | |
| M4-1 | masl | 95.35 | 95.35 | 95.19 | 95.21 | 95.23 | 95.26 | 95.27 | 95.29 | 95.34 | | 95.38 | | 95.42 | 95.64 | 95.50 | |
| M4-2 | masl | 101.06 | 101.06 | 102.03 | 102.08 | 102.13 | 102.18 | 102.22 | 102.27 | 102.33 | | 102.44 | | 102.55 | 102.58 | 102.70 | |
| M4-3 | masl | 122.86 | 123.18 | 123.06 | 123.49 | 123.05 | 123.21 | 123.01 | 123.29 | 123.05 | | 123.08 | | 123.07 | 123.25 | | |
| M5-1 | masl | | | 121.70 | 115.21 | 121.20 | 115.83 | 121.00 | 115.61 | 120.82 | 113.47 | 120.26 | | | 117.99 | | 121.63 |
| M5-3 | masl | | 123.04 | 122.95 | 123.52 | 122.92 | 123.19 | 122.92 | 123.35 | 122.60 | 123.46 | 122.55 | | | 123.28 | | 123.00 |
| M6-1 | masl | | 95.46 | 97.62 | 95.10 | 97.46 | 99.96 | 104.25 | 100.44 | 104.72 | 99.63 | 105.09 | | | 121.27 | | 113.90 |
| M6-2 | masl | | 100.16 | 108.51 | 107.21 | 108.51 | 108.11 | 110.22 | 107.42 | 109.90 | 107.00 | 107.37 | | | 110.36 | | 120.88 |
| M6-3 | masl | | 122.71 | 123.11 | 123.18 | 122.99 | 123.21 | 123.17 | 123.21 | 123.96 | 123.32 | 123.11 | | | 123.36 | | 123.27 |
| M7-1 | masl | | | | | | | | | | | | | | | | |
| M7-2 | masl | | | | | | | | | | | | | | | | |
| M7-3 | masl | | | | | | | | | | | | | | | | |
| M8-1 | masl | | | | | | | | | | | | | | | | |
| M8-2 | masl | | | | | | | | | | | | | | | | |
| M8-3 | masl | | | | | | | | | | | | | | | | |
| M9-1 | masl | | | 94.32 | 94.36 | | | | | | 94.70 | | | | 94.99 | | |
| M9-2 | masl | | | 120.47 | 119.01 | 119.77 | 118.63 | 122.20 | 119.04 | 121.54 | 119.36 | 122.97 | | | 120.18 | | |
| M9-3 | masl | | | 120.84 | 119.06 | 119.61 | 118.40 | 121.74 | 118.69 | 121.85 | 119.29 | 122.68 | | | 120.14 | | |
| M9R-1 | masl | | | 96.56 | 104.05 | 113.98 | | 117.23 | 116.46 | 118.44 | 116.98 | 118.80 | 115.32 | 119.91 | 118.95 | 122.98 | |
| M10-1 | masl | | 119.37 | 120.89 | 115.81 | 120.06 | 118.90 | 121.85 | 119.65 | 121.92 | 119.71 | 122.62 | | 123.04 | 120.56 | | 121.86 |
| M10-2 | masl | | 125.95 | 121.38 | 120.24 | 121.00 | 119.48 | 122.60 | 120.03 | 121.76 | 120.05 | 122.84 | | 122.15 | 121.06 | | 122.16 |
| M10-3 | masl | | | 117.94 | 116.67 | 120.87 | | 122.57 | 120.19 | 121.77 | 120.10 | 122.84 | | 122.26 | 121.08 | | 122.16 |
| M11-1 | masl | | | | | | | | | | | | | | | | |
| M11-2 | masl | | | | | | | | | | | | | | | | |
| M11-3 | masl | | | | | | | | | | | | | | | | |
| M12 | masl | 125.70 | 125.71 | 125.66 | 124.99 | 125.46 | 125.24 | 125.77 | 125.36 | 125.77 | 125.69 | 125.74 | 125.40 | 125.81 | 125.69 | 125.59 | |
| M13 | masl | | 124.14 | | | | | | | | | | | | | | |
| M14 | masl | | 126.10 | 127.05 | 126.32 | 126.73 | 126.15 | 127.07 | 126.36 | 127.29 | 126.80 | 127.24 | 126.65 | 127.29 | 126.81 | 126.92 | |
| M15 | masl | | 124.60 | 125.20 | 124.89 | 124.88 | 125.21 | 125.25 | 125.46 | 125.46 | 125.63 | 125.28 | 125.38 | 125.39 | 125.42 | 125.43 | |
| M16 | masl | | 123.97 | 124.22 | 124.01 | 123.99 | 124.02 | 124.29 | 124.20 | 124.44 | 124.45 | 124.33 | 124.22 | 124.37 | 124.26 | | |
| M17 | masl | | 123.61 | 124.07 | | | | | | | | | | | | | |
| M18 | masl | | | 127.16 | 126.92 | 126.86 | 126.38 | 127.13 | | 127.37 | | 127.38 | 126.90 | 127.54 | 126.78 | 127.20 | |
| M19 | masl | | | 128.42 | 127.45 | 128.02 | 126.21 | 128.24 | 126.15 | 128.39 | 126.99 | 128.33 | 127.18 | 128.44 | 126.74 | 128.51 | |
| M20 | masl | | 128.12 | | | | | | | | | | | | | | |
| M21 | masl | | 123.96 | | | | | | | | | | | | | | |
| M22 | masl | | 127.57 | | | | | | | | | | | | | | |
| M23 | masl | | 126.80 | 127.25 | | 127.06 | 125.18 | 127.27 | 125.40 | 127.22 | 125.59 | 127.23 | 126.27 | 127.29 | 125.55 | 127.27 | |
| M24 | masl | | | | | | | | | | | | | | | | |
| M25 | masl | | | | | | | | | | | | | | | | |
| M26-1 | masl | | | | | | | | | | | | | | | | |
| M26-2 | masl | | | | | | | | | | | | | | | | |
| M27 | masl | 126.33 | | 126.40 | 125.98 | 126.19 | 125.82 | 126.63 | 126.30 | 126.59 | 126.46 | 126.53 | 126.31 | 126.53 | 126.37 | 126.57 | |
| M28 | masl | 126.45 | | 126.18 | 126.71 | 125.74 | 126.02 | 126.09 | 126.37 | 126.49 | 126.58 | 126.27 | 126.28 | 126.45 | 126.45 | 126.23 | |
| M29 | masl | 124.09 | | 123.92 | 123.96 | 123.87 | 123.84 | 123.98 | 123.88 | 123.94 | 123.95 | 123.83 | 122.44 | 123.19 | 123.94 | 124.37 | |
| M30 | masl | 124.55 | 124.51 | 124.35 | 124.13 | 124.27 | 124.12 | 124.45 | 124.27 | 124.45 | 124.45 | 124.41 | 124.24 | 124.50 | 124.31 | 124.42 | |
| M31 | masl | 123.98 | | 123.83 | 123.77 | 123.87 | 123.47 | 123.76 | 123.70 | 123.80 | 123.80 | 123.83 | 123.77 | 123.89 | 123.62 | 124.37 | |
| M32 | masl | | | | 124.47 | | | | | | | | | | | | |
| M33 | masl | | | | | | | | | | | | | | | | |
| M34 | masl | | | | | | | | | | | | | | | | |
| M35 | masl | | | 124.24 | 123.95 | 123.86 | 124.17 | 124.19 | 123.11 | 124.31 | 124.24 | 124.29 | 123.90 | 124.31 | 123.99 | 124.22 | |

| Name | Units | 3/25/99 | 11/29/99 | 5/23/00 | 10/19/00 | 5/03/01 | 11/13/01 | 5/21/02 | 11/18/02 | 5/26/03 | 10/22/03 | 4/30/04 | 11/08/04 | 4/29/05 | 10/31/05 | 5/23/06 | 5/29/06 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M36 | masl | | | | | | | | | | | | | | | | |
| M37 | masl | | 124.66 | | | | | | | | | | | | | | |
| M38 | masl | 125.36 | 125.36 | 125.13 | 124.79 | 124.89 | 124.80 | 125.26 | 125.02 | 125.26 | 125.43 | 125.12 | 124.96 | 125.28 | 125.13 | 125.19 | |
| M39 | masl | | 123.83 | 123.57 | 123.17 | 123.34 | | 123.54 | | 123.64 | | 123.56 | 123.30 | 123.59 | | 123.72 | |
| M40 | masl | | | | | | | | | | | | | | | | |
| M41 | masl | 125.55 | | 125.26 | 124.73 | 125.24 | 125.82 | 125.55 | 124.80 | 125.36 | 124.95 | 125.47 | 124.77 | 125.37 | 124.83 | 125.15 | |
| M42-1 | masl | | | | 75.13 | 75.23 | 75.33 | 75.23 | 75.83 | | 75.39 | | | | | | |
| M42-2 | masl | 120.39 | | 119.85 | 119.03 | 120.14 | 119.40 | 120.21 | 119.81 | 120.47 | 119.47 | 120.18 | 119.61 | 122.89 | 119.69 | 120.28 | |
| M42-3 | masl | 122.52 | | 122.71 | 122.58 | 122.79 | 122.23 | 122.95 | 122.47 | 122.94 | 122.62 | 123.05 | 122.67 | 120.21 | 122.44 | 122.95 | |
| M43-1 | masl | | | | 81.31 | 102.61 | 91.89 | 108.23 | 109.60 | 116.44 | 110.45 | 117.45 | 104.95 | 114.75 | 106.77 | 116.04 | 116.58 |
| M43-2 | masl | | 118.07 | | 111.23 | 117.29 | 113.31 | 117.84 | | | 118.63 | | | 118.23 | | | |
| M43-3 | masl | | 109.76 | | 111.51 | 118.33 | 114.11 | 118.78 | 117.71 | 119.12 | 117.74 | 120.00 | 118.86 | 121.11 | 118.73 | 121.01 | 121.01 |
| M44-1 | masl | | 118.20 | | | | | | | | | | | | | | |
| M45-1 | masl | 118.51 | 127.69 | 114.96 | 111.83 | 114.61 | 113.90 | 115.52 | 114.79 | 116.19 | 115.74 | 116.45 | 116.18 | 116.99 | 116.54 | 117.15 | |
| M45-2 | masl | 111.77 | 111.77 | 109.72 | 105.86 | 111.71 | 111.33 | 114.88 | 113.60 | 115.75 | 115.36 | 116.07 | 115.93 | 116.76 | 116.37 | 116.99 | |
| M45-3 | masl | 112.49 | 127.54 | 113.70 | 113.47 | 114.48 | 113.62 | 114.41 | 114.00 | 114.82 | 114.23 | 115.22 | 116.04 | 118.35 | 117.75 | 119.09 | |
| M46-1 | masl | | 108.95 | 108.93 | 108.93 | 108.92 | 108.79 | 108.83 | 108.83 | 108.82 | | 108.82 | 108.83 | 108.78 | 108.79 | | |
| M46-2 | masl | | 123.07 | 122.65 | 123.00 | 122.66 | 122.49 | 122.41 | 123.31 | 122.64 | 123.27 | 122.68 | 123.07 | 122.76 | 123.52 | 122.82 | 122.80 |
| M47-1 | masl | | 117.64 | 119.07 | 119.00 | 119.68 | 120.28 | 120.98 | 122.11 | 122.34 | 122.87 | 123.16 | 123.20 | 123.37 | 123.35 | 123.50 | |
| M47-2 | masl | | 123.57 | 124.01 | 124.21 | 124.12 | 123.85 | 124.00 | 123.88 | 124.08 | 124.15 | 124.18 | 124.16 | 124.28 | 124.12 | 124.13 | |
| M47-3 | masl | | | 124.71 | 124.73 | 124.77 | 124.46 | 124.82 | 122.31 | 125.02 | 124.65 | 124.80 | 124.72 | 124.81 | 124.58 | 124.72 | |
| M48-1 | masl | 120.22 | | 120.79 | 121.34 | 121.42 | 121.13 | 121.70 | 121.16 | 121.08 | 120.99 | 121.52 | 120.97 | 121.17 | 121.03 | 122.67 | |
| M48-2 | masl | 120.78 | | 121.51 | 121.75 | 121.83 | 121.67 | 122.26 | 121.79 | 121.72 | 121.75 | 122.16 | 121.57 | 121.78 | 121.41 | 123.08 | |
| M48-3 | masl | 120.78 | | 121.50 | 121.75 | 121.83 | 121.68 | 122.26 | 121.79 | 121.72 | 121.75 | 122.15 | 121.57 | 121.77 | 121.41 | 123.08 | |
| M49-1 | masl | | | 120.49 | 118.90 | 119.58 | 118.26 | 121.80 | 119.30 | 122.10 | 119.86 | 123.25 | 120.52 | 123.86 | 120.75 | 123.34 | |
| M49-2 | masl | | | 121.29 | 119.24 | 121.61 | 118.92 | 122.33 | 119.56 | 121.83 | 119.50 | 122.88 | 120.41 | 122.70 | 119.39 | 122.75 | |
| M49-3 | masl | | | 119.04 | 118.96 | 119.16 | 119.27 | 119.48 | 119.04 | 119.17 | 118.89 | 119.08 | 119.26 | 119.43 | 119.09 | 119.28 | |
| M50-1 | masl | | 121.60 | 122.70 | 123.00 | 123.34 | 122.63 | 123.61 | 122.60 | 123.30 | 122.45 | 123.44 | 122.95 | 123.73 | 123.02 | 124.16 | |
| M50-2 | masl | | 122.67 | 122.81 | 123.11 | 123.47 | 122.61 | 123.72 | 122.71 | 123.38 | 122.56 | 123.57 | 123.01 | 123.79 | 123.09 | 124.27 | |
| M50-3 | masl | | 124.24 | 124.24 | 124.49 | 124.37 | 124.03 | 124.25 | 124.26 | 124.28 | 124.28 | 124.33 | 124.11 | 124.40 | 124.18 | 124.28 | |
| M51-1 | masl | | | | | | | | | 102.77 | | 103.33 | 103.64 | 105.03 | 97.95 | 108.12 | |
| M51-2 | masl | | 124.29 | 124.33 | 124.40 | 124.45 | 123.51 | 124.42 | 124.17 | 124.42 | 124.28 | 124.49 | 124.29 | 124.57 | 124.15 | 124.49 | |
| M51-3 | masl | | 125.00 | 125.17 | 125.17 | 125.70 | 124.50 | 125.48 | 124.68 | 125.14 | 125.12 | 125.34 | 125.33 | 125.36 | 124.62 | 124.62 | |
| M52-1 | masl | | 118.62 | 110.68 | 112.75 | 116.27 | 113.90 | 118.41 | 115.75 | 117.33 | 114.69 | 117.02 | 113.96 | 116.61 | 113.35 | 117.04 | |
| M52-2 | masl | | 120.49 | 120.92 | 120.75 | 121.31 | 120.41 | 121.43 | 120.83 | 121.41 | 121.00 | 121.82 | 121.65 | 121.93 | 121.10 | 122.12 | |
| M52-3 | masl | | 121.54 | 123.28 | 121.03 | 124.63 | 124.26 | 124.39 | 124.49 | 124.51 | 124.48 | 124.50 | 124.50 | 124.66 | 124.56 | 124.58 | |
| M53-1 | masl | | 118.24 | 120.99 | 119.38 | 120.12 | 118.94 | 121.92 | 119.25 | 121.89 | 119.82 | 122.71 | 120.36 | 123.19 | 120.58 | 122.80 | |
| M53-2 | masl | | | 120.97 | 119.34 | 119.98 | 118.93 | 121.81 | 119.23 | 121.89 | 119.74 | 122.65 | 120.30 | 123.04 | 120.45 | 122.82 | |
| M53-3 | masl | | | 121.96 | 120.39 | 121.42 | 119.52 | 122.81 | 118.97 | 121.70 | 119.34 | 122.74 | 120.14 | 123.22 | 120.47 | 123.06 | |
| M53-4 | masl | | | 125.42 | 124.91 | 125.04 | 125.07 | 125.47 | 125.36 | 125.59 | 125.61 | 125.45 | 125.42 | 125.53 | 125.44 | 125.42 | |
| M54-1 | masl | | | 123.75 | 123.34 | 123.46 | 123.21 | 123.85 | 123.44 | 123.94 | 123.69 | 123.94 | 123.47 | 123.99 | 123.58 | 123.77 | |
| M54-2 | masl | | | 121.60 | 122.28 | 123.54 | 123.16 | 123.90 | 123.24 | 123.87 | 123.41 | 124.02 | 123.54 | 124.06 | 123.67 | 123.89 | |
| M54-3 | masl | | | 123.74 | 123.38 | 123.47 | 123.30 | 123.90 | 123.46 | 123.89 | 123.65 | 124.03 | 123.57 | 124.06 | 123.63 | 123.80 | |
| M54-4 | masl | | | 123.55 | 123.36 | 123.34 | 123.28 | 123.54 | 123.35 | 123.64 | 123.65 | 123.50 | 123.30 | 123.55 | 123.36 | 123.56 | |
| M55-1 | masl | | | 122.06 | 122.02 | 122.15 | 121.64 | 122.29 | 122.00 | 122.37 | 122.14 | 122.49 | 122.24 | 122.45 | 122.07 | 122.96 | |
| M55-2 | masl | | | 108.17 | 114.21 | 118.17 | 119.89 | 120.95 | 121.48 | 121.88 | 122.06 | 122.28 | 122.41 | 122.48 | 122.47 | 122.52 | |
| M55-3 | masl | | | 109.16 | 109.18 | 109.21 | 109.22 | 109.23 | 109.23 | 109.31 | 109.35 | 109.53 | 109.59 | 109.16 | 109.28 | | |
| M55-4 | masl | | | 118.22 | 118.43 | 118.61 | 119.01 | 119.48 | 119.78 | 120.14 | 120.38 | 120.85 | 121.28 | 118.41 | 118.31 | 119.03 | |
| M56-1 | masl | | | 108.49 | 108.62 | 108.71 | 108.55 | 108.74 | 108.73 | 108.77 | 108.86 | 108.90 | 108.98 | 108.98 | 108.82 | 109.16 | |
| M56-2 | masl | | | | | | | | | | | | | | | 123.10 | |
| M57 | masl | | | 121.33 | 119.42 | 120.19 | 118.96 | 122.33 | 119.24 | 121.51 | 119.69 | 122.82 | 120.21 | 123.27 | 120.50 | 122.90 | |
| M58-1 | masl | 123.32 | | 123.51 | 86.42 | 108.77 | 117.67 | 121.62 | 118.31 | 121.85 | 112.15 | 120.14 | 111.65 | 119.37 | 113.69 | 121.98 | |
| M58-2 | masl | 106.84 | 113.34 | 100.40 | 98.95 | 99.28 | 104.16 | 108.43 | 106.38 | 110.40 | 102.46 | 106.39 | 100.96 | 104.35 | 98.44 | 102.52 | |
| M58-3 | masl | 123.30 | 122.79 | 123.47 | 123.19 | 123.25 | 123.05 | 123.65 | 123.15 | 123.64 | 123.54 | 123.59 | 122.85 | 123.10 | 122.96 | 123.10 | |
| M58-4 | masl | 124.90 | 124.90 | 124.77 | 124.26 | 124.40 | 123.23 | 124.80 | 123.14 | 125.03 | 123.78 | 124.91 | 124.23 | 125.06 | 123.64 | 124.71 | |
| M59-1 | masl | 124.58 | 122.89 | 124.46 | 124.36 | 124.35 | 123.49 | 124.42 | 123.28 | 124.44 | 124.49 | 124.42 | 124.39 | 124.41 | 124.41 | 124.38 | |
| M59-2 | masl | 123.39 | 123.39 | 123.61 | 123.27 | 123.33 | 123.13 | 123.74 | 123.23 | 123.74 | 123.63 | 123.67 | 122.96 | 123.23 | 123.10 | 122.51 | |
| M59-3 | masl | 123.39 | 122.87 | 123.61 | 123.24 | 123.34 | 123.13 | 123.73 | 123.23 | 123.74 | 123.61 | 123.67 | 122.96 | 123.21 | 123.09 | 123.10 | |
| M59-4 | masl | 123.42 | 123.42 | 123.61 | 123.26 | 123.34 | 123.16 | 123.73 | 123.25 | 123.75 | 123.63 | 123.68 | 122.97 | 123.24 | 123.12 | 123.12 | |
| M60-1 | masl | | | 121.87 | 121.78 | 122.33 | 121.42 | 122.43 | 121.84 | 123.04 | 122.40 | 123.57 | 122.82 | 123.99 | 123.24 | 124.38 | |
| M60-2 | masl | | | 124.27 | 124.21 | 124.43 | 123.91 | 124.30 | 123.65 | 123.76 | 123.75 | 123.78 | 124.00 | 124.27 | 123.80 | 123.81 | |
| M60-3 | masl | | | 124.27 | 124.16 | 124.20 | 124.04 | 124.36 | 124.36 | 124.38 | 124.35 | 124.36 | 124.33 | 124.38 | 124.34 | 124.35 | |

| Name | Units | 3/25/99 | 11/29/99 | 5/23/00 | 10/19/00 | 5/03/01 | 11/13/01 | 5/21/02 | 11/18/02 | 5/26/03 | 10/22/03 | 4/30/04 | 11/08/04 | 4/29/05 | 10/31/05 | 5/23/06 | 5/29/06 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M60-4 | masl | | | 124.29 | 124.19 | 124.26 | 124.09 | 124.40 | 124.04 | 124.39 | 124.26 | 124.30 | 124.29 | 124.32 | 124.20 | 124.29 | |
| M61-1 | masl | 124.16 | | 124.51 | 124.24 | 124.49 | 124.10 | 125.01 | 124.10 | 124.71 | 124.31 | 124.97 | 124.14 | 124.70 | 124.25 | 124.79 | |
| M61-2 | masl | 104.59 | | 96.60 | 96.70 | 96.91 | 97.17 | 97.45 | 97.71 | 98.03 | 98.19 | 98.46 | 98.77 | 99.03 | 99.53 | 100.20 | |
| M61-3 | masl | 124.62 | | 125.12 | 124.73 | 124.89 | 124.62 | 125.43 | 124.68 | 125.32 | 125.10 | 125.36 | 124.78 | 125.30 | 125.15 | 125.19 | |
| M61-4 | masl | 120.59 | | 120.81 | 121.06 | 121.33 | 121.76 | 122.09 | 122.58 | 122.87 | 123.32 | 123.82 | 124.88 | 124.97 | 125.47 | 125.41 | |
| M62-1 | masl | 124.97 | | 126.20 | 125.95 | 126.13 | 125.46 | 126.11 | 125.50 | 125.97 | 125.64 | 126.09 | 125.82 | 126.12 | 125.72 | 126.09 | |
| M62-2 | masl | 114.83 | | 125.59 | 126.16 | 126.31 | 125.51 | 126.30 | 125.39 | 126.22 | 125.66 | 126.29 | 126.05 | 126.25 | 125.59 | 126.28 | |
| M62-3 | masl | 125.61 | | 125.70 | 125.67 | 125.56 | 125.12 | 125.43 | 125.15 | 125.48 | 125.32 | 125.56 | 125.70 | 125.65 | 125.32 | 125.74 | |
| M62-4 | masl | 125.99 | | 126.29 | 125.94 | 126.06 | 125.65 | 126.14 | 125.42 | 126.25 | 125.58 | 126.00 | 125.62 | 125.92 | 125.50 | 126.01 | |
| M63-1 | masl | | | 121.01 | 121.11 | 122.39 | 122.10 | 122.26 | 122.18 | 122.38 | 122.14 | 122.29 | 121.92 | 121.92 | 121.77 | 122.05 | |
| M63-2 | masl | | | 121.78 | 121.78 | 121.23 | 121.23 | 121.72 | 121.28 | 121.66 | 121.48 | 121.56 | 120.93 | 121.66 | 121.52 | 121.65 | |
| M64-1 | masl | | 113.55 | 113.90 | 113.26 | 113.55 | 113.42 | 114.04 | 113.55 | 113.63 | 113.17 | 113.76 | 113.13 | 113.71 | 113.22 | 113.28 | |
| M64-2 | masl | | 118.75 | 118.94 | 118.81 | 118.76 | 118.45 | 118.86 | 118.43 | 118.83 | 118.58 | 118.92 | 118.54 | 118.98 | 118.63 | 118.78 | |
| M65-1 | masl | | 119.65 | 119.25 | 119.33 | 119.45 | 119.61 | 119.72 | 119.85 | 119.95 | 120.06 | 120.16 | 120.29 | 120.33 | 120.45 | 120.75 | |
| M65-2 | masl | | 121.62 | 121.48 | 121.66 | 121.98 | 122.18 | 122.46 | 122.44 | 122.51 | 122.54 | 122.56 | 122.65 | 122.61 | 122.50 | 122.86 | |
| M66-1 | masl | | 119.56 | 123.21 | 119.76 | 119.94 | 120.26 | 120.43 | 120.95 | 121.21 | 121.88 | 122.04 | 122.67 | 122.63 | 123.10 | 123.00 | |
| M66-2 | masl | | 123.58 | 119.50 | 123.13 | 123.10 | 123.10 | 123.22 | 123.07 | 123.29 | 123.23 | 123.20 | 123.21 | 123.29 | 123.15 | 123.17 | |
| M67-1 | masl | 122.27 | 119.04 | 122.34 | 122.93 | 122.63 | 122.47 | 122.80 | 122.43 | 122.73 | 122.65 | 122.77 | 122.65 | 122.58 | 122.39 | 122.77 | |
| M67-2 | masl | 122.55 | 122.25 | 122.88 | 122.47 | 122.63 | 122.14 | 122.84 | 122.06 | 122.89 | 122.27 | 122.78 | 122.26 | 122.62 | 122.17 | 122.79 | |
| M68-1 | masl | | | 123.69 | 124.15 | 124.19 | 124.28 | 124.20 | 124.40 | 124.20 | 124.46 | 124.27 | 124.49 | 124.37 | 124.47 | 124.40 | |
| M68-2 | masl | | | 124.03 | 124.26 | 124.21 | 124.32 | 124.19 | 124.50 | 124.17 | 124.40 | 124.21 | 124.49 | 124.33 | 124.35 | 124.31 | |
| M68-3 | masl | | | 123.23 | 123.76 | 124.04 | 123.97 | 124.11 | 124.40 | 124.06 | 123.85 | 123.88 | 124.05 | 123.97 | 123.82 | 124.02 | |
| M68-4 | masl | | | 124.05 | 123.96 | 123.87 | 123.32 | 124.10 | 122.87 | 124.11 | 123.74 | 123.95 | 123.91 | 124.13 | 123.63 | 124.14 | |
| M69-1 | masl | 125.23 | | 124.94 | 124.91 | 123.70 | 124.36 | 124.72 | 123.66 | 124.76 | 124.56 | 124.84 | 124.90 | 124.88 | 124.54 | 125.13 | |
| M69-2 | masl | 125.38 | | 125.43 | 125.49 | 125.55 | 125.21 | 125.32 | 125.15 | 125.31 | 125.25 | 125.36 | 125.38 | 125.46 | 125.22 | 125.51 | |
| M69-3 | masl | 112.55 | | 113.44 | 116.66 | 120.68 | 122.84 | 124.36 | 124.77 | 125.24 | 125.14 | 125.36 | 125.42 | 125.48 | 124.82 | 125.44 | |
| M69-4 | masl | 126.01 | | 126.39 | 125.82 | 125.71 | 125.85 | 125.85 | 125.64 | 125.48 | 125.87 | 125.77 | 125.81 | 125.81 | 125.75 | 125.83 | |
| M70-1 | masl | | | 120.45 | 115.32 | 119.38 | 118.62 | 121.19 | 118.63 | 120.33 | 118.76 | 120.77 | 119.43 | 122.02 | 119.85 | 122.00 | |
| M70-2 | masl | | | 120.45 | 120.28 | 120.79 | 119.98 | 120.89 | 120.38 | 120.90 | 120.53 | 121.24 | 120.74 | 121.33 | 120.63 | 121.87 | |
| M70-3 | masl | | | 126.86 | 126.64 | 126.53 | | 126.86 | | 126.91 | | 126.87 | 126.62 | 126.87 | | 127.25 | |
| M71 | masl | | | | 119.45 | 120.22 | 119.00 | 122.31 | 119.28 | 122.42 | 119.90 | 123.23 | 120.43 | 123.88 | 120.66 | 123.38 | |
| M72 | masl | | | | 123.07 | 123.14 | 122.94 | 123.54 | 123.03 | 123.52 | 123.43 | 123.47 | 122.71 | 122.97 | 122.84 | 122.91 | |
| M73 | masl | | | | 123.12 | 123.20 | 123.00 | 123.60 | 123.10 | 123.60 | 123.51 | 123.55 | 122.79 | 123.05 | 122.92 | 122.98 | |
| M74 | masl | | | | 124.00 | 123.76 | 123.73 | 124.13 | 123.66 | 124.05 | 124.03 | 124.04 | 123.28 | 123.66 | 123.64 | 123.79 | |
| M75 | masl | | | | 123.13 | 122.75 | 123.19 | 122.75 | 123.44 | 122.77 | 123.45 | 122.81 | 123.38 | 122.87 | 123.39 | 122.94 | |
| M76 | masl | | | | 124.56 | 124.44 | | 124.33 | 124.29 | 124.35 | 124.29 | 124.38 | 124.32 | 124.47 | 124.21 | 124.21 | |
| M77 | masl | | | | 125.27 | 125.78 | 123.11 | 126.27 | 123.34 | 126.05 | 124.12 | 126.31 | 125.36 | 126.00 | 123.87 | 125.82 | |
| M78 | masl | | | | | 123.56 | 123.28 | 123.96 | 123.46 | 123.91 | 123.66 | 124.05 | 123.54 | 124.34 | 123.96 | 124.51 | |
| M79 | masl | | | | | 125.61 | 123.21 | 125.93 | 123.34 | 125.83 | 123.79 | 125.91 | 125.26 | 125.94 | 123.84 | 125.49 | |
| M80-1 | masl | | | | | | | | | | | | 122.04 | 123.04 | 122.93 | 123.09 | |
| M80-2 | masl | | | | | | | | | | | | 121.78 | 122.97 | 122.58 | 122.87 | |
| M81 | masl | | | | | | | | | | | | 123.73 | 123.94 | 124.50 | 124.55 | |
| Mini Piezor | masl | | | | | | | | | | | | | 121.64 | | 121.60 | |
| M82-1 | masl | | | | | | | | | | | | 106.29 | 122.39 | 122.00 | 121.89 | |
| M82-2 | masl | | | | | | | | | | | | 122.07 | 121.44 | 122.93 | | |
| M83 | masl | | | | | | | | | | | | 118.02 | 120.71 | 122.45 | 123.29 | |
| M84 | masl | | | | | | | | | | | | | 119.35 | 120.10 | 121.53 | |
| M85 | masl | | | | | | | | | | | | | 119.61 | 120.10 | 120.59 | |
| M86 | masl | | | | | | | | | | | | | 120.63 | 122.56 | 123.07 | |
| M87-1 | masl | | | | | | | | | | | | | | | 125.18 | |
| M87-2 | masl | | | | | | | | | | | | | | 123.71 | 124.23 | |
| M88-1 | masl | | | | | | | | | | | | | | | 125.65 | |
| M88-2 | masl | | | | | | | | | | | | | | 127.84 | 128.46 | |
| M89-1 | masl | | | | | | | | | | | | | | | 111.88 | |
| M89-2 | masl | | | | | | | | | | | | | | 128.96 | 129.35 | |
| M90-1 | masl | | | | | | | | | | | | | | 117.56 | 124.92 | |
| M90-2 | masl | | | | | | | | | | | | | | 119.50 | 121.32 | |
| M91-1 | masl | | | | | | | | | | | | | | | | |
| M91-2 | masl | | | | | | | | | | | | | | | | |
| M93 | masl | | | | | | | | | | | | | | | | |
| M94-1 | masl | | | | | | | | | | | | | | | | |
| M94-2 | masl | | | | | | | | | | | | | | | | |

| Name | Units | 3/25/99 | 11/29/99 | 5/23/00 | 10/19/00 | 5/03/01 | 11/13/01 | 5/21/02 | 11/18/02 | 5/26/03 | 10/22/03 | 4/30/04 | 11/08/04 | 4/29/05 | 10/31/05 | 5/23/06 | 5/29/06 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M95-1 | masl | | | | | | | | | | | | | | | | |
| M95-2 | masl | | | | | | | | | | | | | | | | |
| M96 | masl | | | | | | | | | | | | | | | | |
| M97 | masl | | | | | | | | | | | | | | | | |
| M98 | masl | | | | | | | | | | | | | | | | |
| M99-2 | masl | | | | | | | | | | | | | | | | |
| M100 | masl | | | | | | | | | | | | | | | | |
| M101 | masl | | | | | | | | | | | | | | | | |
| M102 | masl | | | | | | | | | | | | | | | | |
| M103 | masl | | | | | | | | | | | | | | | | |
| M104 | masl | | | | | | | | | | | | | | | | |
| OW1 | masl | | | 122.66 | 122.86 | 122.56 | 122.55 | 122.60 | 122.57 | 122.55 | 122.96 | | 122.87 | 122.70 | 122.76 | 122.66 | |
| OW36 | masl | 122.79 | | 122.87 | 122.88 | 122.71 | 122.62 | 122.94 | 122.68 | 122.87 | 122.80 | | 122.80 | 122.72 | 122.56 | 122.74 | |
| OW37-d | masl | 123.01 | | 123.11 | 123.01 | | 123.08 | | | | 123.09 | | | 122.69 | 122.66 | 123.00 | |
| OW37-s | masl | | | 122.33 | 122.07 | 122.10 | 121.98 | 122.24 | 122.00 | 122.16 | 122.19 | | | 122.32 | 122.20 | 122.14 | |
| OW4 | masl | | | 123.58 | 123.41 | 123.51 | 123.56 | 123.68 | 123.70 | 123.77 | 123.81 | | 123.70 | 123.84 | 123.78 | 123.71 | |
| OW45 | masl | | | | | | | | | | | | | | | | |
| OW49 | masl | | | | | | | | | | | | | | | | |
| OW5 | masl | | | 123.48 | | 122.31 | 123.44 | | | | | | | | | | |
| OW54-d | masl | | | 120.87 | 119.04 | 119.80 | 118.67 | 122.10 | 119.07 | 121.64 | 119.40 | | 119.90 | 123.51 | 120.23 | 123.00 | |
| OW54-i | masl | | | 120.90 | 119.04 | 119.81 | 118.68 | 122.22 | 119.08 | 121.58 | 119.40 | | 119.90 | 123.55 | 120.23 | 122.09 | |
| OW54-s | masl | | | 121.23 | 120.64 | 120.97 | 120.19 | 121.39 | 120.49 | 121.24 | 120.56 | | 121.49 | 121.45 | 120.72 | 121.96 | |
| OW55-d | masl | | | 121.81 | 122.01 | 122.06 | 122.01 | 122.15 | 122.29 | 122.14 | 122.36 | | 122.52 | 122.50 | 122.40 | 123.00 | |
| OW55-i | masl | | | 121.84 | 122.01 | 122.05 | 121.94 | 122.07 | 122.31 | 122.09 | 122.33 | | 122.43 | 122.46 | 122.40 | 122.98 | |
| OW55-s | masl | | | 121.70 | 120.85 | 121.87 | 121.44 | 121.44 | 121.58 | 121.82 | 121.33 | | 121.73 | 121.08 | 122.04 | 122.03 | |
| OW56-d | masl | | | 120.67 | 121.86 | 121.72 | 122.56 | 121.88 | 122.57 | 121.94 | 122.34 | | 122.71 | 122.02 | 122.86 | 122.73 | |
| OW56-i | masl | | | 120.61 | 121.85 | 121.72 | 122.56 | 121.88 | 122.57 | 121.94 | 122.31 | | 122.72 | 122.01 | 122.85 | 122.73 | |
| OW56-s | masl | | | 120.71 | 121.18 | 121.23 | 122.27 | 121.56 | 122.22 | 121.33 | 121.68 | | 122.57 | 121.80 | 122.86 | 122.47 | |
| OW57 | masl | 126.87 | | 128.13 | 127.75 | 128.09 | | 128.40 | 127.46 | 128.16 | 127.77 | | 127.82 | 128.16 | 127.91 | 129.67 | |
| OW58 | masl | | | | | | | | | | | | | | | | |
| PW1 | masl | | | 120.98 | 119.42 | 120.10 | 118.92 | 121.89 | 119.27 | 122.02 | 119.74 | | 120.35 | 123.22 | 120.62 | 122.81 | |
| PW2 | masl | | | 123.00 | 123.22 | 123.15 | 122.97 | 123.19 | 123.12 | 123.15 | 123.24 | | 123.32 | 123.15 | 123.02 | 123.14 | |

| Name | Units | 11/16/06 | 4/17/07 | 10/16/07 | 4/24/08 | 6/27/08 | 10/14/08 |
|---|---|---|---|---|---|---|---|
| 2054 | masl | 125.52 | 125.75 | 124.39 | 125.32 | 124.40 | 124.48 |
| 2055 | masl | 120.92 | 121.48 | 120.59 | 121.35 | 121.44 | 121.32 |
| M1-1 | masl | | | | | | |
| M1-2 | masl | | | | | | |
| M2-1 | masl | | | | | | |
| M2-2 | masl | | | | | | |
| M2-3 | masl | | | | | | |
| M3-1 | masl | | | | | | |
| M3-2 | masl | | | | | | |
| M3-3 | masl | | | | | | |
| M3A-1 | masl | 114.43 | 120.11 | 114.97 | 120.70 | 108.32 | 115.41 |
| M3A-2 | masl | 101.84 | 101.87 | 101.89 | 101.92 | 101.92 | 101.93 |
| M3A-3 | masl | 125.33 | 125.28 | 124.11 | 125.14 | 124.87 | 124.48 |
| M4-1 | masl | 95.52 | 95.52 | 95.63 | 95.60 | 95.59 | 95.60 |
| M4-2 | masl | 102.15 | 102.55 | 102.42 | 102.28 | 102.29 | 104.24 |
| M4-3 | masl | | 123.19 | 123.10 | 122.98 | 123.20 | 123.36 |
| M5-1 | masl | 109.44 | 117.73 | 114.72 | 120.20 | 104.88 | 121.21 |
| M5-3 | masl | 123.39 | 122.74 | 123.12 | 122.83 | 123.10 | 123.33 |
| M6-1 | masl | 100.02 | 122.99 | 102.57 | 107.05 | 102.89 | 112.62 |
| M6-2 | masl | | 122.14 | 106.03 | 109.49 | 105.79 | 109.66 |
| M6-3 | masl | | 123.51 | 122.23 | 123.49 | 122.82 | 123.43 |
| M7-1 | masl | | | | | | |
| M7-2 | masl | | | | | | |
| M7-3 | masl | | | | | | |
| M8-1 | masl | | | | | | |
| M8-2 | masl | | | | | | |
| M8-3 | masl | | | | | | |
| M9-1 | masl | 95.74 | 125.41 | 125.35 | 125.50 | 125.44 | 125.50 |
| M9-2 | masl | 124.18 | 124.98 | 118.74 | 123.54 | 120.62 | |
| M9-3 | masl | 124.24 | 125.01 | 118.56 | 123.29 | 120.47 | 119.71 |
| M9R-1 | masl | 119.58 | 120.36 | 120.02 | 120.24 | 119.03 | 125.28 |
| M10-1 | masl | 123.42 | 124.13 | 118.64 | 122.82 | 120.29 | 119.66 |
| M10-2 | masl | 123.37 | 123.99 | 123.09 | 122.96 | 121.02 | 125.11 |
| M10-3 | masl | 123.40 | 124.01 | 119.41 | 122.97 | 121.02 | 120.89 |
| M11-1 | masl | | | | | | |
| M11-2 | masl | | | | | | |
| M11-3 | masl | | | | | | |
| M12 | masl | 125.83 | 126.24 | 123.80 | 125.59 | 125.10 | 124.92 |
| M13 | masl | | | | | | |
| M14 | masl | 127.40 | 127.43 | | 126.89 | 126.17 | 125.86 |
| M15 | masl | 125.74 | 125.78 | | 125.23 | | |
| M16 | masl | 124.69 | 124.75 | 123.05 | 124.20 | 123.86 | 123.90 |
| M17 | masl | | | | | | |
| M18 | masl | 127.66 | 127.77 | | 127.30 | 126.59 | |
| M19 | masl | 128.87 | 129.02 | 125.43 | 128.55 | 127.82 | 126.74 |
| M20 | masl | | | | | | |
| M21 | masl | | | | | | |
| M22 | masl | | | | | | |
| M23 | masl | 127.48 | 127.64 | 124.78 | 127.41 | 126.44 | 125.62 |
| M24 | masl | | | | | | |
| M25 | masl | | | | | | |
| M26-1 | masl | | | | | | |
| M26-2 | masl | | | | | | |
| M27 | masl | 126.84 | 126.90 | 125.12 | 126.54 | 126.04 | 125.33 |
| M28 | masl | 126.58 | 126.63 | 122.27 | 126.10 | 125.30 | 125.50 |
| M29 | masl | 124.25 | 124.39 | | 124.38 | 124.21 | 123.89 |
| M30 | masl | 124.69 | 124.70 | 122.88 | 124.50 | 123.71 | 123.73 |
| M31 | masl | 124.36 | 124.38 | | 124.31 | 123.75 | 123.47 |
| M32 | masl | | | | | | |
| M33 | masl | | | | | | |
| M34 | masl | | | | | | |
| M35 | masl | 124.34 | 124.39 | | 124.29 | 123.55 | 123.46 |

| Name | Units | 11/16/06 | 4/17/07 | 10/16/07 | 4/24/08 | 6/27/08 | 10/14/08 |
|---|---|---|---|---|---|---|---|
| M36 | masl | | | | | | |
| M37 | masl | | | | | | |
| M38 | masl | 125.69 | 125.77 | 123.47 | 125.24 | 124.66 | 124.26 |
| M39 | masl | 123.84 | 123.83 | | 123.74 | | |
| M40 | masl | | | | | | |
| M41 | masl | 125.39 | 125.58 | 124.24 | 125.64 | 124.94 | 124.49 |
| M42-1 | masl | 73.48 | 74.15 | 72.00 | 72.80 | 73.06 | 73.48 |
| M42-2 | masl | 119.31 | 119.98 | 120.02 | 120.11 | 120.30 | 120.07 |
| M42-3 | masl | 122.83 | 122.98 | 122.06 | 122.93 | 122.69 | 122.34 |
| M43-1 | masl | 115.78 | 119.27 | 119.18 | 119.29 | 119.46 | 119.46 |
| M43-2 | masl | | | | 121.45 | 120.69 | 119.66 |
| M43-3 | masl | 119.44 | 120.57 | 118.60 | 120.19 | 119.76 | 118.71 |
| M44-1 | masl | | | | | | |
| M45-1 | masl | 116.29 | 117.01 | 116.94 | 117.38 | 117.51 | 117.53 |
| M45-2 | masl | 116.53 | 117.25 | 116.91 | 117.34 | 117.48 | 117.51 |
| M45-3 | masl | 118.98 | 119.54 | 119.28 | 119.86 | 120.02 | 120.14 |
| M46-1 | masl | | | | | | 108.97 |
| M46-2 | masl | 123.55 | 123.03 | 123.27 | 122.85 | 122.91 | 123.33 |
| M47-1 | masl | 123.42 | 123.62 | 123.68 | 123.75 | 119.95 | 123.67 |
| M47-2 | masl | 124.26 | 124.26 | 123.88 | 124.07 | 124.12 | 124.09 |
| M47-3 | masl | 124.89 | 125.00 | 122.82 | 124.84 | 124.25 | 124.01 |
| M48-1 | masl | 122.86 | 122.79 | 121.55 | 122.79 | 122.35 | 122.03 |
| M48-2 | masl | 121.29 | 123.26 | 121.93 | 123.04 | 122.67 | 122.41 |
| M48-3 | masl | 121.30 | 123.26 | 121.96 | 123.04 | 122.67 | 122.41 |
| M49-1 | masl | 123.98 | 124.92 | 118.33 | 123.23 | 120.46 | 119.67 |
| M49-2 | masl | 120.71 | 122.93 | 119.66 | 122.65 | 116.34 | 119.64 |
| M49-3 | masl | 119.08 | 119.25 | 119.37 | 119.53 | 119.59 | 119.67 |
| M50-1 | masl | 123.18 | 124.10 | 123.11 | 124.16 | 122.11 | 122.62 |
| M50-2 | masl | 123.24 | 124.18 | 123.18 | 124.25 | 122.15 | 122.68 |
| M50-3 | masl | 124.37 | 124.42 | 124.09 | 124.23 | 124.28 | 124.24 |
| M51-1 | masl | 102.99 | 103.26 | 103.51 | 104.24 | 103.39 | 103.54 |
| M51-2 | masl | 124.31 | 124.60 | 124.06 | 124.47 | 124.54 | 124.29 |
| M51-3 | masl | 125.17 | 125.23 | 124.59 | 125.52 | 124.61 | 125.12 |
| M52-1 | masl | 112.94 | 116.48 | 113.65 | 116.89 | 111.65 | 113.21 |
| M52-2 | masl | 121.63 | 122.08 | 120.91 | 122.28 | 122.09 | 121.27 |
| M52-3 | masl | 123.99 | 124.33 | 124.07 | 124.45 | 123.67 | 124.53 |
| M53-1 | masl | 123.39 | 124.14 | 118.66 | 122.74 | 120.41 | 119.79 |
| M53-2 | masl | 123.40 | 124.10 | 118.51 | 122.65 | 120.21 | 119.55 |
| M53-3 | masl | 123.26 | 123.49 | 119.53 | 123.17 | 121.11 | 120.64 |
| M53-4 | masl | 125.73 | 125.71 | | 125.12 | 124.54 | 124.41 |
| M54-1 | masl | 124.11 | 124.25 | 122.27 | 123.80 | 123.32 | 123.24 |
| M54-2 | masl | 117.58 | 124.03 | 122.65 | 123.98 | 123.63 | 123.43 |
| M54-3 | masl | 124.04 | 124.16 | 122.43 | 124.04 | 123.49 | 123.35 |
| M54-4 | masl | 123.92 | 123.98 | 122.39 | 123.53 | 123.14 | 123.29 |
| M55-1 | masl | 122.87 | 123.00 | 122.24 | 122.92 | 122.79 | 122.52 |
| M55-2 | masl | 106.06 | 114.22 | 118.35 | 120.25 | 120.70 | 121.16 |
| M55-3 | masl | | 109.81 | 109.97 | 110.29 | 111.53 | 111.73 |
| M55-4 | masl | 119.05 | 119.35 | 119.64 | 120.13 | 120.25 | 120.35 |
| M56-1 | masl | 108.27 | 108.59 | 108.47 | 108.52 | 108.67 | 108.53 |
| M56-2 | masl | 122.42 | 123.49 | 121.84 | 123.07 | 122.59 | 122.45 |
| M57 | masl | 122.81 | 123.02 | 118.49 | 123.01 | 120.82 | 119.58 |
| M58-1 | masl | 121.87 | 123.20 | 121.72 | 122.99 | 122.50 | 122.32 |
| M58-2 | masl | 98.09 | 100.94 | 100.28 | 103.66 | 99.26 | 101.01 |
| M58-3 | masl | 123.41 | 123.50 | 121.86 | 123.10 | 122.58 | 122.45 |
| M58-4 | masl | 125.19 | 125.22 | | 124.82 | 123.89 | 123.13 |
| M59-1 | masl | 124.46 | 124.53 | 123.86 | 124.39 | 124.33 | 124.14 |
| M59-2 | masl | 123.50 | 123.58 | 121.85 | 123.12 | 122.60 | 122.47 |
| M59-3 | masl | 123.46 | 123.54 | 121.83 | 123.09 | 122.59 | 122.44 |
| M59-4 | masl | 123.46 | 123.54 | 121.83 | 123.10 | 122.59 | 122.44 |
| M60-1 | masl | 123.94 | 124.42 | 123.92 | 124.51 | 124.40 | 124.25 |
| M60-2 | masl | 123.80 | 123.80 | 123.79 | 123.78 | 123.79 | 123.77 |
| M60-3 | masl | 124.34 | 124.36 | 124.33 | 124.34 | 124.35 | 124.34 |

| Name | Units | 11/16/06 | 4/17/07 | 10/16/07 | 4/24/08 | 6/27/08 | 10/14/08 |
|---|---|---|---|---|---|---|---|
| M60-4 | masl | 124.43 | 124.64 | 123.37 | 124.29 | 124.15 | 123.96 |
| M61-1 | masl | 125.05 | 125.02 | 122.91 | 124.76 | 124.10 | 123.80 |
| M61-2 | masl | 100.79 | 101.38 | 101.97 | 102.88 | 103.27 | 103.84 |
| M61-3 | masl | 125.58 | 125.83 | 123.22 | 124.83 | 124.37 | 124.25 |
| M61-4 | masl | 125.78 | 125.61 | 125.59 | 125.41 | 125.46 | 125.67 |
| M62-1 | masl | 126.16 | 126.32 | 124.92 | 126.23 | 126.03 | 125.67 |
| M62-2 | masl | 126.14 | 126.37 | 125.48 | 126.36 | 126.26 | 126.00 |
| M62-3 | masl | 125.93 | 125.94 | 124.84 | 125.72 | 125.62 | 125.45 |
| M62-4 | masl | 125.79 | 125.93 | 125.09 | 125.95 | 126.14 | 125.55 |
| M63-1 | masl | 122.24 | 122.26 | 121.12 | 122.05 | 121.72 | 121.57 |
| M63-2 | masl | 122.06 | 121.80 | 120.47 | 121.44 | 121.27 | 121.17 |
| M64-1 | masl | 113.66 | 113.79 | 111.63 | 113.87 | 112.92 | 112.63 |
| M64-2 | masl | 118.84 | 119.04 | 118.24 | 118.85 | 118.77 | 118.60 |
| M65-1 | masl | 121.02 | 121.26 | 121.59 | 121.70 | 121.79 | 121.87 |
| M65-2 | masl | 123.37 | 123.60 | 122.35 | 122.83 | 122.84 | 122.75 |
| M66-1 | masl | 119.62 | 119.77 | 120.03 | 120.22 | 120.30 | 120.49 |
| M66-2 | masl | 123.41 | 123.46 | 122.09 | 123.18 | 122.45 | 122.57 |
| M67-1 | masl | 122.36 | 122.50 | 122.27 | 122.65 | 122.79 | 122.60 |
| M67-2 | masl | 122.47 | 122.67 | 121.84 | 122.64 | 122.57 | 122.07 |
| M68-1 | masl | 124.53 | 124.44 | 124.56 | 124.29 | 124.31 | 124.50 |
| M68-2 | masl | 124.51 | 124.40 | 124.33 | 124.24 | 124.23 | 124.36 |
| M68-3 | masl | 124.14 | 124.04 | 123.91 | 124.02 | 124.04 | 123.91 |
| M68-4 | masl | 124.28 | 124.29 |  | 124.14 | 123.37 | 123.39 |
| M69-1 | masl | 125.28 | 125.27 | 124.14 | 125.08 | 125.02 | 124.81 |
| M69-2 | masl | 125.57 | 125.58 | 125.43 | 125.38 | 125.44 | 125.46 |
| M69-3 | masl | 125.52 | 125.83 | 124.89 | 125.68 | 125.69 | 125.58 |
| M69-4 | masl | 125.89 | 125.91 |  | 125.60 | 125.07 | 125.34 |
| M70-1 | masl | 122.64 | 122.96 | 118.38 | 121.92 | 119.99 | 119.32 |
| M70-2 | masl | 121.51 | 121.99 | 120.77 | 122.07 | 121.84 | 121.10 |
| M70-3 | masl | 127.33 | 127.33 |  | 127.24 | 126.29 |  |
| M71 | masl | 124.07 | 124.97 | 118.58 | 123.25 | 120.44 | 119.67 |
| M72 | masl | 123.23 | 123.30 | 121.65 | 122.90 | 122.39 | 122.25 |
| M73 | masl | 123.30 | 123.37 | 121.71 | 122.96 | 122.45 | 122.32 |
| M74 | masl | 124.05 | 123.96 | 122.82 | 123.83 | 124.50 | 122.97 |
| M75 | masl | 123.54 | 123.11 | 123.36 | 122.85 | 123.01 | 123.41 |
| M76 | masl | 124.25 | 124.52 | 124.00 | 124.15 | 124.22 | 124.16 |
| M77 | masl | 126.42 | 126.71 | 123.06 | 126.29 | 125.28 | 124.42 |
| M78 | masl | 124.78 | 124.88 | 122.84 | 124.32 | 123.89 | 123.77 |
| M79 | masl | 125.84 | 125.96 | 122.29 | 125.70 | 124.84 | 124.11 |
| M80-1 | masl | 123.42 | 123.49 | 121.86 | 123.09 | 122.59 | 122.46 |
| M80-2 | masl | 123.17 | 123.23 | 120.76 | 122.98 | 122.17 | 122.04 |
| M81 | masl | 124.76 | 124.85 | 123.14 | 124.65 | 123.86 | 123.89 |
| Mini Piezor | masl | 122.78 | 122.06 |  | 121.65 | 121.16 |  |
| M82-1 | masl | 121.50 | 122.84 | 121.78 | 122.88 | 122.56 | 122.39 |
| M82-2 | masl |  |  |  | 122.94 | 122.47 | 122.34 |
| M83 | masl | 123.07 | 123.09 | 123.25 | 123.13 | 122.04 | 122.99 |
| M84 | masl | 119.60 | 120.76 | 121.38 | 121.73 | 121.85 | 121.81 |
| M85 | masl | 120.01 | 120.39 | 120.94 | 121.69 | 122.14 | 122.40 |
| M86 | masl | 122.30 | 122.89 | 123.66 | 123.13 | 123.49 | 123.77 |
| M87-1 | masl | 125.11 | 125.18 | 124.15 | 125.25 | 124.80 | 124.32 |
| M87-2 | masl | 124.59 | 124.79 | 122.19 | 124.46 | 123.62 | 123.21 |
| M88-1 | masl | 125.73 | 128.51 | 124.52 | 125.97 | 125.48 | 125.05 |
| M88-2 | masl | 128.88 | 126.57 | 126.07 | 128.42 | 127.70 | 127.06 |
| M89-1 | masl | 111.48 | 111.57 | 111.65 | 111.71 | 111.74 | 111.79 |
| M89-2 | masl | 129.70 | 129.90 | 127.11 | 129.66 | 128.70 | 128.15 |
| M90-1 | masl | 124.80 | 125.01 | 123.16 | 124.80 | 124.32 | 124.19 |
| M90-2 | masl | 123.11 | 125.24 | 125.04 | 125.40 | 124.40 | 125.38 |
| M91-1 | masl | 126.33 | 123.45 | 121.84 | 123.10 | 122.74 | 122.48 |
| M91-2 | masl | 117.76 | 118.16 | 118.98 | 119.89 | 120.37 | 121.08 |
| M93 | masl | 125.07 | 124.75 | 124.77 | 124.51 | 124.58 | 124.84 |
| M94-1 | masl | 123.39 | 124.14 | 124.17 | 124.07 | 124.17 | 124.27 |
| M94-2 | masl | 119.19 |  | 122.55 | 123.07 | 123.49 | 123.78 |

| Name | Units | 11/16/06 | 4/17/07 | 10/16/07 | 4/24/08 | 6/27/08 | 10/14/08 |
|---|---|---|---|---|---|---|---|
| M95-1 | masl | 123.38 | 123.40 | 122.20 | 123.00 | 122.50 | 122.37 |
| M95-2 | masl | 118.67 | 120.07 | 121.38 | 122.99 | 123.10 | 122.82 |
| M96 | masl | | | | | 128.01 | 127.31 |
| M97 | masl | | | | | 124.68 | 123.96 |
| M98 | masl | | | | | 129.36 | 129.10 |
| M99-2 | masl | | | | | 129.63 | 129.22 |
| M100 | masl | | | | | 124.81 | 124.29 |
| M101 | masl | | | | | 123.65 | 123.62 |
| M102 | masl | | | | | 123.56 | 123.35 |
| M103 | masl | | | | | 123.20 | 123.30 |
| M104 | masl | | | | | 120.00 | 123.40 |
| OW1 | masl | 122.89 | 122.71 | 122.52 | 122.52 | 122.82 | 122.86 |
| OW36 | masl | 122.77 | 122.74 | 122.25 | 122.71 | 122.65 | 122.47 |
| OW37-d | masl | | | | 122.00 | 121.75 | 122.08 |
| OW37-s | masl | 122.46 | 122.51 | 121.51 | 122.15 | 121.90 | 121.82 |
| OW4 | masl | 123.76 | 123.69 | 122.48 | 123.71 | 123.05 | 123.25 |
| OW45 | masl | | | | | | |
| OW49 | masl | | | | | | |
| OW5 | masl | | | | | | |
| OW54-d | masl | 123.58 | 124.38 | 118.15 | 122.86 | 120.04 | 119.40 |
| OW54-i | masl | 123.59 | 124.39 | 118.15 | 122.90 | 120.05 | 119.40 |
| OW54-s | masl | 120.76 | 121.72 | 121.24 | 122.13 | 120.91 | 121.41 |
| OW55-d | masl | 123.04 | 123.17 | 123.03 | 122.91 | 122.94 | 122.95 |
| OW55-i | masl | 123.04 | 123.17 | 122.92 | 122.76 | 122.98 | 122.96 |
| OW55-s | masl | 122.33 | 122.50 | 121.89 | 122.03 | 122.63 | 122.85 |
| OW56-d | masl | 123.40 | 122.78 | 123.09 | 122.69 | 122.08 | 123.13 |
| OW56-i | masl | 123.40 | 122.78 | 123.09 | 122.69 | 122.08 | 123.13 |
| OW56-s | masl | 122.89 | 122.07 | 122.02 | 122.01 | 120.89 | 121.98 |
| OW57 | masl | 129.76 | 129.89 | 128.74 | 129.66 | 129.44 | 129.17 |
| OW58 | masl | | | | | | |
| PW1 | masl | 123.41 | 124.13 | 118.54 | 122.72 | 120.29 | 119.61 |
| PW2 | masl | 121.98 | 122.91 | 122.90 | 123.01 | 123.05 | 123.03 |

# Appendix B

## Inorganic and Selected Organic Groundwater Chemistry (LIL And LILb Parameters)

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo(b,k)fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2054 | 7/1/1994 | | | | | | | | | | | | | ND | | | | | | | | | | |
| 2054 | 7/6/1994 | | | | | | | | | 200 | ND | | | | | | | | | | ND | 0.64 | ND | 29.1 |
| 2054 | 11/25/1994 | | | | | | | | | 170 | ND | 1.4 | | ND | | | | | | | 7.4 | | ND | 14.1 |
| 2054 | 4/3/1995 | | | | | | | | | | ND | | | | | | | | | | | | ND | 12 |
| 2054 | 4/20/1995 | | | | | | | | | 174 | | 1.57 | | | | | | | | | 3 | | | |
| 2054 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| 2054 | 11/2/1995 | | | | | | | | | 186 | | 2 | | | | | | | | | 1 | | | |
| 2054 | 11/3/1995 | | | | | | | | | | ND | | | ND | | | | | | | | | ND | 11 |
| 2054 | 4/1/1996 | ND | ND | ND | ND | | | ND | ND | 166 | ND | 3.09 | ND | 0.0011 | ND | ND | ND | | ND | | 5 | | ND | 61 |
| 2054 | 11/1/1996 | ND | ND | ND | ND | | | | | 168 | 0.03 | 2.4 | | ND | | | | | | | 8 | | ND | 17 |
| 2054 | 5/1/1997 | ND | ND | ND | ND | | | ND | ND | 184 | ND | 0.78 | ND | ND | ND | ND | ND | | ND | | | | ND | 14 |
| 2054 | 10/1/1997 | ND | ND | ND | ND | | | ND | ND | 188 | | 2.12 | ND | ND | ND | ND | ND | | ND | | 10 | | | |
| 2054 | 11/1/1997 | | | | | | | | | | ND | | | | | | | | | | | | ND | 13 |
| 2054 | 5/8/1998 | ND | ND | ND | ND | | | ND | ND | 199 | ND | 14.2 | ND | 0.0045 | ND | ND | ND | | ND | | ND | | ND | 30 |
| 2054 | 11/18/1998 | ND | ND | ND | ND | | | ND | ND | 199 | ND | 3.22 | ND | 0.0035 | ND | ND | ND | | ND | | 2 | | ND | 38 |
| 2054 | 5/12/1999 | ND | ND | ND | ND | | | ND | ND | 184 | ND | 2.63 | ND | ND | ND | ND | ND | | ND | | ND | | ND | 8 |
| 2054 | 11/18/1999 | | | | | | | | | 199 | ND | 3.22 | | | | | | | | | 2 | | ND | 38 |
| 2054 | 12/2/1999 | | | | | | | | | | ND | | | | | | | | | | | | ND | 10 |
| 2054 | 12/3/1999 | ND | ND | ND | ND | | | ND | ND | 175 | | 3.2 | ND | ND | ND | ND | ND | | ND | | 2 | | | |
| 2054 | 5/26/2000 | ND | ND | ND | ND | | | ND | ND | 198 | ND | 1.6 | ND | ND | ND | ND | ND | | ND | | ND | | ND | 12 |
| 2054 | 11/29/2000 | ND | ND | ND | ND | | | ND | ND | 190 | ND | 2.3 | ND | ND | ND | ND | ND | | ND | | 1 | | ND | 11 |
| 2054 | 5/16/2001 | ND | ND | ND | ND | | | ND | ND | 182 | ND | 1.93 | ND | ND | ND | ND | ND | | ND | | ND | | ND | 9 |
| 2054 | 12/1/2001 | ND | ND | ND | ND | | | ND | ND | | | | ND | ND | ND | ND | ND | | ND | | | | | |
| 2054 | 12/7/2001 | | | | | | | | | 195 | ND | ND | | | | | | | | | 4 | | ND | 40 |
| 2054 | 5/29/2002 | ND | ND | ND | ND | | | ND | ND | 206 | ND | 2.43 | ND | ND | ND | ND | ND | | ND | | 2 | | ND | 9 |
| 2054 | 11/21/2002 | ND | ND | ND | ND | | | ND | ND | 209 | ND | 2.96 | ND | 0.004 | ND | ND | ND | | ND | | ND | | ND | 42 |
| 2054 | 5/29/2003 | < 0.004 | < 0.004 | < 0.005 | < 0.004 | | | < 0.0001 | < 0.0001 | 113 | 0.04 | 23 | < 0.0001 | 0.009 | | < 0.0001 | < 0.0001 | < 0.0001 | < 0.0002 | < 0.0001 | < 1 | | < 0.001 | 1450 |
| 2054 | 10/23/2003 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | < 0.0017 | < 0.0015 | 167 | 0.02 | 14.8 | < 0.0018 | 0.0038 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 3 | | < 0.001 | 779 |
| 2054 | 5/6/2004 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | < 0.0017 | < 0.0015 | 174 | < 0.1 | 12.6 | < 0.0018 | 0.0053 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 10 | | < 0.001 | 656 |
| 2054 | 11/11/2004 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | < 0.0017 | < 0.0015 | 164 | < 0.01 | 11.8 | < 0.0018 | 0.0037 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 16 | | < 0.0001 | 711 |
| 2054 | 5/3/2005 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | < 0.0002 | < 0.0002 | < 0.0017 | < 0.0015 | 152 | 0.04 | 13.2 | < 0.0018 | 0.0052 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 11 | | < 0.001 | 696 |
| 2054 | 11/2/2005 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 152 | < 0.1 | 13 | < 0.0002 | 0.0047 | | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 1 | | < 0.001 | 950 |
| 2054 | 5/31/2006 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 200 | 0.03 | 2.26 | < 0.0002 | < 0.0005 | | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 2 | 0.7 | < 0.0001 | 74 |
| 2054 | 11/16/2006 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 148 | < 0.1 | 10.3 | < 0.0002 | 0.0033 | | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 11 | | < 0.001 | 723 |
| 2054 | 4/20/2007 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 206 | 0.01 | 2.53 | < 0.0002 | 0.003 | | < 0.0002 | < 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | 4 | | < 0.0001 | 36 |
| 2054 | 4/30/2008 | < 0.0001 | < 0.0001 | < 0.0001 | < 0.0002 | < 0.00005 | < 0.00005 | < 0.00005 | < 0.00005 | 198 | < 0.02 | 2.05 | < 0.00005 | 0.0022 | | < 0.00005 | < 0.00001 | < 0.00005 | < 0.0001 | < 0.00005 | 5 | | < 0.0001 | 21 |
| 2054 | 11/19/2008 | < 0.0001 | < 0.0001 | < 0.0001 | < 0.0002 | < 0.00005 | < 0.00005 | < 0.00005 | < 0.00005 | 171 | < 0.02 | 2.05 | < 0.00005 | 0.0002 | | < 0.00005 | < 0.00001 | < 0.00005 | < 0.0001 | < 0.00005 | 3 | | < 0.0001 | 54 |
| 2055 | 7/1/1994 | | | | | | | | | | | | | ND | | | | | | | | | | |
| 2055 | 7/6/1994 | | | | | | | | | 330 | ND | 0.07 | | | | | | | | | ND | ND | ND | 98.5 |
| 2055 | 11/25/1994 | | | | | | | | | 320 | ND | ND | | | | | | | | | ND | | ND | 82.2 |
| 2055 | 4/3/1995 | | | | | | | | | | ND | | | | | | | | | | | | ND | 118 |
| 2055 | 4/20/1995 | | | | | | | | | 327 | | 0.12 | | | | | | | | | ND | | | |
| 2055 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| 2055 | 11/2/1995 | | | | | | | | | 333 | | 0.12 | | | | | | | | | 3 | | | |
| 2055 | 11/3/1995 | | | | | | | | | | ND | | | ND | | | | | | | | | 0.009 | 114 |
| 2055 | 4/1/1996 | 0.0122 | 0.0258 | ND | | | | ND | ND | 332 | ND | 0.16 | ND | ND | ND | ND | ND | | ND | | ND | | ND | 110 |
| 2055 | 11/1/1996 | 0.006 | 0.0317 | 0.0006 | ND | | | | | 341 | 0.32 | 0.13 | | ND | | | | | | | ND | | ND | 122 |
| 2055 | 5/1/1997 | | | | | | | | | 338 | ND | 0.11 | | ND | | | | | | | 3 | | ND | 122 |
| 2055 | 10/1/1997 | 0.0037 | 0.0237 | 0.0007 | ND | | | ND | ND | 327 | ND | 0.16 | ND | ND | ND | ND | ND | | ND | | ND | | ND | 131 |
| 2055 | 5/8/1998 | 0.0051 | 0.0269 | 0.0007 | ND | | | ND | ND | 357 | ND | 0.25 | ND | ND | ND | ND | ND | | ND | | ND | | ND | 134 |
| 2055 | 11/18/1998 | | | | | | | | | 377 | ND | 0.2 | | ND | | | | | | | ND | | ND | 138 |
| 2055 | 2/2/1999 | 0.009 | 0.022 | 0.0009 | ND | | | | | 711 | 0.04 | 17.3 | | 0.0024 | | | | | | | | 0.84 | 0.01 | 263 |
| 2055 | 11/18/1999 | | | | | | | | | 377 | ND | 0.2 | | | | | | | | | ND | | ND | 138 |
| 2055 | 12/2/1999 | | | | | | | | | | ND | | | | | | | | | | | | ND | 1580 |
| 2055 | 12/3/1999 | ND | ND | ND | ND | | | ND | ND | 184 | | 8.8 | ND | 0.0038 | ND | ND | ND | | ND | | ND | | | |
| 2055 | 5/26/2000 | ND | ND | ND | ND | | | ND | ND | 166 | ND | 0.15 | ND | ND | ND | ND | ND | | ND | | 7 | | ND | 1360 |
| 2055 | 11/22/2000 | ND | 0.0035 | ND | ND | | | ND | ND | 142 | 0.2 | 14.8 | ND | 0.0855 | ND | ND | ND | | ND | | 24 | | 0.0003 | 4330 |
| 2055 | 5/14/2001 | ND | ND | ND | ND | | | ND | ND | 172 | ND | 17.4 | ND | 0.0068 | ND | ND | ND | | ND | | 10 | | ND | 5230 |
| 2055 | 12/1/2001 | ND | ND | ND | ND | | | ND | ND | 144 | ND | 14.2 | ND | ND | ND | ND | ND | | ND | | 10 | | ND | 3910 |
| 2055 | 5/29/2002 | ND | ND | ND | ND | | | ND | ND | 175 | ND | 12 | ND | ND | ND | ND | ND | | ND | | 14 | | ND | 3440 |
| 2055 | 11/21/2002 | ND | ND | ND | ND | | | ND | ND | 149 | 0.01 | 20 | ND | 0.0206 | ND | ND | ND | | ND | | 7 | | ND | 4890 |
| 2055 | 5/29/2003 | < 0.0004 | 0.0011 | < 0.0005 | < 0.0004 | | | < 0.0001 | < 0.0001 | 185 | 0.02 | 18.6 | < 0.0001 | < 0.0005 | | < 0.0001 | < 0.0001 | < 0.0001 | < 0.0002 | < 0.0001 | 8 | | < 0.001 | 3030 |
| 2055 | 10/23/2003 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | < 0.0017 | < 0.0015 | 132 | 0.02 | 16.8 | < 0.0018 | 0.0401 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 5 | | < 0.001 | 5060 |
| 2055 | 5/4/2004 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | < 0.0017 | < 0.0015 | 137 | 0.01 | 0.98 | < 0.0018 | 0.0615 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 20 | | < 0.001 | 5680 |
| 2055 | 11/12/2004 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | < 0.0017 | < 0.0015 | 137 | < 0.01 | 22.3 | < 0.0018 | 0.0541 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 3 | 0.85 | 0.0002 | 6700 |
| 2055 | 5/3/2005 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | < 0.0002 | < 0.0002 | < 0.0017 | < 0.0015 | 129 | 0.02 | 20.1 | < 0.0018 | 0.0662 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | | < 0.001 | 5390 |
| 2055 | 11/2/2005 | <0.0021 | <0.0035 | <0.0016 | <0.0024 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 126 | <0.1 | 21.6 | <0.0002 | 0.0321 | | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 3 | | <0.001 | 6110 |
| 2055 | 5/30/2006 | < 0.0004 | 0.0018 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 161 | 7 | 16.8 | < 0.0002 | 0.055 | | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 9 | 2 | < 0.01 | 5050 |
| 2055 | 11/16/2006 | < 0.0004 | 0.0009 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 236 | < 0.1 | 8.06 | < 0.0002 | 0.0382 | | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 9 | | < 0.001 | 2960 |
| 2055 | 4/20/2007 | < 0.0004 | 0.0023 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 152 | < 1 | 17.8 | < 0.0002 | 0.0738 | | < 0.0002 | 0.00002 | < 0.0002 | < 0.0002 | < 0.0002 | 2 | | < 0.01 | 5310 |
| M10-1 | 6/19/1991 | | | | | | | | | 298 | | ND | | | | | | | | | ND | 0.4 | ND | 91 |
| M10-1 | 7/1/1991 | 0.036 | 0.035 | ND | 0.002 | | | | | | | | | ND | | | | | | | | | | |

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo(b,k)fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M10-1 | 10/8/1991 | | | | | | | | | 420 | | 0.16 | | | | | | | | | 9 | 0.9 | ND | 55 |
| M10-1 | 11/1/1991 | 0.03 | 0.024 | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M10-1 | 7/1/1992 | 0.034 | 0.026 | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M10-1 | 7/27/1992 | | | | | | | | | 258 | ND | ND | | | | | | | | | ND | ND | ND | 100 |
| M10-1 | 5/1/1993 | 0.025 | 0.031 | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M10-1 | 5/13/1993 | | | | | | | | | 308 | ND | 0.04 | | | | | | | | | ND | 0.07 | ND | 95 |
| M10-1 | 7/1/1994 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M10-1 | 7/6/1994 | | | | | | | | | 280 | ND | 1.2 | | | | | | | | | ND | 0.11 | ND | 103 |
| M10-1 | 4/20/1995 | | | | | | | | | 347 | ND | 0.02 | | | | | | | | | ND | | ND | 132 |
| M10-1 | 4/21/1995 | 0.0211 | 0.0231 | 0.0016 | ND | | | | | | | | | ND | | | | | | | | | | |
| M10-1 | 4/1/1996 | 0.0281 | 0.026 | 0.0017 | ND | | | | | 345 | ND | 0.04 | | ND | | | | | | | ND | | ND | 119 |
| M10-1 | 4/1/1997 | | | | | | | | | | ND | | | | | | | | | | | | ND | 102 |
| M10-1 | 5/1/1997 | | | | | | | | | 340 | | ND | | ND | | | | | | | 6 | | | |
| M10-1 | 5/8/1998 | | | | | | | | | 359 | ND | 0.1 | | ND | | | | | | | 2 | | ND | 129 |
| M10-1 | 5/10/1999 | 0.0277 | 0.025 | 0.0009 | ND | | | | | 435 | ND | 0.06 | | ND | | | | | | | 1 | | ND | 193 |
| M10-1 | 12/3/1999 | | | | | | | | | 368 | ND | ND | | ND | | | | | | | ND | | ND | 87 |
| M10-1 | 5/24/2000 | | | | | | | | | 373 | ND | 0.06 | | ND | | | | | | | ND | | ND | 185 |
| M10-1 | 5/14/2001 | | | | | | | | | 215 | ND | 0.08 | | ND | | | | | | | 2 | | ND | 83 |
| M10-1 | 6/18/2002 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M10-1 | 6/19/2002 | | | | | | | | | 552 | ND | 0.19 | | | | | | | | | 6 | | ND | 195 |
| M10-1 | 5/29/2003 | | | | | | | | | 626 | 0.01 | 0.13 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 244 |
| M10-1 | 5/4/2004 | | | | | | | | | 543 | < 0.01 | 0.15 | | < 0.0013 | | | | | | | 6 | | < 0.001 | 177 |
| M10-1 | 5/4/2005 | | | | | | | | | 553 | 0.01 | 0.16 | | < 0.0013 | | | | | | | 5 | | < 0.0001 | 197 |
| M10-1 | 6/2/2006 | | | | < 0.0004 | | | | | 566 | 0.06 | 0.18 | | < 0.0005 | | | | | | | 2 | 0.24 | < 0.0001 | 184 |
| M10-1 | 4/18/2007 | | | | | | | | | 593 | 0.01 | 0.11 | | < 0.0005 | | | | | | | 2 | | < 0.0001 | 183 |
| M10-1 | 1/5/2008 | | | | | | | | | 466 | < 0.02 | 0.22 | | 0.0002 | | | | | | | < 2 | | < 0.0001 | 140 |
| M10-2 | 7/1/1991 | 0.001 | 0.0013 | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M10-2 | 7/5/1991 | | | | | | | | | 308 | | 0.72 | | | | | | | | | 6 | 1.05 | ND | 20 |
| M10-2 | 10/8/1991 | | | | | | | | | 126 | | 1.63 | | | | | | | | | 9 | | | |
| M10-2 | 10/10/1991 | | | | | | | | | | | | | | | | | | | | | 0.7 | ND | 34 |
| M10-2 | 11/1/1991 | ND | 0.0013 | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M10-2 | 7/27/1992 | | | | | | | | | 428 | ND | 1.34 | | | | | | | | | 7 | 1.39 | ND | 19 |
| M10-2 | 5/13/1993 | | | | | | | | | 380 | ND | 0.66 | | | | | | | | | 1 | 0.78 | ND | 47 |
| M10-2 | 7/1/1994 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M10-2 | 7/6/1994 | | | | | | | | | 470 | ND | 4.2 | | | | | | | | | ND | 1.27 | ND | 14 |
| M10-2 | 4/20/1995 | | | | | | | | | 470 | ND | 1.29 | | | | | | | | | 7 | | ND | 12 |
| M10-2 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M10-2 | 4/1/1996 | | | | | | | | | 422 | ND | 1.07 | | ND | | | | | | | 3 | | ND | 28 |
| M10-2 | 4/1/1997 | | | | | | | | | | | | | | | | | | | | | | ND | 28 |
| M10-2 | 5/1/1997 | | | | | | | | | 372 | | 0.43 | | ND | | | | | | | | | | |
| M10-2 | 5/8/1998 | | | | | | | | | 368 | ND | 0.87 | | ND | | | | | | | 2 | | ND | 29 |
| M10-2 | 5/10/1999 | | | | | | | | | 385 | ND | 0.85 | | ND | | | | | | | 2 | | ND | 40 |
| M10-2 | 5/24/2000 | | | | | | | | | 371 | ND | 0.53 | | ND | | | | | | | 4 | | ND | 37 |
| M10-2 | 5/14/2001 | | | | | | | | | 419 | ND | 0.77 | | ND | | | | | | | 8 | | ND | 23 |
| M10-2 | 6/18/2002 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M10-2 | 6/19/2002 | | | | | | | | | 386 | ND | 0.92 | | | | | | | | | 7 | | ND | 21 |
| M10-2 | 5/29/2003 | | | | | | | | | 437 | < 0.01 | 1.28 | | < 0.0005 | | | | | | | 3 | | < 0.001 | 18 |
| M10-2 | 5/4/2004 | | | | | | | | | 392 | 0.03 | 0.89 | | < 0.0013 | | | | | | | 4 | | < 0.001 | 43 |
| M10-2 | 5/4/2005 | | | | | | | | | 386 | 0.01 | 0.77 | | < 0.0013 | | | | | | | 7 | | < 0.0001 | 37 |
| M10-2 | 6/2/2006 | | | | < 0.0004 | | | | | 362 | 0.02 | 0.9 | | < 0.0005 | | | | | | | 1 | 0.66 | < 0.0001 | 36 |
| M10-2 | 4/18/2007 | | | | | | | | | 368 | 0.01 | 0.98 | | < 0.0005 | | | | | | | 3 | | < 0.0001 | 29 |
| M10-2 | 1/5/2008 | | | | | | | | | 410 | < 0.02 | 1.11 | | < 0.0001 | | | | | | | < 2 | | < 0.0001 | 34 |
| M10-3 | 6/17/1991 | | | | | | | | | 99 | | 0.62 | | | | | | | | | 12 | 0.55 | ND | 30 |
| M10-3 | 7/1/1991 | 0.009 | 0.003 | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M10-3 | 10/8/1991 | | | | | | | | | 154 | | 0.32 | | | | | | | | | 5 | | | |
| M10-3 | 10/10/1991 | | | | | | | | | | | | | | | | | | | | | 0.8 | ND | 30 |
| M10-3 | 11/1/1991 | ND | ND | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M10-3 | 7/29/1992 | | | | | | | | | 316 | ND | 1.16 | | | | | | | | | 3 | 0.45 | ND | 78 |
| M10-3 | 5/13/1993 | | | | | | | | | 302 | ND | 0.07 | | | | | | | | | ND | 0.31 | ND | 83 |
| M10-3 | 4/20/1995 | | | | | | | | | 370 | ND | 0.08 | | | | | | | | | 1 | | ND | 53 |
| M10-3 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M10-3 | 4/1/1996 | | | | | | | | | 349 | ND | 0.04 | | ND | | | | | | | 4 | | ND | 53 |
| M10-3 | 4/1/1997 | | | | | | | | | | ND | | | | | | | | | | | | ND | 49 |
| M10-3 | 5/1/1997 | | | | | | | | | 293 | | 0.42 | | ND | | | | | | | 5 | | | |
| M10-3 | 5/8/1998 | | | | | | | | | 479 | ND | 0.58 | | ND | | | | | | | 11 | | ND | 34 |
| M10-3 | 5/10/1999 | | | | | | | | | 292 | ND | 0.86 | | ND | | | | | | | 2 | | ND | 59 |
| M10-3 | 5/14/2001 | | | | | | | | | 301 | ND | 1.07 | | ND | | | | | | | 5 | | ND | 41 |
| M10-3 | 6/18/2002 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M10-3 | 6/19/2002 | | | | | | | | | 319 | ND | 1.48 | | | | | | | | | 4 | | ND | 43 |
| M10-3 | 5/29/2003 | | | | | | | | | 321 | < 0.01 | 1.54 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 45 |

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo(b,k)fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M10-3 | 10/24/2003 | | | | < 0.0024 | | | | | | | | | | | | | | | | | | | |
| M10-3 | 5/4/2004 | | | | < 0.0024 | | | | | 314 | < 0.01 | 2 | | < 0.0013 | | | | | | | 3 | 0.64 | < 0.001 | 49 |
| M10-3 | 5/4/2005 | | | | < 0.0024 | | | | | 314 | 0.01 | 1.06 | | < 0.0013 | | | | | | | < 1 | 0.69 | < 0.0001 | 48 |
| M10-3 | 6/2/2006 | | | | < 0.0004 | | | | | 311 | 0.02 | 1.09 | | < 0.0005 | | | | | | | 1 | 0.59 | < 0.0001 | 53 |
| M10-3 | 4/18/2007 | | | | | | | | | 319 | 0.01 | 1.22 | | < 0.0005 | | | | | | | 4 | | < 0.0001 | 45 |
| M10-3 | 1/5/2008 | | | | < 0.0002 | | | | | 405 | < 0.02 | 1.19 | | < 0.0001 | | | | | | | 7 | 0.74 | < 0.0001 | 59 |
| M12 | 6/21/1991 | | | | | | | | | 216 | | ND | | | | | | | | | 4 | | ND | 48 |
| M12 | 7/1/1991 | ND | ND | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M12 | 7/24/1992 | | | | | | | | | 212 | | ND | | | | | | | | | ND | | | |
| M12 | 8/24/1992 | | | | | | | | | | ND | | | | | | | | | | | ND | ND | 83 |
| M12 | 5/12/1993 | | | | | | | | | 171 | ND | ND | | | | | | | | | ND | ND | ND | 70 |
| M12 | 7/1/1994 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M12 | 7/6/1994 | | | | | | | | | 270 | ND | 0.06 | | | | | | | | | | ND | ND | 86 |
| M12 | 4/20/1995 | | | | | | | | | 226 | ND | ND | | | | | | | | | 2 | | ND | 106 |
| M12 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M12 | 4/1/1996 | | | | | | | | | 222 | ND | ND | | ND | | | | | | | ND | | ND | 95 |
| M12 | 4/1/1997 | | | | | | | | | | ND | | | | | | | | | | | | ND | 87 |
| M12 | 5/1/1997 | | | | | | | | | 275 | | ND | | ND | | | | | | | | | | |
| M12 | 5/8/1998 | | | | | | | | | 285 | ND | ND | | ND | | | | | | | ND | | ND | 111 |
| M12 | 5/10/1999 | | | | | | | | | 228 | ND | ND | | ND | | | | | | | 1 | | ND | 90 |
| M12 | 5/24/2000 | | | | | | | | | 214 | ND | 0.11 | | ND | | | | | | | ND | | ND | 97 |
| M12 | 5/14/2001 | | | | | | | | | 253 | ND | ND | | ND | | | | | | | 1 | | ND | 82 |
| M12 | 6/17/2002 | | | | | | | | | 331 | ND | ND | | ND | | | | | | | ND | | ND | 139 |
| M12 | 5/27/2003 | | | | | | | | | 326 | < 0.01 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 110 |
| M12 | 10/24/2003 | | | | < 0.0024 | | | | | | | | | | | | | | | | | | | |
| M12 | 5/3/2004 | | | | < 0.0024 | | | | | 352 | 0.02 | < 0.02 | | < 0.0013 | | | | | | | < 1 | < 0.05 | < 0.001 | 122 |
| M12 | 5/2/2005 | | | | < 0.0024 | | | | | 320 | 0.07 | < 0.02 | | < 0.0013 | | | | | | | 11 | 0.02 | < 0.0001 | 104 |
| M12 | 5/30/2006 | | | | < 0.0004 | | | | | 349 | 0.1 | 0.04 | | < 0.0005 | | | | | | | 2 | 0.02 | < 0.0001 | 120 |
| M12 | 4/18/2007 | | | | | | | | | 359 | 0.02 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.0001 | 117 |
| M12 | 4/29/2008 | | | | < 0.0002 | | | | | 286 | < 0.02 | < 0.15 | | < 0.0001 | | | | | | | < 2 | < 0.01 | < 0.0001 | 93 |
| M14 | 6/21/1991 | | | | | | | | | 247 | | 0.22 | | | | | | | | | ND | | ND | 49 |
| M14 | 7/1/1991 | ND | ND | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M14 | 7/24/1992 | | | | | | | | | 244 | | ND | | | | | | | | | ND | | | |
| M14 | 8/24/1992 | | | | | | | | | | ND | | | | | | | | | | | 0.05 | ND | 53 |
| M14 | 5/12/1993 | | | | | | | | | 220 | ND | ND | | | | | | | | | ND | ND | ND | 46 |
| M14 | 7/6/1994 | | | | | | | | | 240 | ND | 0.03 | | | | | | | | | ND | ND | ND | 45.3 |
| M14 | 4/20/1995 | | | | | | | | | 237 | ND | ND | | | | | | | | | 3 | | ND | 65 |
| M14 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M14 | 4/1/1996 | | | | | | | | | 218 | ND | ND | | ND | | | | | | | ND | | ND | 63 |
| M14 | 4/1/1997 | | | | | | | | | | ND | | | | | | | | | | | | ND | 62 |
| M14 | 5/1/1997 | | | | | | | | | 271 | | ND | | ND | | | | | | | | | | |
| M14 | 5/8/1998 | | | | | | | | | 231 | ND | 0.03 | | ND | | | | | | | ND | | ND | 75 |
| M14 | 5/10/1999 | | | | | | | | | 224 | ND | ND | | ND | | | | | | | 1 | | ND | 73 |
| M14 | 12/3/1999 | | | | | | | | | 239 | ND | ND | | ND | | | | | | | ND | | ND | 94 |
| M14 | 5/24/2000 | | | | | | | | | 193 | ND | ND | | ND | | | | | | | ND | | ND | 76 |
| M14 | 5/14/2001 | | | | | | | | | 248 | ND | ND | | ND | | | | | | | 2 | | ND | 89 |
| M14 | 6/17/2002 | | | | | | | | | 255 | ND | ND | | ND | | | | | | | ND | | ND | 98 |
| M14 | 5/27/2003 | | | | | | | | | 233 | < 0.01 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 109 |
| M14 | 10/24/2003 | | | | < 0.0024 | | | | | | | | | | | | | | | | | | | |
| M14 | 5/3/2004 | | | | < 0.0024 | | | | | 250 | 0.01 | < 0.02 | | < 0.0013 | | | | | | | < 1 | < 0.05 | < 0.001 | 126 |
| M14 | 5/2/2005 | | | | < 0.0024 | | | | | 251 | 0.02 | < 0.02 | | < 0.0013 | | | | | | | < 1 | 0.02 | < 0.0001 | 126 |
| M14 | 5/30/2006 | | | | < 0.0004 | | | | | 290 | 0.04 | < 0.02 | | < 0.0005 | | | | | | | < 1 | 0.01 | < 0.0001 | 120 |
| M14 | 4/18/2007 | | | | | | | | | 307 | 0.02 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.0001 | 97 |
| M14 | 4/29/2008 | | | | < 0.0002 | | | | | 311 | < 0.02 | < 0.15 | | < 0.0001 | | | | | | | < 2 | < 0.01 | < 0.0001 | 85 |
| M19 | 6/21/1991 | | | | | | | | | 269 | | 0.2 | | | | | | | | | ND | | ND | 73 |
| M19 | 7/1/1991 | 0.003 | 0.004 | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M19 | 7/24/1992 | | | | | | | | | 236 | | ND | | | | | | | | | ND | | | |
| M19 | 8/24/1992 | | | | | | | | | | ND | | | | | | | | | | | 0.04 | ND | 62 |
| M19 | 5/12/1993 | | | | | | | | | 192 | ND | ND | | | | | | | | | ND | ND | ND | 51 |
| M19 | 7/1/1994 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M19 | 7/6/1994 | | | | | | | | | 250 | ND | 0.05 | | | | | | | | | ND | ND | ND | 73.6 |
| M19 | 4/20/1995 | | | | | | | | | 250 | ND | ND | | | | | | | | | 2 | | ND | 86 |
| M19 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M19 | 4/1/1996 | | | | | | | | | 252 | 0.03 | 0.02 | | ND | | | | | | | 2 | | ND | 74 |
| M19 | 4/1/1997 | | | | | | | | | | ND | | | | | | | | | | | | ND | |
| M19 | 5/1/1997 | | | | | | | | | 256 | | ND | | ND | | | | | | | 3 | | | |
| M19 | 5/8/1998 | | | | | | | | | 222 | ND | 0.02 | | ND | | | | | | | ND | | ND | 59 |
| M19 | 5/10/1999 | | | | | | | | | 251 | ND | ND | | ND | | | | | | | ND | | ND | 71 |
| M19 | 5/24/2000 | | | | | | | | | | ND | | | | | | | | | | | | ND | 71 |
| M19 | 5/25/2000 | | | | | | | | | 270 | | 0.02 | | ND | | | | | | | ND | | | |
| M19 | 5/14/2001 | | | | | | | | | 267 | ND | ND | | ND | | | | | | | ND | | ND | 57 |
| M19 | 6/17/2002 | | | | | | | | | 278 | ND | ND | | ND | | | | | | | ND | | ND | 80 |
| M19 | 5/27/2003 | | | | | | | | | 283 | < 0.01 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 75 |
| M19 | 5/4/2004 | | | | | | | | | 297 | 0.01 | 0.02 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 94 |
| M19 | 5/2/2005 | | | | | | | | | 308 | 0.01 | < 0.02 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 95 |
| M19 | 5/30/2006 | | | | < 0.0004 | | | | | 319 | 0.17 | < 0.02 | | < 0.0005 | | | | | | | < 1 | 0.03 | < 0.0001 | 102 |
| M19 | 4/18/2007 | | | | | | | | | 315 | 0.02 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.0001 | 101 |

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo(b,k)fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M19 | 4/29/2008 | | | | | | | | | 314 | < 0.02 | < 0.15 | | < 0.0001 | | | | | | | < 2 | | < 0.0001 | 97 |
| M23 | 7/1/1991 | ND | ND | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M23 | 7/2/1991 | | | | | | | | | 281 | ND | 0.35 | | | | | | | | | 9 | | ND | 72 |
| M23 | 7/27/1992 | | | | | | | | | 284 | ND | 0.14 | | | | | | | | | 4 | 0.04 | ND | 70 |
| M23 | 5/1/1993 | ND | ND | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M23 | 5/12/1993 | | | | | | | | | 242 | ND | ND | | | | | | | | | ND | 0.08 | ND | 74 |
| M23 | 7/6/1994 | | | | | | | | | 290 | | 0.03 | | | | | | | | | ND | | | |
| M23 | 4/20/1995 | | | | | | | | | 294 | ND | 0.08 | | | | | | | | | 3 | | ND | 106 |
| M23 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M23 | 4/1/1996 | ND | ND | ND | ND | | | | | 279 | ND | 0.02 | | ND | | | | | | | ND | | ND | 108 |
| M23 | 4/1/1997 | | | | | | | | | | ND | | | | | | | | | | | | ND | 99 |
| M23 | 5/1/1997 | | | | | | | | | 270 | | ND | | ND | | | | | | | 2 | | | |
| M23 | 5/8/1998 | | | | | | | | | 246 | ND | 0.06 | | ND | | | | | | | ND | | ND | 100 |
| M23 | 5/10/1999 | | | | | | | | | 268 | ND | 0.03 | | ND | | | | | | | 2 | | ND | 103 |
| M23 | 5/24/2000 | | | | | | | | | 233 | ND | 0.03 | | ND | | | | | | | ND | | ND | 103 |
| M23 | 5/14/2001 | | | | | | | | | 282 | ND | ND | | ND | | | | | | | ND | | ND | 94 |
| M23 | 6/17/2002 | | | | | | | | | 284 | ND | ND | | ND | | | | | | | ND | | ND | 104 |
| M23 | 5/27/2003 | | | | | | | | | 301 | < 0.01 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 95 |
| M23 | 5/3/2004 | | | | | | | | | 303 | 0.01 | < 0.02 | | < 0.0013 | | | | | | | < 1 | | < 0.001 | 102 |
| M23 | 5/2/2005 | | | | | | | | | 303 | 0.03 | < 0.02 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 104 |
| M23 | 5/30/2006 | | | | < 0.0004 | | | | | 310 | 0.18 | < 0.02 | | < 0.0005 | | | | | | | < 1 | 0.03 | < 0.0001 | 102 |
| M23 | 4/18/2007 | | | | | | | | | 328 | 0.02 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.0001 | 98 |
| M23 | 4/29/2008 | | | | | | | | | 331 | < 0.02 | < 0.15 | | < 0.0001 | | | | | | | < 2 | | < 0.0001 | 110 |
| M28 | 7/1/1991 | ND | ND | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M28 | 7/3/1991 | | | | | | | | | 293 | | ND | | | | | | | | | ND | | ND | 177 |
| M28 | 7/27/1992 | | | | | | | | | 234 | ND | ND | | | | | | | | | ND | 0.02 | ND | 49 |
| M28 | 5/13/1993 | | | | | | | | | 276 | ND | ND | | | | | | | | | ND | 0.02 | ND | 60 |
| M28 | 7/1/1994 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M28 | 7/6/1994 | | | | | | | | | | ND | | | | | | | | | | ND | ND | ND | 73.8 |
| M28 | 4/20/1995 | | | | | | | | | 275 | ND | ND | | | | | | | | | 1 | | ND | 72 |
| M28 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M28 | 4/1/1996 | | | | | | | | | 284 | ND | ND | | ND | | | | | | | 1 | | ND | 65 |
| M28 | 4/1/1997 | | | | | | | | | | ND | | | | | | | | | | | | ND | 63 |
| M28 | 5/1/1997 | | | | | | | | | 277 | | ND | | ND | | | | | | | | | | |
| M28 | 5/8/1998 | | | | | | | | | 262 | ND | 0.03 | | ND | | | | | | | ND | | ND | 68 |
| M28 | 5/11/1999 | | | | | | | | | 271 | ND | ND | | ND | | | | | | | 1 | | ND | 91 |
| M28 | 5/24/2000 | | | | | | | | | | ND | | | | | | | | | | | | ND | 68 |
| M28 | 5/25/2000 | | | | | | | | | 282 | | ND | | ND | | | | | | | ND | | | |
| M28 | 5/14/2001 | | | | | | | | | 271 | ND | ND | | ND | | | | | | | 2 | | ND | 70 |
| M28 | 6/17/2002 | | | | | | | | | 269 | ND | ND | | ND | | | | | | | ND | | ND | 67 |
| M28 | 5/27/2003 | | | | | | | | | 265 | < 0.01 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 73 |
| M28 | 5/3/2004 | | | | | | | | | 259 | 0.02 | < 0.02 | | < 0.0013 | | | | | | | < 1 | | < 0.001 | 74 |
| M28 | 5/2/2005 | | | | | | | | | 260 | 0.02 | < 0.02 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 81 |
| M28 | 5/30/2006 | | | | < 0.0004 | | | | | 264 | 0.36 | < 0.02 | | < 0.0005 | | | | | | | < 1 | 0.06 | < 0.0001 | 79 |
| M28 | 4/18/2007 | | | | | | | | | 260 | 0.03 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.0001 | 68 |
| M28 | 4/29/2008 | | | | | | | | | 262 | < 0.02 | < 0.15 | | < 0.0001 | | | | | | | < 2 | | < 0.0001 | 75 |
| M29 | 7/1/1991 | ND | ND | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M29 | 7/5/1991 | | | | | | | | | 42 | | ND | | | | | | | | | 11 | | ND | 31 |
| M29 | 7/24/1992 | | | | | | | | | 250 | | 0.24 | | | | | | | | | 5 | | | |
| M29 | 8/24/1992 | | | | | | | | | | ND | | | | | | | | | | | 0.05 | ND | 49 |
| M29 | 5/13/1993 | | | | | | | | | 287 | ND | 0.21 | | | | | | | | | 4 | 0.04 | ND | 57 |
| M29 | 5/15/2001 | | | | | | | | | 304 | 0.11 | 0.1 | | ND | | | | | | | 4 | | ND | 64 |
| M29 | 5/27/2003 | | | | | | | | | 315 | < 0.01 | 0.08 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 110 |
| M29 | 5/4/2004 | | | | | | | | | | 0.02 | | | | | | | | | | | | < 0.0001 | 3 |
| M31 | 7/1/1991 | 0.001 | 0.002 | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M31 | 7/5/1991 | | | | | | | | | | | ND | | | | | | | | | 4 | | ND | 37 |
| M31 | 8/7/1991 | ND | ND | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M31 | 7/24/1992 | | | | | | | | | 240 | | ND | | | | | | | | | ND | | | |
| M31 | 7/29/1992 | | | | | | | | | | | | | | | | | | | | | | | |
| M31 | 8/24/1992 | | | | | | | | | | ND | | | | | | | | | | | 0.02 | ND | 80 |
| M31 | 5/13/1993 | | | | | | | | | 257 | ND | ND | | | | | | | | | ND | ND | ND | 81 |
| M31 | 7/6/1994 | | | | | | | | | 350 | ND | 1.9 | | | | | | | | | ND | ND | ND | 63.1 |
| M31 | 4/20/1995 | | | | | | | | | 293 | ND | 0.01 | | | | | | | | | 1 | | ND | 90 |
| M31 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M31 | 5/8/1998 | | | | | | | | | 318 | ND | 0.04 | | ND | | | | | | | 2 | | ND | 64 |
| M31 | 5/10/1999 | | | | | | | | | 330 | ND | 0.04 | | ND | | | | | | | ND | | ND | 64 |
| M31 | 5/15/2000 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M31 | 5/25/2000 | | | | | | | | | 314 | ND | 0.14 | | | | | | | | | 2 | | ND | 80 |
| M35 | 7/1/1991 | 0.002 | 0.003 | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M35 | 7/4/1991 | | | | | | | | | 470 | | 0.2 | | | | | | | | | 4 | | ND | 71 |
| M35 | 7/24/1992 | | | | | | | | | 520 | | 0.18 | | | | | | | | | ND | | | |
| M35 | 8/24/1992 | | | | | | | | | | 0.05 | | | | | | | | | | | ND | ND | 35 |
| M35 | 5/13/1993 | | | | | | | | | 498 | ND | 0.29 | | | | | | | | | 2 | ND | ND | 40 |
| M35 | 7/1/1994 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M35 | 7/6/1994 | | | | | | | | | 510 | ND | 1.1 | | | | | | | | | ND | ND | ND | 53.7 |
| M35 | 4/20/1995 | | | | | | | | | 441 | ND | 0.01 | | | | | | | | | ND | | ND | 45 |
| M35 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo (b,k) fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M35 | 4/1/1996 | | | | | | | | | 442 | ND | ND | | ND | | | | | | | 2 | | ND | 37 |
| M35 | 4/1/1997 | | | | | | | | | | ND | | | | | | | | | | | | ND | 43 |
| M35 | 5/1/1997 | | | | | | | | | 433 | | 0.02 | | ND | | | | | | | | | | |
| M35 | 5/8/1998 | | | | | | | | | 457 | ND | 0.02 | | ND | | | | | | | 2 | | ND | 30 |
| M35 | 5/10/1999 | | | | | | | | | 479 | ND | ND | | ND | | | | | | | 1 | | ND | 38 |
| M35 | 5/25/2000 | | | | | | | | | 495 | ND | 0.08 | | ND | | | | | | | 1 | | ND | 46 |
| M35 | 5/14/2001 | | | | | | | | | 492 | ND | ND | | ND | | | | | | | ND | | ND | 38 |
| M35 | 6/17/2002 | | | | | | | | | 542 | ND | 0.05 | | ND | | | | | | | 3 | | ND | 30 |
| M35 | 5/27/2003 | | | | | | | | | 504 | < 0.01 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 29 |
| M35 | 5/3/2004 | | | | | | | | | 504 | 0.04 | 0.02 | | < 0.0013 | | | | | | | < 1 | | < 0.001 | 25 |
| M35 | 5/2/2005 | | | | | | | | | 516 | 0.01 | 0.07 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 33 |
| M35 | 5/30/2006 | | | | < 0.0004 | | | | | 526 | 0.08 | < 0.02 | | < 0.0005 | | | | | | | < 1 | 0.02 | < 0.0001 | 40 |
| M35 | 4/18/2007 | | | | | | | | | 522 | 0.02 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.0001 | 24 |
| M35 | 4/29/2008 | | | | | | | | | 496 | < 0.02 | < 0.15 | | < 0.0001 | | | | | | | < 2 | | < 0.0001 | 19 |
| M39 | 5/13/1993 | | | | | | | | | 373 | ND | ND | | | | | | | | | ND | 0.04 | ND | 88 |
| M39 | 7/1/1994 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M39 | 7/6/1994 | | | | | | | | | | | 0.9 | | | | | | | | | | | | |
| M39 | 4/20/1995 | | | | | | | | | 341 | ND | 0.03 | | | | | | | | | 4 | | ND | 85 |
| M39 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M39 | 4/1/1996 | | | | | | | | | 352 | ND | 0.03 | | ND | | | | | | | 5 | | ND | 76 |
| M39 | 5/8/1998 | | | | | | | | | 418 | ND | 0.03 | | ND | | | | | | | 2 | | ND | 80 |
| M39 | 5/30/2000 | | | | | | | | | 424 | 0.03 | 0.02 | | ND | | | | | | | ND | | ND | 58 |
| M39 | 5/14/2001 | | | | | | | | | 422 | 0.11 | ND | | ND | | | | | | | ND | | ND | 75 |
| M39 | 6/17/2002 | | | | | | | | | 443 | ND | 0.03 | | ND | | | | | | | 7 | | ND | 63 |
| M39 | 5/27/2003 | | | | | | | | | 428 | < 0.01 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 32 |
| M39 | 5/3/2004 | | | | | | | | | 492 | 0.04 | < 0.02 | | < 0.0013 | | | | | | | < 1 | | < 0.001 | 52 |
| M39 | 5/2/2005 | | | | | | | | | 519 | 0.03 | 0.02 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 65 |
| M39 | 4/18/2007 | | | | | | | | | 465 | 0.03 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.0001 | 53 |
| M3A-1 | 7/1/1992 | ND | ND | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M3A-1 | 7/27/1992 | | | | | | | | | 284 | ND | 0.91 | | | | | | | | | 12 | 0.78 | ND | 28 |
| M3A-1 | 5/13/1993 | | | | | | | | | | | 0.59 | | | | | | | | | | | | |
| M3A-1 | 5/17/1993 | | | | | | | | | 309 | 0.44 | | | | | | | | | | 2 | 0.74 | ND | 32 |
| M3A-1 | 7/6/1994 | | | | | | | | | | ND | | | | | | | | | | | 0.54 | ND | 27.8 |
| M3A-1 | 4/20/1995 | | | | | | | | | 311 | ND | 0.82 | | | | | | | | | 5 | | ND | 27 |
| M3A-1 | 4/21/1995 | ND | ND | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M3A-1 | 4/1/1996 | | | | | | | | | 308 | ND | 0.72 | | ND | | | | | | | ND | | ND | 31 |
| M3A-1 | 4/1/1997 | | | | | | | | | | 0.09 | | | | | | | | | | | | ND | 25 |
| M3A-1 | 5/1/1997 | | | | | | | | | 305 | | 0.98 | | ND | | | | | | | 4 | | | |
| M3A-1 | 5/8/1998 | | | | | | | | | 314 | ND | 1.03 | | ND | | | | | | | 9 | | ND | 25 |
| M3A-1 | 5/11/1999 | | | | | | | | | 304 | ND | 0.74 | | ND | | | | | | | 5 | | ND | 31 |
| M3A-1 | 5/26/2000 | | | | | | | | | 326 | ND | 0.57 | | | | | | | | | 6 | | ND | 25 |
| M3A-1 | 5/16/2001 | | | | | | | | | 312 | ND | 0.82 | | ND | | | | | | | 2 | | ND | 22 |
| M3A-1 | 6/18/2002 | | | | | | | | | 315 | ND | 0.69 | | ND | | | | | | | 2 | | ND | 22 |
| M3A-1 | 5/28/2003 | | | | | | | | | 316 | < 0.01 | 0.68 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 21 |
| M3A-1 | 5/6/2004 | | | | | | | | | 319 | < 0.01 | 0.79 | | < 0.0013 | | | | | | | 3 | | < 0.0001 | 20 |
| M3A-1 | 5/4/2005 | | | | | | | | | 316 | 0.01 | 0.4 | | < 0.0013 | | | | | | | 20 | | < 0.0001 | 24 |
| M3A-1 | 6/2/2006 | | | | < 0.0004 | | | | | 308 | 0.03 | 0.71 | | < 0.0005 | | | | | | | 3 | 0.54 | < 0.0001 | 22 |
| M3A-1 | 4/19/2007 | | | | | | | | | 309 | 0.03 | 0.7 | | < 0.0005 | | | | | | | 4 | | < 0.0001 | 29 |
| M3A-1 | 4/29/2008 | | | | | | | | | 306 | < 0.02 | 0.56 | | 0.0001 | | | | | | | < 2 | | < 0.0001 | 27 |
| M3A-2 | 7/27/1992 | | | | | | | | | 320 | 1.21 | 0.94 | | | | | | | | | 4 | 0.81 | ND | 25 |
| M3A-2 | 5/13/1993 | | | | | | | | | | | 0.56 | | | | | | | | | | | | |
| M3A-2 | 5/17/1993 | | | | | | | | | 347 | 0.48 | | | | | | | | | | 2 | 0.89 | ND | 33 |
| M3A-2 | 7/6/1994 | | | | | | | | | | ND | | | | | | | | | | | 0.68 | ND | 34.2 |
| M3A-2 | 4/20/1995 | | | | | | | | | 516 | ND | 0.14 | | | | | | | | | 5 | | ND | 38 |
| M3A-2 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M3A-2 | 5/8/1998 | | | | | | | | | 533 | 4.52 | 0.31 | | ND | | | | | | | 10 | | ND | 55 |
| M3A-2 | 5/6/2004 | | | | | | | | | 191 | 0.02 | 0.17 | | < 0.0013 | | | | | | | 3 | | < 0.0001 | 6 |
| M3A-3 | 7/27/1992 | | | | | | | | | 420 | 0.29 | 7.34 | | | | | | | | | 3 | ND | ND | 70 |
| M3A-3 | 5/13/1993 | | | | | | | | | 318 | | 2.04 | | | | | | | | | 14 | | | |
| M3A-3 | 5/17/1993 | | | | | | | | | | 0.51 | | | | | | | | | | | 0.18 | ND | 8 |
| M3A-3 | 7/1/1994 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M3A-3 | 7/6/1994 | | | | | | | | | | ND | 2.5 | | | | | | | | | 13 | 0.25 | ND | 0.37 |
| M3A-3 | 4/20/1995 | | | | | | | | | 170 | 0.08 | 1.5 | | | | | | | | | 13 | | ND | 8 |
| M3A-3 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M3A-3 | 4/1/1996 | | | | | | | | | 199 | 0.48 | 2.72 | | ND | | | | | | | 4 | | ND | 14 |
| M3A-3 | 4/1/1997 | | | | | | | | | | 0.74 | | | | | | | | | | | | ND | 11 |
| M3A-3 | 5/1/1997 | | | ND | | | | | | 166 | | 0.61 | | 0.0005 | | | | | | | 7 | | | |
| M3A-3 | 5/8/1998 | | | | | | | | | 197 | 0.08 | 0.69 | | ND | | | | | | | 2 | | ND | 17 |
| M3A-3 | 5/10/1999 | | | | | | | | | 192 | ND | 0.7 | | ND | | | | | | | 7 | | ND | 36 |
| M3A-3 | 5/26/2000 | | | | | | | | | 177 | 1.45 | 0.38 | | | | | | | | | 4 | | ND | 25 |
| M3A-3 | 5/16/2001 | | | | | | | | | 212 | ND | 0.82 | | ND | | | | | | | 6 | | ND | 2 |
| M3A-3 | 6/18/2002 | | | | | | | | | 190 | ND | 0.66 | | ND | | | | | | | 1 | | ND | 6 |
| M4-1 | 6/25/1991 | | | | | | | | | 753 | | ND | | | | | | | | | 214 | | | |
| M4-1 | 7/1/1991 | ND | 0.002 | ND | ND | | | | | | | | | 0.011 | | | | | | | | | | |
| M4-1 | 10/25/1991 | | | | | | | | | | | | | | | | | | | | | 0.3 | ND | 142 |
| M4-1 | 4/20/1995 | | | | | | | | | 486 | 0.07 | 0.14 | | | | | | | | | 5 | | ND | 58 |
| M4-1 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo(b,k)fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M4-1 | 5/12/1999 | | | | | | | | | 511 | ND | 0.06 | | ND | | | | | | | 3 | | ND | 71 |
| M4-2 | 6/17/1991 | | | | | | | | | 824 | | 0.3 | | | | | | | | | 655 | 0.35 | ND | 280 |
| M4-2 | 7/1/1991 | ND | 0.004 | ND | ND | | | | | | | | | 0.013 | | | | | | | | | | |
| M4-2 | 7/1/1992 | ND | ND | ND | ND | | | | | | | | | 0.023 | | | | | | | | | | |
| M4-2 | 7/24/1992 | | | | | | | | | 320 | | 0.79 | | | | | | | | | 149 | | | |
| M4-2 | 8/24/1992 | | | | | | | | | | 0.3 | | | | | | | | | | | 0.31 | ND | 6 |
| M4-2 | 5/5/1993 | ND | ND | ND | ND | | | | | | | | | 0.0028 | | | | | | | | | | |
| M4-2 | 5/17/1993 | | | | | | | | | 900 | | 0.8 | | | | | | | | | 93 | | | |
| M4-2 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M4-2 | 5/11/1995 | | | | | | | | | 648 | | 1.12 | | | | | | | | | 9 | | | |
| M4-2 | 5/8/1998 | ND | ND | ND | ND | | | | | 800 | ND | 0.08 | | ND | | | | | | | 2 | | ND | 61 |
| M4-2 | 5/12/1999 | ND | ND | ND | ND | | | | | | ND | 0.05 | | ND | | | | | | | | | ND | 62 |
| M42-1 | 7/29/1992 | | | | | | | | | 80 | ND | 8.23 | | | | | | | | | 71 | 1.33 | ND | 2450 |
| M42-1 | 5/1/1993 | ND | ND | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M42-1 | 5/13/1993 | | | | | | | | | 51 | ND | 11.7 | | | | | | | | | 15 | 1.4 | ND | 2350 |
| M42-1 | 7/6/1994 | | | | | | | | | 73 | ND | 10 | | | | | | | | | ND | 1.03 | ND | 3700 |
| M42-1 | 4/20/1995 | | | | | | | | | 44 | ND | 12.6 | | | | | | | | | 3 | | ND | 5030 |
| M42-1 | 4/21/1995 | | | | | | | | | | | | | 0.0017 | | | | | | | | | | |
| M42-1 | 4/1/1996 | | | | | | | | | 39 | 2.48 | 15 | | 0.0035 | | | | | | | 1 | | ND | 6460 |
| M42-1 | 5/8/1998 | | | | | | | | | 31 | ND | 7.17 | | ND | | | | | | | ND | | ND | 3490 |
| M42-1 | 5/11/1999 | | | | | | | | | 34 | ND | 19.5 | | ND | | | | | | | ND | | ND | 9240 |
| M42-2 | 7/27/1992 | | | | | | | | | 24 | ND | 5.54 | | | | | | | | | 5 | 0.68 | ND | 1150 |
| M42-2 | 5/1/1993 | ND | ND | ND | ND | | | | | | | | | 0.0049 | | | | | | | | | | |
| M42-2 | 5/13/1993 | | | | | | | | | 50 | ND | 13.3 | | | | | | | | | 23 | 2.06 | ND | 4120 |
| M42-2 | 7/1/1994 | ND | ND | ND | ND | | | | | | | | | 0.00648 | | | | | | | | | | |
| M42-2 | 7/6/1994 | | | | | | | | | 49 | ND | 13 | | | | | | | | | 18 | 0.36 | ND | 5580 |
| M42-2 | 4/20/1995 | | | | | | | | | 28 | | 16.6 | | | | | | | | | 13 | | ND | 8600 |
| M42-2 | 4/21/1995 | | | | | | | | | | | | | 0.0038 | | | | | | | | | | |
| M42-2 | 4/1/1996 | | | | | | | | | 29 | ND | 20.6 | | 0.0082 | | | | | | | 9 | | ND | 10400 |
| M42-2 | 4/1/1997 | | | | | | | | | | ND | | | | | | | | | | | | ND | 4810 |
| M42-2 | 5/1/1997 | | | | | | | | | 18 | | 20.8 | | 0.005 | | | | | | | 5 | | | |
| M42-2 | 5/8/1998 | | | | | | | | | 20 | ND | 21.5 | | 0.0088 | | | | | | | 4 | | ND | 4350 |
| M42-2 | 5/11/1999 | | | | | | | | | 29 | ND | 22.3 | | 0.0074 | | | | | | | 5 | | ND | 11900 |
| M42-2 | 12/3/1999 | | | | | | | | | 22 | ND | 21.5 | | 0.0047 | | | | | | | 2 | | ND | 12000 |
| M42-2 | 5/25/2000 | | | | | | | | | 30 | 0.04 | 6.6 | | 0.0048 | | | | | | | 3 | | ND | 12700 |
| M42-2 | 5/16/2001 | | | | | | | | | 20 | ND | 25.5 | | 0.0077 | | | | | | | 2 | | ND | 12100 |
| M42-2 | 6/18/2002 | | | | | | | | | 22 | ND | 20 | | 0.0073 | | | | | | | 3 | | ND | 19100 |
| M42-2 | 5/28/2003 | | | | | | | | | 19 | < 0.01 | 24 | | 0.0065 | | | | | | | < 1 | | < 0.001 | 11700 |
| M42-2 | 5/6/2004 | | | | | | | | | 19 | < 0.1 | 20 | | 0.0054 | | | | | | | 2 | | < 0.001 | 13000 |
| M42-2 | 5/4/2005 | | | | | | | | | 16 | < 0.1 | 23.2 | | 0.0061 | | | | | | | < 1 | | < 0.001 | 12800 |
| M42-2 | 6/2/2006 | | | | 0.0007 | | | | | 17 | < 1 | 22.1 | | < 0.0005 | | | | | | | 1 | 2 | < 0.01 | 14400 |
| M42-3 | 7/1/1992 | ND | ND | ND | ND | | | | | | | | | 0.001 | | | | | | | | | | |
| M42-3 | 7/27/1992 | | | | | | | | | 450 | ND | 6.5 | | | | | | | | | 9 | 0.67 | ND | 369 |
| M42-3 | 5/1/1993 | ND | ND | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M42-3 | 5/13/1993 | | | | | | | | | 118 | ND | 6.52 | | | | | | | | | 37 | 2.3 | ND | 80 |
| M42-3 | 5/11/1999 | | | | | | | | | 190 | 0.17 | 8.11 | | 0.0024 | | | | | | | 7 | | ND | 72 |
| M42-3 | 5/15/2000 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M42-3 | 5/25/2000 | | | | | | | | | 149 | 0.4 | 4.2 | | | | | | | | | 6 | | ND | 48 |
| M42-3 | 5/16/2001 | | | | | | | | | 186 | 0.1 | 3.34 | | ND | | | | | | | 18 | | ND | 44 |
| M42-3 | 6/18/2002 | | | | | | | | | 140 | 0.13 | 1.15 | | 0.0017 | | | | | | | 19 | | ND | 48 |
| M42-3 | 5/28/2003 | | | | | | | | | 181 | 0.09 | 4.35 | | 0.0009 | | | | | | | 18 | | < 0.001 | 46 |
| M42-3 | 5/6/2004 | | | | | | | | | 187 | 0.1 | 3.48 | | < 0.0013 | | | | | | | 17 | | < 0.001 | 49 |
| M42-3 | 5/4/2005 | | | | | | | | | 154 | 0.07 | 4.16 | | < 0.0013 | | | | | | | 37 | | < 0.0001 | 61 |
| M42-3 | 6/2/2006 | | | | < 0.0004 | | | | | 118 | 0.07 | 3.3 | | < 0.0005 | | | | | | | 49 | 1.25 | < 0.0001 | 56 |
| M42-3 | 4/20/2007 | | | | | | | | | 105 | 0.14 | 3.13 | | < 0.0005 | | | | | | | 8 | | < 0.0001 | 50 |
| M4-3 | 6/26/1991 | | | | | | | | | 830 | | 0.36 | | | | | | | | | 415 | 0.35 | ND | 196 |
| M4-3 | 7/1/1991 | ND | ND | ND | ND | | | | | | | | | 0.005 | | | | | | | | | | |
| M4-3 | 7/1/1992 | ND | ND | ND | ND | | | | | | | | | 0.0016 | | | | | | | | | | |
| M4-3 | 7/24/1992 | | | | | | | | | 452 | | 0.23 | | | | | | | | | 65 | | | |
| M4-3 | 8/24/1992 | | | | | | | | | | ND | | | | | | | | | | | 0.67 | ND | 55 |
| M4-3 | 5/13/1993 | | | | | | | | | 452 | | 0.56 | | | | | | | | | 14 | | | |
| M4-3 | 5/17/1993 | | | | | | | | | | ND | | | | | | | | | | | 0.51 | ND | 54 |
| M4-3 | 7/6/1994 | | | | | | | | | | ND | 1 | | | | | | | | | ND | 0.67 | ND | 43.6 |
| M4-3 | 4/20/1995 | | | | | | | | | 416 | ND | 0.82 | | | | | | | | | 16 | | ND | 51 |
| M4-3 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M4-3 | 4/1/1996 | ND | ND | ND | ND | | | | | 416 | ND | 0.76 | | ND | | | | | | | 7 | | ND | 27 |
| M4-3 | 4/1/1997 | | | | | | | | | | ND | | | | | | | | | | | | ND | 11 |
| M4-3 | 5/1/1997 | | | | | | | | | 389 | | 0.64 | | ND | | | | | | | | | | |
| M4-3 | 5/8/1998 | | | | | | | | | 389 | 0.26 | 0.65 | | ND | | | | | | | 2 | | ND | 28 |
| M4-3 | 5/12/1999 | | | | | | | | | 402 | ND | 1.26 | | ND | | | | | | | 6 | | ND | 32 |
| M4-3 | 5/15/2000 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M4-3 | 5/25/2000 | | | | | | | | | 414 | 0.06 | 0.67 | | | | | | | | | 5 | | ND | 34 |
| M4-3 | 5/16/2001 | | | | | | | | | 391 | ND | 1.01 | | ND | | | | | | | 20 | | ND | 30 |
| M4-3 | 6/18/2002 | | | | | | | | | 362 | ND | 0.7 | | ND | | | | | | | 6 | | ND | 33 |
| M4-3 | 6/19/2002 | | | | | | | | | 362 | | 0.7 | | | | | | | | | 6 | | | |
| M4-3 | 5/28/2003 | | | | | | | | | 375 | < 0.01 | 0.72 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 30 |
| M4-3 | 5/6/2004 | | | | | | | | | 374 | 0.01 | 0.6 | | < 0.0013 | | | | | | | 1 | | < 0.0001 | 21 |

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo (b,k) fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M4-3 | 11/12/2004 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | < 0.0017 | < 0.0015 | 375 | < 0.01 | 0.6 | < 0.0018 | < 0.0013 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 2 | 0.64 | < 0.0001 | 18 |
| M43-1 | 7/29/1992 | | | | | | | | | 97 | ND | 7.28 | | | | | | | | | 7 | 0.52 | ND | 1100 |
| M43-1 | 5/1/1993 | ND | 0.0012 | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M43-1 | 5/13/1993 | | | | | | | | | 52 | ND | 12.2 | | | | | | | | | 15 | 0.6 | ND | 880 |
| M43-1 | 7/1/1994 | | | | | | | | | | | | | 0.00174 | | | | | | | | | | |
| M43-1 | 7/6/1994 | | | | | | | | | 64 | ND | 14 | | | | | | | | | 5.3 | 0.19 | ND | 1800 |
| M43-1 | 4/20/1995 | | | | | | | | | 52 | ND | 18.7 | | | | | | | | | 6 | | ND | 1620 |
| M43-1 | 4/21/1995 | | | | | | | | | | | | | 0.0016 | | | | | | | | | | |
| M43-1 | 4/1/1996 | | | | | | | | | 73 | 0.4 | 23 | | 0.0025 | | | | | | | ND | | ND | 2830 |
| M43-1 | 4/1/1997 | | | | | | | | | | ND | | | | | | | | | | | | ND | 7510 |
| M43-1 | 5/1/1997 | | | | | | | | | 55 | | 13.6 | | ND | | | | | | | | | | |
| M43-1 | 5/8/1998 | | | | | | | | | 48 | ND | 20 | | 0.0017 | | | | | | | 17 | | ND | 4660 |
| M43-1 | 5/10/1999 | | | | | | | | | 39 | ND | 7.35 | | 0.0011 | | | | | | | 42 | | ND | 5730 |
| M43-1 | 5/26/2000 | | | | | | | | | 39 | ND | 10 | | ND | | | | | | | 1 | | ND | 13900 |
| M43-1 | 5/14/2001 | | | | | | | | | 50 | ND | 25.6 | | ND | | | | | | | ND | | ND | 10900 |
| M43-1 | 6/18/2002 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M43-1 | 6/19/2002 | | | | | | | | | 30 | ND | 22 | | | | | | | | | 2 | | ND | 10900 |
| M43-1 | 5/29/2003 | | | | | | | | | 32 | < 0.01 | 26 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 11100 |
| M43-1 | 5/3/2004 | | | | | | | | | 49 | < 0.01 | 19.5 | | < 0.0013 | | | | | | | 11 | | < 0.001 | 9690 |
| M43-1 | 5/4/2005 | | | | | | | | | 37 | < 0.1 | 25.8 | | < 0.0013 | | | | | | | < 1 | | < 0.001 | 8900 |
| M43-1 | 6/2/2006 | | | | < 0.0004 | | | | | 22 | < 1 | 25.2 | | < 0.0005 | | | | | | | < 1 | 3 | < 0.01 | 11300 |
| M43-2 | 7/29/1992 | | | | | | | | | 18 | ND | 6.5 | | | | | | | | | 13 | 0.25 | ND | 1080 |
| M43-2 | 5/1/1993 | ND | 0.0012 | ND | ND | | | | | | | | | 0.001 | | | | | | | | | | |
| M43-2 | 5/13/1993 | | | | | | | | | 23 | ND | 6.89 | | | | | | | | | 24 | 1.64 | ND | 910 |
| M43-2 | 7/6/1994 | | | | | | | | | 69 | ND | 12 | | | | | | | | | 7.3 | 1.33 | ND | 640 |
| M43-2 | 4/20/1995 | | | | | | | | | 33 | ND | 4.1 | | | | | | | | | 5 | | ND | 558 |
| M43-2 | 4/21/1995 | | | | | | | | | | | | | 0.0006 | | | | | | | | | | |
| M43-2 | 4/1/1996 | | | | | | | | | 49 | 0.1 | 3.7 | | ND | | | | | | | 7 | | ND | 502 |
| M43-2 | 4/1/1997 | | | | | | | | | | ND | | | | | | | | | | | | ND | 3250 |
| M43-2 | 5/1/1997 | | | | | | | | | 52 | | 0.12 | | 0.0021 | | | | | | | 4 | | | |
| M43-2 | 5/8/1998 | | | | | | | | | 48 | ND | 9.16 | | ND | | | | | | | 3 | | ND | 3340 |
| M43-2 | 5/10/1999 | | | | | | | | | 85 | ND | 6.3 | | ND | | | | | | | 7 | | ND | 1090 |
| M43-2 | 5/25/2000 | | | | | | | | | 83 | | 7.6 | | ND | | | | | | | 10 | | | |
| M43-2 | 5/14/2001 | | | | | | | | | 95 | ND | 17.9 | | ND | | | | | | | 2 | | ND | 6500 |
| M43-3 | 7/1/1992 | ND | 0.0017 | ND | ND | | | | | | | | | 0.0016 | | | | | | | | | | |
| M43-3 | 7/24/1992 | | | | | | | | | 570 | | 3.93 | | | | | | | | | 1 | | | |
| M43-3 | 8/24/1992 | | | | | | | | | | ND | | | | | | | | | | | ND | ND | 1021 |
| M43-3 | 5/1/1993 | ND | ND | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M43-3 | 5/13/1993 | | | | | | | | | 233 | ND | 6.66 | | | | | | | | | 26 | 0.9 | ND | 331 |
| M43-3 | 7/1/1994 | | | | | | | | | | | | | 0.00094 | | | | | | | | | | |
| M43-3 | 7/6/1994 | | | | | | | | | 78 | ND | 4.9 | | | | | | | | | 18 | 1.13 | ND | 75.9 |
| M43-3 | 4/20/1995 | | | | | | | | | 122 | ND | 1.23 | | | | | | | | | 5 | | ND | 31 |
| M43-3 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M43-3 | 4/1/1996 | | | | | | | | | 102 | ND | 1.57 | | ND | | | | | | | 25 | | ND | 44 |
| M43-3 | 4/1/1997 | | | | | | | | | | 0.03 | | | | | | | | | | | | ND | 49 |
| M43-3 | 5/1/1997 | | | | | | | | | 66 | | 0.11 | | ND | | | | | | | 9 | | | |
| M43-3 | 5/8/1998 | | | | | | | | | 36 | ND | 2.13 | | ND | | | | | | | 5 | | ND | 237 |
| M43-3 | 5/10/1999 | | | | | | | | | 106 | ND | 1.65 | | ND | | | | | | | 2 | | ND | 67 |
| M43-3 | 5/26/2000 | | | | | | | | | 68 | ND | 1.35 | | ND | | | | | | | 5 | | ND | 578 |
| M43-3 | 5/14/2001 | | | | | | | | | 200 | ND | 1.16 | | ND | | | | | | | 7 | | ND | 155 |
| M43-3 | 6/18/2002 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M43-3 | 6/19/2002 | | | | | | | | | 162 | ND | 1.38 | | | | | | | | | 10 | | ND | 78 |
| M43-3 | 5/29/2003 | | | | | | | | | 165 | < 0.01 | 1.4 | | < 0.0005 | | | | | | | 3 | | < 0.001 | 56 |
| M43-3 | 5/3/2004 | | | | | | | | | 187 | < 0.01 | 0.77 | | < 0.0013 | | | | | | | 4 | | < 0.001 | 60 |
| M43-3 | 5/4/2005 | | | | | | | | | 269 | < 0.01 | 1.31 | | < 0.0013 | | | | | | | 10 | | < 0.0001 | 111 |
| M43-3 | 6/2/2006 | | | | 0.0007 | | | | | 361 | 0.02 | 0.93 | | < 0.0005 | | | | | | | 7 | 1.95 | < 0.0001 | 65 |
| M43-3 | 4/18/2007 | | | | | | | | | 446 | < 0.1 | 1.16 | | < 0.0005 | | | | | | | 4 | | < 0.001 | 61 |
| M45-1 | 4/20/1995 | | | | | | | | | | 5.01 | | | | | | | | | | | | ND | 166 |
| M45-1 | 11/2/1995 | | | | | | | | | 350 | | 1.53 | | | | | | | | | 1 | | | |
| M45-1 | 11/3/1995 | ND | ND | ND | ND | | | ND | ND | | | | ND | ND | ND | ND | ND | | ND | | | | | |
| M45-1 | 4/1/1996 | | | | | | | | | 96 | ND | 4.94 | | ND | | | | | | | 29 | | ND | 1030 |
| M45-1 | 5/1/1997 | ND | ND | ND | ND | | | ND | ND | 49 | ND | 8.84 | ND | 0.0205 | ND | ND | ND | | ND | | | | ND | 3720 |
| M45-1 | 10/1/1997 | | | | | | | | | 39 | ND | 14.8 | | | | | | | | | 1 | | ND | 9980 |
| M45-1 | 5/8/1998 | | | | | | | | | 48 | 0.03 | 19.7 | | 0.0102 | | | | | | | ND | | ND | 11000 |
| M45-1 | 5/10/1999 | | | | | | | | | 71 | ND | 16.1 | | 0.0207 | | | | | | | 2 | | ND | 6480 |
| M45-1 | 12/2/1999 | | | | | | | | | 64 | ND | 6.75 | | ND | | | | | | | 1 | | ND | 5270 |
| M45-1 | 5/26/2000 | | | | | | | | | 43 | 0.03 | 14 | | ND | | | | | | | 4 | | ND | 22000 |
| M45-1 | 5/16/2001 | | | | | | | | | 35 | 0.51 | 31.3 | | 0.0237 | | | | | | | 9 | | ND | 15300 |
| M45-1 | 6/18/2002 | | | | | | | | | 39 | ND | 26 | | 0.0237 | | | | | | | 6 | | ND | 18800 |
| M45-1 | 5/28/2003 | | | | | | | | | 34 | < 0.01 | 28 | | 0.0151 | | | | | | | 5 | | < 0.001 | 16300 |
| M45-1 | 5/7/2004 | | | | | | | | | 30 | < 0.1 | 20 | | 0.0127 | | | | | | | 5 | | < 0.001 | 18200 |
| M45-1 | 5/3/2005 | | | | | | | | | 31 | 0.02 | 29.8 | | 0.018 | | | | | | | 4 | | < 0.001 | 16400 |
| M45-1 | 6/2/2006 | | | | < 0.0004 | | | | | 29 | < 1 | 29.3 | | 0.007 | | | | | | | 4 | 4 | < 0.01 | 18400 |
| M45-2 | 11/2/1995 | | | | | | | | | 222 | | 1.41 | | | | | | | | | 8 | | | |
| M45-2 | 11/3/1995 | ND | ND | ND | ND | | | ND | ND | | | | ND | ND | ND | ND | ND | | ND | | | | | |
| M45-2 | 11/20/1995 | | | | | | | | | | ND | | | | | | | | | | | | ND | 431 |
| M45-2 | 5/1/1997 | ND | ND | ND | ND | | | ND | ND | 65 | ND | 2.04 | ND | ND | ND | ND | ND | | ND | | 12 | | ND | 1840 |

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo(b,k)fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M45-2 | 10/1/1997 | | | | | | | | | 62 | ND | 2.57 | | | | | | | | | 1 | | ND | 1927 |
| M45-2 | 5/8/1998 | | | | | | | | | 50 | ND | 8.1 | | ND | | | | | | | 4 | | ND | 1720 |
| M45-2 | 5/10/1999 | | | | | | | | | 29 | ND | 16.1 | | ND | | | | | | | 9 | | ND | 5020 |
| M45-2 | 5/26/2000 | | | | | | | | | 43 | 0.11 | 11 | | ND | | | | | | | 4 | | ND | 18600 |
| M45-2 | 5/16/2001 | | | | | | | | | 36 | ND | 20.5 | | ND | | | | | | | 3 | | ND | 5180 |
| M45-2 | 6/18/2002 | | | | | | | | | 32 | ND | 18 | | ND | | | | | | | 3 | | ND | 10900 |
| M45-2 | 5/28/2003 | | | | | | | | | 29 | 0.08 | 21 | | < 0.0005 | | | | | | | 4 | | < 0.001 | 8140 |
| M45-2 | 4/20/2007 | | | | | | | | | 35 | < 1 | 24.1 | | 0.0403 | | | | | | | 1 | | < 0.01 | 10800 |
| M45-3 | 11/2/1995 | | | | | | | | | 145 | | 1.41 | | | | | | | | | 25 | | | |
| M45-3 | 11/3/1995 | ND | ND | ND | ND | | | ND | ND | | 0.03 | | ND | ND | ND | ND | ND | | ND | | | | ND | 405 |
| M45-3 | 4/1/1996 | | | | | | | | | 88 | ND | 3.03 | | 0.47 | | | | | | | 182 | | ND | 914 |
| M45-3 | 5/1/1997 | | | | | | | | | 97 | | 59 | | 0.372 | | | | | | | | | | 2210 |
| M45-3 | 10/1/1997 | | | | | | | | | 184 | ND | 10.6 | | | | | | | | | 148 | | ND | 4486 |
| M45-3 | 5/8/1998 | | | | | | | | | | | 16.9 | | 0.4 | | | | | | | | | | |
| M45-3 | 5/26/2000 | | | | | | | | | 65 | ND | 8.2 | | ND | | | | | | | 12 | | ND | 6270 |
| M45-3 | 5/16/2001 | | | | | | | | | 90 | ND | 22.6 | | 0.378 | | | | | | | 50 | | ND | 5880 |
| M45-3 | 6/18/2002 | | | | | | | | | 70 | ND | 18 | | 0.0889 | | | | | | | 28 | | ND | 6330 |
| M45-3 | 5/28/2003 | | | | | | | | | 63 | < 0.01 | 22.6 | | 0.292 | | | | | | | 44 | | < 0.001 | 6390 |
| M45-3 | 5/7/2004 | | | | | | | | | 62 | < 0.1 | 19 | | 0.306 | | | | | | | 47 | | < 0.001 | 7020 |
| M45-3 | 5/3/2005 | | | | | | | | | 61 | 0.01 | 20.3 | | 0.389 | | | | | | | | | < 0.001 | 8430 |
| M45-3 | 6/2/2006 | | | | < 0.0004 | | | | | 63 | < 1 | 24.9 | | 0.383 | | | | | | | 12 | 1 | < 0.01 | 8440 |
| M46-1 | 4/20/1995 | | | | | | | | | | ND | | | | | | | | | | | | ND | 100 |
| M46-1 | 11/2/1995 | | | | | | | | | 291 | | 2.06 | | | | | | | | | 136 | | | |
| M46-1 | 11/3/1995 | ND | ND | ND | ND | | | ND | ND | | | | ND | 0.581 | ND | ND | ND | | ND | | | | | |
| M46-1 | 4/1/1996 | ND | ND | ND | ND | | | | | 292 | ND | 2.36 | | 1.2 | | | | | | | 89 | | ND | 129 |
| M46-2 | 4/20/1995 | | | | | | | | | | 0.43 | | | | | | | | | | | | ND | 30 |
| M46-2 | 11/2/1995 | | | | | | | | | 494 | | 1.41 | | | | | | | | | 13 | | | |
| M46-2 | 11/3/1995 | ND | ND | ND | ND | | | ND | ND | | | | ND | ND | ND | ND | ND | | ND | | | | | |
| M46-2 | 4/1/1996 | | | | | | | | | 474 | 0.09 | 1.33 | | ND | | | | | | | 4 | | ND | 27 |
| M46-2 | 4/1/1997 | | | | | | | | | | 0.09 | | | | | | | | | | | | ND | 30 |
| M46-2 | 5/1/1997 | | | | | | | | | 462 | | 1.61 | | ND | | | | | | | 5 | | | |
| M46-2 | 5/8/1998 | | | | | | | | | 493 | ND | 1.44 | | ND | | | | | | | ND | | ND | 21 |
| M46-2 | 5/12/1999 | | | | | | | | | 471 | ND | 1.16 | | ND | | | | | | | 3 | | ND | 24 |
| M46-2 | 5/25/2000 | | | | | | | | | 485 | 0.07 | 0.62 | | ND | | | | | | | 4 | | ND | 26 |
| M46-2 | 5/15/2001 | | | | | | | | | 485 | ND | 1.07 | | ND | | | | | | | 1 | | ND | 19 |
| M46-2 | 6/18/2002 | | | | | | | | | 490 | ND | 1 | | ND | | | | | | | 3 | | ND | 19 |
| M46-2 | 5/28/2003 | | | | | | | | | 479 | < 0.01 | 1.16 | | < 0.0005 | | | | | | | 7 | | < 0.001 | 18 |
| M46-2 | 5/5/2004 | | | | | | | | | 484 | 0.01 | 1.09 | | < 0.0013 | | | | | | | 3 | | < 0.0001 | 19 |
| M46-2 | 5/4/2005 | | | | | | | | | 497 | < 0.01 | 1.04 | | | | | | | | | 7 | | < 0.0001 | 16 |
| M46-2 | 6/2/2006 | | | | < 0.0004 | | | | | 500 | 0.02 | 1.2 | | < 0.0005 | | | | | | | 9 | 1.19 | < 0.0001 | 23 |
| M46-2 | 4/19/2007 | | | | | | | | | 486 | 0.03 | 1.09 | | < 0.0005 | | | | | | | < 1 | | < 0.0001 | 25 |
| M46-2 | 4/29/2008 | | | | | | | | | 498 | < 0.02 | 1.02 | | < 0.0001 | | | | | | | 4 | | < 0.0001 | 19 |
| M47-1 | 4/20/1995 | | | | | | | | | | ND | | | | | | | | | | | | ND | 344 |
| M47-1 | 11/2/1995 | | | | | | | | | 133 | | 5.17 | | | | | | | | | 9 | | | |
| M47-1 | 11/3/1995 | | | | | | | | | | | | | 0.112 | | | | | | | | | | |
| M47-1 | 4/1/1996 | | | | | | | | | 85 | ND | 6.71 | | ND | | | | | | | 2 | | ND | 1180 |
| M47-1 | 5/8/1998 | | | | | | | | | 39 | ND | 12 | | 0.23 | | | | | | | ND | | ND | 2400 |
| M47-1 | 5/12/1999 | | | | | | | | | 42 | ND | 10.8 | | 0.0274 | | | | | | | 2 | | ND | 2030 |
| M47-1 | 5/24/2000 | | | | | | | | | 94 | ND | 7.1 | | ND | | | | | | | 1 | | ND | 1500 |
| M47-1 | 5/15/2001 | | | | | | | | | 162 | ND | 7.29 | | ND | | | | | | | 2 | | ND | 1000 |
| M47-1 | 6/17/2002 | | | | | | | | | 257 | ND | 0.12 | | ND | | | | | | | 2 | | ND | 1460 |
| M47-1 | 5/28/2003 | | | | | | | | | 270 | < 0.01 | 10 | | < 0.0005 | | | | | | | 4 | | < 0.001 | 1490 |
| M47-1 | 5/4/2004 | | | | | | | | | 305 | 0.02 | 7.19 | | < 0.0013 | | | | | | | 8 | | < 0.001 | 1270 |
| M47-1 | 5/4/2005 | | | | | | | | | 339 | < 0.1 | 3.97 | | | | | | | | | 15 | | < 0.001 | 581 |
| M47-1 | 5/31/2006 | | | | < 0.0004 | | | | | 385 | 0.1 | 3.31 | | < 0.0005 | | | | | | | 16 | 0.8 | < 0.001 | 387 |
| M47-1 | 4/19/2007 | | | | | | | | | 314 | < 0.1 | 5.98 | | 0.004 | | | | | | | 8 | | < 0.001 | 2030 |
| M47-1 | 5/1/2008 | | | | | | | | | 337 | < 0.2 | 3.11 | | 0.027 | | | | | | | < 2 | | < 0.001 | 410 |
| M47-2 | 4/20/1995 | | | | | | | | | | ND | | | | | | | | | | | | ND | 143 |
| M47-2 | 11/2/1995 | | | | | | | | | 265 | | 2.71 | | | | | | | | | 25 | | | |
| M47-2 | 11/3/1995 | ND | ND | ND | ND | | | ND | ND | | | | ND | ND | ND | ND | ND | | ND | | | | | |
| M47-2 | 4/1/1996 | | | | | | | | | 268 | ND | 3.9 | | ND | | | | | | | 6 | | ND | 206 |
| M47-2 | 4/1/1997 | | | | | | | | | | 0.04 | | | | | | | | | | | | ND | 577 |
| M47-2 | 5/1/1997 | | | | | | | | | 279 | | 5.99 | | ND | | | | | | | 4 | | | |
| M47-2 | 5/8/1998 | | | | | | | | | 304 | 0.04 | 3.11 | | ND | | | | | | | 16 | | ND | 100 |
| M47-2 | 5/12/1999 | | | | | | | | | 275 | ND | 5.66 | | ND | | | | | | | 14 | | ND | 136 |
| M47-2 | 5/24/2000 | | | | | | | | | 315 | 0.31 | 1.1 | | ND | | | | | | | 1 | | ND | 129 |
| M47-2 | 5/15/2001 | | | | | | | | | 345 | ND | 3.23 | | ND | | | | | | | 10 | | ND | 93 |
| M47-2 | 6/17/2002 | | | | | | | | | 352 | ND | 2.72 | | ND | | | | | | | 12 | | ND | 86 |
| M47-2 | 5/28/2003 | | | | | | | | | 341 | < 0.01 | 2.75 | | 0.001 | | | | | | | 6 | | < 0.001 | 81 |
| M47-2 | 5/4/2004 | | | | | | | | | 408 | 0.01 | 2.38 | | < 0.0013 | | | | | | | 17 | | < 0.001 | 62 |
| M47-2 | 5/4/2005 | | | | | | | | | 457 | 0.01 | 1.7 | | | | | | | | | 8 | | < 0.0001 | 35 |
| M47-2 | 5/31/2006 | | | | < 0.0004 | | | | | 434 | 0.03 | 1.96 | | 0.0007 | | | | | | | 5 | 1.4 | < 0.0001 | 51 |
| M47-2 | 4/19/2007 | | | | | | | | | 434 | 0.03 | 1.91 | | < 0.0005 | | | | | | | 4 | | < 0.0001 | 49 |
| M47-2 | 5/1/2008 | | | | | | | | | 383 | < 0.2 | 2.15 | | 0.0004 | | | | | | | 4 | | < 0.001 | 47 |
| M47-3 | 4/20/1995 | | | | | | | | | | 2.22 | | | | | | | | | | | | ND | 5 |
| M47-3 | 11/2/1995 | | | | | | | | | 385 | | 0.43 | | | | | | | | | 31 | | | |
| M47-3 | 11/3/1995 | ND | ND | ND | ND | | | ND | ND | | | | ND | ND | ND | ND | ND | | ND | | | | | |

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo(b,k)fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M47-3 | 4/1/1996 | | | | | | | | | 384 | ND | 0.32 | | ND | | | | | | | 14 | | ND | 17 |
| M47-3 | 4/1/1997 | | | | | | | | | | 1.46 | | | | | | | | | | | | ND | 11 |
| M47-3 | 5/1/1997 | | | | | | | | | 390 | | 0.2 | | ND | | | | | | | 27 | | | |
| M47-3 | 5/8/1998 | | | | | | | | | 608 | 1.37 | 0.34 | | ND | | | | | | | 9 | | ND | 36 |
| M47-3 | 5/12/1999 | | | | | | | | | 337 | ND | 0.41 | | ND | | | | | | | 28 | | ND | 8 |
| M47-3 | 5/24/2000 | | | | | | | | | 350 | 2.34 | 2.6 | | ND | | | | | | | 18 | | ND | 52 |
| M47-3 | 5/15/2001 | | | | | | | | | 357 | 0.06 | 0.05 | | ND | | | | | | | ND | | ND | 101 |
| M47-3 | 6/17/2002 | | | | | | | | | 220 | ND | 0.09 | | ND | | | | | | | 7 | | ND | 33 |
| M47-3 | 5/28/2003 | | | | | | | | | 305 | 0.01 | 0.18 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 9 |
| M47-3 | 5/4/2004 | | | | | | | | | 161 | 0.4 | 0.04 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 14 |
| M47-3 | 5/4/2005 | | | | | | | | | 215 | < 0.01 | 0.14 | | | | | | | | | 5 | | < 0.0001 | 6 |
| M47-3 | 5/31/2006 | | | | < 0.0004 | | | | | 182 | 0.03 | 0.1 | | < 0.0005 | | | | | | | < 1 | 0.04 | < 0.0001 | 8 |
| M47-3 | 4/19/2007 | | | | | | | | | 179 | 0.06 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.0001 | 8 |
| M47-3 | 5/1/2008 | | | | | | | | | 159 | < 0.02 | < 0.15 | | < 0.0001 | | | | | | | < 2 | | < 0.0001 | 5.4 |
| M48-1 | 4/20/1995 | | | | | | | | | | ND | | | | | | | | | | | | ND | 1680 |
| M48-1 | 11/2/1995 | | | | | | | | | 139 | | 7.15 | | | | | | | | | 2 | | | |
| M48-1 | 11/3/1995 | ND | ND | ND | ND | | | ND | ND | | | | ND | ND | ND | ND | ND | | ND | | | | | |
| M48-1 | 4/1/1996 | | | | | | | | | 95 | ND | 6.18 | | ND | | | | | | | ND | | ND | 1240 |
| M48-1 | 5/8/1998 | | | | | | | | | 5810 | ND | 6.89 | | ND | | | | | | | ND | | ND | 1140 |
| M48-1 | 5/10/1999 | | | | | | | | | 81 | ND | 6.75 | | ND | | | | | | | 22 | | ND | 1260 |
| M48-1 | 5/26/2000 | | | | | | | | | | 0.34 | | | | | | | | | | | | ND | 981 |
| M48-1 | 5/29/2000 | | | | | | | | | 130 | | 0.51 | | ND | | | | | | | 1 | | | |
| M48-1 | 5/15/2001 | | | | | | | | | 160 | ND | 5.1 | | ND | | | | | | | ND | | ND | 981 |
| M48-1 | 6/19/2002 | | | | | | | | | 112 | ND | 4 | | ND | | | | | | | 3 | | ND | 1350 |
| M48-1 | 5/27/2003 | | | | | | | | | 94 | < 0.01 | 6.68 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 1340 |
| M48-1 | 5/7/2004 | | | | | | | | | 107 | < 0.1 | 5.38 | | < 0.0013 | | | | | | | 2 | | < 0.001 | 1230 |
| M48-1 | 5/4/2005 | | | | | | | | | 156 | < 0.1 | 3.74 | | < 0.0013 | | | | | | | < 1 | | < 0.001 | 945 |
| M48-1 | 6/2/2006 | | | | < 0.0004 | | | | | 161 | < 0.1 | 4.06 | | < 0.0005 | | | | | | | 2 | 1 | < 0.001 | 820 |
| M48-2 | 11/2/1995 | | | | | | | | | 321 | | 2.23 | | | | | | | | | 7 | | | |
| M48-2 | 11/3/1995 | ND | ND | ND | ND | | | ND | ND | | 0.62 | | ND | ND | ND | ND | ND | | ND | | | | ND | 87 |
| M48-2 | 5/10/1999 | | | | | | | | | 2200 | ND | 1.35 | | ND | | | | | | | 3 | | ND | 64 |
| M48-2 | 5/26/2000 | | | | | | | | | | 0.07 | | | | | | | | | | | | ND | 31 |
| M48-2 | 5/29/2000 | | | | | | | | | 281 | | 1.1 | | ND | | | | | | | 1 | | | |
| M48-2 | 5/15/2001 | | | | | | | | | 314 | ND | 0.88 | | ND | | | | | | | 3 | | ND | 27 |
| M48-2 | 6/19/2002 | | | | | | | | | 317 | ND | 0.72 | | ND | | | | | | | 4 | | ND | 18 |
| M48-2 | 5/27/2003 | | | | | | | | | 229 | < 0.01 | 0.82 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 15 |
| M48-2 | 10/24/2003 | | | | < 0.0024 | | | | | | | | | | | | | | | | | | | |
| M48-2 | 5/7/2004 | | | | < 0.0024 | | | | | 286 | < 0.01 | 0.55 | | < 0.0013 | | | | | | | 4 | 0.77 | < 0.0001 | 11 |
| M48-2 | 5/4/2005 | | | | < 0.0024 | | | | | 294 | 0.03 | 0.11 | | < 0.0013 | | | | | | | 8 | 0.89 | < 0.0001 | 11 |
| M48-2 | 4/19/2007 | | | | | | | | | 297 | 0.02 | 0.45 | | < 0.0005 | | | | | | | 3 | | < 0.0001 | 9 |
| M48-3 | 11/2/1995 | | | | | | | | | 137 | | 1 | | | | | | | | | 35 | | | |
| M48-3 | 11/3/1995 | ND | ND | ND | ND | | | ND | ND | | ND | | ND | ND | ND | ND | ND | | ND | | | | ND | 127 |
| M48-3 | 4/1/1996 | | | | | | | | | 217 | ND | 1.45 | | ND | | | | | | | 3 | | ND | 515 |
| M48-3 | 5/8/1998 | | | | | | | | | 151 | 0.05 | 1.36 | | ND | | | | | | | 3 | | ND | 82 |
| M48-3 | 5/10/1999 | | | | | | | | | 176 | ND | 1.66 | | ND | | | | | | | 3 | | ND | 65 |
| M48-3 | 5/26/2000 | | | | | | | | | | 0.05 | | | | | | | | | | | | ND | 37 |
| M48-3 | 5/29/2000 | | | | | | | | | 180 | | 1.2 | | ND | | | | | | | 3 | | | |
| M48-3 | 5/15/2001 | | | | | | | | | 228 | ND | 0.88 | | ND | | | | | | | 2 | | ND | 30 |
| M48-3 | 6/19/2002 | | | | | | | | | 306 | ND | 0.8 | | ND | | | | | | | 3 | | ND | 19 |
| M48-3 | 5/27/2003 | | | | | | | | | 262 | < 0.01 | 0.4 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 25 |
| M48-3 | 10/24/2003 | | | | < 0.0024 | | | | | | | | | | | | | | | | | | | |
| M48-3 | 5/7/2004 | | | | < 0.0024 | | | | | 251 | < 0.01 | 0.61 | | < 0.0013 | | | | | | | 4 | 0.75 | < 0.0001 | 8 |
| M48-3 | 5/4/2005 | | | | < 0.0024 | | | | | 282 | 0.09 | 0.52 | | < 0.0013 | | | | | | | < 1 | 0.9 | < 0.0001 | 8 |
| M48-3 | 6/2/2006 | | | | < 0.0004 | | | | | 281 | 0.03 | 0.39 | | < 0.0005 | | | | | | | < 1 | 0.71 | < 0.0001 | 10 |
| M48-3 | 4/19/2007 | | | | | | | | | 273 | 0.02 | 0.46 | | < 0.0005 | | | | | | | 2 | | < 0.0001 | 10 |
| M49-1 | 5/1/1997 | ND | ND | ND | ND | | | ND | ND | 355 | ND | 0.21 | ND | ND | ND | ND | ND | | ND | | 1 | | ND | 83 |
| M49-1 | 5/8/1998 | | | | | | | | | 371 | 5.05 | 0.72 | | ND | | | | | | | ND | | ND | 16 |
| M49-1 | 5/11/1999 | | | | | | | | | 380 | ND | 0.51 | | 0.0027 | | | | | | | 3 | | ND | 16 |
| M49-1 | 5/24/2000 | | | | | | | | | 373 | 0.75 | 0.55 | | ND | | | | | | | 1 | | ND | 11 |
| M49-1 | 5/14/2001 | | | | | | | | | 362 | ND | 0.38 | | ND | | | | | | | 3 | | ND | 15 |
| M49-1 | 6/19/2002 | | | | | | | | | 354 | ND | 0.69 | | ND | | | | | | | 6 | | ND | 12 |
| M49-1 | 5/29/2003 | | | | | | | | | 350 | 0.01 | 0.61 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 12 |
| M49-1 | 5/3/2004 | | | | | | | | | 338 | 0.02 | 0.08 | | < 0.0013 | | | | | | | 2 | | < 0.0001 | 10 |
| M49-1 | 5/5/2005 | | | | | | | | | 339 | 0.02 | 0.38 | | < 0.0013 | | | | | | | 6 | | < 0.0001 | 9 |
| M49-1 | 6/2/2006 | | | | 0.0011 | | | | | 350 | 0.05 | 0.87 | | < 0.0005 | | | | | | | 2 | 0.78 | < 0.0001 | 11 |
| M49-1 | 4/18/2007 | | | | | | | | | 351 | 0.02 | 0.63 | | < 0.0005 | | | | | | | 11 | | < 0.0001 | 7 |
| M49-1 | 1/5/2008 | | | | | | | | | 356 | 0.4 | 0.91 | | < 0.0001 | | | | | | | 2 | | < 0.0001 | 5.6 |
| M49-2 | 5/1/1997 | ND | ND | ND | ND | | | ND | ND | 489 | 3.3 | 0.96 | ND | ND | ND | ND | ND | | ND | | 11 | | ND | 29 |
| M49-2 | 5/8/1998 | ND | ND | ND | ND | | | ND | ND | 586 | ND | 1.38 | ND | 0.0023 | ND | ND | ND | | ND | | 3 | | ND | 15 |
| M49-2 | 5/11/1999 | | | | | | | | | 454 | ND | 0.47 | | ND | | | | | | | 6 | | ND | 10 |
| M49-2 | 5/26/2000 | ND | ND | ND | ND | | | ND | ND | 623 | 3.71 | 0.77 | ND | ND | ND | ND | ND | | ND | | 15 | | ND | 34 |
| M49-2 | 5/14/2001 | ND | ND | ND | ND | | | | | 601 | ND | 0.58 | | ND | | | | | | | 7 | | ND | 19 |
| M49-2 | 6/19/2002 | ND | ND | ND | ND | | | | | 668 | ND | 1.5 | | ND | | | | | | | 7 | | ND | 15 |
| M49-2 | 5/29/2003 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | | | | | 516 | 0.02 | 0.81 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 14 |
| M49-2 | 5/3/2004 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | < 0.0017 | < 0.0015 | 702 | 0.02 | 0.3 | < 0.0018 | 0.0022 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 29 | | < 0.0001 | 8 |
| M49-2 | 5/5/2005 | < 0.0021 | < 0.0035 | < 0.0016 | <0.0024 | | | < 0.0017 | < 0.0015 | 582 | 0.02 | 0.07 | < 0.0018 | < 0.0013 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 17 | | < 0.0001 | 8 |
| M49-2 | 6/2/2006 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 648 | 0.04 | 1.14 | < 0.0002 | 0.0008 | | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 24 | 1.26 | < 0.0001 | 8 |

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo (b,k) fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M49-2 | 4/18/2007 | < 0.004 | < 0.004 | < 0.005 | < 0.004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 687 | 0.02 | 0.79 | < 0.0002 | < 0.005 | | < 0.0002 | < 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | 25 | | < 0.0001 | 8 |
| M49-2 | 5/1/2008 | < 0.0001 | < 0.0001 | < 0.0001 | < 0.0002 | < 0.00005 | < 0.00005 | < 0.00005 | < 0.00005 | 597 | < 0.02 | 1.12 | < 0.00005 | 0.0007 | | < 0.00005 | < 0.00001 | < 0.00005 | < 0.0001 | < 0.00005 | 21 | | < 0.0001 | 9.9 |
| M49-3 | 5/1/1997 | | | | | | | | | | 0.03 | | | ND | | | | | | | 4 | | ND | |
| M49-3 | 5/8/1998 | | | | | | | | | 524 | 0.32 | 1.24 | | ND | | | | | | | 8 | | ND | 41 |
| M49-3 | 6/19/2002 | | | | | | | | | 465 | ND | 0.15 | | ND | | | | | | | 1 | | ND | 58 |
| M49-3 | 5/29/2003 | | | | | | | | | 483 | < 0.01 | 0.13 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 50 |
| M49-3 | 5/5/2005 | | | | | | | | | 474 | 0.02 | 0.07 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 42 |
| M50-1 | 5/1/1997 | ND | ND | ND | ND | | | ND | ND | 164 | ND | 5.31 | 0.0002 | 0.54 | ND | ND | ND | | ND | | 34 | | ND | 835 |
| M50-1 | 5/8/1998 | ND | ND | ND | ND | | | ND | ND | 175 | ND | 7.86 | ND | 0.45 | ND | ND | ND | | ND | | ND | | ND | 752 |
| M50-1 | 5/12/1999 | | | | | | | | | 195 | ND | 11 | | 0.43 | | | | | | | 14 | | ND | 864 |
| M50-1 | 12/3/1999 | | | | | | | | | 133 | ND | 5.25 | | 0.28 | | | | | | | 6 | | ND | 1000 |
| M50-1 | 5/26/2000 | ND | ND | ND | ND | | | ND | ND | 274 | ND | 6.8 | ND | 0.23 | ND | ND | ND | | ND | | 13 | | ND | 822 |
| M50-1 | 5/15/2001 | ND | ND | ND | ND | | | | | 259 | ND | 9.94 | | 0.27 | | | | | | | 7 | | ND | 2467 |
| M50-1 | 6/19/2002 | ND | ND | ND | ND | | | ND | ND | 362 | ND | 10.4 | ND | ND | ND | ND | ND | | ND | | 14 | | ND | 1420 |
| M50-1 | 5/28/2003 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | | | | | 299 | 0.01 | 10.7 | | < 0.0005 | | | | | | | 3 | | < 0.001 | 2190 |
| M50-1 | 5/4/2004 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | < 0.0017 | < 0.0015 | 339 | 0.01 | 6.95 | < 0.0018 | 0.235 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 17 | | < 0.001 | 766 |
| M50-1 | 5/4/2005 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | < 0.0002 | < 0.0002 | < 0.0017 | < 0.0015 | 312 | < 0.1 | 8.7 | < 0.0018 | < 0.0013 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 20 | | < 0.001 | 970 |
| M50-1 | 5/31/2006 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 337 | 0.68 | 7.83 | < 0.0002 | 0.314 | | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 15 | 1.9 | < 0.001 | 977 |
| M50-1 | 4/19/2007 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 336 | < 0.1 | 8.54 | < 0.0002 | 0.0009 | | < 0.0002 | < 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | 13 | | < 0.001 | 1350 |
| M50-1 | 4/29/2008 | < 0.005 | < 0.005 | < 0.005 | < 0.01 | < 0.00005 | < 0.00005 | < 0.00005 | < 0.00005 | 408 | < 0.8 | 9.03 | < 0.00005 | 0.24 | | < 0.00005 | < 0.00001 | < 0.00005 | < 0.0001 | < 0.00005 | < 2 | | < 0.005 | 1000 |
| M50-2 | 5/1/1997 | ND | ND | ND | ND | | | ND | ND | 221 | ND | 10 | ND | 0.39 | ND | ND | ND | | ND | | 122 | | | 561 |
| M50-2 | 5/8/1998 | ND | ND | ND | ND | | | ND | ND | 235 | ND | 7.72 | ND | 0.4 | ND | ND | ND | | ND | | 18 | | ND | 602 |
| M50-2 | 5/12/1999 | | | | | | | | | 231 | ND | 8.76 | | 0.27 | | | | | | | 36 | | ND | 416 |
| M50-2 | 12/2/1999 | | | | | | | | | 235 | ND | 3.96 | | 0.207 | | | | | | | 136 | | ND | 466 |
| M50-2 | 5/15/2000 | ND | ND | ND | ND | | | ND | ND | | | | ND | 0.135 | ND | ND | ND | | ND | | | | | |
| M50-2 | 5/25/2000 | | | | | | | | | 336 | 0.67 | 8.1 | | | | | | | | | 12 | | ND | 417 |
| M50-2 | 5/15/2001 | ND | ND | ND | ND | | | | | 353 | ND | 7.52 | | ND | | | | | | | 30 | | ND | 561 |
| M50-2 | 6/19/2002 | ND | ND | ND | ND | | | ND | ND | 235 | ND | 8.51 | ND | 0.19 | ND | ND | ND | | ND | | 39 | | ND | 548 |
| M50-2 | 5/28/2003 | < 0.003 | < 0.003 | < 0.004 | < 0.003 | | | | | 270 | < 0.01 | 10.1 | | 0.018 | | | | | | | 12 | | < 0.001 | 511 |
| M50-2 | 5/4/2005 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | < 0.0002 | < 0.0002 | < 0.0017 | < 0.0015 | 299 | < 0.1 | 8.3 | < 0.0018 | 0.128 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 48 | | < 0.001 | 558 |
| M50-3 | 5/1/1997 | | | | | | | | | 220 | ND | 5.26 | | | | | | | | | 8 | | ND | 35 |
| M50-3 | 5/8/1998 | | | | | | | | | 191 | ND | 10.3 | | 0.0013 | | | | | | | 17 | | ND | 573 |
| M50-3 | 5/12/1999 | | | | | | | | | 209 | ND | 11.6 | | ND | | | | | | | 6 | | ND | 551 |
| M50-3 | 5/26/2000 | | | | | | | | | 264 | ND | 7.4 | | ND | | | | | | | 6 | | ND | 426 |
| M50-3 | 5/15/2001 | | | | | | | | | 248 | ND | 8.28 | | ND | | | | | | | 7 | | ND | 492 |
| M50-3 | 6/17/2002 | | | | | | | | | 266 | ND | 8.59 | | ND | | | | | | | 8 | | ND | 477 |
| M50-3 | 5/28/2003 | | | | | | | | | 270 | < 0.01 | 10 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 524 |
| M50-3 | 5/4/2004 | | | | | | | | | 276 | < 0.01 | 8.03 | | < 0.0013 | | | | | | | 23 | | < 0.001 | 502 |
| M50-3 | 5/4/2005 | | | | | | | | | 244 | < 0.1 | 9.24 | | | | | | | | | 31 | | < 0.001 | 539 |
| M50-3 | 5/31/2006 | | | | < 0.0004 | | | | | 262 | 0.12 | 7.67 | | < 0.0005 | | | | | | | 2 | 1.6 | < 0.001 | 516 |
| M50-3 | 4/19/2007 | | | | | | | | | 244 | < 0.1 | 8.93 | | < 0.0005 | | | | | | | 5 | | < 0.001 | 543 |
| M50-3 | 4/29/2008 | | | | | | | | | 226 | < 0.2 | 10.1 | | 0.0005 | | | | | | | 3 | | < 0.001 | 550 |
| M5-1 | 6/18/1991 | | | | | | | | | 455 | | 0.46 | | | | | | | | | 4 | 1.4 | ND | 21 |
| M5-1 | 7/1/1991 | ND | ND | ND | ND | | | | | | | | | 0.006 | | | | | | | | | | |
| M5-1 | 7/1/1992 | ND | ND | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M5-1 | 7/24/1992 | | | | | | | | | 364 | | 1.36 | | | | | | | | | 2 | | | |
| M5-1 | 8/24/1992 | | | | | | | | | | ND | | | | | | | | | | | 1.66 | ND | 25 |
| M5-1 | 5/13/1993 | | | | | | | | | 341 | | 0.44 | | | | | | | | | 1 | | | |
| M5-1 | 5/17/1993 | | | | | | | | | | ND | | | | | | | | | | | 1.35 | ND | 51 |
| M5-1 | 7/1/1994 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M5-1 | 7/6/1994 | | | | | | | | | 450 | ND | 3.2 | | | | | | | | | 3.2 | 1.34 | ND | 26.6 |
| M5-1 | 4/20/1995 | | | | | | | | | 394 | ND | 0.84 | | | | | | | | | 1 | | ND | 26 |
| M5-1 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M5-1 | 4/1/1996 | | | | | | | | | 394 | 0.15 | 1.06 | | ND | | | | | | | 2 | | ND | 20 |
| M5-1 | 4/1/1997 | | | | | | | | | | ND | | | | | | | | | | | | ND | 20 |
| M5-1 | 5/1/1997 | | | | | | | | | 378 | | 0.31 | | ND | | | | | | | 6 | | | |
| M5-1 | 5/8/1998 | | | | | | | | | 381 | ND | 1.03 | | 0.0005 | | | | | | | 1 | | ND | 18 |
| M5-1 | 5/12/1999 | | | | | | | | | 377 | ND | 0.11 | | 0.0017 | | | | | | | 2 | | ND | 18 |
| M5-1 | 5/30/2000 | | | | | | | | | 386 | 0.23 | 0.82 | | 0.0025 | | | | | | | 2 | | ND | 16 |
| M5-1 | 5/15/2001 | | | | | | | | | 391 | ND | 1.47 | | 0.0046 | | | | | | | 2 | | ND | 16 |
| M5-1 | 6/18/2002 | | | | | | | | | 393 | ND | 1.21 | | ND | | | | | | | 8 | | ND | 15 |
| M5-1 | 5/27/2003 | | | | | | | | | 391 | < 0.01 | 1.13 | | 0.0055 | | | | | | | 5 | | < 0.0001 | 16 |
| M5-1 | 5/5/2004 | | | | | | | | | 401 | 0.01 | 1.02 | | 0.0068 | | | | | | | 13 | | < 0.0001 | 18 |
| M5-1 | 5/3/2005 | | | | | | | | | 403 | 0.02 | 1.15 | | 0.0044 | | | | | | | 14 | | < 0.0001 | 16 |
| M5-1 | 6/2/2006 | | | | < 0.0004 | | | | | 411 | 0.02 | 0.99 | | < 0.0005 | | | | | | | 1 | 1.6 | < 0.0001 | 15 |
| M5-1 | 4/19/2007 | | | | | | | | | 417 | 0.05 | 0.94 | | 0.0008 | | | | | | | 9 | | < 0.0001 | 21 |
| M5-1 | 4/29/2008 | | | | | | | | | 417 | < 0.02 | 0.9 | | 0.003 | | | | | | | < 2 | | < 0.0001 | 18 |
| M51-1 | 5/31/2006 | | | | < 0.0004 | | | | | 43 | < 1 | 25.7 | | < 0.0005 | | | | | | | 6 | < 1 | < 0.01 | 5530 |
| M51-2 | 5/1/1997 | ND | ND | ND | ND | | | ND | ND | 464 | 0.77 | 0.89 | ND | ND | ND | ND | ND | | ND | | 3 | | ND | 20 |
| M51-2 | 5/8/1998 | | | | | | | ND | ND | 443 | 2.3 | 2 | ND | ND | ND | ND | ND | | ND | | 8 | | ND | 21 |
| M51-2 | 5/12/1999 | | | | | | | | | 456 | ND | 3.6 | | ND | | | | | | | 5 | | ND | 17 |
| M51-2 | 12/3/1999 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M51-2 | 5/24/2000 | | | | | | | | | | ND | | | | | | | | | | | | ND | 14 |
| M51-2 | 5/25/2000 | ND | ND | ND | ND | | | ND | ND | 495 | | 0.67 | ND | ND | ND | ND | ND | | ND | | 6 | | | |
| M51-2 | 5/16/2001 | ND | ND | ND | ND | | | ND | ND | 496 | ND | 1.23 | ND | ND | ND | ND | ND | | ND | | 1 | | ND | 11 |
| M51-2 | 6/17/2002 | ND | ND | ND | ND | | | ND | ND | 480 | ND | 1.08 | ND | ND | ND | ND | ND | | ND | | 18 | | ND | 12 |
| M51-2 | 5/28/2003 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | | | < 0.0001 | < 0.0001 | 472 | < 0.01 | 0.97 | < 0.0001 | < 0.0005 | | < 0.0001 | < 0.0001 | < 0.0001 | < 0.0002 | < 0.0001 | 3 | | < 0.001 | 11 |

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo (b,k) fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M51-2 | 5/4/2004 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | < 0.0017 | < 0.0015 | 474 | 0.03 | 1.09 | < 0.0018 | < 0.0013 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 1 | | < 0.0001 | 11 |
| M51-2 | 5/3/2005 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | < 0.0002 | < 0.0002 | < 0.0017 | < 0.0015 | 475 | 0.08 | 0.96 | < 0.0018 | < 0.0013 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 6 | | < 0.0001 | 10 |
| M51-2 | 5/31/2006 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 485 | 0.21 | 1.09 | < 0.0002 | < 0.0005 | | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 11 | 1.25 | < 0.0001 | 10 |
| M51-2 | 4/19/2007 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 472 | 0.02 | 0.99 | < 0.0002 | < 0.0005 | | < 0.0002 | < 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | 9 | | < 0.0001 | 10 |
| M51-2 | 4/29/2008 | < 0.0001 | < 0.0001 | < 0.0001 | < 0.0002 | < 0.00005 | < 0.00005 | < 0.00005 | < 0.00005 | 481 | < 0.02 | 1.11 | < 0.00005 | 0.0002 | | < 0.00005 | < 0.00001 | < 0.00005 | < 0.0001 | < 0.00005 | 10 | | < 0.0001 | 11 |
| M51-3 | 5/1/1997 | | | | | | | | | 536 | 6.41 | 1.28 | | ND | | | | | | | 7 | | ND | |
| M51-3 | 5/8/1998 | | | | | | | | | 271 | 1.54 | 1.61 | | ND | | | | | | | 3 | | ND | 54 |
| M51-3 | 5/12/1999 | | | | | | | | | 553 | ND | 1.14 | | ND | | | | | | | 4 | | ND | 39 |
| M51-3 | 5/26/2000 | | | | | | | | | 579 | 0.05 | 0.62 | | ND | | | | | | | 11 | | ND | 41 |
| M51-3 | 5/16/2001 | | | | | | | | | 556 | ND | 0.99 | | ND | | | | | | | 1 | | ND | 29 |
| M51-3 | 6/17/2002 | | | | | | | | | 530 | | 0.71 | | ND | | | | | | | 5 | | | |
| M51-3 | 5/28/2003 | | | | | | | | | 524 | < 0.01 | 1.19 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 34 |
| M51-3 | 5/4/2004 | | | | | | | | | 540 | 0.01 | 1.12 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 34 |
| M51-3 | 5/3/2005 | | | | | | | | | 518 | 0.02 | 0.9 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 34 |
| M51-3 | 5/31/2006 | | | | < 0.0004 | | | | | 514 | 0.26 | 0.95 | | < 0.0005 | | | | | | | 5 | 0.73 | < 0.0001 | 23 |
| M51-3 | 4/19/2007 | | | | | | | | | 509 | 0.02 | 0.74 | | < 0.0005 | | | | | | | < 1 | | < 0.0001 | 39 |
| M51-3 | 4/29/2008 | | | | | | | | | 513 | < 0.02 | 0.8 | | 0.0029 | | | | | | | < 2 | | < 0.0001 | 35 |
| M5-2 | 6/18/1991 | | | | | | | | | 452 | | 0.96 | | | | | | | | | 3 | 1.3 | ND | 27 |
| M5-2 | 7/1/1991 | ND | ND | ND | ND | | | | | | | | | 0.002 | | | | | | | | | | |
| M5-2 | 7/24/1992 | | | | | | | | | 346 | | 1.22 | | | | | | | | | 37 | | | |
| M5-2 | 8/24/1992 | | | | | | | | | | 0.05 | | | | | | | | | | | 1.4 | ND | 23 |
| M5-2 | 5/1/1993 | 0.0078 | ND | ND | ND | | | | | | | | | 0.0062 | | | | | | | | | | |
| M5-2 | 5/13/1993 | | | | | | | | | 201 | | 1.15 | | | | | | | | | 93 | | | |
| M5-2 | 5/17/1993 | | | | | | | | | | ND | | | | | | | | | | | 1.35 | ND | 18 |
| M5-2 | 7/1/1994 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M5-2 | 7/6/1994 | | | | | | | | | 470 | ND | 3.1 | | | | | | | | | ND | 1.27 | ND | 10.8 |
| M5-2 | 4/20/1995 | | | | | | | | | 414 | ND | 1 | | | | | | | | | 13 | | ND | 12 |
| M5-2 | 4/21/1995 | | | | | | | | | | | | | 0.0077 | | | | | | | | | | |
| M5-2 | 4/1/1996 | | | | | | | | | 388 | 0.04 | 1.08 | | 0.0163 | | | | | | | 13 | | ND | 12 |
| M5-2 | 4/1/1997 | | | | | | | | | | ND | | | | | | | | | | | | ND | 14 |
| M5-2 | 5/1/1997 | | | | | | | | | 420 | | 1.24 | | 0.0051 | | | | | | | 21 | | | |
| M5-2 | 5/8/1998 | | | | | | | | | 350 | ND | 1.19 | | 0.0199 | | | | | | | 17 | | ND | 14 |
| M5-2 | 5/12/1999 | | | | | | | | | 324 | ND | 0.13 | | 0.0221 | | | | | | | 20 | | ND | 17 |
| M5-2 | 5/30/2000 | | | | | | | | | 399 | 0.24 | 0.92 | | 0.0248 | | | | | | | 11 | | ND | 13 |
| M5-2 | 5/15/2001 | | | | | | | | | 391 | ND | 1.2 | | 0.0094 | | | | | | | 42 | | ND | 18 |
| M5-2 | 6/18/2002 | | | | | | | | | 357 | ND | 1.19 | | 0.0116 | | | | | | | 41 | | ND | 19 |
| M5-2 | 5/27/2003 | | | | | | | | | 370 | < 0.01 | 1.25 | | 0.0196 | | | | | | | 43 | | < 0.0001 | 17 |
| M5-2 | 5/5/2004 | | | | | | | | | 367 | 0.03 | 1.09 | | 0.015 | | | | | | | 98 | | < 0.0001 | 20 |
| M5-2 | 5/3/2005 | | | | | | | | | 303 | 0.02 | 0.4 | | 0.0169 | | | | | | | | | < 0.0001 | 20 |
| M5-2 | 6/6/2006 | | | | < 0.0004 | | | | | 483 | 0.02 | 1.05 | | 0.0027 | | | | | | | 128 | 1.49 | < 0.0001 | 27 |
| M5-2 | 4/19/2007 | | | | | | | | | 470 | 0.04 | 1.09 | | 0.019 | | | | | | | 81 | | < 0.0001 | 17 |
| M5-2 | 4/29/2008 | | | | | | | | | 433 | < 0.02 | 1.1 | | 0.011 | | | | | | | 52 | | < 0.0001 | 21 |
| M52-1 | 5/1/1997 | ND | ND | ND | ND | | | ND | ND | 244 | ND | 0.7 | ND | 0.0128 | ND | ND | ND | | ND | | 3 | | ND | 40 |
| M52-1 | 5/8/1998 | ND | ND | ND | ND | | | ND | ND | 302 | | 0.82 | ND | ND | ND | ND | ND | | ND | | 7 | | | |
| M52-1 | 5/12/1999 | | | | | | | | | 377 | ND | 1.9 | | ND | | | | | | | 16 | | ND | 24 |
| M52-1 | 12/20/1999 | | | | | | | | | 402 | 2 | 0.57 | | ND | | | | | | | 10 | | ND | 15 |
| M52-1 | 5/26/2000 | ND | ND | ND | ND | | | ND | ND | 582 | 0.03 | 0.29 | ND | ND | ND | ND | ND | | ND | | 10 | | ND | 39 |
| M52-1 | 5/16/2001 | ND | ND | ND | ND | | | ND | ND | 465 | ND | 1.34 | ND | ND | ND | ND | ND | | ND | | 8 | | ND | 29 |
| M52-1 | 6/17/2002 | ND | ND | ND | ND | | | ND | ND | 446 | | 1.19 | ND | ND | ND | ND | ND | | ND | | 16 | | | |
| M52-1 | 5/28/2003 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | | | < 0.0001 | < 0.0001 | 439 | < 0.01 | 1.23 | < 0.0001 | < 0.0005 | | < 0.0001 | < 0.0001 | < 0.0001 | < 0.0002 | < 0.0001 | 8 | | < 0.001 | 24 |
| M52-1 | 5/5/2004 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | < 0.0017 | < 0.0015 | 438 | 0.02 | 1.09 | < 0.0018 | < 0.0013 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 3 | | < 0.0001 | 22 |
| M52-1 | 5/3/2005 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | < 0.0002 | < 0.0002 | < 0.0017 | < 0.0015 | 424 | 0.03 | 1.26 | < 0.0018 | < 0.0013 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | < 1 | | < 0.0001 | 20 |
| M52-1 | 5/31/2006 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 461 | 0.04 | 0.13 | < 0.0002 | < 0.0005 | | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 8 | 1.32 | < 0.0001 | 19 |
| M52-1 | 4/19/2007 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 487 | 0.02 | 1.07 | < 0.0002 | < 0.0005 | | < 0.0002 | < 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | 9 | | < 0.0001 | 38 |
| M52-1 | 4/29/2008 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0004 | < 0.00005 | < 0.00005 | < 0.00005 | < 0.00005 | 437 | < 0.02 | 1.52 | < 0.00005 | 0.0097 | | < 0.00005 | < 0.00001 | < 0.00005 | < 0.0001 | < 0.00005 | 9 | | < 0.0001 | 29 |
| M52-2 | 5/1/1997 | ND | ND | ND | ND | | | ND | ND | 418 | 0.3 | 1.33 | ND | ND | ND | ND | ND | | ND | | 4 | | ND | 27 |
| M52-2 | 5/8/1998 | ND | ND | ND | ND | | | ND | ND | 403 | | 1.52 | ND | ND | ND | ND | ND | | ND | | 9 | | | |
| M52-2 | 5/12/1999 | | | | | | | | | 375 | ND | 2.57 | | ND | | | | | | | 4 | | ND | 20 |
| M52-2 | 12/2/1999 | | | | | | | | | 389 | 3.11 | 1.08 | | ND | | | | | | | 2 | | ND | 24 |
| M52-2 | 5/24/2000 | | | | | | | | | | ND | | | | | | | | | | | | ND | 26 |
| M52-2 | 5/25/2000 | ND | ND | ND | ND | | | ND | ND | 405 | | 1.1 | ND | ND | ND | ND | ND | | ND | | 3 | | | |
| M52-2 | 5/16/2001 | ND | ND | ND | ND | | | ND | ND | 392 | ND | 1.68 | ND | ND | ND | ND | ND | | ND | | 9 | | ND | 18 |
| M52-2 | 6/17/2002 | ND | ND | ND | ND | | | ND | ND | 395 | | 1.46 | ND | ND | ND | ND | ND | | ND | | 13 | | | |
| M52-2 | 5/28/2003 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | | | < 0.0001 | < 0.0001 | 399 | < 0.01 | 1.59 | < 0.0001 | < 0.0005 | | < 0.0001 | < 0.0001 | < 0.0001 | < 0.0002 | < 0.0001 | < 1 | | < 0.001 | 20 |
| M52-2 | 5/5/2004 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | < 0.0017 | < 0.0015 | 390 | 0.01 | 1.31 | < 0.0018 | < 0.0013 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 5 | | < 0.0001 | 18 |
| M52-2 | 5/3/2005 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | < 0.0002 | < 0.0002 | < 0.0017 | < 0.0015 | 403 | 0.02 | 1.1 | < 0.0018 | < 0.0013 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 3 | | < 0.0001 | 17 |
| M52-2 | 5/31/2006 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 413 | 0.03 | 1.3 | < 0.0002 | < 0.0005 | | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 6 | 1.29 | < 0.0001 | 17 |
| M52-2 | 4/19/2007 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 410 | 0.02 | 1.35 | < 0.0002 | < 0.0005 | | < 0.0002 | < 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | 5 | | < 0.0001 | 17 |
| M52-2 | 4/29/2008 | < 0.0001 | < 0.0001 | < 0.0001 | < 0.0002 | < 0.00005 | < 0.00005 | < 0.00005 | < 0.00005 | 382 | < 0.02 | 1.36 | < 0.00005 | 0.0004 | | < 0.00005 | < 0.00001 | < 0.00005 | < 0.0001 | < 0.00005 | 7 | | < 0.0001 | 18 |
| M52-3 | 5/1/1997 | | | | | | | | | 401 | 1.36 | 1.22 | | ND | | | | | | | 8 | | ND | 42 |
| M52-3 | 5/8/1998 | | | | | | | | | 451 | | 2.64 | | ND | | | | | | | 21 | | | |
| M52-3 | 5/12/1999 | | | | | | | | | 567 | ND | 1.08 | | ND | | | | | | | 7 | | ND | 43 |
| M52-3 | 5/24/2000 | | | | | | | | | | ND | | | | | | | | | | | | ND | 44 |
| M52-3 | 5/25/2000 | | | | | | | | | 756 | | 1 | | ND | | | | | | | 22 | | | |
| M52-3 | 5/16/2001 | | | | | | | | | 646 | ND | 0.07 | | ND | | | | | | | 10 | | ND | 65 |
| M52-3 | 6/17/2002 | ND | ND | ND | ND | | | | | 610 | | 2.23 | | ND | | | | | | | 16 | | | |
| M52-3 | 5/28/2003 | | | | | | | | | 566 | < 0.01 | 1.82 | | < 0.0005 | | | | | | | 13 | | < 0.001 | 47 |

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo(b,k)fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M52-3 | 5/5/2004 | | | | | | | | | 671 | 0.01 | 1.37 | | < 0.0013 | | | | | | | 10 | | < 0.001 | 42 |
| M52-3 | 5/3/2005 | | | | | | | | | 642 | 0.01 | 1.34 | | < 0.0013 | | | | | | | 16 | | < 0.0001 | 40 |
| M52-3 | 5/31/2006 | | | | < 0.0004 | | | | | | 0.02 | 1.98 | | < 0.0005 | | | | | | | | 0.55 | < 0.0001 | 43 |
| M52-3 | 4/19/2007 | | | | | | | | | 710 | 0.03 | 1.42 | | < 0.0005 | | | | | | | 1 | | < 0.0001 | 40 |
| M52-3 | 4/29/2008 | | | | | | | | | 657 | < 0.02 | 1.36 | | 0.0089 | | | | | | | < 2 | | < 0.0001 | 58 |
| M5-3 | 6/18/1991 | | | | | | | | | 499 | | 0.96 | | | | | | | | | 12 | 1.25 | ND | 31 |
| M5-3 | 7/1/1991 | ND | ND | ND | ND | | | | | | | | | 0.003 | | | | | | | | | | |
| M5-3 | 7/24/1992 | | | | | | | | | 414 | | 1.41 | | | | | | | | | 7 | | | |
| M5-3 | 8/24/1992 | | | | | | | | | | ND | | | | | | | | | | | 1.14 | ND | 36 |
| M5-3 | 5/13/1993 | | | | | | | | | 457 | ND | 1.18 | | | | | | | | | 7 | 0.86 | ND | 34 |
| M5-3 | 7/6/1994 | | | | | | | | | 470 | ND | 1.2 | | | | | | | | | 5 | 0.89 | ND | 24.8 |
| M5-3 | 4/20/1995 | | | | | | | | | 442 | ND | 1.3 | | | | | | | | | 17 | | ND | 34 |
| M5-3 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M5-3 | 4/1/1996 | | | | | | | | | 432 | ND | 1.45 | | 0.0008 | | | | | | | 8 | | ND | 35 |
| M5-3 | 4/1/1997 | | | | | | | | | | ND | | | | | | | | | | | | ND | 27 |
| M5-3 | 5/1/1997 | | | | | | | | | 441 | | 1.31 | | 0.0021 | | | | | | | 11 | | | |
| M5-3 | 5/8/1998 | | | | | | | | | 450 | ND | 1.52 | | 0.0029 | | | | | | | 13 | | ND | 32 |
| M5-3 | 5/12/1999 | | | | | | | | | 421 | ND | 1.71 | | 0.0006 | | | | | | | 7 | | ND | 35 |
| M5-3 | 5/30/2000 | | | | | | | | | 454 | 0.09 | 1.2 | | 0.0016 | | | | | | | 10 | | ND | 32 |
| M5-3 | 5/15/2001 | | | | | | | | | 437 | ND | 1.39 | | ND | | | | | | | 15 | | ND | 31 |
| M5-3 | 6/18/2002 | | | | | | | | | 431 | ND | 1.53 | | ND | | | | | | | 10 | | ND | 31 |
| M5-3 | 5/27/2003 | | | | | | | | | 432 | < 0.01 | 1.48 | | 0.0011 | | | | | | | 18 | | < 0.0001 | 34 |
| M5-3 | 5/5/2004 | | | | | | | | | 449 | < 0.01 | 1.2 | | < 0.0013 | | | | | | | 5 | | < 0.0001 | 30 |
| M5-3 | 5/3/2005 | | | | | | | | | 455 | 0.01 | 1.14 | | < 0.0013 | | | | | | | 13 | | < 0.0001 | 37 |
| M5-3 | 6/6/2006 | | | | < 0.0004 | | | | | 424 | 0.01 | 1.1 | | < 0.0005 | | | | | | | 11 | 0.97 | < 0.0001 | 36 |
| M5-3 | 4/19/2007 | | | | | | | | | 441 | 0.04 | 1.15 | | 0.0007 | | | | | | | 14 | | < 0.0001 | 32 |
| M5-3 | 4/29/2008 | | | | | | | | | 451 | < 0.02 | 1.27 | | 0.0005 | | | | | | | 12 | | < 0.0001 | 35 |
| M53-1 | 6/22/1998 | | | | | | | | | 338 | 0.35 | 0.8 | | ND | | | | | | | ND | | ND | 288 |
| M53-1 | 5/29/2000 | | | | | | | | | 326 | ND | 0.66 | | ND | | | | | | | ND | | ND | 304 |
| M53-1 | 6/19/2002 | | | | | | | | | 247 | ND | 3.63 | | 0.0077 | | | | | | | 2 | | 0.005 | 1960 |
| M53-1 | 5/29/2003 | | | | | | | | | 192 | < 0.01 | 6.19 | | 0.0057 | | | | | | | < 1 | | 0.005 | 2890 |
| M53-1 | 5/5/2004 | | | | | | | | | 361 | 0.02 | 0.9 | | < 0.0013 | | | | | | | < 1 | | < 0.001 | 325 |
| M53-1 | 5/5/2005 | | | | | | | | | 518 | < 0.1 | 2.88 | | 0.0013 | | | | | | | 7 | | < 0.001 | 1250 |
| M53-1 | 6/2/2006 | | | | < 0.0004 | | | | | 583 | 0.05 | 1.26 | | < 0.0005 | | | | | | | 3 | 0.49 | < 0.0001 | 298 |
| M53-2 | 6/22/1998 | | | | | | | | | 336 | ND | 0.13 | | ND | | | | | | | 1 | | ND | 128 |
| M53-2 | 11/30/1999 | | | | | | | | | 464 | ND | 0.33 | | ND | | | | | | | ND | | ND | 188 |
| M53-2 | 5/29/2000 | | | | | | | | | 342 | ND | 0.3 | | ND | | | | | | | ND | | ND | 65 |
| M53-2 | 6/19/2002 | | | | | | | | | 560 | ND | 0.12 | | ND | | | | | | | 3 | | ND | 196 |
| M53-2 | 5/29/2003 | | | | | | | | | 571 | 0.02 | 0.07 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 220 |
| M53-2 | 5/5/2004 | | | | | | | | | 495 | < 0.01 | 0.12 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 167 |
| M53-2 | 5/5/2005 | | | | | | | | | 503 | 0.01 | 0.17 | | < 0.0013 | | | | | | | 5 | | < 0.0001 | 155 |
| M53-2 | 6/2/2006 | | | | < 0.0004 | | | | | 505 | 0.09 | 0.15 | | < 0.0005 | | | | | | | 2 | 0.15 | < 0.0001 | 161 |
| M53-2 | 4/18/2007 | | | | | | | | | 507 | 0.01 | 0.26 | | < 0.0005 | | | | | | | 2 | | < 0.0001 | 158 |
| M53-2 | 4/28/2008 | | | | | | | | | 424 | < 0.02 | 0.34 | | < 0.0001 | | | | | | | < 2 | | < 0.0001 | 130 |
| M53-3 | 6/22/1998 | | | | | | | | | 448 | 0.06 | 0.43 | | ND | | | | | | | 5 | | ND | 56 |
| M53-3 | 11/30/1999 | | | | | | | | | 488 | ND | 0.93 | | ND | | | | | | | 7 | | ND | 54 |
| M53-3 | 5/29/2000 | | | | | | | | | 483 | ND | 0.92 | | ND | | | | | | | 1 | | ND | 49 |
| M53-3 | 11/22/2000 | ND | ND | ND | ND | | | ND | ND | 459 | ND | 1.15 | ND | ND | ND | ND | ND | | ND | | 3 | | ND | 54 |
| M53-3 | 6/19/2002 | | | | | | | | | 405 | ND | 1.07 | | ND | | | | | | | 8 | | ND | 72 |
| M53-3 | 5/29/2003 | | | | | | | | | 395 | < 0.01 | 0.79 | | < 0.0005 | | | | | | | 4 | | < 0.001 | 68 |
| M53-3 | 5/5/2004 | | | | | | | | | 415 | < 0.01 | 0.7 | | < 0.0013 | | | | | | | 4 | | < 0.0001 | 58 |
| M53-3 | 5/5/2005 | | | | | | | | | 416 | 0.02 | 0.97 | | < 0.0013 | | | | | | | 4 | | < 0.0001 | 39 |
| M53-3 | 6/2/2006 | | | | < 0.0004 | | | | | 426 | 0.07 | 0.89 | | < 0.0005 | | | | | | | 2 | 0.91 | < 0.0001 | 51 |
| M53-3 | 4/18/2007 | | | | | | | | | 383 | 0.01 | 0.75 | | < 0.0005 | | | | | | | 2 | | < 0.0001 | 54 |
| M53-3 | 4/28/2008 | | | | | | | | | 376 | < 0.02 | 0.89 | | < 0.0001 | | | | | | | < 2 | | < 0.0001 | 56 |
| M53-4 | 6/22/1998 | | | | | | | | | 307 | 0.06 | 0.04 | | ND | | | | | | | 2 | | ND | 150 |
| M53-4 | 11/30/1999 | | | | | | | | | 218 | 0.04 | ND | | ND | | | | | | | 2 | | ND | 154 |
| M53-4 | 5/29/2000 | | | | | | | | | 247 | ND | 0.13 | | ND | | | | | | | ND | | ND | 154 |
| M53-4 | 6/19/2002 | | | | | | | | | 274 | ND | 0.05 | | ND | | | | | | | ND | | ND | 195 |
| M53-4 | 5/29/2003 | | | | | | | | | 302 | < 0.01 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 211 |
| M53-4 | 10/24/2003 | | | | < 0.0024 | | | | | | | | | | | | | | | | | | | |
| M53-4 | 5/5/2004 | | | | < 0.0024 | | | | | 325 | 0.04 | 0.02 | | < 0.0013 | | | | | | | < 1 | 0.02 | < 0.0001 | 175 |
| M53-4 | 5/5/2005 | | | | < 0.0024 | | | | | 358 | 0.01 | < 0.02 | | < 0.0013 | | | | | | | < 1 | 0.03 | < 0.0001 | 166 |
| M53-4 | 6/2/2006 | | | | < 0.0004 | | | | | 366 | 0.09 | < 0.02 | | < 0.0005 | | | | | | | < 1 | 0.03 | < 0.0001 | 186 |
| M53-4 | 4/18/2007 | | | | | | | | | 328 | < 0.01 | < 0.02 | | < 0.0005 | | | | | | | 2 | | < 0.0001 | 132 |
| M53-4 | 4/28/2008 | | | | < 0.0002 | | | | | 256 | < 0.02 | < 0.15 | | < 0.0001 | | | | | | | < 2 | < 0.01 | < 0.0001 | 140 |
| M58-1 | 6/24/1998 | | | | | | | | | 189 | ND | 2 | | ND | | | | | | | ND | | ND | 626 |
| M58-1 | 5/26/2000 | | | | | | | | | | 0.04 | | | | | | | | | | | | ND | 778 |
| M58-1 | 5/29/2000 | | | | | | | | | 244 | | 4.1 | | | | | | | | | ND | | | |
| M58-1 | 5/30/2000 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M58-1 | 6/18/2002 | | | | | | | | | 314 | ND | 3 | | ND | | | | | | | ND | | ND | 946 |
| M58-1 | 5/27/2003 | | | | | | | | | 312 | < 0.01 | 1.9 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 854 |
| M58-1 | 5/5/2004 | | | | | | | | | 317 | 0.01 | 1.8 | | < 0.0013 | | | | | | | < 1 | | < 0.001 | 659 |
| M58-1 | 5/3/2005 | | | | | | | | | 328 | 0.01 | 1.12 | | < 0.0013 | | | | | | | < 1 | | < 0.001 | 527 |
| M58-1 | 6/2/2006 | | | | < 0.0004 | | | | | 320 | < 0.1 | 1.95 | | 0.0009 | | | | | | | 1 | 1 | < 0.001 | 689 |
| M58-2 | 6/24/1998 | | | | | | | | | 231 | ND | 0.11 | | ND | | | | | | | ND | | ND | 98 |
| M58-2 | 12/2/1999 | | | | | | | | | 405 | 0.09 | 0.75 | | ND | | | | | | | 3 | | ND | 84 |

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo (b,k) fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M58-2 | 5/29/2000 | | | | | | | | | 413 | ND | 0.82 | | ND | | | | | | | 2 | | ND | 93 |
| M58-2 | 11/22/2000 | ND | ND | ND | ND | | | ND | ND | 431 | ND | 0.78 | ND | ND | ND | ND | ND | | ND | | 1 | | ND | 133 |
| M58-2 | 6/18/2002 | | | | | | | | | 442 | ND | 0.9 | | ND | | | | | | | 2 | | ND | 110 |
| M58-2 | 5/27/2003 | | | | | | | | | 423 | < 0.01 | 0.82 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 101 |
| M58-2 | 5/5/2004 | | | | | | | | | 400 | 0.04 | 0.91 | | < 0.0013 | | | | | | | 3 | | < 0.001 | 80 |
| M58-2 | 5/3/2005 | | | | | | | | | 428 | 0.01 | 1.04 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 107 |
| M58-2 | 6/2/2006 | | | | < 0.0004 | | | | | 482 | 0.02 | 0.53 | | < 0.0005 | | | | | | | 6 | 0.71 | < 0.0001 | 133 |
| M58-2 | 4/19/2007 | | | | | | | | | 501 | 0.02 | 0.28 | | < 0.0005 | | | | | | | < 1 | | < 0.0001 | 125 |
| M58-2 | 4/29/2008 | | | | | | | | | 511 | < 0.02 | 0.33 | | < 0.0001 | | | | | | | < 2 | | < 0.0001 | 100 |
| M58-3 | 6/24/1998 | | | | | | | | | 255 | 0.1 | ND | | ND | | | | | | | ND | | ND | 87 |
| M58-3 | 12/3/1999 | | | | | | | | | 282 | ND | ND | | ND | | | | | | | ND | | ND | 92 |
| M58-3 | 5/29/2000 | | | | | | | | | 303 | ND | 0.15 | | ND | | | | | | | ND | | ND | 70 |
| M58-3 | 5/16/2001 | | | | | | | | | 305 | ND | 0.02 | | ND | | | | | | | ND | | ND | 79 |
| M58-3 | 6/18/2002 | | | | | | | | | 298 | ND | ND | | ND | | | | | | | ND | | ND | 86 |
| M58-3 | 5/27/2003 | | | | | | | | | 298 | < 0.01 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 87 |
| M58-3 | 5/5/2004 | | | | | | | | | 325 | < 0.01 | 0.07 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 103 |
| M58-3 | 5/3/2005 | | | | | | | | | 314 | 0.01 | 0.06 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 94 |
| M58-3 | 6/2/2006 | | | | < 0.0004 | | | | | 315 | 0.02 | < 0.02 | | < 0.0005 | | | | | | | 1 | 0.02 | < 0.0001 | 93 |
| M58-3 | 4/19/2007 | | | | | | | | | 306 | 0.02 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.0001 | 93 |
| M58-3 | 4/29/2008 | | | | | | | | | 306 | < 0.02 | < 0.15 | | < 0.0001 | | | | | | | < 2 | | < 0.0001 | 94 |
| M58-4 | 6/24/1998 | | | | | | | | | 238 | | 0.17 | | ND | | | | | | | ND | | | |
| M58-4 | 7/1/1998 | | | | | | | | | | ND | | | | | | | | | | | | ND | 102 |
| M58-4 | 12/3/1999 | | | | | | | | | 298 | ND | ND | | ND | | | | | | | ND | | ND | 97 |
| M58-4 | 5/29/2000 | | | | | | | | | 310 | 0.04 | 0.07 | | ND | | | | | | | ND | | ND | 80 |
| M58-4 | 6/18/2002 | | | | | | | | | 301 | ND | ND | | ND | | | | | | | ND | | ND | 92 |
| M58-4 | 5/27/2003 | | | | | | | | | 293 | < 0.01 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 81 |
| M58-4 | 10/24/2003 | | | | < 0.0024 | | | | | | | | | | | | | | | | | | | |
| M58-4 | 5/5/2004 | | | | < 0.0024 | | | | | 285 | 0.01 | < 0.02 | | < 0.0013 | | | | | | | < 1 | < 0.01 | < 0.0001 | 90 |
| M58-4 | 5/3/2005 | | | | | | | | | 313 | 0.03 | < 0.02 | | < 0.0013 | | | | | | | < 1 | 0.05 | | 116 |
| M6-1 | 6/25/1991 | | | | | | | | | 2253 | | 3.14 | | | | | | | | | 14 | | | |
| M6-1 | 7/1/1991 | ND | ND | ND | ND | | | | | | | | | 0.069 | | | | | | | | | | |
| M6-1 | 10/25/1991 | | | | | | | | | | | | | | | | | | | | | 0.25 | ND | 248 |
| M6-1 | 7/24/1992 | | | | | | | | | | | | | | | | | | | | | | | |
| M6-1 | 7/29/1992 | | | | | | | | | 720 | | 7.14 | | | | | | | | | | | | 218 |
| M6-1 | 5/1/1993 | ND | ND | ND | ND | | | | | | | | | 0.02 | | | | | | | | | | |
| M6-1 | 5/17/1993 | | | | | | | | | 680 | 3.61 | 25.8 | | | | | | | | | | 0.03 | ND | 199 |
| M6-1 | 4/20/1995 | | | | | | | | | 76 | ND | 9.5 | | | | | | | | | 117 | | ND | 654 |
| M6-1 | 4/21/1995 | | | | | | | | | | | | | 0.0042 | | | | | | | | | | |
| M6-1 | 4/1/1996 | | | | | | | | | 127 | ND | 9.87 | | 0.011 | | | | | | | 95 | | ND | 1220 |
| M6-1 | 4/1/1997 | | | | | | | | | | ND | | | | | | | | | | | | ND | 760 |
| M6-1 | 5/1/1997 | | | | | | | | | 56 | | 7.62 | | ND | | | | | | | 17 | | | |
| M6-1 | 5/8/1998 | | | | | | | | | 592 | ND | 8.14 | | ND | | | | | | | 8 | | ND | 819 |
| M6-1 | 5/12/1999 | | | | | | | | | 85 | ND | 9.4 | | ND | | | | | | | 16 | | ND | 832 |
| M6-1 | 5/30/2000 | | | | | | | | | 418 | ND | 7.8 | | ND | | | | | | | 7 | | ND | 625 |
| M6-1 | 6/18/2002 | | | | | | | | | 143 | ND | 9 | | ND | | | | | | | 2 | | ND | 720 |
| M6-1 | 5/28/2003 | | | | | | | | | 170 | < 0.01 | 15.1 | | < 0.0005 | | | | | | | 7 | | < 0.001 | 799 |
| M6-1 | 5/6/2004 | | | | | | | | | 172 | < 0.1 | 11.7 | | < 0.0013 | | | | | | | 1 | | < 0.001 | 930 |
| M6-1 | 5/4/2005 | | | | | | | | | 177 | < 0.1 | 11.9 | | 0.0675 | | | | | | | < 1 | | < 0.001 | 914 |
| M6-1 | 6/2/2006 | | | | < 0.0004 | | | | | 213 | 0.2 | 12.1 | | < 0.0005 | | | | | | | 2 | 1.1 | < 0.001 | 1040 |
| M6-1 | 4/20/2007 | | | | | | | | | 204 | < 1 | 13.2 | | < 0.0005 | | | | | | | 8 | | < 0.01 | 1200 |
| M6-1 | 5/1/2008 | | | | | | | | | 214 | < 0.8 | 16.1 | | 0.045 | | | | | | | < 2 | | < 0.005 | 1600 |
| M6-2 | 6/25/1991 | | | | | | | | | 1824 | | 2.4 | | | | | | | | | ND | | | |
| M6-2 | 7/1/1991 | ND | ND | ND | ND | | | | | | | | | 0.27 | | | | | | | | | | |
| M6-2 | 10/25/1991 | | | | | | | | | | | | | | | | | | | | | 0.7 | ND | 289 |
| M6-2 | 7/24/1992 | | | | | | | | | 1380 | | 11.82 | | | | | | | | | | | | |
| M6-2 | 5/17/1993 | | | | | | | | | | | | | | | | | | | | | | | |
| M6-2 | 7/1/1994 | ND | ND | ND | ND | | | | | | | | | 0.077 | | | | | | | | | | |
| M6-2 | 7/6/1994 | | | | | | | | | 1700 | 0.72 | 15 | | | | | | | | | 59 | ND | ND | 105 |
| M6-2 | 4/20/1995 | | | | | | | | | 1155 | 0.34 | 15.6 | | | | | | | | | 34 | | ND | 263 |
| M6-2 | 4/21/1995 | ND | ND | ND | ND | | | | | | | | | 0.113 | | | | | | | | | | |
| M6-2 | 4/1/1996 | ND | ND | ND | ND | | | | | 295 | 0.55 | 15.5 | | 0.454 | | | | | | | 56 | | ND | 433 |
| M6-2 | 4/1/1997 | | | | | | | | | | 0.04 | | | | | | | | | | | | ND | 576 |
| M6-2 | 5/1/1997 | ND | ND | ND | ND | | | | | 1745 | | 9.57 | | 0.212 | | | | | | | 36 | | | |
| M6-2 | 5/8/1998 | ND | ND | ND | ND | | | | | 2370 | ND | 1.38 | | 0.23 | | | | | | | 1 | | ND | 695 |
| M6-2 | 5/12/1999 | ND | ND | ND | ND | | | | | 2070 | ND | 1.52 | | 0.0806 | | | | | | | ND | | ND | 709 |
| M6-2 | 5/30/2000 | | | | | | | | | 58 | ND | 14.5 | | 0.352 | | | | | | | 27 | | ND | 1170 |
| M6-2 | 6/18/2002 | ND | ND | ND | ND | | | | | 43 | ND | 14 | | 0.422 | | | | | | | 2 | | ND | 2000 |
| M6-2 | 5/28/2003 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | | | | | 68 | < 0.01 | 17.9 | | 0.311 | | | | | | | < 1 | | < 0.001 | 1660 |
| M6-2 | 5/6/2004 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | | | 58 | < 0.1 | 16.1 | | 0.308 | | | | | | | < 1 | | < 0.001 | 2380 |
| M6-2 | 5/4/2005 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | | | 50 | < 0.1 | 15.8 | | 0.206 | | | | | | | < 1 | | < 0.001 | 2150 |
| M6-2 | 6/6/2006 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | | | | | 55 | 0.3 | 16.1 | | 0.204 | | | | | | | 2 | 1.4 | < 0.001 | 2680 |
| M6-2 | 4/20/2007 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | | | | | 42 | < 1 | 17.7 | | 0.5 | | | | | | | 2 | | < 0.01 | 2650 |
| M6-2 | 5/1/2008 | < 0.005 | < 0.005 | < 0.005 | < 0.01 | | | | | 50 | < 0.8 | 20.7 | | 0.44 | | | | | | | < 2 | | < 0.005 | 2300 |
| M6-3 | 6/25/1991 | | | | | | | | | 8300 | | 2.82 | | | | | | | | | 22 | | | |
| M6-3 | 7/1/1991 | ND | ND | ND | ND | | | | | | | | | 0.044 | | | | | | | | | | |
| M6-3 | 10/25/1991 | | | | | | | | | | | | | | | | | | | | | 0.3 | ND | 295 |
| M6-3 | 7/1/1992 | ND | ND | ND | ND | | | | | | | | | 0.015 | | | | | | | | | | |

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo(b,k)fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M6-3 | 7/24/1992 | | | | | | | | | 4960 | | 18.93 | | | | | | | | | ND | | | |
| M6-3 | 8/24/1992 | | | | | | | | | | ND | | | | | | | | | | | 0.06 | ND | 290 |
| M6-3 | 5/13/1993 | | | | | | | | | 4500 | ND | 21.3 | | | | | | | | | ND | ND | ND | 610 |
| M6-3 | 7/1/1994 | ND | ND | ND | ND | | | | | | | | | 0.00323 | | | | | | | | | | |
| M6-3 | 7/6/1994 | | | | | | | | | | | | | | | | | | | | | | | |
| M6-3 | 4/20/1995 | | | | | | | | | 3685 | 0.06 | 10.9 | | | | | | | | | ND | | ND | 437 |
| M6-3 | 4/21/1995 | | | | | | | | | | | | | 0.0048 | | | | | | | | | | |
| M6-3 | 4/1/1996 | | | | | | | | | 3245 | 0.22 | 18.7 | | 0.0071 | | | | | | | ND | | ND | 590 |
| M6-3 | 4/1/1997 | | | | | | | | | | 0.24 | | | | | | | | | | | | ND | 507 |
| M6-3 | 5/1/1997 | | | | | | | | | 3170 | | 4.35 | | 0.0056 | | | | | | | 1 | | | |
| M6-3 | 5/8/1998 | | | | | | | | | 2880 | 0.14 | 10.2 | | 0.0047 | | | | | | | ND | | ND | 563 |
| M6-3 | 5/12/1999 | | | | | | | | | 2670 | ND | 9.67 | | 0.0029 | | | | | | | ND | | ND | 629 |
| M6-3 | 12/2/1999 | | | | | | | | | 2590 | 0.1 | 10.8 | | 0.0035 | | | | | | | ND | | ND | 591 |
| M6-3 | 5/30/2000 | ND | ND | ND | ND | | | | | ND | 0.05 | 6 | | ND | | | | | | | ND | | ND | 643 |
| M6-3 | 5/15/2001 | | | | | | | | | 2250 | 0.09 | 4.95 | | 0.0024 | | | | | | | ND | | ND | 683 |
| M6-3 | 6/18/2002 | | | | | | | | | 3030 | 0.06 | 6 | | 0.0036 | | | | | | | ND | | ND | 958 |
| M6-3 | 5/28/2003 | | | | | | | | | 2220 | 0.06 | 7.63 | | 0.0028 | | | | | | | < 1 | | < 0.001 | 591 |
| M6-3 | 5/6/2004 | | | | | | | | | 2340 | < 0.1 | 6.26 | | 0.0031 | | | | | | | < 1 | | < 0.001 | 665 |
| M6-3 | 5/4/2005 | | | | | | | | | 2220 | 0.03 | 5.73 | | 0.0027 | | | | | | | < 1 | | < 0.0001 | 636 |
| M6-3 | 6/6/2006 | | | | < 0.0004 | | | | | 2520 | 0.3 | 8.46 | | 0.0024 | | | | | | | < 1 | 0.1 | < 0.001 | 819 |
| M6-3 | 4/20/2007 | | | | | | | | | 2420 | < 0.1 | 8 | | 0.0037 | | | | | | | < 1 | | < 0.001 | 825 |
| M6-3 | 1/5/2008 | | | | | | | | | 2000 | 0.05 | 9.35 | | 0.0018 | | | | | | | 13 | | < 0.0001 | 830 |
| M9-1 | 6/24/1991 | | | | | | | | | 326 | | 0.8 | | | | | | | | | 14 | 0.09 | ND | 152 |
| M9-1 | 7/1/1991 | ND | 0.002 | ND | ND | | | | | | | | | 0.002 | | | | | | | | | | |
| M9-1 | 7/1/1992 | ND | 0.0039 | ND | ND | | | | | | | | | 0.049 | | | | | | | | | | |
| M9-1 | 7/27/1992 | | | | | | | | | 510 | ND | 2.07 | | | | | | | | | ND | 0.2 | ND | 22 |
| M9-1 | 5/1/1993 | ND | ND | ND | ND | | | | | | | | | 0.11 | | | | | | | | | | |
| M9-1 | 5/13/1993 | | | | | | | | | 633 | | 5.01 | | | | | | | | | 3 | | | |
| M9-1 | 5/17/1993 | | | | | | | | | | 0.71 | | | | | | | | | | | 0.23 | ND | 44 |
| M9-1 | 7/1/1994 | ND | ND | ND | ND | | | | | | | | | 0.172 | | | | | | | | | | |
| M9-1 | 7/6/1994 | | | | | | | | | 68 | ND | | | | | | | | | | ND | 0.09 | ND | 347 |
| M9-1 | 4/1/1997 | | | | | | | | | | | | | | | | | | | | | | | 79 |
| M9-1 | 5/8/1998 | | ND | ND | ND | | | | | 296 | 0.08 | 18.6 | | 0.54 | | | | | | | 11 | | ND | 2820 |
| M9-1 | 2/12/1999 | | | | | | | | | | | 27.3 | | | | | | | | | | | | |
| M9-1 | 5/11/1999 | ND | ND | ND | ND | | | | | 74 | ND | 25.8 | | 0.1 | | | | | | | 68 | | ND | 1700 |
| M9-2 | 6/17/1991 | | | | | | | | | 318 | | 0.8 | | | | | | | | | 17 | 0.06 | ND | 115 |
| M9-2 | 7/1/1991 | ND | 0.002 | ND | 0.002 | | | | | | | | | ND | | | | | | | | | | |
| M9-2 | 7/27/1992 | | | | | | | | | 270 | ND | 0.1 | | | | | | | | | 8 | 0.1 | ND | 100 |
| M9-2 | 5/13/1993 | | | | | | | | | 229 | | 0.1 | | | | | | | | | ND | | | |
| M9-2 | 5/17/1993 | | | | | | | | | | ND | | | | | | | | | | | 0.02 | ND | 57 |
| M9-2 | 7/1/1994 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M9-2 | 7/6/1994 | | | | | | | | | 350 | ND | | | | | | | | | | ND | ND | ND | 106 |
| M9-2 | 4/20/1995 | | | | | | | | | 342 | ND | 0.13 | | | | | | | | | ND | | ND | 125 |
| M9-2 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M9-2 | 4/1/1996 | | | | | | | | | 333 | ND | 0.15 | | ND | | | | | | | ND | | ND | 128 |
| M9-2 | 4/1/1997 | | | | | | | | | | 0.06 | | | | | | | | | | | | ND | 109 |
| M9-2 | 5/1/1997 | | | | | | | | | 312 | | 0.73 | | ND | | | | | | | 6 | | | |
| M9-2 | 5/8/1998 | | | | | | | | | 323 | ND | 0.17 | | ND | | | | | | | ND | | ND | 135 |
| M9-2 | 5/11/1999 | | | | | | | | | 503 | ND | 6.11 | | ND | | | | | | | 77 | | ND | 198 |
| M9-2 | 5/25/2000 | ND | ND | ND | ND | | | | | 339 | | 1.95 | | ND | | | | | | | 1 | | | |
| M9-2 | 5/26/2000 | | | | | | | | | | ND | | | | | | | | | | | | ND | 158 |
| M9-2 | 5/14/2001 | | | | | | | | | 186 | ND | 0.78 | | ND | | | | | | | 4 | | ND | 39 |
| M9-2 | 6/18/2002 | | | | | | | | | 240 | ND | 0.86 | | ND | | | | | | | 3 | | ND | 37 |
| M9-2 | 5/29/2003 | | | | | | | | | 254 | < 0.01 | 1.35 | | < 0.0005 | | | | | | | 4 | | < 0.001 | 37 |
| M9-2 | 5/4/2004 | | | | | | | | | 262 | 0.03 | 1.18 | | < 0.0013 | | | | | | | 7 | | < 0.001 | 40 |
| M9-2 | 5/5/2005 | | | | | | | | | 257 | 0.02 | 0.63 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 34 |
| M9-2 | 5/31/2006 | | | | < 0.0004 | | | | | 237 | 0.05 | 0.89 | | < 0.0005 | | | | | | | 3 | 0.42 | < 0.0001 | 35 |
| M9-2 | 4/20/2007 | | | | | | | | | 308 | 0.02 | 1.27 | | < 0.0005 | | | | | | | 1 | | < 0.0001 | 52 |
| M9-2 | 4/29/2008 | | | | | | | | | 265 | < 0.02 | 1.21 | | 0.0005 | | | | | | | 4 | | < 0.0001 | 49 |
| M9-3 | 6/17/1991 | | | | | | | | | 30 | | 0.68 | | | | | | | | | 7 | 0.45 | ND | 53 |
| M9-3 | 7/1/1991 | ND | ND | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| M9-3 | 7/27/1992 | | | | | | | | | 200 | ND | 1.26 | | | | | | | | | ND | 0.43 | ND | 70 |
| M9-3 | 5/13/1993 | | | | | | | | | 234 | | 0.75 | | | | | | | | | ND | | | |
| M9-3 | 5/17/1993 | | | | | | | | | | ND | | | | | | | | | | | 0.36 | ND | 41 |
| M9-3 | 7/6/1994 | | | | | | | | | 180 | ND | | | | | | | | | | | 0.23 | ND | 22.8 |
| M9-3 | 4/20/1995 | | | | | | | | | 198 | ND | 1.1 | | | | | | | | | 2 | | ND | 13 |
| M9-3 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| M9-3 | 4/1/1996 | | | | | | | | | 186 | 0.12 | 0.94 | | ND | | | | | | | 6 | | ND | 20 |
| M9-3 | 4/1/1997 | | | | | | | | | | ND | | | | | | | | | | | | ND | 25 |
| M9-3 | 5/1/1997 | | | | | | | | | 194 | | 0.95 | | ND | | | | | | | 9 | | | |
| M9-3 | 5/8/1998 | | | | | | | | | 167 | ND | 1.3 | | ND | | | | | | | 2 | | ND | 27 |
| M9-3 | 2/12/1999 | ND | ND | ND | ND | | | | | 217 | ND | 1.3 | | ND | | | | | | | | | ND | 31 |
| M9-3 | 5/11/1999 | | | | | | | | | 184 | ND | 1.94 | | 0.0006 | | | | | | | 6 | | ND | 24 |
| M9-3 | 5/26/2000 | | | | | | | | | 254 | ND | 9 | | ND | | | | | | | 2 | | ND | 36 |
| M9-3 | 5/14/2001 | | | | | | | ND | ND | 526 | ND | 2.49 | ND | ND | ND | ND | ND | | ND | | 1 | | ND | 194 |
| M9-3 | 6/18/2002 | | | | | | | | | 593 | ND | | | ND | | | | | | | 3 | | ND | 175 |
| M9-3 | 5/29/2003 | | | | | | | | | 689 | 0.01 | 2.17 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 290 |

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo(b,k)fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M9-3 | 5/4/2004 | | | | | | | | | 652 | < 0.01 | 0.33 | | < 0.0013 | | | | | | | 5 | | < 0.001 | 225 |
| M9-3 | 5/5/2005 | | | | | | | | | 654 | 0.03 | 1.8 | | 0.0023 | | | | | | | 5 | | < 0.0001 | 200 |
| M9-3 | 5/31/2006 | | | | < 0.0004 | | | | | 656 | < 0.01 | 1.1 | | < 0.0005 | | | | | | | 3 | 0.25 | < 0.0001 | 201 |
| M9-3 | 4/20/2007 | | | | | | | | | 608 | 0.02 | 1.16 | | 0.0016 | | | | | | | 1 | | < 0.0001 | 184 |
| M9-3 | 4/29/2008 | | | | | | | | | 588 | < 0.02 | 1 | | 0.0003 | | | | | | | < 2 | | < 0.0001 | 170 |
| M9R-1 | 12/20/1999 | | | | | | | | | 179 | 0.09 | 8.75 | | ND | | | | | | | 4 | | ND | 1810 |
| M9R-1 | 5/25/2000 | ND | 0.0042 | ND | ND | | | | | 162 | | 5.8 | | ND | | | | | | | 18 | | | |
| M9R-1 | 5/26/2000 | | | | | | | | | | ND | | | | | | | | | | | | ND | 3130 |
| M9R-1 | 5/14/2001 | ND | ND | ND | ND | | | | | 162 | ND | 9.21 | | ND | | | | | | | 12 | | ND | 1885 |
| M9R-1 | 6/19/2002 | ND | ND | ND | ND | | | | | 102 | 0.01 | 9 | | 0.133 | | | | | | | 9 | | ND | 2530 |
| M9R-1 | 5/29/2003 | < 0.004 | < 0.004 | < 0.005 | < 0.004 | | | | | 114 | 0.02 | 12.2 | | 0.073 | | | | | | | 8 | | < 0.001 | 2640 |
| M9R-1 | 5/4/2004 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | | | 155 | 0.03 | 0.72 | | 0.0515 | | | | | | | 11 | | < 0.001 | 1970 |
| M9R-1 | 5/3/2005 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | | | 191 | 0.02 | 11.1 | | < 0.0013 | | | | | | | 10 | | < 0.001 | 1780 |
| M9R-1 | 6/2/2006 | < 0.0004 | 0.0013 | < 0.0005 | < 0.0004 | | | | | 185 | 0.2 | 12 | | < 0.0005 | | | | | | | 7 | 2.7 | < 0.001 | 2440 |
| M9R-1 | 4/20/2007 | < 0.0004 | 0.0012 | < 0.0005 | < 0.0004 | | | | | 214 | < 1 | 14.6 | | 0.056 | | | | | | | 5 | | < 0.01 | 2700 |
| M9R-1 | 4/29/2008 | < 0.003 | < 0.003 | < 0.003 | < 0.005 | | | | | 187 | < 2 | 18.6 | | 0.28 | | | | | | | < 2 | | < 0.01 | 3300 |
| OW1 | 7/6/1994 | | | | | | | | | 350 | ND | 5.3 | | | | | | | | | 15 | 0.93 | ND | 36.7 |
| OW1 | 11/25/1994 | | | | | | | | | 450 | ND | 1.2 | | ND | | | | | | | 5.3 | | ND | 47.5 |
| OW1 | 4/20/1995 | | | | | | | | | 447 | ND | 1.48 | | | | | | | | | 11 | | ND | 48 |
| OW1 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| OW1 | 11/2/1995 | | | | | | | | | 430 | | 9.94 | | | | | | | | | 18 | | | |
| OW1 | 11/3/1995 | | | | | | | | | | ND | | | ND | | | | | | | | | ND | 35 |
| OW1 | 4/1/1996 | | | | | | | | | 468 | ND | 2.81 | | ND | | | | | | | 16 | | ND | 48 |
| OW1 | 11/1/1996 | | | | | | | | | 454 | 0.12 | 1.62 | | ND | | | | | | | 32 | | ND | 46 |
| OW1 | 5/1/1997 | | | | | | | | | 417 | ND | 1.49 | | ND | | | | | | | 23 | | ND | 46 |
| OW1 | 11/1/1997 | | | | | | | | | | | | | ND | | | | | | | | | | |
| OW1 | 5/8/1998 | | | | | | | | | 412 | ND | 2.34 | | ND | | | | | | | 5 | | ND | 44 |
| OW1 | 11/18/1998 | | | | | | | | | 470 | ND | 2.53 | | ND | | | | | | | 4 | | ND | 56 |
| OW1 | 5/10/1999 | | | | | | | | | 428 | ND | 1.75 | | ND | | | | | | | 5 | | ND | 46 |
| OW1 | 11/18/1999 | | | | | | | | | | | | | ND | | | | | | | | | | |
| OW1 | 12/2/1999 | | | | | | | | | 437 | ND | 1 | | ND | | | | | | | 12 | | ND | 45 |
| OW1 | 5/25/2000 | ND | ND | ND | ND | | | | | 394 | | 0.9 | | ND | | | | | | | 13 | | | |
| OW1 | 5/26/2000 | | | | | | | | | | ND | | | | | | | | | | | | ND | 48 |
| OW1 | 11/21/2000 | | | | | | | | | 460 | 0.09 | 2.11 | | ND | | | | | | | 13 | | ND | 42 |
| OW1 | 5/15/2001 | | | | | | | | | 410 | ND | 1.69 | | ND | | | | | | | 10 | | ND | 43 |
| OW1 | 12/1/2001 | | | | | | | | | 443 | ND | 3.7 | | ND | | | | | | | 23 | | ND | 43 |
| OW1 | 5/29/2002 | | | | | | | | | 438 | ND | 1.28 | | ND | | | | | | | 21 | | ND | 43 |
| OW1 | 11/21/2002 | | | | | | | | | 490 | 0.01 | 6.02 | | ND | | | | | | | 8 | | ND | 52 |
| OW1 | 5/27/2003 | | | | | | | | | 446 | < 0.01 | 3.83 | | < 0.0005 | | | | | | | 24 | | < 0.001 | 45 |
| OW1 | 10/23/2003 | | | | | | | | | 466 | 0.02 | 7.64 | | < 0.0013 | | | | | | | 21 | | < 0.001 | 44 |
| OW1 | 5/5/2004 | | | | | | | | | 416 | 0.04 | 2.45 | | < 0.0013 | | | | | | | 16 | | < 0.0001 | 44 |
| OW1 | 11/11/2004 | | | | | | | | | 489 | 0.02 | 12.5 | | < 0.0013 | | | | | | | 3 | | < 0.0001 | 54 |
| OW1 | 5/3/2005 | | | | | | | | | 448 | 0.03 | 1.38 | | < 0.0013 | | | | | | | 12 | | < 0.0001 | 48 |
| OW1 | 11/1/2005 | | | | | | | | | 442 | 0.02 | 0.55 | | < 0.0013 | | | | | | | 4 | | < 0.0001 | 49 |
| OW1 | 5/31/2006 | | | | < 0.0004 | | | | | 449 | 0.1 | 1.31 | | < 0.0005 | | | | | | | 4 | 0.9 | < 0.0001 | 44 |
| OW1 | 11/16/2006 | | | | | | | | | 425 | 0.05 | 2.59 | | < 0.0005 | | | | | | | 16 | | < 0.0001 | 52 |
| OW1 | 4/20/2007 | | | | | | | | | 469 | 0.04 | 2.27 | | < 0.0005 | | | | | | | 6 | | < 0.0001 | 44 |
| OW1 | 10/17/2007 | | | | | | | | | 434 | < 0.01 | 1.56 | | < 0.0005 | | | | | | | 33 | | < 0.0001 | 47 |
| OW1 | 4/30/2008 | | | | | | | | | 448 | < 0.02 | 1.34 | | < 0.0001 | | | | | | | 8 | | < 0.0001 | 45 |
| OW1 | 11/18/2008 | | | | | | | | | 445 | < 0.02 | 4.16 | | < 0.0001 | | | | | | | 10 | | < 0.0001 | 42 |
| OW4 | 7/1/1994 | | | | | | | | | | | | | ND | | | | | | | | | | |
| OW4 | 7/6/1994 | | | | | | | | | 920 | ND | 1.7 | | | | | | | | | 3.2 | 1.34 | ND | 147 |
| OW4 | 11/25/1994 | | | | | | | | | 960 | ND | 1.6 | | ND | | | | | | | 7.2 | | ND | 331 |
| OW4 | 4/20/1995 | | | | | | | | | 1059 | ND | 1.21 | | | | | | | | | 16 | | ND | 359 |
| OW4 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| OW4 | 11/2/1995 | | | | | | | | | 896 | | 2.18 | | | | | | | | | 11 | | | |
| OW4 | 11/3/1995 | | | | | | | | | | ND | | | ND | | | | | | | | | ND | 288 |
| OW4 | 4/1/1996 | | | | | | | | | 1050 | ND | 2 | | ND | | | | | | | 10 | | ND | 283 |
| OW4 | 11/1/1996 | | | | | | | | | 1017 | 0.63 | 1.49 | | ND | | | | | | | 5 | | ND | 248 |
| OW4 | 5/1/1997 | | | | | | | | | 1047 | ND | 1.56 | | ND | | | | | | | 6 | | ND | 205 |
| OW4 | 11/1/1997 | | | | | | | | | | | | | ND | | | | | | | | | | |
| OW4 | 5/8/1998 | | | | | | | | | 836 | ND | 1.14 | | ND | | | | | | | 4 | | ND | 135 |
| OW4 | 11/18/1998 | | | | | | | | | 1010 | ND | 2.07 | | ND | | | | | | | 6 | | ND | 254 |
| OW4 | 5/10/1999 | | | | | | | | | 1050 | ND | 2.57 | | ND | | | | | | | 7 | | ND | 223 |
| OW4 | 12/2/1999 | | | | | | | | | 476 | ND | 1.15 | | ND | | | | | | | 6 | | ND | 206 |
| OW4 | 5/26/2000 | | | | | | | | | 1070 | 0.03 | 1.05 | | ND | | | | | | | 7 | | ND | 202 |
| OW4 | 11/21/2000 | | | | | | | | | 1080 | ND | 2.05 | | ND | | | | | | | 6 | | ND | 243 |
| OW4 | 5/15/2001 | | | | | | | | | 1080 | 0.05 | 1.37 | | ND | | | | | | | 7 | | ND | 138 |
| OW4 | 12/1/2001 | | | | | | | | | 1170 | ND | 1.74 | | ND | | | | | | | 13 | | ND | 247 |
| OW4 | 5/29/2002 | | | | | | | | | 1160 | ND | 2.1 | | ND | | | | | | | 8 | | ND | 235 |
| OW4 | 11/21/2002 | | | | | | | | | | 0.12 | | | ND | | | | | | | | | ND | 162 |
| OW4 | 11/22/2002 | | | | | | | | | 1160 | | 1.52 | | | | | | | | | 8 | | | |
| OW4 | 5/27/2003 | | | | | | | | | 1160 | 0.01 | 1.53 | | < 0.0005 | | | | | | | 8 | | < 0.001 | 197 |
| OW4 | 10/23/2003 | | | | | | | | | 1120 | 0.02 | 1.53 | | < 0.0013 | | | | | | | 8 | | < 0.001 | 177 |
| OW4 | 5/5/2004 | | | | | | | | | 1130 | 0.03 | 1.51 | | < 0.0013 | | | | | | | < 1 | | < 0.001 | 200 |
| OW4 | 11/11/2004 | | | | | | | | | 1020 | < 0.01 | 0.78 | | < 0.0013 | | | | | | | 3 | | < 0.0001 | 221 |
| OW4 | 5/3/2005 | | | | | | | | | 1100 | 0.03 | 1.15 | | < 0.0013 | | | | | | | 5 | | < 0.0001 | 193 |

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo (b,k) fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OW4 | 11/1/2005 | | | | | | | | | 1120 | 0.04 | 1.1 | | < 0.0013 | | | | | | | 5 | | < 0.0001 | 214 |
| OW4 | 5/31/2006 | | | | < 0.0004 | | | | | 1220 | 0.22 | 1.22 | | < 0.0005 | | | | | | | 8 | 1.39 | < 0.0001 | 183 |
| OW4 | 11/16/2006 | | | | | | | | | 1120 | 0.05 | 1.19 | | < 0.0005 | | | | | | | 5 | | < 0.0001 | 176 |
| OW4 | 4/19/2007 | | | | | | | | | 1160 | 0.02 | 1.12 | | < 0.0005 | | | | | | | 5 | | < 0.0001 | 178 |
| OW4 | 10/17/2007 | | | | | | | | | 1080 | < 0.01 | 1.15 | | < 0.0005 | | | | | | | 7 | | < 0.0001 | 160 |
| OW4 | 4/30/2008 | | | | | | | | | 1190 | < 0.08 | 1.42 | | 0.0006 | | | | | | | 5 | | < 0.0005 | 170 |
| OW4 | 11/18/2008 | | | | | | | | | 1180 | < 0.02 | 1.37 | | 0.0013 | | | | | | | 5 | | < 0.0001 | 170 |
| OW54-d | 7/1/1994 | ND | ND | ND | ND | | | | | | | | | 0.0006 | | | | | | | | | | |
| OW54-d | 7/6/1994 | | | | | | | | | 290 | ND | 1.2 | | | | | | | | | ND | 0.44 | ND | 37 |
| OW54-d | 11/25/1994 | 0.00097 | 0.00128 | ND | ND | | | | | 320 | ND | 0.61 | | ND | | | | | | | ND | | ND | 109 |
| OW54-d | 4/20/1995 | | | | | | | | | 273 | ND | 0.57 | | | | | | | | | ND | | ND | 39 |
| OW54-d | 4/21/1995 | 0.0006 | 0.0044 | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| OW54-d | 11/2/1995 | | | | | | | | | 273 | | 1.1 | | | | | | | | | 1 | | | |
| OW54-d | 11/3/1995 | | | | | | | ND | ND | | ND | | ND | ND | ND | ND | ND | | ND | | | | ND | 39 |
| OW54-d | 4/1/1996 | ND | ND | ND | | | | ND | ND | 296 | ND | 0.96 | ND | 0.0012 | ND | ND | ND | | ND | | ND | | ND | 45 |
| OW54-d | 11/1/1996 | 0.0006 | 0.0119 | ND | ND | | | | | 300 | 0.09 | 1.05 | | ND | | | | | | | 11 | | ND | 80 |
| OW54-d | 5/1/1997 | ND | ND | ND | ND | | | ND | ND | 313 | ND | 0.5 | ND | 0.0018 | ND | ND | ND | | ND | | | | ND | 76 |
| OW54-d | 10/1/1997 | ND | ND | ND | ND | | | ND | ND | 266 | ND | 0.82 | ND | 0.0058 | ND | ND | ND | | ND | | 2 | | ND | 33 |
| OW54-d | 5/8/1998 | | | | | | | | | 285 | ND | 1.19 | | ND | | | | | | | 2 | | ND | 34 |
| OW54-d | 6/25/1998 | ND | ND | ND | ND | | | ND | ND | | | | ND | 0.0061 | ND | ND | ND | | ND | | | | | |
| OW54-d | 11/18/1998 | ND | ND | ND | ND | | | ND | ND | 263 | ND | 1.26 | ND | 0.0036 | ND | ND | ND | | ND | | 3 | | ND | 37 |
| OW54-d | 2/10/1999 | ND | ND | ND | ND | | | | | 270 | ND | 1.17 | | 0.002 | | | | | | | 14 | | ND | 40 |
| OW54-d | 5/10/1999 | ND | 0.0007 | ND | ND | | | ND | ND | 262 | ND | 1.18 | ND | 0.0088 | ND | ND | ND | | ND | | 1 | | ND | 35 |
| OW54-d | 11/18/1999 | ND | ND | ND | ND | | | ND | ND | 263 | ND | 1.26 | ND | 0.0036 | ND | ND | ND | | ND | | 3 | | ND | 37 |
| OW54-d | 12/2/1999 | | | | | | | | | | ND | | | | | | | | | | | | ND | 126 |
| OW54-d | 12/3/1999 | ND | ND | ND | ND | | | ND | ND | 459 | | 1.55 | ND | 0.0023 | ND | ND | ND | | ND | | ND | | | |
| OW54-d | 5/15/2000 | ND | ND | ND | ND | | | ND | ND | | | | ND | ND | ND | ND | ND | | ND | | | | | |
| OW54-d | 5/25/2000 | | | | | | | | | 279 | ND | 0.95 | | | | | | | | | ND | | ND | 37 |
| OW54-d | 11/22/2000 | ND | ND | ND | ND | | | ND | ND | 351 | ND | 1.27 | ND | 0.0071 | ND | ND | ND | | ND | | 7 | | ND | 92 |
| OW54-d | 5/14/2001 | ND | ND | ND | ND | | | ND | ND | 254 | ND | 1.06 | ND | ND | ND | ND | ND | | ND | | 4 | | ND | 40 |
| OW54-d | 12/1/2001 | ND | ND | ND | ND | | | | | 267 | ND | 0.09 | | ND | | | | | | | 2 | | ND | 35 |
| OW54-d | 5/29/2002 | ND | ND | ND | ND | | | ND | ND | 265 | ND | 1.29 | ND | ND | ND | ND | ND | | ND | | ND | | ND | 35 |
| OW54-d | 11/21/2002 | ND | ND | ND | ND | | | ND | ND | 272 | ND | 1.34 | ND | ND | ND | ND | ND | | ND | | ND | | ND | 38 |
| OW54-d | 5/29/2003 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | | | < 0.0001 | < 0.0001 | 264 | < 0.01 | 1.09 | < 0.0001 | < 0.0005 | | < 0.0001 | < 0.0001 | < 0.0001 | < 0.0002 | < 0.0001 | < 1 | | < 0.001 | 38 |
| OW54-d | 10/23/2003 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | < 0.0017 | < 0.0015 | 259 | < 0.01 | 1.14 | < 0.0018 | < 0.0013 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | < 1 | | < 0.001 | 34 |
| OW54-d | 5/4/2004 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | < 0.0017 | < 0.0015 | 271 | < 0.01 | 1.14 | < 0.0018 | < 0.0013 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | < 1 | | < 0.001 | 40 |
| OW54-d | 11/11/2004 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | < 0.0017 | < 0.0015 | 265 | < 0.01 | 0.95 | < 0.0018 | < 0.0013 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 2 | | < 0.0001 | 40 |
| OW54-d | 5/5/2005 | < 0.0021 | < 0.0035 | < 0.0016 | <0.0024 | | | < 0.0017 | < 0.0015 | 275 | 0.02 | 1.08 | < 0.0018 | < 0.0013 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | < 1 | | < 0.0001 | 36 |
| OW54-d | 11/2/2005 | <0.0021 | <0.0035 | <0.0016 | <0.0024 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 272 | 0.02 | 1.06 | <0.0002 | <0.0013 | | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <1 | | <0.0001 | 38 |
| OW54-d | 11/24/2005 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | | | | | 307 | 0.02 | 1.12 | | < 0.0005 | | | | | | | < 1 | | < 0.0001 | 48 |
| OW54-d | 5/30/2006 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 311 | 0.02 | 1.35 | < 0.0002 | < 0.0005 | | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 1 | 0.55 | < 0.0001 | 57 |
| OW54-d | 11/16/2006 | <0.0004 | <0.0004 | <0.0005 | <0.0004 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 456 | 0.03 | 1.06 | <0.0002 | <0.0005 | | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 7 | | <0.0001 | 110 |
| OW54-d | 4/20/2007 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 383 | 0.02 | 1.74 | < 0.0002 | < 0.0005 | | < 0.0002 | < 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | 3 | | < 0.0001 | 72 |
| OW54-d | 10/17/2007 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 262 | < 0.01 | 0.97 | < 0.0002 | < 0.0005 | | < 0.0002 | < 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | 4 | | < 0.0001 | 38 |
| OW54-d | 4/30/2008 | < 0.0001 | < 0.0001 | < 0.0001 | < 0.0002 | < 0.00005 | < 0.00005 | < 0.00005 | < 0.00005 | 272 | < 0.02 | 1.06 | < 0.00005 | < 0.0001 | | < 0.00005 | < 0.00001 | < 0.00005 | < 0.0001 | < 0.00005 | < 2 | | < 0.0001 | 44 |
| OW54-d | 11/19/2008 | < 0.0001 | < 0.0001 | < 0.0001 | < 0.0002 | < 0.00005 | < 0.00005 | < 0.00005 | < 0.00005 | 280 | < 0.02 | 1.17 | < 0.00005 | < 0.0001 | | < 0.00005 | < 0.00001 | < 0.00005 | < 0.0001 | < 0.00005 | 3 | | < 0.0001 | 39 |
| OW54-i | 7/1/1994 | | | | | | | | | | | | | ND | | | | | | | | | | |
| OW54-i | 7/6/1994 | | | | | | | | | | | 1.3 | | | | | | | | | ND | | | |
| OW54-i | 11/25/1994 | ND | ND | ND | ND | | | | | 950 | 0.14 | 0.84 | | ND | | | | | | | ND | | ND | 43.7 |
| OW54-i | 4/20/1995 | | | | | | | | | 270 | ND | 1.07 | | | | | | | | | 4 | | ND | 44 |
| OW54-i | 4/21/1995 | ND | 0.0007 | | ND | | | | | | | | | 0.0012 | | | | | | | | | | |
| OW54-i | 11/2/1995 | | | | | | | | | 268 | | 1.08 | | | | | | | | | 6 | | | |
| OW54-i | 11/3/1995 | | | | | | | ND | ND | | 0.09 | | ND | ND | ND | ND | ND | | ND | | | | ND | 35 |
| OW54-i | 4/1/1996 | ND | ND | ND | | | | ND | ND | 272 | 0.1 | 1.06 | ND | ND | ND | ND | ND | | ND | | 2 | | ND | 36 |
| OW54-i | 11/1/1996 | ND | ND | ND | ND | | | | | 265 | 0.09 | 1.15 | | ND | | | | | | | 2 | | ND | 37 |
| OW54-i | 5/1/1997 | ND | ND | ND | ND | | | ND | ND | 255 | 0.04 | 0.68 | ND | ND | ND | ND | ND | | ND | | | | ND | 36 |
| OW54-i | 10/1/1997 | ND | ND | ND | ND | | | ND | ND | 259 | 0.03 | 0.82 | ND | ND | ND | ND | 0.0001 | | ND | | 2 | | | 37 |
| OW54-i | 5/8/1998 | | | | | | | ND | ND | 246 | ND | 1.2 | ND | ND | ND | ND | ND | | ND | | 2 | | ND | 35 |
| OW54-i | 6/25/1998 | ND | ND | ND | ND | | | | | | | | | ND | | | | | | | | | | |
| OW54-i | 11/18/1998 | ND | ND | ND | ND | | | ND | ND | 256 | ND | 1.26 | ND | ND | ND | ND | ND | | ND | | 4 | | ND | 39 |
| OW54-i | 5/10/1999 | ND | ND | ND | ND | | | ND | ND | 253 | ND | 1.41 | ND | ND | ND | ND | ND | | ND | | 2 | | ND | 38 |
| OW54-i | 11/18/1999 | | | | | | | | | | ND | | | | | | | | | | | | ND | 39 |
| OW54-i | 12/3/1999 | ND | ND | ND | ND | | | ND | ND | 254 | ND | 0.55 | ND | ND | ND | ND | ND | | ND | | 1 | | ND | 35 |
| OW54-i | 5/26/2000 | ND | ND | ND | ND | | | ND | ND | 266 | 0.09 | 1 | ND | ND | ND | ND | ND | | ND | | ND | | ND | 38 |
| OW54-i | 11/22/2000 | ND | ND | ND | ND | | | ND | ND | 270 | ND | 1.42 | ND | 0.0016 | ND | ND | ND | | ND | | 6 | | ND | 38 |
| OW54-i | 5/14/2001 | ND | ND | ND | ND | | | ND | ND | 246 | ND | 1.11 | ND | ND | ND | ND | ND | | ND | | 3 | | ND | 43 |
| OW54-i | 12/1/2001 | ND | ND | ND | ND | | | ND | ND | 264 | ND | 1.09 | ND | ND | ND | ND | ND | | ND | | 1 | | ND | 37 |
| OW54-i | 5/29/2002 | ND | ND | ND | ND | | | ND | ND | 263 | ND | 1.13 | ND | ND | ND | ND | ND | | ND | | ND | | ND | 36 |
| OW54-i | 11/21/2002 | ND | ND | ND | ND | | | ND | ND | 269 | ND | 1.25 | ND | ND | ND | ND | ND | | ND | | ND | | ND | 38 |
| OW54-i | 5/29/2003 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | | | < 0.0001 | < 0.0001 | 264 | < 0.01 | 1.13 | < 0.0001 | < 0.0005 | | < 0.0001 | < 0.0001 | < 0.0001 | < 0.0002 | < 0.0001 | < 1 | | < 0.001 | 38 |
| OW54-i | 10/23/2003 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | < 0.0017 | < 0.0015 | 262 | < 0.01 | 1.16 | < 0.0018 | < 0.0013 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | 3 | | < 0.001 | 35 |
| OW54-i | 5/4/2004 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | < 0.0017 | < 0.0015 | 264 | < 0.01 | 1.2 | < 0.0018 | < 0.0013 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | < 1 | | < 0.001 | 39 |
| OW54-i | 11/11/2004 | < 0.0021 | < 0.0035 | < 0.0016 | < 0.0024 | | | < 0.0017 | < 0.0015 | 260 | 0.06 | 1.01 | < 0.0018 | < 0.0013 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | < 1 | | < 0.0001 | 40 |
| OW54-i | 5/5/2005 | < 0.0021 | < 0.0035 | < 0.0016 | <0.0024 | | | < 0.0017 | < 0.0015 | 263 | 0.02 | 1.08 | < 0.0018 | < 0.0013 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | < 1 | | < 0.0001 | 36 |
| OW54-i | 11/2/2005 | <0.0021 | <0.0035 | <0.0016 | <0.0024 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | 260 | 0.02 | 0.59 | <0.0002 | <0.0013 | | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <1 | | <0.0001 | 39 |
| OW54-i | 5/30/2006 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 247 | 0.02 | 1.17 | < 0.0002 | < 0.0005 | | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 3 | 0.52 | < 0.0001 | 36 |
| OW54-i | 11/16/2006 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 258 | < 0.01 | 1.06 | < 0.0002 | < 0.0005 | | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 2 | | < 0.0001 | 47 |

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo (b,k) fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OW54-i | 4/20/2007 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 281 | 0.02 | 0.27 | < 0.0002 | < 0.0005 | | < 0.0002 | < 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | 2 | | < 0.0001 | 45 |
| OW54-i | 10/17/2007 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 263 | < 0.01 | 1.03 | < 0.0002 | < 0.0005 | | < 0.0002 | < 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | 6 | | < 0.0001 | 45 |
| OW54-i | 4/30/2008 | < 0.0001 | < 0.0001 | < 0.0001 | < 0.0002 | < 0.00005 | < 0.00005 | < 0.00005 | < 0.00005 | 266 | < 0.02 | 1.08 | < 0.00005 | < 0.0001 | | < 0.00005 | < 0.00001 | < 0.00005 | < 0.0001 | < 0.00005 | < 2 | | < 0.0001 | 40 |
| OW54-i | 11/19/2008 | < 0.0001 | < 0.0001 | < 0.0001 | < 0.0002 | < 0.00005 | < 0.00005 | < 0.00005 | < 0.00005 | 259 | < 0.02 | 1.16 | < 0.00005 | < 0.0001 | | < 0.00005 | < 0.00001 | < 0.00005 | < 0.0001 | < 0.00005 | < 2 | | < 0.0001 | 39 |
| OW54-s | 7/6/1994 | | | | | | | | | 310 | | 5.5 | | | | | | | | | | | | |
| OW54-s | 11/25/1994 | | | | | | | | | 170 | 0.74 | 6.26 | | ND | | | | | | | ND | | ND | 13.3 |
| OW54-s | 4/20/1995 | | | | | | | | | 77 | 0.07 | 0.15 | | | | | | | | | 1 | | ND | 2 |
| OW54-s | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| OW54-s | 11/2/1995 | | | | | | | | | 81 | | 0.23 | | | | | | | | | 2 | | | |
| OW54-s | 11/3/1995 | | | | | | | | | | 0.1 | | | ND | | | | | | | | | ND | 7 |
| OW54-s | 4/1/1996 | | | | | | | | | 81 | 0.41 | 0.1 | | ND | | | | | | | 2 | | ND | 14 |
| OW54-s | 11/1/1996 | ND | ND | ND | ND | | | | | 86 | 0.21 | 0.2 | | ND | | | | | | | 3 | | ND | 11 |
| OW54-s | 5/1/1997 | | | | | | | | | 116 | 0.05 | 0.03 | | ND | | | | | | | 2 | | ND | 8 |
| OW54-s | 10/1/1997 | | | | | | | | | 11 | 0.06 | 0.98 | | ND | | | | | | | 1 | | ND | 13 |
| OW54-s | 5/8/1998 | | | | | | | | | 92 | 0.12 | 0.18 | | ND | | | | | | | ND | | ND | 6 |
| OW54-s | 11/18/1998 | | | | | | | | | 102 | 0.08 | 0.11 | | ND | | | | | | | 3 | | ND | 12 |
| OW54-s | 11/18/1999 | | | | | | | | | 102 | 0.08 | 0.11 | | ND | | | | | | | 3 | | ND | 12 |
| OW54-s | 5/15/2000 | | | | | | | | | | | | | ND | | | | | | | | | | |
| OW54-s | 5/25/2000 | | | | | | | | | 79 | 0.13 | 0.15 | | | | | | | | | 4 | | ND | 8 |
| OW54-s | 11/29/2000 | | | | | | | | | 125 | 0.17 | 0.04 | | ND | | | | | | | 3 | | ND | 22 |
| OW54-s | 5/15/2001 | | | | | | | | | 117 | 0.09 | 0.25 | | ND | | | | | | | 4 | | ND | 17 |
| OW54-s | 12/1/2001 | | | | | | | ND | ND | 139 | ND | 0.23 | ND | ND | ND | ND | ND | | ND | | 3 | | ND | 26 |
| OW54-s | 5/29/2002 | | | | | | | | | 125 | ND | 0.32 | | ND | | | | | | | ND | | ND | 15 |
| OW54-s | 11/21/2002 | | | | | | | | | 150 | 0.04 | 0.2 | | ND | | | | | | | ND | | ND | 16 |
| OW54-s | 5/29/2003 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | | | | | 91 | 0.23 | 0.18 | | < 0.0005 | | | | | | | 4 | | < 0.001 | 25 |
| OW54-s | 10/23/2003 | | | | | | | | | 160 | 0.03 | 0.37 | | < 0.0013 | | | | | | | 1 | | < 0.001 | 23 |
| OW54-s | 5/4/2004 | | | | | | | | | 166 | 0.08 | 0.44 | | < 0.0013 | | | | | | | < 1 | | < 0.001 | 2 |
| OW54-s | 11/11/2004 | | | | | | | | | 54 | 0.06 | 0.76 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 14 |
| OW54-s | 5/5/2005 | | | | | | | | | 83 | 0.12 | 0.31 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 8 |
| OW54-s | 11/2/2005 | | | | | | | | | 106 | 0.03 | 0.2 | | <0.0013 | | | | | | | <1 | | <0.0001 | 14 |
| OW54-s | 4/20/2007 | | | | | | | | | 104 | 0.09 | 0.16 | | < 0.0005 | | | | | | | < 1 | | < 0.0001 | 5 |
| OW54-s | 10/17/2007 | | | | | | | | | 83 | 0.04 | 0.37 | | < 0.0005 | | | | | | | 3 | | < 0.0001 | 9 |
| OW54-s | 4/30/2008 | | | | | | | | | 220 | 0.21 | 0.94 | | < 0.0001 | | | | | | | < 2 | | < 0.0001 | 2 |
| OW54-s | 11/19/2008 | | | | | | | | | 44 | 0.078 | 0.26 | | < 0.0001 | | | | | | | < 2 | | < 0.0001 | 4.9 |
| OW55-d | 7/1/1994 | | | | | | | | | | | | | 0.00052 | | | | | | | | | | |
| OW55-d | 7/6/1994 | | | | | | | | | 330 | | 4.9 | | | | | | | | | 2.3 | | | |
| OW55-d | 11/25/1994 | | | | | | | | | 280 | ND | 4.1 | | 0.0008 | | | | | | | ND | | ND | 430 |
| OW55-d | 4/20/1995 | | | | | | | | | 298 | ND | 5.48 | | | | | | | | | 17 | | ND | 292 |
| OW55-d | 4/21/1995 | ND | ND | ND | | | | | | | | | | 0.0012 | | | | | | | | | | |
| OW55-d | 11/2/1995 | | | | | | | | | 300 | | 5.41 | | | | | | | | | 3 | | | |
| OW55-d | 11/3/1995 | | | | | | | | | | ND | | | 0.006 | | | | | | | | | ND | 289 |
| OW55-d | 4/1/1996 | | | | | | | | | 255 | ND | 5.33 | | 0.0032 | | | | | | | 5 | | ND | 334 |
| OW55-d | 11/1/1996 | | | | | | | | | | 0.65 | | | 0.0118 | | | | | | | 3 | | ND | 277 |
| OW55-d | 5/1/1997 | | | | | | | | | 297 | ND | 4.22 | | 0.0311 | | | | | | | | | ND | 332 |
| OW55-d | 10/1/1997 | | | | | | | | | 269 | ND | 5.63 | | ND | | | | | | | 6 | | ND | 317 |
| OW55-d | 5/8/1998 | | | | | | | | | 287 | ND | 6.07 | | 0.0594 | | | | | | | 4 | | ND | 288 |
| OW55-d | 11/18/1998 | | | | | | | | | 289 | ND | 6.09 | | 0.0201 | | | | | | | 3 | | ND | 309 |
| OW55-d | 5/10/1999 | | | | | | | | | 277 | ND | 6.29 | | 0.0008 | | | | | | | 1 | | ND | 330 |
| OW55-d | 11/18/1999 | | | | | | | | | 289 | ND | 6.09 | | 0.0201 | | | | | | | 3 | | ND | 254 |
| OW55-d | 12/1/1999 | | | | | | | | | 287 | ND | 4.8 | | 0.0098 | | | | | | | ND | | ND | 316 |
| OW55-d | 5/25/2000 | | | | | | | | | 299 | 0.04 | 4.35 | | ND | | | | | | | 2 | | ND | 257 |
| OW55-d | 11/22/2000 | | | | | | | | | 302 | ND | 6.71 | | 0.0013 | | | | | | | 4 | | ND | 291 |
| OW55-d | 5/15/2001 | | | | | | | | | 262 | ND | 0.94 | | ND | | | | | | | 7 | | ND | 97 |
| OW55-d | 12/1/2001 | | | | | | | | | 303 | ND | 5.22 | | 0.0013 | | | | | | | 2 | | ND | 287 |
| OW55-d | 5/29/2002 | | | | | | | | | 286 | ND | 5.29 | | ND | | | | | | | 1 | | ND | 265 |
| OW55-d | 11/21/2002 | | | | | | | | | 289 | ND | 5.36 | | ND | | | | | | | ND | | ND | 233 |
| OW55-d | 5/28/2003 | | | | | | | | | 285 | < 0.01 | 5.86 | | 0.0077 | | | | | | | < 1 | | < 0.001 | 269 |
| OW55-d | 10/23/2003 | | | | | | | | | 281 | < 0.01 | 4.99 | | < 0.0013 | | | | | | | 4 | | < 0.001 | 231 |
| OW55-d | 5/5/2004 | | | | | | | | | 282 | < 0.01 | 4.86 | | 0.0063 | | | | | | | < 1 | | < 0.001 | 264 |
| OW55-d | 11/11/2004 | | | | | | | | | 278 | < 0.01 | 4.81 | | < 0.0013 | | | | | | | 2 | | < 0.0001 | 252 |
| OW55-d | 5/4/2005 | | | | | | | | | 257 | 0.01 | 4.76 | | | | | | | | | 4 | | < 0.0001 | 274 |
| OW55-d | 11/2/2005 | | | | | | | | | 292 | <0.1 | 5.26 | | 0.015 | | | | | | | 3 | | <0.001 | 270 |
| OW55-d | 5/30/2006 | | | | < 0.0004 | | | | | 302 | 0.7 | 5.19 | | 0.0116 | | | | | | | 3 | 1.5 | < 0.001 | 282 |
| OW55-d | 11/16/2006 | | | | | | | | | 285 | < 0.1 | 4.76 | | 0.0034 | | | | | | | 6 | | < 0.001 | 271 |
| OW55-d | 4/19/2007 | | | | | | | | | 296 | < 0.1 | 4.7 | | 0.0025 | | | | | | | < 1 | | < 0.001 | 270 |
| OW55-d | 10/17/2007 | | | | | | | | | 276 | 0.4 | 4.58 | | < 0.0005 | | | | | | | 6 | | < 0.001 | 260 |
| OW55-d | 5/1/2008 | | | | | | | | | 275 | < 0.2 | 4.82 | | 0.0025 | | | | | | | < 2 | | < 0.001 | 260 |
| OW55-d | 11/19/2008 | | | | | | | | | 263 | < 0.08 | 7.12 | | 0.0023 | | | | | | | 11 | | < 0.0005 | 290 |
| OW55-i | 7/6/1994 | | | | | | | | | | | 2.1 | | | | | | | | | | | | |
| OW55-i | 11/25/1994 | | | | | | | | | 320 | ND | 3.9 | | | | | | | | | ND | | ND | 346 |
| OW55-i | 4/20/1995 | | | | | | | | | 277 | ND | 5.54 | | | | | | | | | 7 | | ND | 295 |
| OW55-i | 4/21/1995 | | | | | | | | | | | | | 0.0029 | | | | | | | | | | |
| OW55-i | 11/2/1995 | | | | | | | | | 285 | | 6.05 | | | | | | | | | 1 | | | |
| OW55-i | 11/3/1995 | | | | | | | | | | ND | | | ND | | | | | | | | | ND | 283 |
| OW55-i | 4/1/1996 | | | | | | | | | 279 | ND | 5.45 | | ND | | | | | | | 5 | | ND | 314 |
| OW55-i | 11/1/1996 | | | | | | | | | 286 | 0.61 | 5.65 | | 0.001 | | | | | | | 10 | | ND | 271 |
| OW55-i | 5/1/1997 | | | | | | | | | 277 | ND | 4.15 | | 0.0007 | | | | | | | 5 | | ND | 271 |

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo(b,k)fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OW55-i | 10/1/1997 | | | | | | | | | 269 | ND | 5.49 | | ND | | | | | | | 3 | | ND | 287 |
| OW55-i | 5/8/1998 | | | | | | | | | 256 | ND | 5.52 | | 0.0007 | | | | | | | ND | | ND | 272 |
| OW55-i | 11/18/1998 | | | | | | | | | 271 | ND | 6.32 | | 0.0059 | | | | | | | 2 | | ND | 294 |
| OW55-i | 5/10/1999 | | | | | | | | | 267 | ND | 6.86 | | 0.0034 | | | | | | | 30 | | ND | 675 |
| OW55-i | 11/18/1999 | | | | | | | | | 271 | ND | 6.32 | | 0.0059 | | | | | | | 2 | | ND | 294 |
| OW55-i | 12/2/1999 | | | | | | | | | 273 | ND | 2.05 | | ND | | | | | | | 4 | | ND | 285 |
| OW55-i | 5/25/2000 | | | | | | | | | 305 | ND | 4.7 | | ND | | | | | | | 1 | | ND | 238 |
| OW55-i | 11/21/2000 | | | | | | | | | 298 | ND | 5.71 | | ND | | | | | | | 8 | | ND | 269 |
| OW55-i | 5/15/2001 | | | | | | | | | 300 | ND | 5.27 | | ND | | | | | | | 5 | | ND | 271 |
| OW55-i | 12/1/2001 | | | | | | | | | 303 | ND | 5.07 | | ND | | | | | | | 4 | | ND | 274 |
| OW55-i | 5/29/2002 | | | | | | | | | 294 | ND | 5.77 | | ND | | | | | | | 4 | | ND | 274 |
| OW55-i | 11/21/2002 | | | | | | | | | 297 | ND | 5.7 | | ND | | | | | | | 6 | | ND | 267 |
| OW55-i | 5/28/2003 | | | | | | | | | 292 | 0.01 | 6.27 | | 0.0008 | | | | | | | 9 | | < 0.001 | 279 |
| OW55-i | 10/23/2003 | | | | | | | | | 293 | 0.03 | 4.99 | | < 0.0013 | | | | | | | 9 | | < 0.001 | 233 |
| OW55-i | 5/5/2004 | | | | | | | | | 285 | < 0.01 | 5.33 | | < 0.0013 | | | | | | | 20 | | < 0.001 | 289 |
| OW55-i | 11/11/2004 | | | | | | | | | 300 | < 0.01 | 4.45 | | < 0.0013 | | | | | | | 10 | | < 0.0001 | 246 |
| OW55-i | 5/4/2005 | | | | | | | | | 296 | < 0.01 | 4.15 | | | | | | | | | < 1 | | < 0.0001 | 238 |
| OW55-i | 11/2/2005 | | | | | | | | | 296 | <0.1 | 4.89 | | 0.0021 | | | | | | | 6 | | <0.001 | 267 |
| OW55-i | 5/30/2006 | | | | < 0.0004 | | | | | 294 | 0.7 | 5.05 | | 0.0059 | | | | | | | 10 | 1.5 | < 0.001 | 258 |
| OW55-i | 11/16/2006 | | | | | | | | | 291 | < 0.1 | 4.76 | | 0.0031 | | | | | | | 13 | | < 0.001 | 294 |
| OW55-i | 4/19/2007 | | | | | | | | | 290 | < 0.1 | 5.29 | | < 0.0005 | | | | | | | 2 | | < 0.001 | 279 |
| OW55-i | 10/17/2007 | | | | | | | | | 295 | 0.4 | 4.26 | | < 0.0005 | | | | | | | 17 | | < 0.001 | 250 |
| OW55-i | 5/1/2008 | | | | | | | | | 292 | < 0.2 | 4.73 | | 0.0008 | | | | | | | < 2 | | < 0.001 | 270 |
| OW55-i | 11/19/2008 | | | | | | | | | 281 | < 0.08 | 6.9 | | 0.0025 | | | | | | | 5 | | < 0.0005 | 240 |
| OW55-s | 7/1/1994 | | | | | | | | | | | | | ND | | | | | | | | | | |
| OW55-s | 7/6/1994 | | | | | | | | | 340 | ND | 2 | | | | | | | | | | 1.39 | ND | 304 |
| OW55-s | 11/25/1994 | | | | | | | | | 310 | | | | ND | | | | | | | 2.2 | | | |
| OW55-s | 4/20/1995 | | | | | | | | | 268 | ND | 1.29 | | | | | | | | | 10 | | ND | 142 |
| OW55-s | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| OW55-s | 11/2/1995 | | | | | | | | | 287 | | 0.71 | | | | | | | | | 5 | | | |
| OW55-s | 11/3/1995 | | | | | | | | | | 0.03 | | | ND | | | | | | | | | ND | 102 |
| OW55-s | 4/1/1996 | | | | | | | | | 316 | ND | 0.75 | | 0.0009 | | | | | | | 3 | | ND | 146 |
| OW55-s | 11/1/1996 | | | | | | | | | 356 | 0.26 | 1.04 | | ND | | | | | | | 2 | | ND | 100 |
| OW55-s | 5/1/1997 | | | | | | | | | 312 | ND | 0.38 | | ND | | | | | | | 6 | | ND | 100 |
| OW55-s | 10/1/1997 | | | | | | | | | 306 | 0.1 | 0.93 | | ND | | | | | | | 3 | | ND | 116 |
| OW55-s | 5/8/1998 | | | | | | | | | 309 | ND | 0.5 | | ND | | | | | | | 1 | | ND | 68 |
| OW55-s | 11/18/1998 | | | | | | | | | 300 | ND | 1.72 | | ND | | | | | | | 4 | | ND | 78 |
| OW55-s | 5/10/1999 | | | | | | | | | 301 | ND | 2.22 | | ND | | | | | | | 3 | | ND | 127 |
| OW55-s | 11/18/1999 | | | | | | | | | 300 | ND | 1.72 | | ND | | | | | | | 4 | | ND | 78 |
| OW55-s | 12/2/1999 | | | | | | | | | 323 | 0.08 | 1.65 | | ND | | | | | | | 5 | | ND | 123 |
| OW55-s | 5/25/2000 | | | | | | | | | 328 | 0.12 | 0.7 | | ND | | | | | | | 5 | | ND | 68 |
| OW55-s | 5/15/2001 | | | | | | | | | 292 | ND | 6.39 | | ND | | | | | | | 2 | | ND | 273 |
| OW55-s | 12/1/2001 | | | | | | | | | 304 | ND | 1.35 | | ND | | | | | | | 2 | | ND | 121 |
| OW55-s | 5/29/2002 | | | | | | | | | 335 | ND | 1.07 | | ND | | | | | | | ND | | ND | 100 |
| OW55-s | 11/21/2002 | | | | | | | | | 354 | ND | 1.72 | | ND | | | | | | | ND | | ND | 89 |
| OW55-s | 5/28/2003 | | | | | | | | | 334 | < 0.01 | 2.52 | | < 0.0005 | | | | | | | 5 | | < 0.001 | 136 |
| OW55-s | 10/23/2003 | | | | | | | | | 336 | < 0.01 | 1.99 | | < 0.0013 | | | | | | | 7 | | < 0.001 | 170 |
| OW55-s | 5/5/2004 | | | | | | | | | 351 | 0.05 | 1.91 | | < 0.0013 | | | | | | | 3 | | < 0.001 | 155 |
| OW55-s | 11/11/2004 | | | | | | | | | 341 | < 0.01 | 1.77 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 165 |
| OW55-s | 5/4/2005 | | | | | | | | | 334 | < 0.01 | 2.18 | | | | | | | | | 8 | | < 0.0001 | 143 |
| OW55-s | 11/2/2005 | | | | | | | | | 319 | 0.02 | 3.13 | | <0.0013 | | | | | | | <1 | | <0.0001 | 178 |
| OW55-s | 5/31/2006 | | | | < 0.0004 | | | | | 350 | 1 | 2.26 | | < 0.0005 | | | | | | | < 1 | 1.2 | < 0.001 | 193 |
| OW55-s | 11/16/2006 | | | | | | | | | 393 | < 0.1 | 0.97 | | < 0.0005 | | | | | | | 1 | | < 0.001 | 150 |
| OW55-s | 4/19/2007 | | | | | | | | | 334 | < 0.1 | 2.4 | | < 0.0005 | | | | | | | 5 | | < 0.001 | 204 |
| OW55-s | 10/17/2007 | | | | | | | | | 345 | 0.4 | 1.62 | | < 0.0005 | | | | | | | 5 | | < 0.001 | 150 |
| OW55-s | 5/1/2008 | | | | | | | | | 376 | < 0.2 | 1.1 | | < 0.0001 | | | | | | | < 2 | | < 0.001 | 76 |
| OW55-s | 11/19/2008 | | | | | | | | | 303 | < 0.08 | 3.57 | | 0.0001 | | | | | | | < 2 | | < 0.0005 | 150 |
| OW56-d | 7/6/1994 | | | | | | | | | | | | | | | | | | | | ND | | | |
| OW56-d | 11/25/1994 | | | | | | | | | 415 | ND | 1.4 | | ND | | | | | | | ND | | ND | 125 |
| OW56-d | 4/20/1995 | | | | | | | | | 442 | ND | 0.53 | | | | | | | | | 4 | | ND | 96 |
| OW56-d | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| OW56-d | 11/3/1995 | | | | | | | | | | | | | 0.001 | | | | | | | | | | |
| OW56-d | 11/21/1995 | | | | | | | | | 412 | ND | 0.94 | | | | | | | | | 10 | | ND | 87 |
| OW56-d | 4/1/1996 | | | | | | | | | 391 | ND | 0.95 | | ND | | | | | | | 4 | | ND | 86 |
| OW56-d | 11/1/1996 | | | | | | | | | 283 | | 5.52 | | ND | | | | | | | | | | |
| OW56-d | 5/1/1997 | | | | | | | | | 366 | ND | 0.06 | | ND | | | | | | | 10 | | ND | 71 |
| OW56-d | 10/1/1997 | | | | | | | | | 408 | ND | 1.06 | | 0.0019 | | | | | | | | | ND | 82 |
| OW56-d | 5/8/1998 | | | | | | | | | 403 | ND | 1.2 | | ND | | | | | | | ND | | ND | 75 |
| OW56-d | 11/18/1998 | | | | | | | | | 400 | ND | 1.26 | | 0.0006 | | | | | | | 1 | | ND | 83 |
| OW56-d | 5/10/1999 | | | | | | | | | 378 | ND | 1.63 | | ND | | | | | | | 2 | | ND | 65 |
| OW56-d | 11/18/1999 | | | | | | | | | 400 | ND | 1.26 | | 0.0006 | | | | | | | 1 | | ND | 83 |
| OW56-d | 12/2/1999 | | | | | | | | | 334 | ND | 0.85 | | ND | | | | | | | 3 | | ND | 59 |
| OW56-d | 5/26/2000 | | | | | | | | | 425 | ND | 0.47 | | | | | | | | | ND | | ND | 87 |
| OW56-d | 11/21/2000 | | | | | | | | | 441 | ND | 2.83 | | ND | | | | | | | 17 | | ND | 85 |
| OW56-d | 5/15/2001 | | | | | | | | | 400 | ND | 1.38 | | ND | | | | | | | 5 | | ND | 62 |
| OW56-d | 12/1/2001 | | | | | | | | | 411 | ND | 1.25 | | ND | | | | | | | 4 | | ND | 71 |
| OW56-d | 5/29/2002 | | | | | | | | | 381 | ND | 1.44 | | | | | | | | | 4 | | ND | 59 |

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo (b,k) fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OW56-d | 11/21/2002 | | | | | | | | | 400 | ND | 1.59 | | ND | | | | | | | 5 | | ND | 65 |
| OW56-d | 5/27/2003 | | | | | | | | | 383 | < 0.01 | 1.69 | | < 0.0005 | | | | | | | 4 | | < 0.001 | 60 |
| OW56-d | 10/23/2003 | | | | | | | | | 414 | 0.01 | 1.91 | | < 0.0013 | | | | | | | 5 | | < 0.001 | 61 |
| OW56-d | 5/6/2004 | | | | | | | | | 421 | < 0.1 | 1.36 | | < 0.0013 | | | | | | | 2 | | < 0.001 | 81 |
| OW56-d | 11/11/2004 | | | | | | | | | 413 | < 0.01 | 0.64 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 96 |
| OW56-d | 5/3/2005 | | | | | | | | | 419 | 0.01 | 1.11 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 92 |
| OW56-d | 11/1/2005 | | | | | | | | | 414 | 0.03 | 0.91 | | < 0.0013 | | | | | | | 2 | | < 0.0001 | 93 |
| OW56-d | 5/31/2006 | | | | < 0.0004 | | | | | 430 | 0.48 | 1.07 | | < 0.0005 | | | | | | | 4 | 1.3 | < 0.001 | 78 |
| OW56-d | 11/16/2006 | | | | | | | | | 419 | 0.01 | 0.37 | | < 0.0005 | | | | | | | < 1 | | < 0.0001 | 91 |
| OW56-d | 4/19/2007 | | | | | | | | | 413 | 0.03 | 0.65 | | < 0.0005 | | | | | | | 1 | | < 0.0001 | 83 |
| OW56-d | 10/17/2007 | | | | | | | | | 418 | < 0.01 | 0.61 | | < 0.0005 | | | | | | | 2 | | < 0.0001 | 88 |
| OW56-d | 4/30/2008 | | | | | | | | | 404 | < 0.02 | 0.76 | | < 0.0001 | | | | | | | 7 | | < 0.0001 | 83 |
| OW56-d | 11/18/2008 | | | | | | | | | 427 | < 0.02 | 0.43 | | < 0.0001 | | | | | | | < 2 | | < 0.0001 | 100 |
| OW56-i | 11/25/1994 | | | | | | | | | 430 | ND | 0.39 | | ND | | | | | | | ND | | ND | 94.2 |
| OW56-i | 4/20/1995 | | | | | | | | | 385 | ND | 1.01 | | | | | | | | | 16 | | ND | 86 |
| OW56-i | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| OW56-i | 11/3/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| OW56-i | 11/21/1995 | | | | | | | | | 383 | ND | 1.4 | | | | | | | | | 8 | | ND | 65 |
| OW56-i | 4/1/1996 | | | | | | | | | 354 | ND | 1.94 | | ND | | | | | | | 7 | | ND | 60 |
| OW56-i | 11/1/1996 | | | | | | | | | 355 | 0.21 | 1.75 | | ND | | | | | | | 9 | | ND | 62 |
| OW56-i | 5/1/1997 | | | | | | | | | 343 | ND | 0.17 | | ND | | | | | | | 1 | | ND | 56 |
| OW56-i | 10/1/1997 | | | | | | | | | 353 | ND | 1.47 | | ND | | | | | | | 2 | | ND | 67 |
| OW56-i | 5/8/1998 | | | | | | | | | 344 | ND | 2.15 | | ND | | | | | | | 2 | | ND | 52 |
| OW56-i | 11/18/1998 | | | | | | | | | 341 | ND | 2.64 | | ND | | | | | | | 4 | | ND | 56 |
| OW56-i | 5/10/1999 | | | | | | | | | 340 | ND | 2.63 | | ND | | | | | | | 2 | | ND | 52 |
| OW56-i | 11/18/1999 | | | | | | | | | 341 | ND | 2.64 | | ND | | | | | | | 4 | | ND | 56 |
| OW56-i | 5/26/2000 | | | | | | | | | 379 | ND | 0.88 | | | | | | | | | 2 | | ND | 69 |
| OW56-i | 11/21/2000 | | | | | | | | | 374 | ND | 1.73 | | ND | | | | | | | ND | | ND | 63 |
| OW56-i | 5/15/2001 | | | | | | | | | 374 | ND | 1.92 | | ND | | | | | | | 10 | | ND | 46 |
| OW56-i | 12/1/2001 | | | | | | | | | 364 | ND | 1.94 | | ND | | | | | | | 6 | | ND | 55 |
| OW56-i | 5/29/2002 | | | | | | | | | 362 | ND | 1.82 | | ND | | | | | | | 5 | | ND | 50 |
| OW56-i | 11/21/2002 | | | | | | | | | 377 | ND | 1.98 | | ND | | | | | | | 9 | | ND | 59 |
| OW56-i | 5/27/2003 | | | | | | | | | 368 | < 0.01 | 1.39 | | < 0.0005 | | | | | | | 7 | | < 0.001 | 47 |
| OW56-i | 10/23/2003 | | | | | | | | | 379 | 0.01 | 2.12 | | < 0.0013 | | | | | | | 9 | | < 0.001 | 58 |
| OW56-i | 5/6/2004 | | | | | | | | | 385 | < 0.01 | 1.45 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 70 |
| OW56-i | 11/11/2004 | | | | | | | | | 381 | < 0.01 | 1.34 | | < 0.0013 | | | | | | | 6 | | < 0.0001 | 71 |
| OW56-i | 5/3/2005 | | | | | | | | | 426 | 0.01 | 0.09 | | < 0.0013 | | | | | | | 2 | | < 0.0001 | 16 |
| OW56-i | 11/1/2005 | | | | | | | | | 394 | 0.03 | 1.38 | | < 0.0013 | | | | | | | 5 | | < 0.0001 | 80 |
| OW56-i | 11/16/2006 | | | | | | | | | 398 | < 0.01 | 1.38 | | < 0.0005 | | | | | | | 19 | | < 0.0001 | 66 |
| OW56-i | 4/19/2007 | | | | | | | | | 403 | 0.02 | 0.97 | | < 0.0005 | | | | | | | 4 | | < 0.0001 | 74 |
| OW56-i | 10/17/2007 | | | | | | | | | 387 | < 0.01 | 1.21 | | < 0.0005 | | | | | | | 3 | | < 0.0001 | 57 |
| OW56-i | 4/30/2008 | | | | | | | | | 408 | < 0.02 | 1.32 | | < 0.0001 | | | | | | | 21 | | < 0.0001 | 66 |
| OW56-i | 11/18/2008 | | | | | | | | | 399 | < 0.02 | 1.16 | | < 0.005 | | | | | | | 10 | | < 0.0001 | 70 |
| OW56-s | 7/1/1994 | | | | | | | | | | | | | ND | | | | | | | | | | |
| OW56-s | 7/6/1994 | | | | | | | | | 470 | ND | 1 | | | | | | | | | ND | 1.39 | ND | 118 |
| OW56-s | 11/3/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| OW56-s | 11/21/1995 | | | | | | | | | 301 | 0.27 | 0.04 | | | | | | | | | ND | | ND | 61 |
| OW56-s | 4/1/1996 | | | | | | | | | 366 | ND | 0.1 | | ND | | | | | | | 2 | | ND | 28 |
| OW56-s | 11/1/1996 | | | | | | | | | 479 | 0.08 | 0.03 | | ND | | | | | | | 3 | | ND | 14 |
| OW56-s | 5/1/1997 | | | | | | | | | 415 | 0.07 | 0.02 | | ND | | | | | | | 4 | | ND | 20 |
| OW56-s | 10/1/1997 | | | | | | | | | 393 | 0.04 | 0.13 | | ND | | | | | | | 1 | | ND | 20 |
| OW56-s | 5/8/1998 | | | | | | | | | 399 | ND | 0.12 | | ND | | | | | | | 2 | | ND | 12 |
| OW56-s | 11/18/1998 | | | | | | | | | 397 | ND | 0.59 | | ND | | | | | | | 3 | | ND | 8 |
| OW56-s | 5/10/1999 | | | | | | | | | 383 | ND | 0.08 | | ND | | | | | | | 8 | | ND | 6 |
| OW56-s | 11/18/1999 | | | | | | | | | 397 | ND | 0.59 | | ND | | | | | | | 3 | | ND | 8 |
| OW56-s | 12/2/1999 | | | | | | | | | 396 | 0.91 | ND | | ND | | | | | | | 3 | | ND | 5 |
| OW56-s | 5/26/2000 | | | | | | | | | 417 | 0.92 | 0.31 | | | | | | | | | 4 | | ND | 14 |
| OW56-s | 11/21/2000 | | | | | | | | | 449 | 0.29 | 0.17 | | ND | | | | | | | 3 | | ND | 15 |
| OW56-s | 5/15/2001 | | | | | | | | | 399 | ND | 0.06 | | ND | | | | | | | 3 | | ND | 18 |
| OW56-s | 12/1/2001 | | | | | | | | | 434 | ND | 0.3 | | ND | | | | | | | 3 | | ND | 7 |
| OW56-s | 5/29/2002 | | | | | | | | | 408 | ND | 0.12 | | | | | | | | | 1 | | ND | 5 |
| OW56-s | 11/21/2002 | | | | | | | | | 421 | ND | 0.11 | | ND | | | | | | | 4 | | ND | 11 |
| OW56-s | 5/27/2003 | | | | | | | | | 410 | < 0.01 | < 0.02 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 11 |
| OW56-s | 10/23/2003 | | | | | | | | | 413 | 0.02 | 0.13 | | < 0.0013 | | | | | | | 2 | | < 0.001 | 9 |
| OW56-s | 5/6/2004 | | | | | | | | | 413 | 0.01 | 0.26 | | < 0.0013 | | | | | | | 1 | | < 0.0001 | 13 |
| OW56-s | 11/11/2004 | | | | | | | | | 436 | < 0.01 | 0.15 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 22 |
| OW56-s | 5/3/2005 | | | | | | | | | 403 | 0.01 | 2.85 | | < 0.0013 | | | | | | | 13 | | < 0.0001 | 71 |
| OW56-s | 11/1/2005 | | | | | | | | | 420 | 0.02 | 0.18 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 15 |
| OW56-s | 5/31/2006 | | | | < 0.0004 | | | | | 413 | < 0.01 | 0.05 | | < 0.0005 | | | | | | | 1 | 1.19 | < 0.0001 | 18 |
| OW56-s | 11/16/2006 | | | | | | | | | 427 | < 0.01 | 0.07 | | < 0.0005 | | | | | | | < 1 | | < 0.0001 | 26 |
| OW56-s | 4/19/2007 | | | | | | | | | 402 | 0.02 | 0.04 | | < 0.0005 | | | | | | | < 1 | | < 0.0001 | 17 |
| OW56-s | 10/17/2007 | | | | | | | | | 412 | < 0.01 | 0.12 | | < 0.0005 | | | | | | | 4 | | < 0.0001 | 31 |
| OW56-s | 4/30/2008 | | | | | | | | | 403 | < 0.02 | < 0.15 | | < 0.0001 | | | | | | | < 2 | | < 0.0001 | 29 |
| OW56-s | 11/18/2008 | | | | | | | | | 433 | < 0.02 | < 0.15 | | < 0.0001 | | | | | | | < 2 | | < 0.0001 | 23 |
| OW57 | 7/1/1994 | | | | | | | | | | | | | ND | | | | | | | | | | |
| OW57 | 7/6/1994 | | | | | | | | | 53 | ND | 1.2 | | | | | | | | | ND | 0.23 | ND | 5.06 |
| OW57 | 11/25/1994 | ND | ND | ND | ND | | | | | 920 | ND | 0.06 | | ND | | | | | | | ND | | ND | 7.24 |

| Location | Sampling Date | 1,1,1-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Benzene mg/L | Benzo (b,k) fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Cadmium mg/L | Calcium mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OW57 | 4/20/1995 | | | | | | | | | 37 | 0.06 | 0.43 | | | | | | | | | ND | | ND | 10 |
| OW57 | 4/21/1995 | | | | | | | | | | | | | ND | | | | | | | | | | |
| OW57 | 11/2/1995 | | | | | | | | | 27 | | 0.54 | | | | | | | | | ND | | | |
| OW57 | 11/3/1995 | | | | | | | | | | ND | | | ND | | | | | | | | | ND | 9 |
| OW57 | 4/1/1996 | | | | | | | | | 27 | ND | 0.42 | | ND | | | | | | | ND | | ND | 10 |
| OW57 | 11/1/1996 | | | | | | | | | 36 | 0.13 | 0.37 | | 0.0005 | | | | | | | 1 | | ND | 14 |
| OW57 | 5/1/1997 | | | | | | | | | 28 | ND | 0.85 | | ND | | | | | | | | | ND | 11 |
| OW57 | 10/1/1997 | | | | | | | | | 23 | ND | 0.3 | | ND | | | | | | | 3 | | ND | 8 |
| OW57 | 5/8/1998 | | | | | | | | | 47 | ND | 0.32 | | ND | | | | | | | ND | | ND | 4 |
| OW57 | 11/18/1998 | | | | | | | | | 30 | ND | 0.29 | | ND | | | | | | | ND | | ND | 6 |
| OW57 | 5/10/1999 | | | | | | | | | 46 | ND | 0.3 | | ND | | | | | | | ND | | ND | 5 |
| OW57 | 11/18/1999 | | | | | | | | | 30 | | 0.29 | | ND | | | | | | | ND | | | |
| OW57 | 12/2/1999 | | | | | | | | | | ND | | | | | | | | | | | | ND | 7 |
| OW57 | 12/3/1999 | | | ND | | | | | | 21 | | 0.36 | | ND | | | | | | | ND | | | |
| OW57 | 5/15/2000 | | | | | | | | | | | | | ND | | | | | | | | | | |
| OW57 | 5/25/2000 | | | | | | | | | 40 | ND | 0.34 | | | | | | | | | 2 | | ND | 5 |
| OW57 | 11/22/2000 | | | | | | | | | 33 | ND | 0.26 | | ND | | | | | | | ND | | ND | 5 |
| OW57 | 5/15/2001 | | | | | | | | | 36 | ND | 0.29 | | ND | | | | | | | ND | | ND | 4 |
| OW57 | 12/1/2001 | | | | | | | | | 40 | ND | 0.26 | | ND | | | | | | | ND | | ND | 6 |
| OW57 | 5/29/2002 | | | | | | | | | 40 | ND | 0.35 | | ND | | | | | | | ND | | ND | 4 |
| OW57 | 11/21/2002 | | | | | | | | | 45 | ND | 0.24 | | ND | | | | | | | ND | | ND | 5 |
| OW57 | 5/29/2003 | | | | | | | | | 38 | < 0.01 | 0.2 | | < 0.0005 | | | | | | | < 1 | | < 0.001 | 4 |
| OW57 | 10/23/2003 | | | | | | | | | 40 | 0.04 | 0.22 | | < 0.0013 | | | | | | | < 1 | | < 0.001 | 2 |
| OW57 | 5/5/2004 | | | | | | | | | 49 | 0.01 | 0.38 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 3 |
| OW57 | 11/11/2004 | | | | | | | | | 50 | < 0.01 | 0.2 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 4 |
| OW57 | 5/4/2005 | | | | | | | | | 59 | 0.01 | 0.23 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 4 |
| OW57 | 11/1/2005 | | | | | | | | | 56 | 0.02 | 0.19 | | < 0.0013 | | | | | | | < 1 | | < 0.0001 | 4 |
| OW57 | 5/31/2006 | | | | < 0.0004 | | | | | 46 | 0.16 | 0.25 | | < 0.0005 | | | | | | | 1 | 0.21 | < 0.0001 | 4 |
| OW57 | 11/16/2006 | | | | | | | | | 54 | 0.01 | 0.14 | | < 0.0005 | | | | | | | < 1 | | < 0.0001 | 4 |
| OW57 | 4/20/2007 | | | | | | | | | 50 | 0.05 | 0.14 | | < 0.0005 | | | | | | | < 1 | | < 0.0001 | 4 |
| OW57 | 10/17/2007 | | | | | | | | | 47 | < 0.01 | 0.17 | | < 0.0005 | | | | | | | 1 | | < 0.0001 | 4 |
| OW57 | 4/29/2008 | | | | | | | | | 54 | < 0.02 | < 0.15 | | < 0.0001 | | | | | | | < 2 | | < 0.0001 | 3.9 |
| OW57 | 11/18/2008 | | | | | | | | | 60 | < 0.02 | < 0.15 | | < 0.0001 | | | | | | | < 2 | | < 0.0001 | 3.8 |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2054 | 7/1/1994 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| 2054 | 7/6/1994 | 9 | 144 | ND | | 810 | | | | | | | 180 | | | 0.36 | | 21 | 0.02 | ND | | ND | ND | |
| 2054 | 11/25/1994 | 34 | 25.3 | ND | | 550 | | | | ND | | | 140 | | | 0.21 | ND | 7.33 | | ND | | ND | ND | ND |
| 2054 | 4/3/1995 | | | ND | | | | | | | | | | | | 0.15 | | 6 | | ND | | | | |
| 2054 | 4/20/1995 | 3 | 7 | | | 426 | | | | | | | 55 | | | | | | | | | ND | ND | |
| 2054 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| 2054 | 11/2/1995 | 15 | 8 | | | 414 | | | | | | | 52 | | | | | | | | | ND | ND | |
| 2054 | 11/3/1995 | | | ND | | | | | | ND | | | | | | 0.25 | ND | 6 | | ND | | | | ND |
| 2054 | 4/1/1996 | 27 | 525 | ND | ND | 1977 | | ND | 4.4 | ND | ND | ND | 329 | | ND | 2.93 | ND | 43 | | ND | ND | ND | ND | ND |
| 2054 | 11/1/1996 | 32 | 9 | 0.01 | | 468 | | | | ND | | | 67 | | | 0.01 | ND | 6 | | ND | | ND | ND | ND |
| 2054 | 5/1/1997 | 11 | 9 | 0.09 | ND | 459 | | ND | 2 | ND | ND | ND | 68 | | ND | 0.17 | ND | 8 | | ND | ND | ND | ND | ND |
| 2054 | 10/1/1997 | 26 | 7 | | ND | 452 | | ND | 1.7 | ND | ND | ND | 61 | | ND | | ND | | | | ND | ND | ND | ND |
| 2054 | 11/1/1997 | | | ND | | | | | | | | | | | | 0.19 | | 7 | | ND | | | | |
| 2054 | 5/8/1998 | 105 | 250 | ND | ND | 1210 | | ND | ND | 0.0006 | ND | ND | 174 | | ND | 0.33 | 0.002 | 24 | | ND | ND | ND | ND | 0.0007 |
| 2054 | 11/18/1998 | 13 | 315 | ND | ND | 1440 | | ND | | ND | ND | ND | 206 | | ND | 0.06 | 0.002 | 27 | | ND | ND | ND | ND | ND |
| 2054 | 5/12/1999 | 10 | 10 | ND | ND | 409 | | ND | | ND | ND | ND | 41 | | ND | ND | ND | 5 | | ND | ND | ND | ND | ND |
| 2054 | 11/18/1999 | 13 | 315 | ND | | 1440 | | | | | | | 206 | | | 0.06 | | 27 | | ND | | ND | ND | |
| 2054 | 12/2/1999 | | | ND | | | | | | | | | | | | 0.05 | | 6 | | ND | | | | |
| 2054 | 12/3/1999 | 11 | 16 | | ND | 482 | | ND | 2.3 | ND | ND | ND | 50 | | ND | | ND | | | | ND | ND | ND | ND |
| 2054 | 5/26/2000 | 5 | 11 | ND | ND | 454 | | ND | 2.9 | ND | ND | ND | 63 | | ND | 0.1 | ND | 8 | | ND | ND | ND | ND | ND |
| 2054 | 11/29/2000 | 5 | 22 | ND | ND | 483 | | ND | 1.8 | ND | ND | ND | 52 | | ND | 0.12 | ND | 6 | | ND | ND | ND | ND | ND |
| 2054 | 5/16/2001 | 11 | 16 | ND | ND | 423 | | ND | 2.4 | ND | ND | ND | 43 | | ND | 0.03 | ND | 5 | | ND | ND | ND | ND | ND |
| 2054 | 12/1/2001 | | | | ND | | | ND | | ND | ND | ND | | | ND | | ND | | | | ND | | | ND |
| 2054 | 12/7/2001 | 11 | 364 | ND | | 1490 | | | 1.6 | | | | 236 | | | 0.39 | | 33 | | ND | | ND | ND | |
| 2054 | 5/29/2002 | ND | 19 | ND | ND | 484 | | ND | 1.9 | ND | ND | ND | 47 | | ND | ND | ND | 6 | | ND | ND | ND | ND | ND |
| 2054 | 11/21/2002 | 7 | 380 | ND | ND | 1570 | | ND | 3.2 | ND | ND | ND | 253 | | ND | 0.19 | ND | 36 | | ND | ND | ND | ND | ND |
| 2054 | 5/29/2003 | < 50 | 14400 | < 0.005 | < 0.0002 | 36100 | | < 0.0001 | 6.1 | < 0.005 | < 0.0001 | < 0.0001 | 8640 | < 0.0001 | | 65.7 | < 0.01 | 1220 | | < 0.05 | < 0.0001 | < 0.1 | < 0.1 | < 0.005 |
| 2054 | 10/23/2003 | 804 | 8320 | < 0.005 | < 0.0033 | | 22300 | < 0.0021 | 4.1 | < 0.0016 | < 0.0015 | < 0.001 | 4650 | < 0.0019 | | 13.7 | < 0.0034 | 656 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| 2054 | 5/6/2004 | 559 | 6880 | < 0.01 | < 0.0033 | | 18500 | < 0.0021 | 3 | < 0.0016 | < 0.0015 | < 0.001 | 3750 | < 0.0019 | | 12.5 | < 0.0034 | 513 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| 2054 | 11/11/2004 | 97 | 6680 | 0.003 | < 0.0033 | | 17800 | < 0.0021 | < 0.5 | < 0.0016 | < 0.0015 | < 0.001 | 3900 | < 0.0019 | | 18.3 | < 0.0034 | 515 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| 2054 | 5/3/2005 | 600 | 7980 | < 0.005 | < 0.0033 | | 20900 | < 0.0021 | < 0.5 | < 0.0016 | < 0.0015 | < 0.001 | 4020 | < 0.0019 | | 18.3 | < 0.0034 | 555 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| 2054 | 11/2/2005 | 1180 | 9070 | < 0.01 | < 0.0002 | | 21400 | < 0.0002 | < 2.5 | < 0.0016 | < 0.0002 | < 0.0002 | 5340 | < 0.0002 | | 22.9 | < 0.0034 | 721 | | < 0.0001 | < 0.0002 | < 0.1 | < 0.1 | < 0.0027 |
| 2054 | 5/31/2006 | 12 | 756 | 0.003 | < 0.0002 | | 2760 | < 0.0002 | < 0.5 | < 0.0005 | < 0.0002 | < 0.0002 | 407 | < 0.0002 | | 0.17 | < 0.001 | 54 | 0.03 | < 0.0001 | < 0.0002 | < 0.1 | < 0.1 | < 0.0005 |
| 2054 | 11/16/2006 | 346 | 6760 | < 0.01 | < 0.0002 | | 20100 | < 0.0002 | 0.9 | 0.0006 | < 0.0002 | < 0.0002 | 4100 | < 0.0002 | | 26.6 | 0.0015 | 557 | | < 0.0001 | 0.0002 | < 0.1 | < 0.1 | 0.0007 |
| 2054 | 4/20/2007 | 14 | 352 | < 0.001 | < 0.0002 | | 1590 | < 0.0002 | 1.9 | < 0.0005 | < 0.0002 | < 0.0002 | 205 | < 0.0002 | | 0.4 | 0.0016 | 28 | | < 0.0001 | < 0.0002 | < 0.1 | < 0.1 | < 0.0005 |
| 2054 | 4/30/2008 | 14 | 130 | < 0.005 | < 0.00005 | 851 | | < 0.0001 | 1.8 | 0.0002 | < 0.00005 | < 0.00005 | 120 | < 0.0001 | | < 0.1 | 0.0007 | 17 | | < 0.0002 | < 0.00005 | < 0.1 | < 0.01 | 0.0001 |
| 2054 | 11/19/2008 | 20 | 510 | < 0.005 | < 0.00005 | 2060 | | < 0.0001 | 1.4 | < 0.0001 | < 0.00005 | < 0.00005 | 310 | < 0.0001 | | < 0.1 | < 0.0001 | 43 | | < 0.0002 | 0.00014 | < 0.1 | < 0.01 | < 0.0001 |
| 2055 | 7/1/1994 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| 2055 | 7/6/1994 | ND | 78.8 | ND | | 830 | | | | | | | 370 | | | 0.71 | | 23 | ND | 0.00024 | | ND | ND | |
| 2055 | 11/25/1994 | 29 | 58.1 | ND | | 860 | | | | | | | 410 | | | 0.6 | | 15.3 | | ND | | ND | ND | |
| 2055 | 4/3/1995 | | | ND | | | | | | | | | | | | 1.13 | | 24 | | ND | | | | |
| 2055 | 4/20/1995 | 5 | 52 | | | 815 | | | | | | | 394 | | | | | | | | | ND | ND | |
| 2055 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| 2055 | 11/2/1995 | 8 | 47 | | | 784 | | | | | | | 376 | | | | | | | | | ND | ND | |
| 2055 | 11/3/1995 | | | ND | | | | | | ND | | | | | | 0.78 | ND | 22 | | ND | | | | ND |
| 2055 | 4/1/1996 | 5 | 50 | 0.01 | ND | 808 | | ND | 2.8 | ND | ND | ND | 366 | | ND | 1.79 | ND | 22 | | ND | ND | ND | ND | ND |
| 2055 | 11/1/1996 | 3 | 60 | ND | | 843 | | | | ND | | | 433 | | | 0.14 | ND | 31 | | ND | | ND | ND | ND |
| 2055 | 5/1/1997 | 5 | 57 | 0.02 | | 833 | | | 3.4 | ND | | | 408 | | | 0.83 | ND | 25 | | ND | | ND | ND | ND |
| 2055 | 10/1/1997 | 11 | 129 | ND | ND | 1076 | | ND | 2.3 | ND | ND | 0.0002 | 459 | | 0.0002 | 1.43 | ND | 32 | | ND | ND | ND | ND | ND |
| 2055 | 5/8/1998 | 5 | 128 | 0.01 | ND | 1060 | | ND | 3.2 | ND | ND | ND | 471 | | ND | 1.55 | ND | 33 | | ND | ND | ND | ND | ND |
| 2055 | 11/18/1998 | 13 | 89 | ND | | 1030 | | | | ND | | | 485 | | | 1.07 | ND | 34 | | ND | | ND | ND | ND |
| 2055 | 2/2/1999 | | 510 | 0.01 | | 2744 | | | 257 | ND | | | 921 | | | 3.66 | 0.0013 | 64 | 0.38 | ND | | ND | ND | ND |
| 2055 | 11/18/1999 | 13 | 89 | ND | | 1030 | | | | | | | 485 | | | 1.07 | | 34 | | ND | | ND | ND | |
| 2055 | 12/2/1999 | | | ND | | | | | | | | | | | | 1.4 | | 793 | | ND | | | | |
| 2055 | 12/3/1999 | 146 | 14400 | | ND | 47500 | | ND | ND | ND | ND | ND | 7200 | | ND | | ND | | | | ND | ND | ND | ND |
| 2055 | 5/26/2000 | 304 | 19400 | ND | ND | 43600 | | ND | 8.3 | ND | ND | ND | 6060 | | ND | 2.01 | ND | 647 | | ND | ND | ND | ND | ND |
| 2055 | 11/22/2000 | 1250 | 27700 | ND | ND | 68400 | | ND | ND | ND | ND | ND | 20400 | | ND | 7.45 | ND | 2320 | | ND | ND | ND | ND | ND |
| 2055 | 5/14/2001 | 952 | 29400 | ND | ND | 48000 | | ND | 3.6 | ND | ND | ND | 23800 | | ND | 3.26 | ND | 2600 | | ND | ND | ND | ND | ND |
| 2055 | 12/1/2001 | 1150 | 29500 | ND | ND | 64800 | | ND | 3.3 | ND | ND | ND | 17900 | | ND | 2.67 | ND | 1980 | | ND | ND | 0.14 | ND | ND |
| 2055 | 5/29/2002 | | 24000 | ND | ND | 53900 | | ND | 3.2 | ND | ND | ND | 16700 | | ND | 10.7 | ND | 1960 | | ND | ND | ND | ND | ND |
| 2055 | 11/21/2002 | 306 | 35900 | ND | ND | 78300 | | ND | 3.7 | ND | ND | ND | 23500 | | ND | 9.22 | ND | 2730 | | ND | ND | ND | ND | ND |
| 2055 | 5/29/2003 | < 50 | 22000 | < 0.005 | < 0.0002 | 50900 | | < 0.0001 | 3.3 | < 0.0005 | < 0.0001 | < 0.0001 | 14200 | < 0.0001 | | 21.5 | < 0.001 | 1610 | | < 0.05 | < 0.0001 | < 0.1 | < 0.1 | < 0.0005 |
| 2055 | 10/23/2003 | 1990 | 34500 | < 0.005 | < 0.0033 | | 75300 | < 0.0021 | 3 | < 0.0016 | < 0.0015 | < 0.001 | 23600 | < 0.0019 | | 12.5 | < 0.0034 | 2660 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| 2055 | 5/4/2004 | 2140 | 41700 | < 0.005 | < 0.0033 | | 77300 | < 0.0021 | 3.8 | < 0.0016 | < 0.0015 | < 0.001 | 27200 | < 0.0019 | | 4.94 | < 0.0034 | 3150 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| 2055 | 11/12/2004 | 2030 | 44100 | 0.004 | < 0.0033 | | 80000 | < 0.0021 | < 0.5 | < 0.0016 | < 0.0015 | < 0.001 | 31600 | < 0.0019 | | 3.12 | < 0.0034 | 3600 | 0.77 | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| 2055 | 5/3/2005 | 2360 | 42000 | < 0.005 | < 0.0033 | | 84100 | < 0.0021 | < 0.5 | < 0.0016 | < 0.0015 | < 0.001 | 25700 | < 0.0019 | | 3.18 | < 0.0034 | 2970 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| 2055 | 11/2/2005 | 1310 | 44100 | <0.005 | <0.0002 | | 72800 | <0.0002 | <5 | <0.0016 | <0.0002 | <0.0002 | 28800 | <0.0002 | | 4.3 | <0.0034 | 3300 | | <0.0001 | <0.0002 | <0.1 | <0.1 | <0.0027 |
| 2055 | 5/30/2006 | 2570 | 36159 | < 0.1 | < 0.0002 | | 78100 | < 0.0002 | < 0.5 | < 0.0005 | < 0.0002 | < 0.0002 | 23800 | < 0.0002 | | < 3 | < 0.001 | 2720 | < 1 | < 0.0001 | < 0.0002 | | | 0.0005 |
| 2055 | 11/16/2006 | 725 | 21700 | < 0.01 | < 0.0002 | | 52300 | < 0.0002 | 0.5 | < 0.0005 | < 0.0002 | < 0.0002 | 14100 | < 0.0002 | | 1.3 | < 0.001 | 1620 | | < 0.0001 | < 0.0002 | < 0.1 | < 0.1 | < 0.0005 |
| 2055 | 4/20/2007 | 1930 | 41200 | < 0.1 | < 0.0002 | | 86500 | < 0.0002 | < 5 | < 0.0005 | < 0.0002 | < 0.0002 | 25300 | < 0.0002 | | 4 | 0.0011 | 2930 | | < 0.0001 | < 0.0002 | < 10 | < 0.1 | 0.0009 |
| M10-1 | 6/19/1991 | 11 | 26 | ND | | 612 | | | | | | | 299 | | | ND | | 17.5 | ND | ND | | ND | ND | |
| M10-1 | 7/1/1991 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M10-1 | 10/8/1991 | 10 | 91 | ND | | 704 | | | | | | | 204 | | | 1.65 | | 16.2 | 0.47 | ND | | ND | ND | |
| M10-1 | 11/1/1991 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M10-1 | 7/1/1992 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M10-1 | 7/27/1992 | 10 | 25 | ND | | 680 | | | | | | | 332 | | | 0.04 | | 20 | 0.01 | ND | | ND | ND | |
| M10-1 | 5/1/1993 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M10-1 | 5/13/1993 | ND | 25 | ND | | 678 | | | | | | | 319 | | | 0.12 | | 20 | ND | ND | | ND | ND | |
| M10-1 | 7/1/1994 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M10-1 | 7/6/1994 | ND | 33.8 | ND | | 750 | | | | | | | 360 | | | 0.14 | | 19.4 | ND | ND | | ND | ND | |
| M10-1 | 4/20/1995 | 5 | 48 | ND | | 842 | | | | | | | 429 | | | 0.05 | | 24 | | ND | | ND | ND | |
| M10-1 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M10-1 | 4/1/1996 | 11 | 44 | ND | | 788 | | | 2.4 | ND | | | 384 | | | 0.11 | ND | 21 | | ND | | ND | ND | ND |
| M10-1 | 4/1/1997 | | | ND | | | | | | | | | | | | 0.35 | | 25 | | ND | | | | |
| M10-1 | 5/1/1997 | 6 | 50 | | | 820 | | | 2.1 | ND | | | 358 | | | | ND | | | | | ND | ND | ND |
| M10-1 | 5/8/1998 | 5 | 61 | ND | | 777 | | | 3.8 | ND | | | 421 | | | 0.07 | ND | 24 | | ND | | ND | ND | ND |
| M10-1 | 5/10/1999 | 13 | 145 | ND | | 1180 | | | | ND | | | 52 | | | 0.22 | ND | 38 | | ND | | ND | ND | ND |
| M10-1 | 12/3/1999 | 9 | 51 | ND | | 906 | | | 2.3 | ND | | | 349 | | | ND | ND | 32 | | ND | | ND | ND | ND |
| M10-1 | 5/24/2000 | 20 | 114 | ND | | 1210 | | | 4.6 | ND | | | 619 | | | 0.63 | ND | 38 | | ND | | ND | ND | ND |
| M10-1 | 5/14/2001 | 21 | 188 | ND | | 1450 | | | 5.6 | ND | | | 380 | | | 1.46 | ND | 42 | | ND | | ND | ND | ND |
| M10-1 | 6/18/2002 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M10-1 | 6/19/2002 | 11 | 156 | ND | | 1540 | | | 6.5 | | | | 668 | | | 2.96 | | 44 | | ND | | ND | ND | |
| M10-1 | 5/29/2003 | 25 | 215 | < 0.005 | | 1740 | | | 9.3 | < 0.0005 | | | 807 | | | 9.02 | < 0.001 | 48 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M10-1 | 5/4/2004 | 23 | 149 | < 0.005 | | | 1470 | | 8.1 | < 0.0016 | | | 611 | | | 15.2 | < 0.0034 | 41 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M10-1 | 5/4/2005 | 27 | 150 | 0.007 | | | 1390 | | 8.1 | < 0.0016 | | | 665 | | | 20.3 | < 0.0034 | 42 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M10-1 | 6/2/2006 | 16 | 143 | 0.004 | | | 1500 | | 8.9 | < 0.0005 | | | 628 | | | 21.6 | < 0.001 | 41 | 1.39 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M10-1 | 4/18/2007 | 39 | 160 | 0.003 | | | 1610 | | 11.1 | < 0.0005 | | | 622 | | | 25.9 | < 0.001 | 40 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M10-1 | 1/5/2008 | 27 | 120 | < 0.005 | | 1250 | | | 8.6 | < 0.0001 | | | 470 | | | 24 | < 0.0001 | 31 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| M10-2 | 7/1/1991 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M10-2 | 7/5/1991 | ND | 48 | ND | | 903 | | | | | | | 78 | | | 0.53 | | 6.8 | ND | ND | | ND | ND | |
| M10-2 | 10/8/1991 | 14 | 39 | | | 1575 | | | | | | | 138 | | | | | | | | | ND | ND | |
| M10-2 | 10/10/1991 | | | ND | | | | | | | | | | | | ND | | 12.9 | ND | ND | | | | |
| M10-2 | 11/1/1991 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M10-2 | 7/27/1992 | 10 | 48 | ND | | 1594 | | | | | | | 113 | | | ND | | 16 | 0.11 | ND | | 1.5 | ND | |
| M10-2 | 5/13/1993 | 5 | 30 | ND | | 954 | | | | | | | 216 | | | 0.11 | | 24 | 0.08 | ND | | 0.51 | 0.17 | |
| M10-2 | 7/1/1994 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M10-2 | 7/6/1994 | ND | 47.4 | ND | | 1350 | | | | | | | 98 | | | ND | | 9.51 | 0.04 | ND | | ND | ND | |
| M10-2 | 4/20/1995 | 5 | 38 | ND | | 1195 | | | | | | | 67 | | | 0.11 | | 9 | | ND | | ND | ND | |
| M10-2 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M10-2 | 4/1/1996 | 5 | 44 | 0.01 | | 1051 | | | 2.8 | ND | | | 136 | | | 0.74 | ND | 16 | | ND | | 0.2 | ND | ND |
| M10-2 | 4/1/1997 | | | ND | | | | | | | | | | | | 0.15 | | 20 | | ND | | | | |
| M10-2 | 5/1/1997 | | 34 | | | 998 | | | 2 | ND | | | 152 | | | | ND | | | | | ND | ND | ND |
| M10-2 | 5/8/1998 | 5 | 43 | ND | | 890 | | | 1.5 | ND | | | 142 | | | 0.09 | ND | 17 | | ND | | ND | ND | ND |
| M10-2 | 5/10/1999 | 3 | 43 | ND | | 902 | | | | ND | | | 195 | | | 0.7 | ND | 23 | | ND | | 0.28 | ND | ND |
| M10-2 | 5/24/2000 | 6 | 33 | ND | | 939 | | | 2.1 | ND | | | 204 | | | 0.5 | ND | 27 | | ND | | 0.55 | 0.18 | ND |
| M10-2 | 5/14/2001 | 8 | 40 | ND | | 942 | | | 1.8 | ND | | | 119 | | | 1.17 | ND | 15 | | ND | | ND | ND | ND |
| M10-2 | 6/18/2002 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M10-2 | 6/19/2002 | ND | 28 | ND | | 845 | | | 1.2 | | | | 118 | | | 0.92 | | 16 | | ND | | 0.31 | ND | |
| M10-2 | 5/29/2003 | < 5 | 50 | < 0.005 | | 1010 | | | 2.2 | < 0.0005 | | | 94 | | | 0.81 | < 0.001 | 12 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M10-2 | 5/4/2004 | 6 | 47 | < 0.005 | | | 935 | | 1.9 | < 0.0016 | | | 210 | | | 2.27 | < 0.0034 | 25 | | < 0.0001 | | 0.42 | < 0.1 | < 0.0027 |
| M10-2 | 5/4/2005 | < 5 | 38 | 0.002 | | | 818 | | 1.2 | < 0.0016 | | | 183 | | | 1.41 | < 0.0034 | 22 | | < 0.0001 | | 0.18 | < 0.1 | < 0.0027 |
| M10-2 | 6/2/2006 | < 5 | 26 | 0.002 | | | 761 | | 1.6 | < 0.0005 | | | 180 | | | < 0.03 | < 0.001 | 22 | 0.02 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M10-2 | 4/18/2007 | < 5 | 28 | < 0.001 | | | 794 | | 1 | < 0.0005 | | | 151 | | | 2.02 | < 0.001 | 19 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M10-2 | 1/5/2008 | 10 | 46 | < 0.005 | | 909 | | | 2.1 | < 0.0001 | | | 170 | | | < 0.1 | < 0.0001 | 22 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| M10-3 | 6/17/1991 | ND | 58 | ND | | 729 | | | | | | | 104 | | | 0.82 | | 7 | ND | ND | | ND | ND | |
| M10-3 | 7/1/1991 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M10-3 | 10/8/1991 | 23 | 36 | | | 801 | | | | | | | 158 | | | | | | | | | ND | ND | |
| M10-3 | 10/10/1991 | | | ND | | | | | | | | | | | | 0.46 | | 20.2 | ND | ND | | | | |
| M10-3 | 11/1/1991 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M10-3 | 7/29/1992 | 18 | 35 | 0.01 | | 1060 | | | | | | | 331 | | | 1.44 | | 33 | 0.19 | ND | | 0.75 | ND | |
| M10-3 | 5/13/1993 | ND | 26 | ND | | 720 | | | | | | | 306 | | | ND | | 24 | 0.04 | ND | | 0.22 | ND | |
| M10-3 | 4/20/1995 | 8 | 46 | 0.06 | | 943 | | | | | | | 211 | | | 0.03 | | 19 | | ND | | 1.88 | ND | |
| M10-3 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M10-3 | 4/1/1996 | 5 | 23 | 0.01 | | 789 | | | 2.1 | ND | | | 235 | | | 0.04 | ND | 25 | | | | 1.45 | ND | ND |
| M10-3 | 4/1/1997 | | | ND | | | | | | | | | | | | 1.45 | | 30 | | ND | | | | |
| M10-3 | 5/1/1997 | 6 | 21 | | | 599 | | | 1 | ND | | | 246 | | | | ND | | | | | ND | ND | ND |
| M10-3 | 5/8/1998 | 11 | 112 | ND | | 1650 | | | 1.8 | ND | | | 171 | | | 2.3 | ND | 21 | | ND | | 0.38 | ND | ND |
| M10-3 | 5/10/1999 | 8 | 34 | ND | | 638 | | | | ND | | | 308 | | | 1.6 | ND | 39 | | ND | | 0.1 | ND | ND |
| M10-3 | 5/14/2001 | 11 | 31 | ND | | 649 | | | 1.4 | ND | | | 222 | | | 0.87 | ND | 29 | | ND | | ND | ND | ND |
| M10-3 | 6/18/2002 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M10-3 | 6/19/2002 | ND | 32 | ND | | 669 | | | 1.3 | | | | 231 | | | 1.48 | | 30 | | ND | | ND | ND | |
| M10-3 | 5/29/2003 | < 5 | 25 | < 0.005 | | 669 | | | 1.1 | < 0.0005 | | | 232 | | | 1.07 | < 0.001 | 29 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M10-3 | 10/24/2003 | | | | | | | | | | | | | | | | | | | | | | | |
| M10-3 | 5/4/2004 | 5 | 26 | < 0.005 | | | 670 | | 1.1 | < 0.0016 | | | 246 | | | 0.26 | < 0.0034 | 30 | 0.01 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M10-3 | 5/4/2005 | < 5 | 24 | 0.002 | | | 637 | | < 0.5 | < 0.0016 | | | 248 | | | 0.05 | < 0.0034 | 31 | < 0.01 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M10-3 | 6/2/2006 | < 5 | 27 | 0.002 | | | 691 | | 1.3 | < 0.0005 | | | 268 | | | 0.7 | < 0.001 | 33 | 0.01 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M10-3 | 4/18/2007 | 12 | 22 | < 0.001 | | | 678 | | 1 | < 0.0005 | | | 232 | | | 0.14 | < 0.001 | 29 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M10-3 | 1/5/2008 | 21 | 54 | < 0.005 | | 915 | | | 2.3 | < 0.0001 | | | 290 | | | 0.48 | < 0.0001 | 35 | 0.053 | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| M12 | 6/21/1991 | ND | 39 | ND | | 561 | | | | | | | 168 | | | 0.39 | | 11.9 | ND | ND | | ND | ND | |
| M12 | 7/1/1991 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M12 | 7/24/1992 | 3 | 46 | | | 572 | | | | | | | 269 | | | | | | | | | 0.69 | ND | |
| M12 | 8/24/1992 | | | ND | | | | | | | | | | | | 0.02 | | 15 | ND | ND | | | | |
| M12 | 5/12/1993 | 5 | 34 | ND | | 567 | | | | | | | 233 | | | 0.03 | | 14 | ND | ND | | 2.65 | ND | |
| M12 | 7/1/1994 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M12 | 7/6/1994 | ND | 30.9 | ND | | 570 | | | | | | | 260 | | | ND | | 12.6 | ND | ND | | 2.16 | ND | |
| M12 | 4/20/1995 | 5 | 48 | ND | | 580 | | | | | | | 331 | | | 0.02 | | 16 | | ND | | 2.3 | ND | |
| M12 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M12 | 4/1/1996 | 5 | 33 | ND | | 614 | | | 2 | ND | | | 291 | | | 0.05 | 0.001 | 13 | | ND | | 2.85 | ND | 0.0008 |
| M12 | 4/1/1997 | | | ND | | | | | | | | | | | | 0.06 | | 18 | | ND | | | | |
| M12 | 5/1/1997 | 8 | 60 | | | 690 | | | 2.1 | ND | | | 292 | | | | ND | | | | | 20 | 1.2 | ND |
| M12 | 5/8/1998 | ND | 14 | ND | | 657 | | | 0.6 | ND | | | 351 | | | ND | ND | 18 | | ND | | 0.98 | ND | ND |
| M12 | 5/10/1999 | ND | 57 | ND | | 651 | | | | ND | | | 295 | | | ND | ND | 17 | | ND | | 0.64 | ND | ND |
| M12 | 5/24/2000 | 4 | 37 | ND | | 632 | | | 1.1 | ND | | | 312 | | | ND | ND | 17 | | ND | | 1.36 | ND | ND |
| M12 | 5/14/2001 | 5 | 15 | ND | | 622 | | | 1.5 | ND | | | 267 | | | 0.02 | ND | 15 | | ND | | 1.06 | ND | ND |
| M12 | 6/17/2002 | 9 | 18 | ND | | 783 | | | 1.5 | ND | | | 434 | | | ND | ND | 21 | | ND | | 0.85 | ND | ND |
| M12 | 5/27/2003 | < 5 | 20 | < 0.005 | | 723 | | | 1.1 | < 0.0005 | | | 349 | | | < 0.01 | < 0.001 | 18 | | < 0.0001 | | 0.76 | < 0.1 | < 0.0005 |
| M12 | 10/24/2003 | | | | | | | | | | | | | | | | | | | | | | | |
| M12 | 5/3/2004 | < 5 | 16 | < 0.005 | | | 776 | | 1.4 | < 0.0016 | | | 379 | | | 0.03 | < 0.0034 | 18 | < 0.01 | < 0.0001 | | 0.76 | < 0.1 | < 0.0027 |
| M12 | 5/2/2005 | < 5 | 11 | 0.001 | | | 665 | | 0.9 | < 0.0016 | | | 321 | | | 0.02 | < 0.0034 | 15 | < 0.01 | < 0.0001 | | 0.42 | < 0.1 | < 0.0027 |
| M12 | 5/30/2006 | < 5 | 12 | < 0.001 | | | 720 | | 2.2 | < 0.0005 | | | 370 | | | < 0.03 | < 0.001 | 17 | < 0.01 | < 0.0001 | | 0.52 | < 0.1 | < 0.0005 |
| M12 | 4/18/2007 | < 5 | 13 | 0.001 | | | 758 | | 1.7 | < 0.0005 | | | 366 | | | < 0.03 | < 0.001 | 18 | | < 0.0001 | | 0.64 | < 0.1 | < 0.0005 |
| M12 | 4/29/2008 | < 4 | 7 | < 0.005 | | 582 | | | 1.1 | < 0.0001 | | | 290 | | | < 0.1 | < 0.0001 | 16 | < 0.002 | < 0.0002 | | 0.8 | < 0.01 | < 0.0001 |
| M14 | 6/21/1991 | ND | 14.6 | ND | | 602 | | | | | | | 176 | | | 0.88 | | 13.1 | ND | ND | | 2.1 | ND | |
| M14 | 7/1/1991 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M14 | 7/24/1992 | 5 | 3 | | | 560 | | | | | | | 219 | | | | | | | | | 0.85 | ND | |
| M14 | 8/24/1992 | | | ND | | | | | | | | | | | | ND | | 21 | ND | ND | | | | |
| M14 | 5/12/1993 | 8 | 7 | ND | | 535 | | | | | | | 185 | | | 0.03 | | 17 | ND | ND | | 1.81 | ND | |
| M14 | 7/6/1994 | ND | 20.6 | ND | | 600 | | | | | | | 240 | | | ND | | 14 | ND | ND | | 2.69 | | |
| M14 | 4/20/1995 | 3 | 26 | ND | | 585 | | | | | | | 232 | | | 0.02 | | 17 | | ND | | 1.73 | ND | |
| M14 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M14 | 4/1/1996 | 5 | 21 | ND | | 536 | | | 2 | ND | | | 240 | | | 0.05 | 0.001 | 20 | | ND | | 1.53 | ND | 0.0008 |
| M14 | 4/1/1997 | | | ND | | | | | | | | | | | | 0.06 | | 24 | | ND | | | | |
| M14 | 5/1/1997 | | 38 | | | 656 | | | 1.1 | ND | | | 254 | | | | ND | | | | | 1.92 | ND | ND |
| M14 | 5/8/1998 | ND | 47 | ND | | 657 | | | ND | ND | | | 290 | | | ND | ND | 25 | | ND | | 2.21 | ND | ND |
| M14 | 5/10/1999 | ND | 58 | ND | | 699 | | | | ND | | | 294 | | | ND | ND | 27 | | ND | | 2.39 | ND | ND |
| M14 | 12/3/1999 | 7 | 66 | ND | | 799 | | | 1.1 | ND | | | 342 | | | ND | ND | 26 | | ND | | 2.95 | ND | ND |
| M14 | 5/24/2000 | ND | 87 | ND | | 700 | | | 1.1 | ND | | | 309 | | | ND | ND | 29 | | ND | | 3.77 | ND | ND |
| M14 | 5/14/2001 | 11 | 82 | ND | | 745 | | | 1.2 | ND | | | 416 | | | ND | ND | 28 | | ND | | 3.41 | ND | ND |
| M14 | 6/17/2002 | 6 | 100 | ND | | 890 | | | 1 | ND | | | 372 | | | ND | ND | 31 | | ND | | 2.71 | ND | ND |
| M14 | 5/27/2003 | < 5 | 150 | < 0.005 | | 966 | | | 0.8 | < 0.0005 | | | 412 | | | < 0.01 | < 0.001 | 34 | | < 0.0001 | | 3.89 | < 0.1 | < 0.0005 |
| M14 | 10/24/2003 | | | | | | | | | | | | | | | | | | | | | | | |
| M14 | 5/3/2004 | < 5 | 155 | < 0.005 | | | 1050 | | < 0.5 | < 0.0016 | | | 467 | | | 0.03 | < 0.0034 | 37 | < 0.01 | < 0.0001 | | 4.72 | < 0.1 | < 0.0027 |
| M14 | 5/2/2005 | < 5 | 132 | 0.002 | | | 995 | | 0.8 | < 0.0016 | | | 471 | | | < 0.01 | < 0.0034 | 38 | < 0.01 | < 0.0001 | | 3.98 | < 0.1 | < 0.0027 |
| M14 | 5/30/2006 | < 5 | 106 | 0.002 | | | 956 | | 1.5 | < 0.0005 | | | 440 | | | < 0.03 | < 0.001 | 34 | < 0.01 | < 0.0001 | | 2.81 | < 0.1 | < 0.0005 |
| M14 | 4/18/2007 | < 5 | 60 | 0.002 | | | 840 | | 1.9 | < 0.0005 | | | 366 | | | < 0.03 | < 0.001 | 30 | | < 0.0001 | | 1.93 | < 0.1 | < 0.0005 |
| M14 | 4/29/2008 | < 4 | 31 | < 0.005 | | 758 | | | 1.6 | < 0.0001 | | | 330 | | | < 0.1 | < 0.0001 | 29 | < 0.002 | < 0.0002 | | 1.1 | < 0.01 | < 0.0001 |
| M19 | 6/21/1991 | ND | 53 | ND | | 706 | | | | | | | 297 | | | ND | | 28 | ND | ND | | 10.3 | ND | |
| M19 | 7/1/1991 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M19 | 7/24/1992 | 8 | 24 | | | 689 | | | | | | | 324 | | | | | | | | | 14.48 | ND | |
| M19 | 8/24/1992 | | | ND | | | | | | | | | | | | 0.03 | | 41 | ND | ND | | | | |
| M19 | 5/12/1993 | 5 | 26 | 0.03 | | 711 | | | | | | | 303 | | | ND | | 40 | ND | ND | | 19.45 | ND | |
| M19 | 7/1/1994 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M19 | 7/6/1994 | ND | 24.5 | ND | | 770 | | | | | | | 350 | | | ND | | 36.1 | ND | ND | | 14.3 | ND | |
| M19 | 4/20/1995 | 3 | 19 | ND | | 684 | | | | | | | 376 | | | 0.03 | | 39 | | ND | | 11.8 | ND | |
| M19 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M19 | 4/1/1996 | 5 | 17 | 3.05 | | 657 | | | 2 | ND | | | 329 | | | 0.06 | ND | 34 | | ND | | 8.63 | ND | ND |
| M19 | 4/1/1997 | | | 0.11 | | | | | | | | | | | | | | | | ND | | | | |
| M19 | 5/1/1997 | | 17 | | | 635 | | | 0.7 | ND | | | 342 | | | | ND | | | | | 5.93 | ND | ND |
| M19 | 5/8/1998 | 5 | 11 | ND | | 597 | | | 0.8 | ND | | | 287 | | | ND | ND | 34 | | ND | | 3.93 | ND | ND |
| M19 | 5/10/1999 | ND | 9 | ND | | 592 | | | | ND | | | 317 | | | ND | ND | 34 | | ND | | 3.16 | ND | ND |
| M19 | 5/24/2000 | | | ND | | | | | | | | | | | | ND | | 33 | | ND | | | | |
| M19 | 5/25/2000 | ND | 10 | | | 597 | | | 1.5 | ND | | | 313 | | | | ND | | | | | 2.61 | 0.14 | ND |
| M19 | 5/14/2001 | ND | 11 | ND | | 575 | | | 1.2 | ND | | | 266 | | | 0.05 | ND | 30 | | ND | | 1.98 | ND | ND |
| M19 | 6/17/2002 | 9 | 8 | ND | | 610 | | | 0.7 | ND | | | 336 | | | ND | ND | 33 | | ND | | 1.77 | ND | ND |
| M19 | 5/27/2003 | < 5 | 7 | < 0.005 | | 635 | | | < 0.5 | < 0.0005 | | | 319 | | | < 0.01 | < 0.001 | 32 | | < 0.0001 | | 1.56 | < 0.1 | < 0.0005 |
| M19 | 5/4/2004 | < 5 | 10 | < 0.001 | | | 697 | | < 0.5 | < 0.0016 | | | 391 | | | 0.02 | < 0.0034 | 38 | | < 0.0001 | | 1.14 | < 0.1 | < 0.0027 |
| M19 | 5/2/2005 | < 5 | 11 | 0.002 | | | 751 | | 0.5 | < 0.0016 | | | 406 | | | < 0.01 | < 0.0034 | 41 | | < 0.0001 | | 1.08 | < 0.1 | < 0.0027 |
| M19 | 5/30/2006 | < 5 | 11 | < 0.001 | | | 760 | | 1.2 | < 0.0005 | | | 424 | | | < 0.03 | < 0.001 | 41 | < 0.01 | < 0.0001 | | 0.95 | < 0.1 | < 0.0005 |
| M19 | 4/18/2007 | < 5 | 20 | 0.001 | | | 810 | | 0.9 | < 0.0005 | | | 417 | | | < 0.03 | < 0.001 | 40 | | < 0.0001 | | 0.69 | < 0.1 | < 0.0005 |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M19 | 4/29/2008 | < 4 | 23 | < 0.005 | | 802 | | | 0.7 | < 0.0001 | | | 410 | | | < 0.1 | < 0.0001 | 41 | | < 0.0002 | | 0.4 | < 0.01 | < 0.0001 |
| M23 | 7/1/1991 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M23 | 7/2/1991 | 14 | 19.3 | ND | | 623 | | | | | | | 274 | | | ND | | 23 | 0.13 | ND | | 4.3 | ND | |
| M23 | 7/27/1992 | 5 | 4 | ND | | 653 | | | | | | | 303 | | | 0.84 | | 31 | 0.05 | ND | | 5.26 | ND | |
| M23 | 5/1/1993 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M23 | 5/12/1993 | ND | 6 | ND | | 647 | | | | | | | 297 | | | 0.03 | | 26 | 0.02 | ND | | 6.98 | ND | |
| M23 | 7/6/1994 | 14 | 7.61 | | | 700 | | | | | | | 370 | | | | | | | ND | | 4.88 | | |
| M23 | 4/20/1995 | 5 | 7 | ND | | 674 | | | | | | | 376 | | | 0.24 | | 27 | | ND | | 8.12 | ND | |
| M23 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M23 | 4/1/1996 | ND | 7 | ND | | 669 | | | 1.8 | ND | | | 369 | | | 0.07 | ND | 24 | | ND | | 14.4 | ND | ND |
| M23 | 4/1/1997 | | | ND | | | | | | | | | | | | 0.01 | | 25 | | ND | | | | |
| M23 | 5/1/1997 | | 7 | | | 679 | | | 0.8 | ND | | | 350 | | | | ND | | | | | 10.2 | ND | ND |
| M23 | 5/8/1998 | 5 | 8 | ND | | 631 | | | 0.9 | ND | | | 353 | | | 0.05 | ND | 25 | | ND | | 12.3 | ND | ND |
| M23 | 5/10/1999 | ND | 16 | ND | | 670 | | | | ND | | | 356 | | | 1.6 | ND | 24 | | ND | | 8.64 | ND | ND |
| M23 | 5/24/2000 | 5 | 7 | ND | | 556 | | | 0.6 | ND | | | 360 | | | 0.06 | ND | 24 | | ND | | 9.88 | ND | ND |
| M23 | 5/14/2001 | 5 | 8 | 0.01 | | 597 | | | 1 | ND | | | 330 | | | 0.01 | ND | 23 | | ND | | 9.77 | ND | ND |
| M23 | 6/17/2002 | 5 | 10 | ND | | 657 | | | 0.8 | ND | | | 354 | | | 0.15 | ND | 23 | | ND | | 5.74 | ND | ND |
| M23 | 5/27/2003 | < 5 | 8 | < 0.005 | | 632 | | | 0.6 | < 0.0005 | | | 328 | | | < 0.01 | < 0.001 | 22 | | < 0.0001 | | 5.1 | < 0.1 | < 0.0005 |
| M23 | 5/3/2004 | < 5 | 6 | < 0.005 | | | 629 | | 0.8 | < 0.0016 | | | 345 | | | < 0.01 | < 0.0034 | 22 | | < 0.0001 | | 3.56 | < 0.1 | < 0.0027 |
| M23 | 5/2/2005 | < 5 | 4 | 0.001 | | | 612 | | 0.6 | < 0.0016 | | | 359 | | | < 0.01 | < 0.0034 | 24 | | < 0.0001 | | 2.37 | < 0.1 | < 0.0027 |
| M23 | 5/30/2006 | < 5 | 5 | < 0.001 | | | 614 | | 1 | < 0.0005 | | | 349 | | | < 0.03 | < 0.001 | 23 | < 0.01 | < 0.0001 | | 1.78 | < 0.1 | < 0.0005 |
| M23 | 4/18/2007 | < 5 | 3 | 0.001 | | | 638 | | 1 | < 0.0005 | | | 339 | | | < 0.03 | < 0.001 | 23 | | < 0.0001 | | 1.12 | < 0.1 | < 0.0005 |
| M23 | 4/29/2008 | 9 | 6 | < 0.005 | | 661 | | | 0.8 | < 0.0001 | | | 370 | | | < 0.1 | < 0.0001 | 25 | | < 0.0002 | | 1 | < 0.01 | < 0.0001 |
| M28 | 7/1/1991 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M28 | 7/3/1991 | 10 | 3.8 | ND | | 529 | | | | | | | 1162 | | | 0.37 | | 175 | ND | ND | | ND | ND | |
| M28 | 7/27/1992 | 5 | ND | ND | | 582 | | | | | | | 271 | | | ND | | 36 | 0.03 | ND | | 0.32 | ND | |
| M28 | 5/13/1993 | ND | 1 | ND | | 551 | | | | | | | 294 | | | ND | | 35 | ND | ND | | 0.28 | ND | |
| M28 | 7/1/1994 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M28 | 7/6/1994 | | | ND | | | | | | | | | | | | ND | | 34.5 | ND | ND | | | | |
| M28 | 4/20/1995 | 3 | 2 | ND | | 569 | | | | | | | 324 | | | ND | | 35 | | ND | | 0.38 | ND | |
| M28 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M28 | 4/1/1996 | 5 | 2 | ND | | 576 | | | 1.6 | ND | | | 286 | | | 0.08 | ND | 30 | | ND | | 0.44 | ND | ND |
| M28 | 4/1/1997 | | | ND | | | | | | | | | | | | ND | | 38 | | ND | | | | |
| M28 | 5/1/1997 | | 3 | | | 557 | | | 0.7 | ND | | | 314 | | | | ND | | | | | 0.3 | ND | ND |
| M28 | 5/8/1998 | ND | 2 | ND | | 556 | | | ND | ND | | | 318 | | | ND | ND | 36 | | ND | | 0.39 | ND | ND |
| M28 | 5/11/1999 | ND | 2 | ND | | 523 | | | | ND | | | 356 | | | 0.4 | ND | 88 | | ND | | 0.93 | ND | ND |
| M28 | 5/24/2000 | | | ND | | | | | | | | | | | | ND | | 33 | | ND | | | | |
| M28 | 5/25/2000 | 7 | 2 | | | 547 | | | 1.8 | ND | | | 306 | | | | ND | | | | | 0.8 | ND | ND |
| M28 | 5/14/2001 | 11 | 5 | ND | | 526 | | | 1 | ND | | | 290 | | | 0.01 | ND | 28 | | ND | | 0.67 | ND | ND |
| M28 | 6/17/2002 | ND | 3 | ND | | 570 | | | 0.5 | ND | | | 295 | | | ND | ND | 31 | | ND | | 0.68 | ND | ND |
| M28 | 5/27/2003 | < 5 | 19 | < 0.005 | | 586 | | | 1 | < 0.0005 | | | 314 | | | < 0.01 | < 0.001 | 32 | | < 0.0001 | | 0.69 | < 0.1 | < 0.0005 |
| M28 | 5/3/2004 | < 5 | 37 | < 0.005 | | | 633 | | 0.7 | < 0.0016 | | | 329 | | | 0.03 | < 0.0034 | 35 | | < 0.0001 | | 0.74 | < 0.1 | < 0.0027 |
| M28 | 5/2/2005 | < 5 | 43 | 0.002 | | | 646 | | 0.8 | < 0.0016 | | | 359 | | | < 0.01 | < 0.0034 | 38 | | < 0.0001 | | 0.88 | < 0.1 | < 0.0027 |
| M28 | 5/30/2006 | < 5 | 38 | 0.002 | | | 652 | | 1.8 | < 0.0005 | | | 346 | | | < 0.03 | < 0.001 | 36 | < 0.01 | < 0.0001 | | 0.9 | < 0.1 | < 0.0005 |
| M28 | 4/18/2007 | < 5 | 27 | 0.002 | | | 616 | | 1.2 | < 0.0005 | | | 302 | | | < 0.03 | < 0.001 | 32 | | < 0.0001 | | 1 | < 0.1 | < 0.0005 |
| M28 | 4/29/2008 | 10 | 33 | < 0.005 | | 633 | | | 1 | < 0.0001 | | | 330 | | | < 0.1 | < 0.0001 | 35 | | < 0.0002 | | 0.6 | < 0.01 | < 0.0001 |
| M29 | 7/1/1991 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M29 | 7/5/1991 | 10 | 23 | ND | | 319 | | | | | | | 96 | | | 0.21 | | 4.6 | ND | ND | | ND | ND | |
| M29 | 7/24/1992 | 8 | 1 | | | 590 | | | | | | | 230 | | | | | | | | | ND | ND | |
| M29 | 8/24/1992 | | | ND | | | | | | | | | | | | 1.24 | | 26 | 0.17 | ND | | | | |
| M29 | 5/13/1993 | 4 | 2 | ND | | 626 | | | | | | | 258 | | | 0.84 | | 28 | 0.15 | ND | | 0.1 | ND | |
| M29 | 5/15/2001 | ND | 106 | ND | | 983 | | | 2 | ND | | | 279 | | | 0.24 | ND | 29 | | 0.0001 | | ND | ND | ND |
| M29 | 5/27/2003 | < 5 | 143 | < 0.005 | | 1110 | | | 4.3 | < 0.0005 | | | 431 | | | 0.05 | < 0.001 | 38 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M29 | 5/4/2004 | | | 0.002 | | | | | | | | | 7 | | | 0.02 | | < 1 | | < 0.0001 | | | | |
| M31 | 7/1/1991 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M31 | 7/5/1991 | ND | 31 | ND | | 680 | | | | | | | 191 | | | ND | | 24 | 0.07 | ND | | ND | ND | |
| M31 | 8/7/1991 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M31 | 7/24/1992 | ND | 7 | | | 602 | | | | | | | 311 | | | | | | | | | ND | ND | |
| M31 | 7/29/1992 | | | | | | | | | | | | | | | | | | | | | | | |
| M31 | 8/24/1992 | | | 0.01 | | | | | | | | | | | | 0.41 | | 27 | 0.25 | ND | | | | |
| M31 | 5/13/1993 | ND | 3 | ND | | 637 | | | | | | | 326 | | | 0.16 | | 30 | 0.08 | ND | | 0.1 | ND | |
| M31 | 7/6/1994 | ND | 11.4 | ND | | 690 | | | | | | | 300 | | | 0.017 | | 24.5 | 0.06 | ND | | ND | ND | |
| M31 | 4/20/1995 | 3 | 3 | ND | | 643 | | | | | | | 332 | | | ND | | 26 | | ND | | 0.17 | ND | |
| M31 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M31 | 5/8/1998 | 15 | 4 | 0.02 | | 669 | | | 3.3 | ND | | | 230 | | | ND | ND | 17 | | ND | | 0.15 | ND | ND |
| M31 | 5/10/1999 | ND | 10 | ND | | 677 | | | | ND | | | 238 | | | ND | ND | 19 | | ND | | ND | ND | ND |
| M31 | 5/15/2000 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M31 | 5/25/2000 | 8 | 56 | ND | | 772 | | | 2.7 | | | | 323 | | | 0.17 | | 30 | | ND | | 0.2 | ND | |
| M35 | 7/1/1991 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M35 | 7/4/1991 | 29 | 93 | ND | | 1229 | | | | | | | 395 | | | ND | | 53 | 0.11 | ND | | ND | ND | |
| M35 | 7/24/1992 | 10 | 11 | | | 1070 | | | | | | | 421 | | | | | | | | | ND | ND | |
| M35 | 8/24/1992 | | | ND | | | | | | | | | | | | 4.52 | | 81 | 0.53 | ND | | | | |
| M35 | 5/13/1993 | 5 | 1 | 0.07 | | 883 | | | | | | | 437 | | | 0.15 | | 82 | 0.27 | ND | | ND | ND | |
| M35 | 7/1/1994 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M35 | 7/6/1994 | ND | 14.5 | ND | | 1020 | | | | | | | 560 | | | 0.29 | | 99.4 | 0.09 | ND | | 2.46 | 1.98 | |
| M35 | 4/20/1995 | 3 | 4 | 0.02 | | 955 | | | | | | | 483 | | | ND | | 90 | | ND | | 0.11 | ND | |
| M35 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M35 | 4/1/1996 | 5 | 3 | 0.02 | | 942 | | | 2.2 | ND | | | 479 | | | 0.03 | ND | 94 | | ND | | 0.17 | ND | ND |
| M35 | 4/1/1997 | | | 0.02 | | | | | | | | | | | | 0.18 | | 98 | | ND | | | | |
| M35 | 5/1/1997 | 25 | 5 | | | 937 | | | 1.2 | ND | | | 511 | | | | ND | | | | | ND | ND | ND |
| M35 | 5/8/1998 | 5 | 4 | ND | | 1020 | | | 2 | ND | | | 503 | | | ND | ND | 104 | | ND | | 0.15 | ND | ND |
| M35 | 5/10/1999 | ND | 4 | ND | | 1010 | | | | ND | | | 531 | | | ND | ND | 106 | | ND | | 0.28 | ND | ND |
| M35 | 5/25/2000 | 5 | 19 | ND | | 1020 | | | 2.4 | ND | | | 551 | | | 0.02 | ND | 106 | | ND | | 0.15 | ND | ND |
| M35 | 5/14/2001 | 11 | 14 | ND | | 955 | | | 2.6 | ND | | | 482 | | | ND | ND | 94 | | ND | | ND | ND | ND |
| M35 | 6/17/2002 | 6 | 15 | ND | | 1100 | | | 1.7 | ND | | | 396 | | | ND | ND | 78 | | ND | | 0.2 | ND | ND |
| M35 | 5/27/2003 | < 5 | 13 | < 0.005 | | 1040 | | | 1.4 | < 0.0005 | | | 480 | | | < 0.01 | < 0.001 | 99 | | < 0.0001 | | 0.19 | < 0.1 | < 0.0005 |
| M35 | 5/3/2004 | < 5 | 14 | < 0.005 | | | 1050 | | 1.1 | < 0.0016 | | | 491 | | | 0.01 | < 0.0034 | 104 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M35 | 5/2/2005 | 5 | 17 | 0.001 | | | 978 | | 1.1 | < 0.0016 | | | 515 | | | 0.02 | < 0.0034 | 105 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M35 | 5/30/2006 | < 5 | 25 | < 0.001 | | | 1130 | | 1.4 | < 0.0005 | | | 545 | | | < 0.03 | < 0.001 | 108 | < 0.01 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M35 | 4/18/2007 | < 5 | 24 | 0.001 | | | 1090 | | 1.5 | < 0.0005 | | | 476 | | | < 0.03 | < 0.001 | 101 | | < 0.0001 | | 0.1 | < 0.1 | < 0.0005 |
| M35 | 4/29/2008 | < 4 | 28 | < 0.005 | | 1080 | | | 1.2 | < 0.0001 | | | 490 | | | < 0.1 | < 0.0001 | 110 | | < 0.0002 | | 0.1 | < 0.01 | < 0.0001 |
| M39 | 5/13/1993 | 10 | 5 | ND | | 997 | | | | | | | 376 | | | 0.06 | | 38 | ND | ND | | 0.12 | ND | |
| M39 | 7/1/1994 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M39 | 7/6/1994 | ND | | | | | | | | | | | | | | | | | | | | | | |
| M39 | 4/20/1995 | 10 | ND | 0.34 | | 973 | | | | | | | 373 | | | 0.01 | | 39 | | ND | | 0.33 | ND | |
| M39 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M39 | 4/1/1996 | 21 | 4 | 0.03 | | 940 | | | 6.1 | ND | | | 338 | | | 0.03 | ND | 36 | | ND | | ND | ND | ND |
| M39 | 5/8/1998 | 15 | 7 | ND | | 985 | | | 4.2 | ND | | | 385 | | | ND | ND | 45 | | ND | | ND | ND | ND |
| M39 | 5/30/2000 | 8 | 23 | ND | | 4000 | | | 2.4 | ND | | | 285 | | | 0.05 | ND | 34 | | ND | | ND | ND | ND |
| M39 | 5/14/2001 | 11 | 9 | 0.04 | | 808 | | | 2.2 | ND | | | 344 | | | 0.02 | ND | 38 | | ND | | ND | ND | ND |
| M39 | 6/17/2002 | 10 | 7 | ND | | 973 | | | 2.8 | ND | | | 306 | | | 0.01 | ND | 36 | | ND | | ND | ND | ND |
| M39 | 5/27/2003 | < 5 | 2 | < 0.005 | | 913 | | | 2.3 | < 0.0005 | | | 166 | | | 0.02 | < 0.001 | 21 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M39 | 5/3/2004 | < 5 | 4 | < 0.005 | | | 1020 | | 1.8 | < 0.0016 | | | 249 | | | 0.03 | < 0.0034 | 29 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M39 | 5/2/2005 | < 5 | 3 | < 0.001 | | | 934 | | 0.9 | < 0.0016 | | | 306 | | | 0.03 | < 0.0034 | 35 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M39 | 4/18/2007 | 5 | 4 | 0.001 | | | 944 | | 2.7 | < 0.0005 | | | 268 | | | 0.08 | < 0.001 | 33 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M3A-1 | 7/1/1992 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M3A-1 | 7/27/1992 | 21 | 9 | ND | | 681 | | | | | | | 156 | | | 0.46 | | 21 | 0.05 | ND | | ND | ND | |
| M3A-1 | 5/13/1993 | 8 | | | | | | | | | | | | | | | | | | | | | | |
| M3A-1 | 5/17/1993 | | 9 | ND | | 668 | | | | | | | 162 | | | 0.37 | | 20 | ND | ND | | 0.15 | ND | |
| M3A-1 | 7/6/1994 | | | ND | | | | | | | | | | | | 0.97 | | 15.1 | ND | ND | | | | |
| M3A-1 | 4/20/1995 | 3 | 10 | ND | | 656 | | | | | | | 146 | | | 0.27 | | 19 | | ND | | ND | ND | |
| M3A-1 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M3A-1 | 4/1/1996 | ND | 13 | 0.1 | | 643 | | | 1.5 | ND | | | 131 | | | 0.16 | ND | 13 | | ND | | ND | ND | ND |
| M3A-1 | 4/1/1997 | | | ND | | | | | | | | | | | | 0.37 | | 17 | | ND | | | | |
| M3A-1 | 5/1/1997 | 8 | 9 | | | 628 | | | 2 | ND | | | 132 | | | | ND | | | | | ND | ND | ND |
| M3A-1 | 5/8/1998 | 11 | 10 | ND | | 683 | | | ND | ND | | | 147 | | | 0.06 | ND | 19 | | ND | | ND | ND | ND |
| M3A-1 | 5/11/1999 | 14 | 11 | ND | | 654 | | | | ND | | | 156 | | | 0.15 | ND | 19 | | ND | | ND | ND | ND |
| M3A-1 | 5/26/2000 | 8 | 8 | ND | | 675 | | | 1.5 | | | | 128 | | | 0.04 | | 16 | | ND | | ND | ND | |
| M3A-1 | 5/16/2001 | 11 | 11 | ND | | 655 | | | 1.5 | ND | | | 117 | | | 0.04 | ND | 15 | | ND | | ND | ND | ND |
| M3A-1 | 6/18/2002 | 18 | 12 | ND | | 712 | | | 1.1 | ND | | | 100 | | | 0.02 | ND | 11 | | ND | | ND | ND | ND |
| M3A-1 | 5/28/2003 | < 5 | 15 | < 0.005 | | 661 | | | < 0.5 | < 0.0005 | | | 114 | | | 0.04 | < 0.001 | 15 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M3A-1 | 5/6/2004 | < 5 | 13 | < 0.001 | | | 676 | | < 2.5 | < 0.0016 | | | 112 | | | 0.03 | < 0.0034 | 15 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M3A-1 | 5/4/2005 | < 5 | 15 | 0.001 | | | 650 | | < 0.5 | < 0.0016 | | | 126 | | | 0.02 | < 0.0034 | 16 | | | | < 0.1 | < 0.1 | < 0.0027 |
| M3A-1 | 6/2/2006 | 19 | 19 | 0.002 | | | 665 | | 2.3 | < 0.0005 | | | 117 | | | 0.03 | < 0.001 | 15 | < 0.01 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M3A-1 | 4/19/2007 | 8 | 22 | < 0.001 | | | 711 | | 1.5 | < 0.0005 | | | 147 | | | 0.91 | < 0.001 | 18 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M3A-1 | 4/29/2008 | 9 | 27 | < 0.005 | | 689 | | | 0.8 | < 0.0001 | | | 150 | | | < 0.1 | < 0.0001 | 19 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| M3A-2 | 7/27/1992 | 21 | 11 | ND | | 757 | | | | | | | 124 | | | 1.67 | | 15 | 0.06 | ND | | ND | ND | |
| M3A-2 | 5/13/1993 | 8 | | | | | | | | | | | | | | | | | | | | | | |
| M3A-2 | 5/17/1993 | | 21 | ND | | 986 | | | | | | | 152 | | | 0.17 | | 17 | ND | ND | | 0.73 | ND | |
| M3A-2 | 7/6/1994 | | | ND | | | | | | | | | | | | 17.2 | | ND | ND | ND | | | | |
| M3A-2 | 4/20/1995 | 3 | 37 | ND | | 1534 | | | | | | | 173 | | | 0.03 | | 19 | | ND | | 2.05 | ND | |
| M3A-2 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M3A-2 | 5/8/1998 | 10 | 88 | ND | | 2120 | | | 3.2 | ND | | | 245 | | | 3.58 | ND | 26 | | ND | | 9.41 | ND | ND |
| M3A-2 | 5/6/2004 | < 5 | 10 | < 0.001 | | | 471 | | < 2.5 | < 0.0016 | | | 36 | | | < 0.01 | < 0.0034 | 4 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M3A-3 | 7/27/1992 | 62 | 16 | 0.02 | | 2061 | | | | | | | 175 | | | ND | | ND | ND | ND | | ND | ND | |
| M3A-3 | 5/13/1993 | 50 | 4 | | | 1306 | | | | | | | 20 | | | | | | | | | 0.2 | ND | |
| M3A-3 | 5/17/1993 | | | ND | | | | | | | | | | | | 0.09 | | ND | ND | ND | | | | |
| M3A-3 | 7/1/1994 | | | | | | | | | ND | | | | | | | 0.00191 | | | | | | | 0.00075 |
| M3A-3 | 7/6/1994 | 7 | | ND | | | | | | | | | | | | 0.07 | | 0.12 | ND | ND | | | | |
| M3A-3 | 4/20/1995 | 3 | 7 | ND | | 488 | | | | | | | 28 | | | 0.08 | | 2 | | ND | | ND | ND | |
| M3A-3 | 4/21/1995 | | | | | | | | | ND | | | | | | | 0.0011 | | | | | | | ND |
| M3A-3 | 4/1/1996 | 29 | 9 | ND | | 561 | | | 5.7 | ND | | | 66 | | | 0.34 | ND | 7 | | ND | | ND | ND | 0.0005 |
| M3A-3 | 4/1/1997 | | | 0.02 | | | | | | | | | | | | 0.33 | | 5 | | ND | | | | |
| M3A-3 | 5/1/1997 | 14 | 4 | | | 440 | | | 0.9 | ND | | | 48 | | | | ND | | | | | ND | ND | ND |
| M3A-3 | 5/8/1998 | 11 | 8 | ND | | 504 | | | 2.3 | ND | | | 88 | | | 0.07 | ND | 11 | | ND | | 0.7 | 0.4 | ND |
| M3A-3 | 5/10/1999 | 7 | 11 | ND | | 499 | | | | ND | | | 156 | | | ND | ND | 16 | | ND | | 0.28 | ND | ND |
| M3A-3 | 5/26/2000 | 13 | 6 | ND | | 497 | | | 2.1 | | | | 194 | | | 0.39 | | 32 | | ND | | 0.7 | ND | |
| M3A-3 | 5/16/2001 | 16 | 5 | ND | | 481 | | | 5.7 | ND | | | 5 | | | 0.05 | ND | ND | | ND | | 0.54 | 0.36 | ND |
| M3A-3 | 6/18/2002 | 15 | 5 | ND | | 472 | | | 2.6 | ND | | | 32 | | | 0.01 | ND | 4 | | ND | | 0.13 | ND | ND |
| M4-1 | 6/25/1991 | 1180 | 373 | | | 2258 | | | | | | | 650 | | | | | | | | | ND | ND | |
| M4-1 | 7/1/1991 | | | | | | | | | 0.003 | | | | | | | 0.01 | | | | | | | 0.005 |
| M4-1 | 10/25/1991 | | | 0.065 | | | | | | | | | | | | 0.19 | | 72 | 0.14 | ND | | | | |
| M4-1 | 4/20/1995 | 23 | 247 | ND | | 2112 | | | | | | | 285 | | | 0.04 | | 34 | | ND | | 1.1 | ND | |
| M4-1 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M4-1 | 5/12/1999 | 10 | 310 | ND | | 2540 | | | | ND | | | 363 | | | ND | ND | 45 | | ND | | 4.16 | ND | ND |
| M4-2 | 6/17/1991 | 1310 | 344 | ND | | 3125 | | | | | | | 1205 | | | 14.7 | | 123 | 1.2 | ND | | ND | ND | |
| M4-2 | 7/1/1991 | | | | | | | | | 0.003 | | | | | | | 0.013 | | | | | | | 0.005 |
| M4-2 | 7/1/1992 | | | | | | | | | 0.0006 | | | | | | | 0.0034 | | | | | | | 0.0019 |
| M4-2 | 7/24/1992 | 429 | 225 | | | 1390 | | | | | | | 15 | | | | | | | | | ND | ND | |
| M4-2 | 8/24/1992 | | | ND | | | | | | | | | | | | 0.14 | | ND | ND | ND | | | | |
| M4-2 | 5/5/1993 | | | | | | | | | ND | | | | | | | 0.0021 | | | | | | | 0.0009 |
| M4-2 | 5/17/1993 | 222 | 57 | | | 1559 | | | | | | | 1183 | | | | | | | ND | | ND | ND | |
| M4-2 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M4-2 | 5/11/1995 | 70 | 265 | | | 2422 | | | | | | | 193 | | | | | | | | | ND | ND | |
| M4-2 | 5/8/1998 | 21 | 245 | ND | | 3200 | | | 8.7 | ND | | | 412 | | | 0.03 | ND | 63 | | ND | | 1.9 | ND | ND |
| M4-2 | 5/12/1999 | 10 | | ND | | | | | | ND | | | | | | ND | ND | 69 | | ND | | | | ND |
| M42-1 | 7/29/1992 | 4381 | 19498 | ND | | 48700 | | | | | | | 11805 | | | 6.64 | | 1380 | 0.52 | ND | | ND | ND | |
| M42-1 | 5/1/1993 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M42-1 | 5/13/1993 | 189 | 19689 | ND | | 50106 | | | | | | | 9916 | | | 0.73 | | 983 | 0.35 | ND | | 0.18 | 0.1 | |
| M42-1 | 7/6/1994 | 110 | 26200 | ND | | 58600 | | | | | | | 15300 | | | 1.04 | | 1480 | 0.15 | ND | | ND | ND | |
| M42-1 | 4/20/1995 | 879 | 38500 | ND | | 79186 | | | | | | | 20600 | | | 4.24 | | 1950 | | ND | | 1.67 | ND | |
| M42-1 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M42-1 | 4/1/1996 | 1495 | 50200 | ND | | 84000 | | | ND | ND | | | 27000 | | | 11.6 | ND | 2640 | | 0.0006 | | 6.49 | 0.55 | ND |
| M42-1 | 5/8/1998 | 342 | 25900 | ND | | 57800 | | | ND | ND | | | 13700 | | | 0.06 | ND | 1210 | | ND | | 10.5 | 1.09 | ND |
| M42-1 | 5/11/1999 | 1600 | 61900 | ND | | 134500 | | | | ND | | | 37300 | | | 2.61 | ND | 3440 | | ND | | 2.77 | 0.13 | ND |
| M42-2 | 7/27/1992 | 122 | 9217 | ND | | 24300 | | | | | | | 3562 | | | ND | | 167 | ND | ND | | ND | 0.14 | |
| M42-2 | 5/1/1993 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M42-2 | 5/13/1993 | 284 | 26637 | ND | | 59681 | | | | | | | 17402 | | | 0.98 | | 2010 | 0.21 | ND | | 1.07 | 0.66 | |
| M42-2 | 7/1/1994 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M42-2 | 7/6/1994 | 73 | 41700 | ND | | 89400 | | | | | | | 16800 | | | 0.1 | | 695 | ND | ND | | ND | ND | |
| M42-2 | 4/20/1995 | 1758 | 44400 | ND | | 91744 | | | | | | | 31000 | | | 0.03 | | 2300 | | ND | | ND | ND | |
| M42-2 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M42-2 | 4/1/1996 | 4571 | 58400 | ND | | 101900 | | | ND | ND | | | 38000 | | | 2.54 | ND | 2920 | | 0.0008 | | 0.7 | 0.38 | ND |
| M42-2 | 4/1/1997 | | | ND | | | | | | | | | | | | 0.02 | | 1680 | | ND | | | | |
| M42-2 | 5/1/1997 | 553 | 58563 | | | 101932 | | | | ND | | | 18940 | | | | ND | | | | | 0.59 | 0.27 | ND |
| M42-2 | 5/8/1998 | 1300 | 245 | ND | | 110000 | | | ND | ND | | | 43700 | | | ND | ND | 3720 | | ND | | 0.47 | 0.21 | ND |
| M42-2 | 5/11/1999 | 1200 | 59600 | ND | | 146500 | | | | ND | | | 45700 | | | 2.2 | ND | 3880 | | ND | | 0.3 | 0.2 | ND |
| M42-2 | 12/3/1999 | 63 | 66900 | ND | | 178000 | | | ND | ND | | | 48200 | | | 0.46 | ND | 4410 | | ND | | 0.66 | ND | ND |
| M42-2 | 5/25/2000 | 1470 | 73300 | ND | | 121000 | | | ND | ND | | | 350 | | | 2.24 | ND | 835 | | ND | | ND | ND | ND |
| M42-2 | 5/16/2001 | 7020 | 73900 | ND | | 82500 | | | 2 | ND | | | 51000 | | | 2.43 | ND | 5050 | | ND | | 500 | 0.19 | ND |
| M42-2 | 6/18/2002 | 8560 | 107000 | ND | | 128000 | | | 2.2 | ND | | | 68500 | | | 0.06 | ND | 5050 | | ND | | ND | ND | ND |
| M42-2 | 5/28/2003 | < 50 | 73200 | < 0.005 | | 127000 | | | 1.3 | < 0.0005 | | | 47900 | | | 4.13 | < 0.001 | 4530 | | < 0.05 | | 0.24 | < 0.1 | < 0.0005 |
| M42-2 | 5/6/2004 | 3550 | 76200 | 0.01 | | | 122000 | | 1.1 | < 0.0016 | | | 53700 | | | 4.4 | < 0.0034 | 5160 | | < 0.01 | | < 0.1 | < 0.1 | < 0.0027 |
| M42-2 | 5/4/2005 | 4200 | 75300 | 0.01 | | | 122000 | | < 0.5 | < 0.0016 | | | 51900 | | | 3.7 | < 0.0034 | 4850 | | | | < 0.1 | < 0.1 | < 0.0027 |
| M42-2 | 6/2/2006 | 2200 | 77848 | < 0.1 | | | 134000 | | < 0.5 | < 0.0005 | | | 59600 | | | 5 | < 0.001 | 5750 | < 1 | < 0.0001 | | < 1 | < 1 | < 0.0005 |
| M42-3 | 7/1/1992 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M42-3 | 7/27/1992 | 106 | 2871 | ND | | 10300 | | | | | | | 923 | | | ND | | ND | ND | ND | | 0.83 | 0.1 | |
| M42-3 | 5/1/1993 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M42-3 | 5/13/1993 | 52 | 1356 | ND | | 4936 | | | | | | | 208 | | | ND | | 2 | ND | ND | | ND | ND | |
| M42-3 | 5/11/1999 | 30 | 1300 | ND | | 4190 | | | | ND | | | 188 | | | ND | 0.0024 | 2 | | ND | | ND | ND | 0.0008 |
| M42-3 | 5/15/2000 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M42-3 | 5/25/2000 | 38 | 913 | ND | | 3800 | | | ND | | | | 120 | | | 0.26 | | ND | | ND | | ND | ND | |
| M42-3 | 5/16/2001 | 76 | 1200 | ND | | 3810 | | | 1.4 | ND | | | 110 | | | 0.03 | ND | ND | | ND | | 8.5 | ND | ND |
| M42-3 | 6/18/2002 | 50 | 978 | ND | | 3690 | | | 1.9 | ND | | | 120 | | | ND | ND | ND | | ND | | ND | ND | ND |
| M42-3 | 5/28/2003 | < 50 | 931 | < 0.005 | | 3790 | | | 0.6 | < 0.0005 | | | 115 | | | < 0.01 | < 0.001 | < 1 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M42-3 | 5/6/2004 | 67 | 980 | < 0.01 | | | 3790 | | 0.8 | < 0.0016 | | | 122 | | | < 0.1 | < 0.0034 | < 1 | | < 0.01 | | < 0.1 | < 0.1 | < 0.0027 |
| M42-3 | 5/4/2005 | 69 | 945 | 0.002 | | | 3570 | | < 0.5 | < 0.0016 | | | 152 | | | 0.02 | < 0.0034 | < 1 | | | | < 0.1 | < 0.1 | < 0.0027 |
| M42-3 | 6/2/2006 | 51 | 951 | < 0.001 | | | 3710 | | < 0.5 | < 0.0005 | | | 140 | | | < 0.03 | < 0.001 | < 1 | < 0.01 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M42-3 | 4/20/2007 | 71 | 932 | < 0.001 | | | 3730 | | 0.7 | < 0.0005 | | | 125 | | | < 0.03 | 0.0011 | < 1 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M4-3 | 6/26/1991 | 1130 | 285 | ND | | 2540 | | | | | | | 1185 | | | 22.5 | | 169 | 0.32 | ND | | ND | ND | |
| M4-3 | 7/1/1991 | | | | | | | | | 0.002 | | | | | | | 0.006 | | | | | | | 0.002 |
| M4-3 | 7/1/1992 | | | | | | | | | ND | | | | | | | 0.0027 | | | | | | | 0.001 |
| M4-3 | 7/24/1992 | 95 | 65 | | | 1090 | | | | | | | 339 | | | | | | | | | ND | ND | |
| M4-3 | 8/24/1992 | | | ND | | | | | | | | | | | | 0.22 | | 49 | 0.06 | ND | | | | |
| M4-3 | 5/13/1993 | 18 | 56 | | | 1013 | | | | | | | 308 | | | | | | | | | ND | ND | |
| M4-3 | 5/17/1993 | | | ND | | | | | | | | | | | | 0.49 | | 42 | 0.06 | ND | | | | |
| M4-3 | 7/6/1994 | ND | | ND | | | | | | | | | | | | 1.68 | | 33.8 | 0.03 | ND | | | | |
| M4-3 | 4/20/1995 | 8 | 23 | ND | | 821 | | | | | | | 243 | | | 0.48 | | 28 | | ND | | ND | ND | |
| M4-3 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M4-3 | 4/1/1996 | 19 | 21 | ND | | 811 | | | 3.1 | ND | | | 183 | | | 0.05 | ND | 28 | | ND | | ND | ND | ND |
| M4-3 | 4/1/1997 | | | 0.01 | | | | | | | | | | | | 0.05 | | 27 | | ND | | | | |
| M4-3 | 5/1/1997 | 5 | 15 | | | 776 | | | 1.5 | ND | | | 139 | | | | ND | | | | | ND | ND | ND |
| M4-3 | 5/8/1998 | 16 | 27 | ND | | 796 | | | 4.9 | ND | | | 185 | | | 2.98 | ND | 28 | | ND | | ND | ND | ND |
| M4-3 | 5/12/1999 | 15 | 32 | ND | | 833 | | | | ND | | | 199 | | | 0.11 | ND | 29 | | ND | | ND | ND | ND |
| M4-3 | 5/15/2000 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M4-3 | 5/25/2000 | 5 | 18 | ND | | 781 | | | 1.9 | | | | 204 | | | 0.57 | | 28 | | ND | | ND | ND | |
| M4-3 | 5/16/2001 | 22 | 32 | ND | | 790 | | | 2.5 | ND | | | 178 | | | 0.76 | ND | 25 | | ND | | ND | ND | ND |
| M4-3 | 6/18/2002 | 15 | 11 | ND | | 708 | | | 3.2 | ND | | | 198 | | | 0.31 | ND | 28 | | ND | | ND | ND | ND |
| M4-3 | 6/19/2002 | 15 | 11 | | | 708 | | | 3.2 | | | | 198 | | | | | | | | | ND | ND | |
| M4-3 | 5/28/2003 | < 5 | 18 | < 0.005 | | 714 | | | 3.6 | < 0.0005 | | | 174 | | | 0.06 | < 0.001 | 24 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M4-3 | 5/6/2004 | < 5 | 14 | 0.002 | | | 736 | | 2.1 | < 0.0016 | | | 143 | | | 0.15 | < 0.0034 | 22 | | < 0.0001 | | 0.21 | < 0.1 | 0.0037 |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M4-3 | 11/12/2004 | 5 | 17 | 0.002 | < 0.0033 | | 762 | < 0.0021 | 1.3 | < 0.0016 | < 0.0015 | < 0.001 | 148 | < 0.0019 | | 0.04 | < 0.0034 | 25 | < 0.01 | < 0.0001 | < 0.0004 | 0.18 | < 0.1 | < 0.0027 |
| M43-1 | 7/29/1992 | 1286 | 15350 | ND | | 35400 | | | | | | | 6895 | | | 0.2 | | 1007 | 0.52 | ND | | ND | ND | |
| M43-1 | 5/1/1993 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M43-1 | 5/13/1993 | 347 | 17271 | ND | | 45745 | | | | | | | 3515 | | | 0.8 | | 320 | 0.26 | ND | | ND | ND | |
| M43-1 | 7/1/1994 | | | | | | | | | ND | | | | | | | 0.00075 | | | | | | | ND |
| M43-1 | 7/6/1994 | 1270 | 16400 | ND | | 46200 | | | | | | | 5300 | | | ND | | 277 | ND | ND | | 34.6 | ND | |
| M43-1 | 4/20/1995 | 152 | 15109 | ND | | 38523 | | | | | | | 5950 | | | 0.05 | | 461 | | ND | | ND | ND | |
| M43-1 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M43-1 | 4/1/1996 | 66 | 18100 | 0.02 | | 43068 | | | 3.8 | ND | | | 11600 | | | 0.04 | 0.0008 | 1110 | | ND | | 0.18 | 0.1 | ND |
| M43-1 | 4/1/1997 | | | 0.03 | | | | | | | | | | | | 0.03 | | 3040 | | ND | | | | |
| M43-1 | 5/1/1997 | 58 | 16440 | | | 88570 | | | | ND | | | 31330 | | | | ND | | | | | ND | ND | ND |
| M43-1 | 5/8/1998 | 342 | 26500 | 0.31 | | 58600 | | | ND | ND | | | 19400 | | | ND | ND | 1880 | | ND | | 0.12 | 0.1 | ND |
| M43-1 | 5/10/1999 | 1640 | 39700 | ND | | 97000 | | | | ND | | | 10800 | | | ND | ND | 2440 | | ND | | ND | ND | ND |
| M43-1 | 5/26/2000 | 146 | 64100 | ND | | 119000 | | | ND | ND | | | 53700 | | | ND | ND | 4600 | | ND | | ND | ND | ND |
| M43-1 | 5/14/2001 | 4290 | 70700 | ND | | 95100 | | | 3.6 | ND | | | 48700 | | | ND | ND | 5250 | | 0.0002 | | ND | ND | ND |
| M43-1 | 6/18/2002 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M43-1 | 6/19/2002 | 5670 | 78300 | ND | | 127000 | | | 1 | | | | 49600 | | | ND | | 5440 | | ND | | ND | ND | |
| M43-1 | 5/29/2003 | < 50 | 73000 | < 0.005 | | 125000 | | | 0.9 | < 0.0005 | | | 49800 | | | < 0.01 | < 0.001 | 5360 | | < 0.05 | | < 0.1 | < 0.1 | < 0.0005 |
| M43-1 | 5/3/2004 | 2470 | 64400 | < 0.005 | | | 109000 | | 7.7 | < 0.0016 | | | 44500 | | | < 0.01 | < 0.0034 | 4930 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M43-1 | 5/4/2005 | 3280 | 65200 | < 0.01 | | | 117000 | | < 0.5 | < 0.0016 | | | 40800 | | | 0.2 | < 0.0034 | 4520 | | | | < 0.1 | < 0.1 | < 0.0027 |
| M43-1 | 6/2/2006 | 1640 | 76856 | < 0.1 | | | 131000 | | < 0.5 | < 0.0005 | | | 51500 | | | < 3 | < 0.001 | 5650 | < 1 | < 0.0001 | | < 1 | < 1 | < 0.0005 |
| M43-2 | 7/29/1992 | 762 | 10990 | ND | | 26900 | | | | | | | 5799 | | | ND | | 753 | 0.01 | ND | | 0.38 | ND | |
| M43-2 | 5/1/1993 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M43-2 | 5/13/1993 | 137 | 8728 | ND | | 23830 | | | | | | | 4611 | | | 0.26 | | 568 | 0.06 | ND | | 0.41 | 0.26 | |
| M43-2 | 7/6/1994 | 160 | 6990 | ND | | 17600 | | | | | | | 3600 | | | ND | | 244 | 0.04 | ND | | 17.5 | ND | |
| M43-2 | 4/20/1995 | 71 | 4678 | ND | | 13523 | | | | | | | 2305 | | | 0.05 | | 221 | | ND | | ND | ND | |
| M43-2 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M43-2 | 4/1/1996 | 53 | 4500 | 1.56 | | 12670 | | | 1.4 | ND | | | 2320 | | | 0.014 | ND | 258 | | ND | | ND | ND | ND |
| M43-2 | 4/1/1997 | | | 0.09 | | | | | | | | | | | | 0.24 | | 1550 | | ND | | | | |
| M43-2 | 5/1/1997 | 8 | 25524 | | | 51976 | | | | ND | | | 14505 | | | | ND | | | | | ND | ND | ND |
| M43-2 | 5/8/1998 | 289 | 23200 | ND | | 49700 | | | ND | ND | | | 14900 | | | 0.03 | ND | 1590 | | ND | | ND | ND | ND |
| M43-2 | 5/10/1999 | 119 | 9200 | ND | | 20600 | | | | ND | | | 3140 | | | 0.4 | ND | 517 | | ND | | 0.42 | 0.27 | ND |
| M43-2 | 5/25/2000 | 488 | 29850 | | | 65100 | | | ND | ND | | | 22300 | | | | ND | | | | | ND | ND | ND |
| M43-2 | 5/14/2001 | 1910 | 49200 | ND | | 69000 | | | 3 | ND | | | 30900 | | | 0.5 | ND | 8360 | | ND | | ND | ND | ND |
| M43-3 | 7/1/1992 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M43-3 | 7/24/1992 | 125 | 5318 | | | 16740 | | | | | | | 2581 | | | | | | | | | 0.26 | 0.13 | |
| M43-3 | 8/24/1992 | | | ND | | | | | | | | | | | | 0.06 | | 7 | ND | ND | | | | |
| M43-3 | 5/1/1993 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M43-3 | 5/13/1993 | 42 | 2985 | ND | | 10160 | | | | | | | 839 | | | 0.09 | | 3 | 0.01 | ND | | 0.73 | 0.11 | |
| M43-3 | 7/1/1994 | | | | | | | | | ND | | | | | | | 0.00093 | | | | | | | ND |
| M43-3 | 7/6/1994 | 77 | 2040 | ND | | 4600 | | | | | | | 180 | | | ND | | 0.52 | ND | ND | | ND | ND | |
| M43-3 | 4/20/1995 | 10 | 1099 | ND | | 3807 | | | | | | | 98 | | | 0.04 | | 5 | | ND | | ND | ND | |
| M43-3 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M43-3 | 4/1/1996 | 43 | 1250 | 0.02 | | 4216 | | | 6 | 0.0005 | | | 151 | | | 0.32 | 0.0023 | 10 | | ND | | ND | ND | 0.0006 |
| M43-3 | 4/1/1997 | | | ND | | | | | | | | | | | | 0.02 | | 7 | | ND | | | | |
| M43-3 | 5/1/1997 | 9 | 1760 | | | 4791 | | | | ND | | | 151 | | | | ND | | | | | ND | ND | ND |
| M43-3 | 5/8/1998 | 44 | 3050 | ND | | 8080 | | | ND | ND | | | 897 | | | ND | ND | 77 | | ND | | ND | ND | ND |
| M43-3 | 5/10/1999 | 16 | 2100 | ND | | 5830 | | | | ND | | | 1300 | | | 0.01 | ND | 22 | | ND | | ND | ND | ND |
| M43-3 | 5/26/2000 | 5 | 3900 | ND | | 11700 | | | ND | ND | | | 1980 | | | ND | ND | 130 | | ND | | ND | ND | ND |
| M43-3 | 5/14/2001 | 47 | 2750 | ND | | 7830 | | | 1.6 | ND | | | 676 | | | 0.08 | ND | 70 | | ND | | ND | ND | ND |
| M43-3 | 6/18/2002 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M43-3 | 6/19/2002 | 22 | 2220 | ND | | 7120 | | | 1.1 | | | | 376 | | | 0.01 | | 44 | | ND | | ND | ND | |
| M43-3 | 5/29/2003 | < 50 | 2050 | < 0.005 | | 6640 | | | 0.8 | < 0.0005 | | | 276 | | | 0.03 | < 0.001 | 33 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M43-3 | 5/3/2004 | 31 | 2050 | 0.006 | | | 6350 | | 1.1 | < 0.0016 | | | 302 | | | 0.08 | < 0.0034 | 37 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M43-3 | 5/4/2005 | 18 | 2440 | 0.002 | | | 6460 | | < 0.5 | < 0.0016 | | | 520 | | | 0.05 | < 0.0034 | 59 | | | | < 0.1 | < 0.1 | < 0.0027 |
| M43-3 | 6/2/2006 | 15 | 1930 | 0.004 | | | 6540 | | < 0.5 | < 0.0005 | | | 335 | | | < 0.03 | < 0.001 | 42 | 0.03 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M43-3 | 4/18/2007 | 33 | 1690 | < 0.01 | | | 6170 | | 2.4 | < 0.0005 | | | 321 | | | < 0.3 | < 0.001 | 41 | | < 0.0001 | | 0.14 | < 0.1 | < 0.0005 |
| M45-1 | 4/20/1995 | | | ND | | | | | | | | | | | | 1.66 | | 85 | | ND | | | | |
| M45-1 | 11/2/1995 | 23 | 1300 | | | 4947 | | | | | | | 765 | | | | | | | | | ND | ND | |
| M45-1 | 11/3/1995 | | | | ND | | | ND | | ND | ND | ND | | | ND | | ND | | | | ND | | | ND |
| M45-1 | 4/1/1996 | 286 | 8600 | 0.09 | | 22667 | | | 5.2 | ND | | | 4390 | | | 0.3 | ND | 442 | | ND | | ND | ND | ND |
| M45-1 | 5/1/1997 | 737 | 61080 | ND | ND | 108049 | | ND | | ND | ND | ND | 21771 | | ND | 0.96 | ND | 3030 | | ND | ND | ND | ND | ND |
| M45-1 | 10/1/1997 | 368 | 70100 | ND | | 105854 | | | | | | | 40900 | | | 0.91 | | 3870 | | ND | | ND | ND | |
| M45-1 | 5/8/1998 | 1300 | 68800 | ND | | 112000 | | | ND | ND | | | 46000 | | | 2.18 | ND | 4510 | | ND | | ND | ND | ND |
| M45-1 | 5/10/1999 | 1710 | 44200 | ND | | 112000 | | | | ND | | | 27400 | | | 0.8 | ND | 2710 | | ND | | ND | ND | ND |
| M45-1 | 12/2/1999 | 331 | 35500 | ND | | 87000 | | | ND | ND | | | 22100 | | | 0.41 | ND | 2170 | | ND | | ND | ND | ND |
| M45-1 | 5/26/2000 | 1710 | 81600 | ND | | 143500 | | | ND | ND | | | 83700 | | | 2.42 | ND | 6980 | | ND | | ND | ND | ND |
| M45-1 | 5/16/2001 | 11400 | 95400 | ND | | 102000 | | | 3.7 | ND | | | 65300 | | | 2.39 | ND | 6570 | | ND | | 460 | ND | ND |
| M45-1 | 6/18/2002 | 8490 | 122000 | ND | | 160000 | | | 4.3 | ND | | | 80600 | | | 0.8 | ND | 8180 | | ND | | ND | ND | ND |
| M45-1 | 5/28/2003 | 8390 | 97400 | < 0.005 | | 161000 | | | 2.8 | < 0.0005 | | | 68400 | | | 4.01 | < 0.001 | 6730 | | < 0.05 | | < 0.1 | < 0.1 | < 0.0005 |
| M45-1 | 5/7/2004 | 8440 | 111000 | 0.01 | | | 153000 | | 3.7 | < 0.0016 | | | 77000 | | | 4.2 | < 0.0034 | 7670 | | < 0.001 | | < 0.1 | < 0.1 | < 0.0027 |
| M45-1 | 5/3/2005 | 4560 | 108000 | < 0.005 | | | 151000 | | < 0.5 | < 0.0016 | | | 69100 | | | 4.44 | < 0.0034 | 6830 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M45-1 | 6/2/2006 | 3800 | 114716 | < 0.1 | | | 169000 | | < 0.5 | < 0.0005 | | | 78200 | | | 6 | < 0.001 | 7830 | 3 | < 0.0001 | | < 0.1 | 0.27 | < 0.0005 |
| M45-2 | 11/2/1995 | 45 | 2010 | | | 6689 | | | | | | | 1500 | | | | | | | | | ND | ND | |
| M45-2 | 11/3/1995 | | | | ND | | | ND | | ND | ND | ND | | | ND | | ND | | | | ND | | | ND |
| M45-2 | 11/20/1995 | | | 0.28 | | | | | | | | | | | | 1.75 | | 102 | | ND | | | | |
| M45-2 | 5/1/1997 | 105 | 20703 | ND | ND | 42195 | | ND | | ND | ND | ND | 9593 | | ND | 0.14 | ND | 876 | | ND | ND | ND | ND | ND |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M45-2 | 10/1/1997 | 140 | 14700 | ND | | 34578 | | | | | | | 9049 | | | ND | | 1028 | | ND | | ND | ND | |
| M45-2 | 5/8/1998 | 210 | 16300 | ND | | 27400 | | | ND | ND | | | 7800 | | | 0.55 | ND | 852 | | ND | | ND | ND | ND |
| M45-2 | 5/10/1999 | 1760 | 41200 | ND | | 96500 | | | | ND | | | 22100 | | | 4.81 | ND | 2310 | | ND | | ND | ND | ND |
| M45-2 | 5/26/2000 | 188 | 68100 | ND | | 125100 | | | ND | ND | | | 73100 | | | 7.52 | ND | 6470 | | ND | | ND | ND | ND |
| M45-2 | 5/16/2001 | 2860 | 48100 | ND | | 64500 | | | 4.2 | ND | | | 24400 | | | 5.02 | ND | 2770 | | ND | | 320 | ND | ND |
| M45-2 | 6/18/2002 | 5680 | 72500 | ND | | 120000 | | | 4.7 | ND | | | 46300 | | | 9.79 | ND | 4640 | | ND | | ND | ND | ND |
| M45-2 | 5/28/2003 | < 50 | 67400 | < 0.005 | | 124000 | | | 3 | < 0.0005 | | | 36500 | | | 7.81 | < 0.001 | 3930 | | < 0.05 | | < 0.1 | < 0.1 | < 0.0005 |
| M45-2 | 4/20/2007 | 7680 | 80700 | < 0.1 | | | 142000 | | < 5 | < 0.0005 | | | 47400 | | | 5 | < 0.001 | 4970 | | < 0.0001 | | < 10 | < 0.1 | < 0.0005 |
| M45-3 | 11/2/1995 | 80 | 1790 | | | 6000 | | | | | | | 1420 | | | | | | | | | ND | ND | |
| M45-3 | 11/3/1995 | | | ND | ND | | | ND | | ND | ND | ND | | | ND | 13.4 | ND | 99 | | ND | ND | | | ND |
| M45-3 | 4/1/1996 | 461 | 9642 | 0.07 | | 23778 | | | 33.4 | 0.0075 | | | 5310 | | | 0.64 | 0.0616 | 735 | | ND | | ND | ND | 0.0244 |
| M45-3 | 5/1/1997 | | 29813 | | | 59512 | | | | 0.005 | | | 10670 | | | ND | 0.0478 | 1120 | | | | ND | ND | 0.0167 |
| M45-3 | 10/1/1997 | 877 | 33400 | ND | | 68118 | | | | | | | 22000 | | | 1.55 | | 2610 | | ND | | 0.54 | ND | |
| M45-3 | 5/8/1998 | 474 | | | | | | | ND | 0.0052 | | | | | | | 0.0242 | | | | | | | 0.0167 |
| M45-3 | 5/26/2000 | 188 | 41000 | 0.02 | | 84600 | | | 11.8 | ND | | | 31100 | | | 0.05 | ND | 3750 | | ND | | ND | ND | ND |
| M45-3 | 5/16/2001 | 4760 | 57900 | ND | | 72300 | | | 12.1 | 0.0073 | | | 31200 | | | 0.02 | 0.0627 | 4000 | | ND | | 415 | ND | 0.0139 |
| M45-3 | 6/18/2002 | 1000 | 68200 | ND | | 120000 | | | 8.6 | ND | | | 37100 | | | 0.14 | ND | 5180 | | ND | | ND | ND | ND |
| M45-3 | 5/28/2003 | < 50 | 71200 | < 0.005 | | 122000 | | | 7.1 | < 0.005 | | | 37500 | | | 0.02 | 0.04 | 5240 | | < 0.05 | | < 0.1 | < 0.1 | 0.014 |
| M45-3 | 5/7/2004 | 3840 | 68100 | < 0.01 | | | 114000 | | 7.1 | 0.0051 | | | 42400 | | | < 0.1 | 0.0416 | 6050 | | < 0.0005 | | < 0.1 | < 0.1 | 0.0155 |
| M45-3 | 5/3/2005 | 2920 | 72300 | < 0.005 | | | 115000 | | < 0.5 | 0.0057 | | | 43500 | | | 0.02 | 0.0535 | 5440 | | < 0.0001 | | < 0.1 | < 0.1 | 0.018 |
| M45-3 | 6/2/2006 | 2100 | 74332 | < 0.1 | | | 132000 | | < 0.5 | 0.0051 | | | 49100 | | | < 3 | 0.02 | 6810 | < 1 | < 0.0001 | | < 1 | < 1 | 0.0153 |
| M46-1 | 4/20/1995 | | | ND | | | | | | | | | | | | 0.17 | | 43 | | ND | | | | |
| M46-1 | 11/2/1995 | 38 | 797 | | | 3100 | | | | | | | 427 | | | | | | | | | ND | ND | |
| M46-1 | 11/3/1995 | | | | ND | | | ND | | 0.0094 | ND | ND | | | ND | | 0.072 | | | | ND | | | 0.0176 |
| M46-1 | 4/1/1996 | 113 | 1007 | ND | | 3500 | | | 13.1 | ND | | | 520 | | | 0.09 | 0.11 | 48 | | ND | | ND | ND | 0.0186 |
| M46-2 | 4/20/1995 | | | ND | | | | | | | | | | | | 0.36 | | 17 | | ND | | | | |
| M46-2 | 11/2/1995 | 13 | 41 | | | 1121 | | | | | | | 145 | | | | | | | | | ND | ND | |
| M46-2 | 11/3/1995 | | | | ND | | | ND | | ND | ND | ND | | | ND | | ND | | | | ND | | | ND |
| M46-2 | 4/1/1996 | 11 | 41 | 0.01 | | 1031 | | | 2.6 | ND | | | 150 | | | 0.67 | ND | 20 | | ND | | ND | ND | ND |
| M46-2 | 4/1/1997 | | | ND | | | | | | | | | | | | 0.25 | | 24 | | ND | | | | |
| M46-2 | 5/1/1997 | 18 | 45 | | | 995 | | | | ND | | | 174 | | | | ND | | | | | ND | ND | ND |
| M46-2 | 5/8/1998 | 10 | 48 | ND | | 1080 | | | ND | ND | | | 117 | | | 0.11 | ND | 19 | | ND | | ND | ND | ND |
| M46-2 | 5/12/1999 | ND | 38 | ND | | 1020 | | | | ND | | | 130 | | | 0.35 | ND | 17 | | ND | | ND | ND | ND |
| M46-2 | 5/25/2000 | 10 | 44 | ND | | 1020 | | | 3 | ND | | | 151 | | | 0.08 | ND | 21 | | ND | | ND | ND | ND |
| M46-2 | 5/15/2001 | 5 | 41 | ND | | 1040 | | | 1.1 | ND | | | 8 | | | 0.34 | ND | 17 | | ND | | ND | ND | ND |
| M46-2 | 6/18/2002 | 9 | 38 | ND | | 1090 | | | 1.4 | ND | | | 109 | | | 0.26 | ND | 15 | | ND | | ND | ND | ND |
| M46-2 | 5/28/2003 | 7 | 44 | < 0.005 | | 1120 | | | 1.8 | < 0.0005 | | | 111 | | | 0.22 | < 0.001 | 16 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M46-2 | 5/5/2004 | < 5 | 41 | < 0.001 | | | 1070 | | < 0.5 | < 0.0016 | | | 109 | | | 0.2 | < 0.0034 | 15 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M46-2 | 5/4/2005 | < 5 | 53 | 0.003 | | | 1040 | | 0.6 | | | | 89 | | | 0.13 | | 12 | | < 0.0001 | | < 0.1 | < 0.1 | |
| M46-2 | 6/2/2006 | 11 | 46 | 0.002 | | | 1100 | | 1.3 | < 0.0005 | | | 132 | | | 0.06 | < 0.001 | 18 | < 0.01 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M46-2 | 4/19/2007 | < 5 | 45 | 0.001 | | | 1080 | | 1.3 | < 0.0005 | | | 124 | | | 0.13 | < 0.001 | 15 | | < 0.0001 | | 0.16 | < 0.1 | < 0.0005 |
| M46-2 | 4/29/2008 | 11 | 52 | < 0.005 | | 1110 | | | 0.7 | < 0.0001 | | | 110 | | | < 0.1 | < 0.0001 | 16 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| M47-1 | 4/20/1995 | | | ND | | | | | | | | | | | | 1.95 | | 227 | | ND | | | | |
| M47-1 | 11/2/1995 | 41 | 5070 | | | 17800 | | | | | | | 1800 | | | | | | | | | ND | ND | |
| M47-1 | 11/3/1995 | | | | | | | | | | | | | | | | | | | | | | | |
| M47-1 | 4/1/1996 | 791 | 12300 | 0.02 | | 31047 | | | 0.4 | ND | | | 6200 | | | 11.9 | ND | 791 | | ND | | ND | ND | ND |
| M47-1 | 5/8/1998 | 316 | 23400 | ND | | 51500 | | | ND | 0.0012 | | | 11800 | | | 1.36 | 0.0046 | 1420 | | ND | | ND | ND | 0.0006 |
| M47-1 | 5/12/1999 | 41 | 23500 | ND | | 57500 | | | | 0.001 | | | 10400 | | | 0.76 | 0.0028 | 1300 | | ND | | ND | ND | 0.0007 |
| M47-1 | 5/24/2000 | 189 | 19300 | ND | | 2750 | | | ND | ND | | | 10200 | | | 2.24 | ND | 805 | | ND | | ND | ND | ND |
| M47-1 | 5/15/2001 | 1450 | 10700 | ND | | 22800 | | | 1.8 | ND | | | 5400 | | | 3.18 | ND | 704 | | ND | | ND | ND | ND |
| M47-1 | 6/17/2002 | 65 | 16500 | ND | | 38000 | | | 2 | ND | | | 7970 | | | 4.64 | ND | 1050 | | ND | | ND | ND | ND |
| M47-1 | 5/28/2003 | < 50 | 15500 | < 0.005 | | 34600 | | | 1.6 | 0.0011 | | | 7840 | | | 5.94 | < 0.001 | 1000 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M47-1 | 5/4/2004 | 445 | 13300 | < 0.005 | | | 31300 | | 1.8 | < 0.0016 | | | 7070 | | | 5.17 | < 0.0034 | 946 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M47-1 | 5/4/2005 | 357 | 6700 | < 0.01 | | | 19000 | | < 0.5 | | | | 3040 | | | 1 | | 387 | | < 0.0001 | | < 0.1 | < 0.1 | |
| M47-1 | 5/31/2006 | 52 | 5020 | < 0.01 | | | 14700 | | < 0.5 | < 0.0005 | | | 1970 | | | 4.6 | < 0.001 | 243 | 0.3 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M47-1 | 4/19/2007 | 455 | 5930 | < 0.01 | | | 18500 | | 0.7 | 0.0031 | | | 10600 | | | 18.6 | 0.0036 | 1340 | | < 0.0001 | | < 1 | < 0.1 | < 0.0005 |
| M47-1 | 5/1/2008 | 160 | 4700 | < 0.05 | | 15000 | | | 1.5 | 0.0012 | | | 2200 | | | 5.4 | 0.002 | 290 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0003 |
| M47-2 | 4/20/1995 | | | ND | | | | | | | | | | | | 13.2 | | 115 | | ND | | | | |
| M47-2 | 11/2/1995 | 20 | 1960 | | | 6551 | | | | | | | 831 | | | | | | | | | ND | ND | |
| M47-2 | 11/3/1995 | | | | ND | | | ND | | ND | ND | ND | | | ND | | ND | | | | ND | | | ND |
| M47-2 | 4/1/1996 | 40 | 2500 | 0.02 | | 6966 | | | 10.7 | ND | | | 1260 | | | 5.87 | ND | 182 | | ND | | ND | ND | ND |
| M47-2 | 4/1/1997 | | | 0.08 | | | | | | | | | | | | 3.06 | | 66 | | ND | | | | |
| M47-2 | 5/1/1997 | 58 | 2751 | | | 7131 | | | | ND | | | 1714 | | | | ND | | | | | ND | ND | ND |
| M47-2 | 5/8/1998 | 54 | 2140 | ND | | 5860 | | | ND | ND | | | 633 | | | 3.39 | ND | 93 | | ND | | ND | ND | ND |
| M47-2 | 5/12/1999 | 29 | 2300 | ND | | 6540 | | | | 0.0006 | | | 797 | | | ND | ND | 111 | | ND | | ND | ND | ND |
| M47-2 | 5/24/2000 | 18 | 2000 | ND | | 6110 | | | ND | ND | | | 767 | | | 1.71 | ND | 108 | | ND | | ND | ND | ND |
| M47-2 | 5/15/2001 | 56 | 1570 | ND | | 5440 | | | 1.8 | ND | | | 562 | | | 1.89 | ND | 80 | | ND | | ND | ND | ND |
| M47-2 | 6/17/2002 | 18 | 1590 | ND | | 5280 | | | 1.5 | ND | | | 573 | | | 1.16 | ND | 87 | | ND | | ND | ND | ND |
| M47-2 | 5/28/2003 | < 50 | 1630 | < 0.005 | | 5530 | | | 1.7 | < 0.0005 | | | 499 | | | 1.36 | < 0.001 | 72 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M47-2 | 5/4/2004 | 25 | 1070 | 0.006 | | | 3850 | | 0.8 | < 0.0016 | | | 361 | | | 0.08 | < 0.0034 | 50 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M47-2 | 5/4/2005 | 9 | 776 | 0.003 | | | 3120 | | < 0.5 | | | | 194 | | | 0.26 | | 26 | | < 0.0001 | | < 0.1 | < 0.1 | |
| M47-2 | 5/31/2006 | 16 | 905 | 0.002 | | | 3620 | | < 0.5 | < 0.0005 | | | 288 | | | 0.04 | < 0.001 | 39 | < 0.01 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M47-2 | 4/19/2007 | 23 | 868 | 0.001 | | | 3750 | | 1 | < 0.0005 | | | 283 | | | 0.06 | < 0.001 | 39 | | < 0.0001 | | 1 | < 0.1 | < 0.0005 |
| M47-2 | 5/1/2008 | 55 | 1100 | < 0.05 | | 4350 | | | 1 | < 0.0001 | | | 300 | | | < 1 | < 0.0001 | 44 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| M47-3 | 4/20/1995 | | | ND | | | | | | | | | | | | 2.29 | | 1 | | ND | | | | |
| M47-3 | 11/2/1995 | 54 | 7 | | | 937 | | | | | | | 17 | | | | | | | | | ND | ND | |
| M47-3 | 11/3/1995 | | | | ND | | | ND | | ND | ND | ND | | | ND | | ND | | | | ND | | | ND |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M47-3 | 4/1/1996 | 59 | 21 | 0.01 | | 949 | | | 11.2 | ND | | | 67 | | | 13.8 | ND | 6 | | ND | | ND | ND | ND |
| M47-3 | 4/1/1997 | | | ND | | | | | | | | | | | | 0.45 | | 7 | | ND | | | | |
| M47-3 | 5/1/1997 | 53 | 35 | | | 942 | | | 4.9 | ND | | | 56 | | | | ND | | | | | ND | ND | ND |
| M47-3 | 5/8/1998 | 61 | 24 | ND | | 757 | | | 8.1 | ND | | | 263 | | | 0.69 | ND | 42 | | ND | | 0.33 | ND | ND |
| M47-3 | 5/12/1999 | 63 | 10 | ND | | 710 | | | | ND | | | 41 | | | ND | ND | 5 | | ND | | ND | ND | ND |
| M47-3 | 5/24/2000 | 35 | 58 | 0.05 | | 1120 | | | 5.7 | ND | | | 398 | | | 4.19 | ND | 65 | | ND | | ND | ND | ND |
| M47-3 | 5/15/2001 | 8 | 39 | ND | | 808 | | | 2.2 | ND | | | 380 | | | 5.01 | ND | 31 | | ND | | ND | ND | ND |
| M47-3 | 6/17/2002 | 6 | 37 | ND | | 643 | | | 2 | ND | | | 128 | | | ND | ND | 11 | | ND | | ND | ND | ND |
| M47-3 | 5/28/2003 | 10 | 67 | < 0.005 | | 930 | | | 3 | < 0.0005 | | | 55 | | | 0.03 | < 0.001 | 8 | | 0.0001 | | 0.15 | < 0.1 | < 0.0005 |
| M47-3 | 5/4/2004 | 9 | 41 | < 0.001 | | | 529 | | 2.1 | < 0.0016 | | | 80 | | | 1.01 | < 0.0034 | 11 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M47-3 | 5/4/2005 | 25 | 68 | 0.001 | | | 704 | | 1.7 | | | | 36 | | | 0.04 | | 5 | | < 0.0001 | | < 0.1 | < 0.1 | |
| M47-3 | 5/31/2006 | 11 | 79 | 0.001 | | | 693 | | 2.8 | < 0.0005 | | | 45 | | | < 0.03 | < 0.001 | 6 | < 0.01 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M47-3 | 4/19/2007 | 6 | 44 | 0.001 | | | 627 | | 1.3 | < 0.0005 | | | 53 | | | 0.04 | < 0.001 | 8 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M47-3 | 5/1/2008 | 28 | 65 | < 0.005 | | 624 | | | 1.2 | < 0.0001 | | | 26 | | | < 0.1 | < 0.0001 | 3.1 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| M48-1 | 4/20/1995 | | | ND | | | | | | | | | | | | 0.03 | | 701 | | ND | | | | |
| M48-1 | 11/2/1995 | 146 | 10800 | | | 33000 | | | | | | | 7090 | | | | | | | | | 0.84 | 0.11 | |
| M48-1 | 11/3/1995 | | | | ND | | | ND | | ND | ND | ND | | | ND | | ND | | | | ND | | | ND |
| M48-1 | 4/1/1996 | 945 | 13138 | 0.01 | | 34444 | | | ND | ND | | | 5230 | | | 0.13 | ND | 518 | | ND | | ND | ND | ND |
| M48-1 | 5/8/1998 | 184 | 14500 | ND | | 21900 | | | ND | ND | | | 4820 | | | 0.17 | ND | 479 | | 0.0002 | | ND | ND | ND |
| M48-1 | 5/10/1999 | 405 | 15200 | ND | | 43000 | | | | ND | | | 5310 | | | 0.4 | ND | 526 | | ND | | ND | ND | ND |
| M48-1 | 5/26/2000 | | | ND | | | | | | | | | | | | 0.28 | | 449 | | ND | | | | |
| M48-1 | 5/29/2000 | 474 | 11800 | | | 32100 | | | 2 | ND | | | 4300 | | | | ND | | | | | ND | ND | ND |
| M48-1 | 5/15/2001 | 857 | 8800 | ND | | 19000 | | | 1.7 | ND | | | 4050 | | | ND | ND | 387 | | ND | | ND | ND | ND |
| M48-1 | 6/19/2002 | 1160 | 10900 | ND | | 30200 | | | 1.3 | ND | | | 5810 | | | 0.03 | ND | 648 | | ND | | ND | ND | ND |
| M48-1 | 5/27/2003 | < 50 | 10000 | < 0.005 | | 29900 | | | 0.9 | < 0.0005 | | | 5710 | | | 0.08 | < 0.001 | 574 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M48-1 | 5/7/2004 | 422 | 9880 | < 0.01 | | | 26600 | | < 5 | < 0.0016 | | | 5170 | | | < 0.1 | < 0.0034 | 509 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M48-1 | 5/4/2005 | 350 | 6900 | < 0.01 | | | 19700 | | < 0.5 | < 0.0016 | | | 3970 | | | < 0.1 | < 0.0034 | 390 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M48-1 | 6/2/2006 | 102 | 6240 | < 0.01 | | | 19700 | | < 0.5 | < 0.0005 | | | 3400 | | | 0.5 | < 0.001 | 329 | 0.3 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M48-2 | 11/2/1995 | 30 | 1470 | | | 5711 | | | | | | | 493 | | | | | | | | | ND | ND | |
| M48-2 | 11/3/1995 | | | 0.24 | ND | | | ND | | ND | ND | ND | | | ND | 1.21 | ND | 67 | | ND | ND | | | ND |
| M48-2 | 5/10/1999 | 11 | 1070 | ND | | 3370 | | | | ND | | | 267 | | | 1.82 | ND | 26 | | ND | | ND | ND | ND |
| M48-2 | 5/26/2000 | | | ND | | | | | | | | | | | | 0.52 | | 13 | | ND | | | | |
| M48-2 | 5/29/2000 | 18 | 677 | | | 2660 | | | ND | ND | | | 131 | | | | ND | | | | | ND | ND | ND |
| M48-2 | 5/15/2001 | 6 | 409 | ND | | 2230 | | | 1.5 | ND | | | 113 | | | 0.97 | ND | 11 | | ND | | ND | ND | ND |
| M48-2 | 6/19/2002 | 11 | 335 | ND | | 1830 | | | 0.8 | ND | | | 78 | | | 0.3 | ND | 8 | | ND | | ND | ND | ND |
| M48-2 | 5/27/2003 | 7 | 325 | < 0.005 | | 1640 | | | 2.3 | < 0.0005 | | | 58 | | | 0.25 | < 0.001 | 5 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M48-2 | 10/24/2003 | | | | | | | | | | | | | | | | | | | | | | | |
| M48-2 | 5/7/2004 | < 5 | 142 | 0.001 | | | 1110 | | < 0.5 | < 0.0016 | | | 44 | | | 0.12 | < 0.0034 | 4 | 0.02 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M48-2 | 5/4/2005 | < 5 | 78 | < 0.001 | | | 863 | | < 0.5 | < 0.0016 | | | 44 | | | 0.06 | < 0.0034 | 4 | 0.01 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M48-2 | 4/19/2007 | < 5 | 33 | < 0.001 | | | 744 | | 0.8 | < 0.0005 | | | 35 | | | 0.03 | < 0.001 | 3 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M48-3 | 11/2/1995 | 33 | 1820 | | | 5434 | | | | | | | 869 | | | | | | | | | ND | ND | |
| M48-3 | 11/3/1995 | | | 0.13 | ND | | | ND | | ND | ND | ND | | | ND | 0.23 | ND | 134 | | ND | ND | | | ND |
| M48-3 | 4/1/1996 | 35 | 3928 | ND | | 11444 | | | 3.8 | ND | | | 2000 | | | 1.72 | ND | 173 | | ND | | ND | ND | ND |
| M48-3 | 5/8/1998 | 31 | 1200 | ND | | 4080 | | | ND | ND | | | 333 | | | 1.9 | ND | 31 | | 0.0009 | | ND | ND | ND |
| M48-3 | 5/10/1999 | 21 | 1170 | ND | | 3500 | | | | ND | | | 265 | | | 0.14 | ND | 25 | | ND | | ND | ND | ND |
| M48-3 | 5/26/2000 | | | ND | | | | | | | | | | | | 0.07 | | 12 | | ND | | | | |
| M48-3 | 5/29/2000 | 26 | 728 | | | 2860 | | | 2 | ND | | | 142 | | | | ND | | | | | 0.26 | ND | ND |
| M48-3 | 5/15/2001 | 6 | 480 | ND | | 2320 | | | 2.1 | ND | | | 116 | | | 1.18 | ND | 10 | | 0.0001 | | ND | ND | ND |
| M48-3 | 6/19/2002 | 10 | 374 | ND | | 1900 | | | 0.9 | ND | | | 85 | | | 0.47 | ND | 9 | | ND | | ND | ND | ND |
| M48-3 | 5/27/2003 | < 5 | 380 | < 0.005 | | 1950 | | | 1.2 | < 0.0005 | | | 87 | | | < 0.01 | < 0.001 | 6 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M48-3 | 10/24/2003 | | | | | | | | | | | | | | | | | | | | | | | |
| M48-3 | 5/7/2004 | < 5 | 195 | 0.002 | | | 1140 | | 1.2 | < 0.0016 | | | 32 | | | 0.04 | < 0.0034 | 3 | 0.01 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M48-3 | 5/4/2005 | < 5 | 94 | < 0.001 | | | 856 | | 0.8 | < 0.0016 | | | 32 | | | 0.08 | < 0.0034 | 3 | 0.01 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M48-3 | 6/2/2006 | 6 | 86 | 0.002 | | | 798 | | 2 | < 0.0005 | | | 37 | | | < 0.03 | < 0.001 | 3 | < 0.01 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M48-3 | 4/19/2007 | 6 | 63 | < 0.001 | | | 766 | | 1.2 | < 0.0005 | | | 41 | | | 0.04 | < 0.001 | 4 | | < 0.0001 | | 0.2 | < 0.1 | < 0.0005 |
| M49-1 | 5/1/1997 | 8 | 51 | ND | ND | 886 | | ND | 2.7 | ND | ND | ND | 290 | | ND | 0.14 | ND | 20 | | ND | ND | ND | ND | ND |
| M49-1 | 5/8/1998 | 8 | 113 | ND | | 1190 | | | 3.2 | ND | | | 69 | | | 0.38 | ND | 7 | | ND | | 0.38 | ND | ND |
| M49-1 | 5/11/1999 | 5 | 142 | ND | | 1180 | | | | ND | | | 69 | | | 0.16 | ND | 7 | | ND | | ND | ND | ND |
| M49-1 | 5/24/2000 | ND | 145 | ND | | 1270 | | | 2.3 | ND | | | 56 | | | 0.6 | ND | 7 | | ND | | ND | ND | ND |
| M49-1 | 5/14/2001 | 11 | 152 | ND | | 1230 | | | 1.8 | ND | | | 66 | | | 0.07 | ND | 7 | | ND | | ND | ND | ND |
| M49-1 | 6/19/2002 | 11 | 142 | ND | | 1170 | | | 1.6 | ND | | | 55 | | | 0.04 | ND | 6 | | ND | | ND | ND | ND |
| M49-1 | 5/29/2003 | < 5 | 139 | < 0.005 | | 1150 | | | 2.4 | < 0.0005 | | | 46 | | | 0.04 | < 0.001 | 4 | | 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M49-1 | 5/3/2004 | < 5 | 213 | 0.002 | | | 1380 | | 1.4 | < 0.0016 | | | 50 | | | 0.03 | < 0.0034 | 6 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M49-1 | 5/5/2005 | 6 | 207 | < 0.001 | | | 1260 | | 1.3 | < 0.0016 | | | 43 | | | 0.03 | < 0.0034 | 5 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M49-1 | 6/2/2006 | < 5 | 270 | 0.003 | | | 1580 | | 1.9 | < 0.0005 | | | 56 | | | < 0.03 | < 0.001 | 7 | < 0.01 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M49-1 | 4/18/2007 | 7 | 262 | 0.004 | | | 1600 | | 1.8 | < 0.0005 | | | 34 | | | < 0.03 | < 0.001 | 4 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M49-1 | 1/5/2008 | 33 | 280 | < 0.005 | | 1670 | | | 1.8 | < 0.0001 | | | 26 | | | 0.15 | < 0.0001 | 2.9 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| M49-2 | 5/1/1997 | 11 | 71 | 0.01 | ND | 1270 | | ND | 4.6 | ND | ND | ND | 105 | | ND | 0.65 | ND | 8 | | ND | ND | ND | ND | ND |
| M49-2 | 5/8/1998 | 5 | 178 | ND | ND | 1750 | | ND | 5.2 | ND | ND | ND | 66 | | ND | 0.12 | ND | 7 | | 0.0003 | ND | ND | ND | ND |
| M49-2 | 5/11/1999 | 10 | 138 | ND | | 1380 | | | | ND | | | 121 | | | 0.08 | ND | 295 | | ND | | 0.3 | ND | ND |
| M49-2 | 5/26/2000 | 15 | 218 | ND | ND | 1970 | | ND | 4.2 | ND | ND | ND | 130 | | ND | 0.56 | ND | 11 | | ND | ND | ND | ND | ND |
| M49-2 | 5/14/2001 | 11 | 229 | ND | | 1990 | | | 2.3 | ND | | | 80 | | | 0.04 | ND | 8 | | ND | | ND | ND | ND |
| M49-2 | 6/19/2002 | 32 | 245 | ND | | 2220 | | | 4.9 | ND | | | 75 | | | 0.04 | ND | 9 | | ND | | ND | ND | ND |
| M49-2 | 5/29/2003 | 13 | 190 | < 0.005 | | 1660 | | | 1.6 | < 0.0005 | | | 51 | | | 0.02 | < 0.001 | 4 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M49-2 | 5/3/2004 | 49 | 241 | 0.003 | < 0.0033 | | 2020 | < 0.0021 | 1.8 | < 0.0016 | < 0.0015 | < 0.001 | 45 | < 0.0019 | | 0.02 | < 0.0034 | 6 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| M49-2 | 5/5/2005 | 25 | 204 | < 0.001 | < 0.0033 | | 1760 | < 0.0021 | < 0.5 | < 0.0016 | < 0.0015 | < 0.001 | 45 | < 0.0019 | | 0.01 | < 0.0034 | 6 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| M49-2 | 6/2/2006 | 29 | 225 | 0.003 | < 0.0002 | | 1990 | < 0.0002 | 1.6 | < 0.0005 | < 0.0002 | < 0.0002 | 45 | < 0.0002 | | < 0.03 | < 0.001 | 6 | < 0.01 | < 0.0001 | < 0.0002 | < 0.1 | < 0.1 | < 0.0005 |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M49-2 | 4/18/2007 | 47 | 228 | 0.003 | < 0.0002 | | 2150 | < 0.0002 | 1.4 | < 0.005 | < 0.0002 | < 0.0002 | 45 | < 0.0002 | | < 0.03 | < 0.01 | 6 | | < 0.0001 | < 0.0002 | < 0.1 | < 0.1 | < 0.005 |
| M49-2 | 5/1/2008 | 60 | 210 | < 0.005 | < 0.00005 | 1990 | | < 0.0001 | 1.3 | < 0.0001 | < 0.00005 | < 0.00005 | 48 | < 0.0001 | | < 0.1 | < 0.0001 | 5.8 | | < 0.0002 | 0.00011 | < 0.1 | < 0.01 | < 0.0001 |
| M49-3 | 5/1/1997 | 13 | | 0.01 | | | | | | ND | | | | | | | ND | | | ND | | | | ND |
| M49-3 | 5/8/1998 | 15 | 62 | ND | | 1790 | | | 4.4 | ND | | | 181 | | | 0.19 | ND | 19 | | 0.0002 | | 0.45 | ND | ND |
| M49-3 | 6/19/2002 | 8 | 37 | ND | | 2340 | | | 3.4 | ND | | | 268 | | | ND | ND | 30 | | ND | | 23.3 | ND | ND |
| M49-3 | 5/29/2003 | < 5 | 47 | < 0.005 | | 2460 | | | 3 | < 0.0005 | | | 232 | | | 0.02 | < 0.001 | 26 | | 0.0001 | | 14.2 | < 0.1 | < 0.0005 |
| M49-3 | 5/5/2005 | < 5 | 33 | < 0.001 | | | 2150 | | 1.3 | < 0.0016 | | | 200 | | | 0.01 | < 0.0034 | 23 | | < 0.0001 | | 16.4 | < 0.1 | < 0.0027 |
| M50-1 | 5/1/1997 | 53 | 11089 | ND | ND | 27380 | | ND | | 0.0009 | 0.0001 | 0.0001 | 3780 | | ND | 0.49 | 0.002 | 411 | | ND | 0.0128 | ND | ND | 0.0061 |
| M50-1 | 5/8/1998 | 131 | 11300 | ND | ND | 21400 | | ND | ND | 0.0026 | ND | ND | 3610 | | ND | 9.43 | 0.006 | 419 | | ND | ND | ND | ND | ND |
| M50-1 | 5/12/1999 | 30 | 12800 | ND | | 29400 | | | | 0.0049 | | | 4030 | | | 3.12 | 0.0076 | 453 | | ND | | ND | ND | ND |
| M50-1 | 12/3/1999 | 180 | 32200 | ND | | 100000 | | | ND | ND | | | 5240 | | | 4.57 | ND | 659 | | ND | | ND | ND | ND |
| M50-1 | 5/26/2000 | 192 | 14900 | ND | ND | 37100 | | ND | ND | 0.0037 | ND | ND | 4190 | | ND | 7.59 | 0.0064 | 519 | | ND | ND | 16.2 | ND | ND |
| M50-1 | 5/15/2001 | 338 | 27200 | ND | | 46000 | | | 5 | 0.0038 | | | 1250 | | | 4.62 | 0.0061 | 1504 | | ND | | ND | ND | ND |
| M50-1 | 6/19/2002 | 85 | 16800 | 0.009 | ND | 41600 | | ND | 4.8 | ND | ND | ND | 7410 | | ND | 5.92 | ND | 938 | | ND | ND | ND | ND | ND |
| M50-1 | 5/28/2003 | < 50 | 21600 | < 0.005 | | 48000 | | | 2.5 | 0.0032 | | | 11300 | | | 15.1 | 0.0045 | 1410 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M50-1 | 5/4/2004 | 405 | 11300 | < 0.005 | < 0.0033 | | 27500 | < 0.0021 | 2.1 | 0.0118 | < 0.0015 | < 0.001 | 4430 | < 0.0019 | | 9.18 | 0.0045 | 611 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| M50-1 | 5/4/2005 | 1440 | 12700 | < 0.01 | < 0.0033 | | 33600 | < 0.0021 | < 0.5 | 0.0054 | < 0.0015 | < 0.001 | 5350 | < 0.0019 | | 13.1 | 0.0067 | 712 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| M50-1 | 5/31/2006 | 540 | 12000 | < 0.01 | < 0.0002 | | 30100 | < 0.0002 | < 0.5 | 0.012 | < 0.0002 | < 0.0002 | 5370 | < 0.0002 | | 7.2 | 0.0055 | 712 | 0.7 | < 0.0001 | < 0.0002 | < 0.5 | < 0.5 | < 0.0005 |
| M50-1 | 4/19/2007 | 500 | 14800 | < 0.01 | < 0.0002 | | 38000 | < 0.0002 | < 5 | 0.0027 | < 0.0002 | < 0.0002 | 7100 | < 0.0002 | | 7.4 | 0.004 | 905 | | < 0.0001 | < 0.0002 | < 1 | < 0.1 | < 0.0005 |
| M50-1 | 4/29/2008 | 330 | 11000 | < 0.3 | < 0.00005 | 31000 | | < 0.0001 | 1.6 | 0.006 | < 0.00005 | < 0.00005 | 5700 | < 0.0001 | | 11 | < 0.005 | 760 | | < 0.0002 | 0.00013 | < 0.1 | < 0.01 | < 0.005 |
| M50-2 | 5/1/1997 | 53 | 7955 | 0.08 | ND | 20450 | | ND | | 0.004 | ND | ND | | | ND | 0.32 | 0.036 | 484 | | ND | 0.0001 | ND | ND | 0.0075 |
| M50-2 | 5/8/1998 | 193 | 8300 | ND | ND | 17300 | | ND | ND | 0.0047 | ND | ND | 3320 | | ND | 0.14 | 0.0437 | 442 | | 0.0002 | ND | ND | ND | 0.0062 |
| M50-2 | 5/12/1999 | 30 | 7200 | ND | | 19200 | | | | 0.0046 | | | 2460 | | | 0.03 | 0.0146 | 344 | | ND | | ND | ND | 0.0038 |
| M50-2 | 12/2/1999 | 37 | 7500 | ND | | 18600 | | | ND | 0.0045 | | | 2960 | | | 0.07 | 0.0224 | 435 | | ND | | ND | ND | 0.0035 |
| M50-2 | 5/15/2000 | | | | ND | | | ND | | 0.0035 | ND | ND | | | ND | | 0.0074 | | | | ND | | | 0.0029 |
| M50-2 | 5/25/2000 | 182 | 7020 | ND | | 20100 | | | ND | | | | 2420 | | | 0.78 | | 334 | | ND | | ND | ND | |
| M50-2 | 5/15/2001 | 762 | 9250 | ND | | 19600 | | | 1.7 | 0.0022 | | | 320 | | | 0.04 | 0.0076 | 484 | | ND | | ND | ND | ND |
| M50-2 | 6/19/2002 | 689 | 7570 | 0.006 | ND | 20000 | | ND | 1.6 | 0.005 | ND | ND | 3290 | | ND | 0.06 | 0.0115 | 466 | | ND | ND | 0.13 | ND | ND |
| M50-2 | 5/28/2003 | < 50 | 7590 | < 0.005 | | 21200 | | | 2.4 | < 0.004 | | | 3050 | | | 0.05 | < 0.008 | 432 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.004 |
| M50-2 | 5/4/2005 | 565 | 7600 | < 0.01 | < 0.0033 | | 20300 | < 0.0021 | < 0.5 | 0.0046 | < 0.0015 | < 0.001 | 3200 | < 0.0019 | | < 0.1 | 0.0087 | 438 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| M50-3 | 5/1/1997 | 712 | 7090 | 0.27 | | 19442 | | | | | | | 3390 | | | 1.3 | | 19 | | ND | | ND | | |
| M50-3 | 5/8/1998 | ND | 7280 | ND | | 15100 | | | ND | ND | | | 3640 | | | 1.2 | ND | 535 | | 0.0005 | | ND | ND | ND |
| M50-3 | 5/12/1999 | 30 | 6900 | ND | | 17700 | | | | ND | | | 3360 | | | 1.22 | ND | 482 | | ND | | ND | ND | ND |
| M50-3 | 5/26/2000 | 172 | 6820 | ND | | 17600 | | | ND | ND | | | 2600 | | | 3.66 | ND | 373 | | ND | | ND | ND | ND |
| M50-3 | 5/15/2001 | 810 | 8300 | ND | | 15700 | | | 1.8 | ND | | | 329 | | | 1.5 | ND | 489 | | ND | | ND | ND | ND |
| M50-3 | 6/17/2002 | 8 | 7500 | ND | | 20100 | | | 2.3 | ND | | | 3010 | | | 5.75 | ND | 442 | | ND | | ND | ND | ND |
| M50-3 | 5/28/2003 | < 50 | 7200 | < 0.005 | | 19900 | | | 2.2 | < 0.0005 | | | 3300 | | | 1.04 | < 0.001 | 483 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M50-3 | 5/4/2004 | 436 | 7180 | 0.005 | | | 19200 | | 1.9 | < 0.0016 | | | 3140 | | | 3.57 | < 0.0034 | 459 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M50-3 | 5/4/2005 | 502 | 6910 | < 0.01 | | | 19500 | | < 0.5 | | | | 3370 | | | 2.2 | | 492 | | < 0.0001 | | < 0.1 | < 0.1 | |
| M50-3 | 5/31/2006 | 410 | 7290 | < 0.01 | | | 19800 | | < 0.5 | < 0.0005 | | | 3140 | | | 9 | < 0.001 | 450 | 0.1 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M50-3 | 4/19/2007 | 370 | 6730 | < 0.01 | | | 20200 | | < 5 | < 0.0005 | | | 3320 | | | 0.6 | < 0.001 | 476 | | < 0.0001 | | < 1 | < 0.1 | < 0.0005 |
| M50-3 | 4/29/2008 | 370 | 7300 | < 0.05 | | 20400 | | | 1.6 | 0.0001 | | | 3400 | | | 4.6 | 0.0003 | 490 | | < 0.0002 | | < 0.1 | < 0.01 | 0.0002 |
| M5-1 | 6/18/1991 | 13 | 138 | ND | | 1265 | | | | | | | 96 | | | 0.24 | | 10.6 | ND | ND | | ND | ND | |
| M5-1 | 7/1/1991 | | | | | | | | | ND | | | | | | | 0.005 | | | | | | | 0.002 |
| M5-1 | 7/1/1992 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M5-1 | 7/24/1992 | 45 | 206 | | | 1590 | | | | | | | 120 | | | | | | | | | ND | ND | |
| M5-1 | 8/24/1992 | | | ND | | | | | | | | | | | | ND | | 14 | 0.05 | ND | | | | |
| M5-1 | 5/13/1993 | ND | 213 | | | 1613 | | | | | | | 201 | | | | | | | | | ND | ND | |
| M5-1 | 5/17/1993 | | | ND | | | | | | | | | | | | ND | | 18 | ND | ND | | | | |
| M5-1 | 7/1/1994 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M5-1 | 7/6/1994 | 8 | 773 | ND | | 1600 | | | | | | | 220 | | | 0.35 | | 13.3 | ND | ND | | ND | ND | |
| M5-1 | 4/20/1995 | 13 | 227 | ND | | 1563 | | | | | | | 119 | | | 0.03 | | 13 | | ND | | ND | ND | |
| M5-1 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M5-1 | 4/1/1996 | 8 | 182 | ND | | 1473 | | | 2.2 | ND | | | 99 | | | 0.21 | ND | 12 | | ND | | ND | ND | ND |
| M5-1 | 4/1/1997 | | | ND | | | | | | | | | | | | 0.05 | | 14 | | ND | | | | |
| M5-1 | 5/1/1997 | 8 | 205 | | | 1472 | | | ND | ND | | | 108 | | | | ND | | | | | ND | ND | ND |
| M5-1 | 5/8/1998 | ND | 221 | ND | | 1470 | | | ND | ND | | | 90 | | | 0.07 | ND | 11 | | 0.0009 | | ND | ND | ND |
| M5-1 | 5/12/1999 | 10 | 240 | ND | | 1440 | | | | ND | | | 90 | | | 0.02 | ND | 11 | | ND | | ND | ND | ND |
| M5-1 | 5/30/2000 | 13 | 225 | ND | | 1450 | | | 1.4 | ND | | | 85 | | | 0.06 | ND | 10 | | ND | | ND | ND | ND |
| M5-1 | 5/15/2001 | 25 | 196 | ND | | 1360 | | | 2.9 | ND | | | 81 | | | 0.01 | ND | 10 | | ND | | ND | ND | ND |
| M5-1 | 6/18/2002 | 26 | 160 | ND | | 1320 | | | 8.2 | ND | | | 83 | | | ND | ND | 11 | | ND | | ND | ND | ND |
| M5-1 | 5/27/2003 | 6 | 179 | < 0.001 | | 1320 | | | 0.7 | < 0.0005 | | | 81 | | | < 0.01 | < 0.001 | 10 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M5-1 | 5/5/2004 | 34 | 148 | < 0.001 | | | 1340 | | 0.8 | < 0.0016 | | | 86 | | | 0.04 | < 0.0034 | 10 | | < 0.0001 | | 0.15 | < 0.1 | < 0.0027 |
| M5-1 | 5/3/2005 | 16 | 177 | < 0.001 | | | 1340 | | < 0.5 | < 0.0016 | | | 81 | | | 0.01 | < 0.0034 | 10 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M5-1 | 6/2/2006 | 20 | 157 | 0.003 | | | 1330 | | < 0.5 | < 0.0005 | | | 75 | | | < 0.03 | < 0.001 | 9 | < 0.01 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M5-1 | 4/19/2007 | 19 | 144 | 0.002 | | | 1400 | | 1.3 | < 0.0005 | | | 102 | | | 0.04 | < 0.001 | 12 | | < 0.0001 | | 0.28 | < 0.1 | < 0.0005 |
| M5-1 | 4/29/2008 | 27 | 160 | < 0.005 | | 1350 | | | 0.7 | < 0.0001 | | | 92 | | | < 0.1 | < 0.0001 | 11 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| M51-1 | 5/31/2006 | 1980 | 52100 | < 0.1 | | | 107000 | | < 0.5 | < 0.0005 | | | 27500 | | | < 3 | < 0.001 | 3320 | 3 | < 0.0001 | | | | 0.0024 |
| M51-2 | 5/1/1997 | 21 | 273 | 0.01 | ND | 1734 | | ND | | ND | ND | ND | 91 | | ND | 0.13 | ND | 10 | | ND | ND | ND | ND | ND |
| M51-2 | 5/8/1998 | 8 | 355 | ND | ND | 2140 | | ND | 4.2 | ND | ND | ND | 102 | | ND | 2.6 | ND | 121 | | ND | ND | ND | ND | ND |
| M51-2 | 5/12/1999 | 10 | 289 | ND | | 1840 | | | | ND | | | 84 | | | ND | ND | 10 | | ND | | ND | ND | ND |
| M51-2 | 12/3/1999 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M51-2 | 5/24/2000 | | | ND | | | | | | | | | | | | 0.67 | | 8 | | ND | | | | |
| M51-2 | 5/25/2000 | 7 | 144 | | ND | 1360 | | ND | 2.4 | ND | ND | ND | 68 | | ND | | ND | | | | ND | 0.11 | ND | ND |
| M51-2 | 5/16/2001 | 5 | 138 | ND | ND | 1310 | | ND | 1.7 | ND | ND | ND | 60 | | ND | 0.18 | ND | 8 | | ND | ND | ND | ND | ND |
| M51-2 | 6/17/2002 | 8 | 162 | ND | ND | 1390 | | ND | 2 | ND | ND | ND | 63 | | ND | 0.19 | ND | 8 | | ND | ND | ND | ND | ND |
| M51-2 | 5/28/2003 | < 5 | 150 | < 0.005 | < 0.0002 | 1350 | | < 0.0001 | 1.8 | < 0.0005 | < 0.0001 | < 0.0001 | 60 | < 0.0001 | | 0.14 | < 0.001 | 8 | | < 0.0001 | < 0.0001 | < 0.1 | < 0.1 | < 0.0005 |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M51-2 | 5/4/2004 | < 5 | 133 | < 0.001 | < 0.0033 | | 1300 | < 0.0021 | 0.6 | < 0.0016 | < 0.0015 | < 0.001 | 56 | < 0.0019 | | 0.15 | < 0.0034 | 7 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| M51-2 | 5/3/2005 | < 5 | 130 | < 0.001 | < 0.0033 | | 1280 | < 0.0021 | < 0.5 | < 0.0016 | < 0.0015 | < 0.001 | 54 | < 0.0019 | | 0.15 | < 0.0034 | 7 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| M51-2 | 5/31/2006 | < 5 | 121 | 0.002 | < 0.0002 | | 1260 | < 0.0002 | 0.6 | < 0.0005 | < 0.0002 | < 0.0002 | 54 | < 0.0002 | | 0.06 | < 0.001 | 7 | 0.01 | < 0.0001 | < 0.0002 | < 0.1 | < 0.1 | < 0.0005 |
| M51-2 | 4/19/2007 | 9 | 98 | 0.001 | < 0.0002 | | 1220 | < 0.0002 | 3.1 | < 0.0005 | < 0.0002 | < 0.0002 | 50 | < 0.0002 | | 0.09 | < 0.001 | 6 | | < 0.0001 | < 0.0002 | 0.16 | < 0.1 | < 0.0005 |
| M51-2 | 4/29/2008 | < 4 | 130 | < 0.005 | < 0.00005 | 1300 | | < 0.0001 | 0.8 | < 0.0001 | < 0.00005 | < 0.00005 | 59 | < 0.0001 | | 0.15 | < 0.0001 | 7.9 | | < 0.0002 | < 0.00005 | < 0.1 | < 0.01 | < 0.0001 |
| M51-3 | 5/1/1997 | 13 | 206 | ND | | 2165 | | | | ND | | | 166 | | | | ND | | | ND | | 0.81 | 0.24 | ND |
| M51-3 | 5/8/1998 | 24 | 40 | ND | | 640 | | | 6.9 | ND | | | 279 | | | 1.48 | ND | 35 | | ND | | ND | ND | ND |
| M51-3 | 5/12/1999 | 5 | 110 | ND | | 1600 | | | | ND | | | 196 | | | ND | ND | 24 | | ND | | 0.11 | ND | ND |
| M51-3 | 5/26/2000 | 15 | 181 | ND | | 1730 | | | 3.4 | ND | | | 218 | | | 0.02 | ND | 28 | | ND | | 0.24 | ND | ND |
| M51-3 | 5/16/2001 | 8 | 45 | ND | | 1080 | | | 2.6 | ND | | | 151 | | | 4.62 | ND | 19 | | ND | | ND | ND | ND |
| M51-3 | 6/17/2002 | 10 | 247 | | | 2180 | | | 3.9 | ND | | | 162 | | | | ND | | | | | ND | ND | ND |
| M51-3 | 5/28/2003 | < 5 | 128 | < 0.005 | | 1390 | | | 1.9 | < 0.0005 | | | 184 | | | 1.91 | < 0.001 | 24 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M51-3 | 5/4/2004 | < 5 | 196 | < 0.001 | | | 1800 | | < 0.5 | < 0.0016 | | | 188 | | | 1.48 | < 0.0034 | 25 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M51-3 | 5/3/2005 | < 5 | 64 | < 0.001 | | | 1150 | | 0.9 | < 0.0016 | | | 171 | | | 0.95 | < 0.0034 | 21 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M51-3 | 5/31/2006 | < 5 | 164 | 0.002 | | | 1600 | | 4.1 | < 0.0005 | | | 132 | | | 0.23 | < 0.001 | 18 | 0.03 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M51-3 | 4/19/2007 | < 5 | 135 | 0.001 | | | 1570 | | 1.5 | < 0.0005 | | | 196 | | | < 0.03 | < 0.001 | 24 | | < 0.0001 | | 0.15 | < 0.1 | < 0.0005 |
| M51-3 | 4/29/2008 | 32 | 67 | < 0.005 | | 1250 | | | 1.4 | < 0.0001 | | | 170 | | | 0.37 | < 0.0001 | 21 | | < 0.0002 | | 0.2 | 0.07 | < 0.0001 |
| M5-2 | 6/18/1991 | 13 | 92 | ND | | 1125 | | | | | | | 125 | | | 0.39 | | 14.1 | ND | ND | | ND | ND | |
| M5-2 | 7/1/1991 | | | | | | | | | ND | | | | | | | ND | | | | | | | 0.004 |
| M5-2 | 7/24/1992 | 238 | 139 | | | 1460 | | | | | | | 111 | | | | | | | | | ND | ND | |
| M5-2 | 8/24/1992 | | | ND | | | | | | | | | | | | 0.1 | | 13 | 0.08 | ND | | | | |
| M5-2 | 5/1/1993 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M5-2 | 5/13/1993 | 87 | 193 | | | 1577 | | | | | | | 115 | | | | | | | | | ND | ND | |
| M5-2 | 5/17/1993 | | | ND | | | | | | | | | | | | 0.13 | | 17 | 0.02 | ND | | | | |
| M5-2 | 7/1/1994 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M5-2 | 7/6/1994 | 7 | 162 | ND | | 1600 | | | | | | | 120 | | | ND | | 8.27 | ND | ND | | ND | | |
| M5-2 | 4/20/1995 | 21 | 161 | ND | | 1513 | | | | | | | 67 | | | 0.06 | | 9 | | ND | | ND | ND | |
| M5-2 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | 0.0005 |
| M5-2 | 4/1/1996 | 24 | 173 | 0.01 | | 1512 | | | 3.2 | ND | | | 71 | | | 0.07 | ND | 10 | | ND | | ND | ND | 0.0026 |
| M5-2 | 4/1/1997 | | | 0.12 | | | | | | | | | | | | 0.02 | | 10 | 342 | | | | | |
| M5-2 | 5/1/1997 | 99 | 195 | | | 1599 | | | | ND | | | 95 | | | | ND | | | | | ND | ND | ND |
| M5-2 | 5/8/1998 | 51 | 203 | ND | | 1640 | | | 1.5 | 0.0007 | | | 89 | | | 0.33 | ND | 13 | | 0.0005 | | ND | ND | 0.0039 |
| M5-2 | 5/12/1999 | 48 | 215 | ND | | 1660 | | | | 0.0007 | | | 96 | | | ND | ND | 13 | | ND | | ND | ND | 0.0042 |
| M5-2 | 5/30/2000 | 33 | 210 | ND | | 4600 | | | 3 | ND | | | 74 | | | 0.06 | ND | 10 | | ND | | ND | ND | 0.0024 |
| M5-2 | 5/15/2001 | 124 | 200 | ND | | 1660 | | | 1.3 | ND | | | 103 | | | 0.02 | ND | 14 | | ND | | ND | ND | ND |
| M5-2 | 6/18/2002 | 93 | 182 | ND | | 1740 | | | 1.3 | ND | | | 109 | | | ND | ND | 13 | | <0.001 | | ND | ND | ND |
| M5-2 | 5/27/2003 | 65 | 207 | < 0.001 | | 1700 | | | 0.9 | < 0.0005 | | | 96 | | | < 0.01 | < 0.001 | 13 | | < 0.0001 | | < 0.1 | < 0.1 | 0.0017 |
| M5-2 | 5/5/2004 | 114 | 191 | 0.002 | | | 1770 | | 0.8 | < 0.0016 | | | 112 | | | 0.03 | < 0.0034 | 15 | | < 0.0002 | | < 0.1 | < 0.1 | < 0.0027 |
| M5-2 | 5/3/2005 | 125 | 202 | < 0.001 | | | 1690 | | 0.7 | < 0.0016 | | | 112 | | | 0.02 | < 0.0034 | 15 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M5-2 | 6/6/2006 | 249 | 198 | 0.003 | | | 1450 | | < 0.5 | < 0.0005 | | | 142 | | | < 0.03 | < 0.001 | 18 | < 0.01 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M5-2 | 4/19/2007 | 100 | 193 | 0.001 | | | 1730 | | 1.4 | 0.0005 | | | 92 | | | < 0.03 | 0.0015 | 12 | | < 0.0001 | | 0.15 | < 0.1 | 0.0016 |
| M5-2 | 4/29/2008 | 62 | 190 | < 0.005 | | 1790 | | | 0.5 | 0.0003 | | | 120 | | | < 1 | 0.0008 | 17 | | < 0.0002 | | < 0.1 | < 0.01 | 0.0008 |
| M52-1 | 5/1/1997 | 6 | 137 | ND | ND | 993 | | ND | 0.9 | ND | ND | ND | 186 | | ND | 0.04 | ND | 21 | | ND | ND | ND | ND | ND |
| M52-1 | 5/8/1998 | 15 | 171 | | ND | 1160 | | ND | 2.8 | ND | ND | ND | 143 | | ND | | 0.0011 | | | | ND | ND | ND | ND |
| M52-1 | 5/12/1999 | ND | 175 | ND | | 1240 | | | | 0.0013 | | | 118 | | | 0.31 | 0.0025 | 14 | | ND | | ND | ND | 0.0005 |
| M52-1 | 12/20/1999 | 18 | 195 | ND | | 1520 | | | 2.7 | 0.0009 | | | 83 | | | 0.13 | ND | 11 | | ND | | ND | ND | ND |
| M52-1 | 5/26/2000 | 20 | 223 | 0.04 | ND | 1560 | | ND | 3.6 | ND | ND | ND | 184 | | ND | 0.29 | ND | 21 | | ND | ND | ND | ND | ND |
| M52-1 | 5/16/2001 | 27 | 199 | ND | ND | 1380 | | ND | 4.5 | ND | ND | ND | 138 | | ND | 2.42 | ND | 16 | | ND | ND | ND | ND | ND |
| M52-1 | 6/17/2002 | 33 | 179 | | ND | 1420 | | ND | 3.4 | ND | ND | ND | 138 | | ND | | ND | | | | ND | ND | ND | ND |
| M52-1 | 5/28/2003 | 8 | 199 | < 0.005 | < 0.0002 | 1400 | | < 0.0001 | 1.8 | < 0.0005 | < 0.0001 | < 0.0001 | 118 | < 0.0001 | | 0.97 | < 0.001 | 14 | | < 0.0001 | < 0.0001 | < 0.1 | < 0.1 | < 0.0005 |
| M52-1 | 5/5/2004 | < 5 | 178 | < 0.001 | < 0.0033 | | 1380 | < 0.0021 | 1.2 | < 0.0016 | < 0.0015 | < 0.001 | 108 | < 0.0019 | | 0.82 | < 0.0034 | 13 | | < 0.0001 | < 0.0004 | 0.33 | < 0.1 | < 0.0027 |
| M52-1 | 5/3/2005 | 11 | 189 | < 0.001 | < 0.0033 | | 1330 | < 0.0021 | 1.1 | < 0.0016 | < 0.0015 | < 0.001 | 103 | < 0.0019 | | 0.71 | < 0.0034 | 13 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| M52-1 | 5/31/2006 | < 5 | 187 | 0.003 | < 0.0002 | | 1430 | < 0.0002 | 2.4 | < 0.0005 | < 0.0002 | < 0.0002 | 101 | < 0.0002 | | 0.77 | < 0.001 | 13 | < 0.01 | < 0.0001 | < 0.0002 | < 0.1 | < 0.1 | < 0.0005 |
| M52-1 | 4/19/2007 | 6 | 181 | 0.001 | < 0.0002 | | 1510 | < 0.0002 | 1.9 | < 0.0005 | < 0.0002 | < 0.0002 | 169 | < 0.0002 | | 0.48 | < 0.001 | 18 | | < 0.0001 | < 0.0002 | 0.38 | < 0.1 | < 0.0005 |
| M52-1 | 4/29/2008 | 12 | 200 | < 0.005 | < 0.00005 | 1410 | | < 0.0001 | 1 | 0.0005 | < 0.00005 | < 0.00005 | 140 | < 0.0001 | | 1.5 | 0.0015 | 17 | | < 0.0002 | 0.00006 | < 0.1 | < 0.01 | 0.0005 |
| M52-2 | 5/1/1997 | 14 | 247 | ND | ND | 1599 | | ND | 3.4 | ND | ND | 0.0001 | 125 | | ND | 0.12 | ND | 14 | | ND | 0.0001 | ND | ND | ND |
| M52-2 | 5/8/1998 | 21 | 226 | | ND | 1600 | | ND | 2.3 | ND | ND | ND | 91 | | ND | | ND | | | | ND | ND | ND | ND |
| M52-2 | 5/12/1999 | 5 | 220 | ND | | 1470 | | | | ND | | | 104 | | | ND | ND | 13 | | ND | | ND | ND | ND |
| M52-2 | 12/2/1999 | 13 | 230 | ND | | 1620 | | | 1.5 | ND | | | 124 | | | 3.03 | ND | 15 | | ND | | ND | ND | ND |
| M52-2 | 5/24/2000 | | | ND | | | | | | | | | | | | 0.14 | | 16 | | ND | | | | |
| M52-2 | 5/25/2000 | ND | 210 | | ND | 1470 | | ND | 1.8 | ND | ND | ND | 131 | | ND | | ND | | | | ND | 0.13 | ND | ND |
| M52-2 | 5/16/2001 | 19 | 241 | ND | ND | 1460 | | ND | 1.6 | ND | ND | ND | 99 | | ND | 0.16 | ND | 13 | | ND | ND | ND | ND | ND |
| M52-2 | 6/17/2002 | 12 | 203 | | ND | 1490 | | ND | 2.1 | ND | ND | ND | 106 | | ND | | ND | | | | ND | ND | ND | ND |
| M52-2 | 5/28/2003 | < 5 | 248 | < 0.005 | < 0.0002 | 1410 | | < 0.0001 | 2.1 | < 0.0005 | < 0.0001 | < 0.0001 | 99 | < 0.0001 | | 0.05 | < 0.001 | 12 | | < 0.0001 | < 0.0001 | < 0.1 | < 0.1 | < 0.0005 |
| M52-2 | 5/5/2004 | 9 | 176 | < 0.001 | < 0.0033 | | 1400 | < 0.0021 | 1.3 | < 0.0016 | < 0.0015 | < 0.001 | 94 | < 0.0019 | | 0.14 | < 0.0034 | 12 | | < 0.0001 | < 0.0004 | 0.1 | < 0.1 | < 0.0027 |
| M52-2 | 5/3/2005 | < 5 | 195 | < 0.001 | < 0.0033 | | 1340 | < 0.0021 | 0.6 | < 0.0016 | < 0.0015 | < 0.001 | 88 | < 0.0019 | | 0.11 | < 0.0034 | 11 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| M52-2 | 5/31/2006 | < 5 | 187 | 0.001 | < 0.0002 | | 1400 | < 0.0002 | < 0.5 | < 0.0005 | < 0.0002 | < 0.0002 | 88 | < 0.0002 | | 0.03 | < 0.001 | 11 | 0.01 | < 0.0001 | < 0.0002 | < 0.1 | < 0.1 | < 0.0005 |
| M52-2 | 4/19/2007 | 8 | 175 | < 0.001 | < 0.0002 | | 1480 | < 0.0002 | 1.1 | < 0.0005 | < 0.0002 | < 0.0002 | 84 | < 0.0002 | | 0.05 | < 0.001 | 10 | | < 0.0001 | < 0.0002 | 0.28 | < 0.1 | < 0.0005 |
| M52-2 | 4/29/2008 | < 4 | 190 | < 0.005 | < 0.00005 | 1350 | | < 0.0001 | 0.8 | < 0.0001 | < 0.00005 | < 0.00005 | 96 | < 0.0001 | | < 0.1 | < 0.0001 | 12 | | < 0.0002 | 0.00011 | < 0.1 | < 0.01 | < 0.0001 |
| M52-3 | 5/1/1997 | 18 | 737 | ND | | 3586 | | | | ND | | | 208 | | | 0.31 | ND | 25 | | ND | | 1.81 | ND | ND |
| M52-3 | 5/8/1998 | 41 | 1110 | | | 4700 | | | 6 | ND | | | 311 | | | | ND | | | | | 0.11 | ND | ND |
| M52-3 | 5/12/1999 | 7 | 787 | ND | | 3230 | | | | ND | | | 227 | | | 0.4 | ND | 29 | | ND | | ND | ND | ND |
| M52-3 | 5/24/2000 | | | ND | | | | | | | | | | | | 1.49 | | 27 | | ND | | | | |
| M52-3 | 5/25/2000 | 17 | 488 | | | 2940 | | | 6.1 | ND | | | 221 | | | | ND | | | | | ND | ND | ND |
| M52-3 | 5/16/2001 | 14 | 672 | ND | | 3420 | | | 2.4 | ND | | | 339 | | | 2.57 | ND | 43 | | ND | | ND | ND | ND |
| M52-3 | 6/17/2002 | 9 | 980 | | | 4420 | | | 2.5 | ND | | | 301 | | | | ND | | | | | 0.19 | ND | ND |
| M52-3 | 5/28/2003 | 10 | 706 | < 0.005 | | 3530 | | | 1.7 | < 0.0005 | | | 253 | | | 0.11 | < 0.001 | 33 | | < 0.0001 | | 0.3 | < 0.1 | < 0.0005 |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M52-3 | 5/5/2004 | 20 | 844 | 0.01 | | | 3690 | | 2.4 | < 0.0016 | | | 228 | | | 2.57 | < 0.0034 | 30 | | < 0.0001 | | 0.41 | < 0.1 | < 0.0027 |
| M52-3 | 5/3/2005 | 27 | 586 | 0.002 | | | 2740 | | 6.4 | < 0.0016 | | | 203 | | | 2.54 | < 0.0034 | 25 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M52-3 | 5/31/2006 | 115 | 1230 | 0.003 | | | | | 2.3 | < 0.0005 | | | 247 | | | 0.09 | < 0.001 | 34 | 0.02 | < 0.0001 | | 1.29 | 0.6 | < 0.0005 |
| M52-3 | 4/19/2007 | 14 | 587 | 0.001 | | | 3240 | | 2.6 | < 0.0005 | | | 203 | | | 0.77 | < 0.001 | 25 | | < 0.0001 | | 0.96 | < 0.1 | < 0.0005 |
| M52-3 | 4/29/2008 | 12 | 660 | < 0.005 | | 3430 | | | 1.6 | < 0.0001 | | | 260 | | | 1.4 | < 0.0001 | 28 | | < 0.0002 | | 0.1 | 0.02 | < 0.0001 |
| M5-3 | 6/18/1991 | 3 | 64 | ND | | 1078 | | | | | | | 149 | | | 0.34 | | 17.6 | ND | ND | | ND | ND | |
| M5-3 | 7/1/1991 | | | | | | | | | ND | | | | | | | 0.003 | | | | | | | ND |
| M5-3 | 7/24/1992 | 13 | 46 | | | 1050 | | | | | | | 201 | | | | | | | | | 0.3 | ND | |
| M5-3 | 8/24/1992 | | | ND | | | | | | | | | | | | 0.13 | | 27 | 0.02 | ND | | | | |
| M5-3 | 5/13/1993 | 8 | 44 | ND | | 981 | | | | | | | 218 | | | 0.34 | | 27 | 0.03 | ND | | ND | ND | |
| M5-3 | 7/6/1994 | ND | 42.6 | ND | | 1040 | | | | | | | 240 | | | 0.11 | | 21.6 | ND | ND | | 1.1 | | |
| M5-3 | 4/20/1995 | 5 | 42 | ND | | 994 | | | | | | | 188 | | | 0.14 | | 25 | | ND | | ND | ND | |
| M5-3 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M5-3 | 4/1/1996 | 8 | 40 | ND | | 950 | | | 1.4 | ND | | | 190 | | | 0.19 | ND | 25 | | ND | | ND | ND | ND |
| M5-3 | 4/1/1997 | | | ND | | | | | | | | | | | | 0.06 | | 12 | 168 | ND | | | | |
| M5-3 | 5/1/1997 | 11 | 47 | | | 981 | | | | ND | | | 199 | | | | ND | | | | | ND | ND | ND |
| M5-3 | 5/8/1998 | 13 | 46 | ND | | 1010 | | | 1.9 | ND | | | 191 | | | 0.65 | ND | 27 | | 0.0002 | | ND | ND | ND |
| M5-3 | 5/12/1999 | 19 | 41 | ND | | 938 | | | | ND | | | 195 | | | 0.08 | ND | 26 | | ND | | ND | ND | ND |
| M5-3 | 5/30/2000 | 13 | 42 | ND | | 978 | | | 0.6 | ND | | | 187 | | | 0.08 | ND | 25 | | ND | | ND | ND | ND |
| M5-3 | 5/15/2001 | 11 | 44 | ND | | 912 | | | 5.3 | ND | | | 180 | | | 0.02 | ND | 25 | | ND | | ND | ND | ND |
| M5-3 | 6/18/2002 | 12 | 37 | ND | | 963 | | | 2 | ND | | | 172 | | | 0.15 | ND | 23 | | ND | | ND | ND | ND |
| M5-3 | 5/27/2003 | 19 | 42 | < 0.001 | | 934 | | | < 0.5 | < 0.0005 | | | 184 | | | 0.07 | < 0.001 | 24 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M5-3 | 5/5/2004 | 12 | 41 | 0.001 | | | 946 | | 0.8 | < 0.0016 | | | 174 | | | 0.21 | < 0.0034 | 24 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M5-3 | 5/3/2005 | 17 | 42 | < 0.001 | | | 940 | | < 0.5 | < 0.0016 | | | 199 | | | 0.14 | < 0.0034 | 26 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M5-3 | 6/6/2006 | 21 | 41 | 0.003 | | | 918 | | < 0.5 | < 0.0005 | | | 197 | | | < 0.03 | < 0.001 | 26 | < 0.01 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M5-3 | 4/19/2007 | 24 | 41 | 0.001 | | | 968 | | 1.1 | < 0.0005 | | | 179 | | | 0.09 | < 0.001 | 24 | | < 0.0001 | | 0.15 | 0.1 | < 0.0005 |
| M5-3 | 4/29/2008 | 7 | 45 | < 0.005 | | 973 | | | 0.5 | < 0.0001 | | | 200 | | | < 0.1 | < 0.0001 | 27 | | < 0.0002 | | < 0.1 | < 0.01 | 0.0001 |
| M53-1 | 6/22/1998 | 10 | 1450 | ND | | 4940 | | | | ND | | | 1 | | | 0.12 | ND | 102 | | ND | | 0.35 | ND | ND |
| M53-1 | 5/29/2000 | 87 | 2300 | ND | | 1790 | | | ND | ND | | | 1330 | | | ND | ND | 138 | | ND | | 2.18 | ND | ND |
| M53-1 | 6/19/2002 | 175 | 13000 | ND | | 35300 | | | 3.2 | ND | | | 8950 | | | 0.01 | ND | 987 | | ND | | 6.72 | ND | ND |
| M53-1 | 5/29/2003 | 250 | 20600 | < 0.005 | | 43600 | | | 2.5 | < 0.0005 | | | 12700 | | | 0.01 | < 0.001 | 1320 | | < 0.05 | | 5.34 | < 0.1 | < 0.0005 |
| M53-1 | 5/5/2004 | 25 | 1990 | < 0.01 | | | 6530 | | 2 | < 0.0016 | | | 1400 | | | 0.08 | < 0.0034 | 144 | | < 0.0001 | | 0.16 | < 0.1 | < 0.0027 |
| M53-1 | 5/5/2005 | 358 | 7420 | < 0.01 | | | 18700 | | < 0.5 | < 0.0016 | | | 5320 | | | 1.9 | < 0.0034 | 533 | | < 0.0001 | | 0.14 | < 0.1 | < 0.0027 |
| M53-1 | 6/2/2006 | 22 | 1640 | 0.005 | | | 5520 | | 4.4 | < 0.0005 | | | 1280 | | | 1.82 | < 0.001 | 129 | 0.39 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M53-2 | 6/22/1998 | ND | 51 | ND | | 846 | | | | ND | | | 415 | | | 0.11 | ND | 23 | | ND | | ND | ND | ND |
| M53-2 | 11/30/1999 | 5 | 150 | ND | | 1330 | | | 5 | ND | | | 606 | | | 0.11 | ND | 33 | | ND | | ND | ND | ND |
| M53-2 | 5/29/2000 | 11 | 84 | ND | | 893 | | | 1.7 | ND | | | 307 | | | ND | ND | 35 | | ND | | ND | ND | ND |
| M53-2 | 6/19/2002 | 24 | 140 | ND | | 1430 | | | 6.6 | ND | | | 662 | | | 0.81 | ND | 42 | | ND | | 0.1 | ND | ND |
| M53-2 | 5/29/2003 | 15 | 227 | < 0.005 | | 1560 | | | 8.8 | < 0.0005 | | | 718 | | | 10.7 | < 0.001 | 41 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M53-2 | 5/5/2004 | 12 | 108 | < 0.001 | | | 1290 | | 7 | < 0.0016 | | | 565 | | | 16.8 | < 0.0034 | 36 | | < 0.0001 | | 0.34 | < 0.1 | < 0.0027 |
| M53-2 | 5/5/2005 | 21 | 208 | < 0.001 | | | 1260 | | 7.4 | < 0.0016 | | | 523 | | | 21.3 | < 0.0034 | 33 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M53-2 | 6/2/2006 | 18 | 109 | 0.005 | | | 1250 | | 7.4 | < 0.0005 | | | 538 | | | 20.2 | < 0.001 | 33 | 2.01 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M53-2 | 4/18/2007 | 26 | 113 | 0.003 | | | 1320 | | 8.9 | < 0.0005 | | | 530 | | | 22.1 | < 0.001 | 33 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M53-2 | 4/28/2008 | 19 | 86 | < 0.005 | | 1090 | | | 7 | < 0.0001 | | | 450 | | | 19 | < 0.0001 | 29 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| M53-3 | 6/22/1998 | 5 | 92 | ND | | 1270 | | | | 0.0005 | | | 231 | | | 0.73 | ND | 22 | | ND | | ND | ND | 0.0012 |
| M53-3 | 11/30/1999 | 10 | 85 | ND | | 1430 | | | 2.5 | ND | | | 254 | | | 1.4 | ND | 29 | | ND | | 0.48 | ND | ND |
| M53-3 | 5/29/2000 | 5 | 57 | ND | | 1411 | | | 1.5 | ND | | | 238 | | | 1.25 | ND | 28 | | ND | | 0.22 | 0.21 | ND |
| M53-3 | 11/22/2000 | ND | 71 | ND | ND | 1370 | | ND | 1.8 | ND | ND | ND | 254 | | ND | 1.15 | ND | 29 | | ND | ND | 0.12 | ND | ND |
| M53-3 | 6/19/2002 | 11 | 51 | ND | | 2040 | | | 2.5 | ND | | | 357 | | | 0.4 | ND | 43 | | ND | | 0.1 | ND | ND |
| M53-3 | 5/29/2003 | < 5 | 54 | < 0.005 | | 2200 | | | 1.4 | < 0.0005 | | | 339 | | | 0.15 | < 0.001 | 41 | | < 0.0001 | | 0.28 | < 0.1 | < 0.0005 |
| M53-3 | 5/5/2004 | < 5 | 73 | < 0.001 | | | 2000 | | 1.4 | < 0.0016 | | | 301 | | | 0.21 | < 0.0034 | 38 | | < 0.0001 | | 0.22 | < 0.1 | < 0.0027 |
| M53-3 | 5/5/2005 | < 5 | 71 | < 0.001 | | | 1500 | | 1.4 | < 0.0016 | | | 204 | | | 0.31 | < 0.0034 | 26 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M53-3 | 6/2/2006 | < 5 | 92 | 0.004 | | | 1610 | | 1.8 | < 0.0005 | | | 263 | | | < 0.03 | < 0.001 | 33 | 0.04 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M53-3 | 4/18/2007 | < 5 | 52 | 0.001 | | | 1190 | | 1.8 | < 0.0005 | | | 279 | | | 0.24 | < 0.001 | 35 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M53-3 | 4/28/2008 | 4 | 51 | < 0.005 | | 1230 | | | 1 | < 0.0001 | | | 300 | | | 0.2 | < 0.0001 | 38 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| M53-4 | 6/22/1998 | 5 | 109 | ND | | 1210 | | | | ND | | | 523 | | | 0.18 | ND | 36 | | ND | | ND | ND | ND |
| M53-4 | 11/30/1999 | 4 | 214 | ND | | 1350 | | | 3.3 | ND | | | 525 | | | 0.04 | ND | 34 | | ND | | ND | ND | ND |
| M53-4 | 5/29/2000 | 11 | 184 | ND | | 1520 | | | 1.9 | ND | | | 554 | | | 0.41 | ND | 41 | | ND | | ND | ND | ND |
| M53-4 | 6/19/2002 | 13 | 186 | ND | | 1390 | | | 3 | ND | | | 672 | | | 5.21 | ND | 45 | | ND | | ND | ND | ND |
| M53-4 | 5/29/2003 | < 5 | 162 | < 0.005 | | 1300 | | | 2.4 | < 0.0005 | | | 692 | | | 0.3 | < 0.001 | 40 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M53-4 | 10/24/2003 | | | | | | | | | | | | | | | | | | | | | | | |
| M53-4 | 5/5/2004 | < 5 | 79 | < 0.001 | | | 1070 | | 1.5 | < 0.0016 | | | 577 | | | 0.26 | < 0.0034 | 34 | 0.22 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M53-4 | 5/5/2005 | < 5 | 46 | < 0.001 | | | 1010 | | 2.4 | < 0.0016 | | | 542 | | | 0.14 | < 0.0034 | 31 | 0.3 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M53-4 | 6/2/2006 | < 5 | 63 | 0.003 | | | 1090 | | 3 | < 0.0005 | | | 600 | | | 0.04 | < 0.001 | 33 | 0.06 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M53-4 | 4/18/2007 | 5 | 20 | < 0.001 | | | 846 | | 2.5 | < 0.0005 | | | 420 | | | 0.14 | < 0.001 | 22 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M53-4 | 4/28/2008 | 12 | 17 | < 0.005 | | 782 | | | 3.7 | < 0.0001 | | | 470 | | | < 0.1 | < 0.0001 | 26 | < 0.002 | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| M58-1 | 6/24/1998 | 18 | 3580 | ND | | 9770 | | | | ND | | | 2590 | | | ND | ND | 250 | | ND | | 5.85 | ND | ND |
| M58-1 | 5/26/2000 | | | ND | | | | | | | | | | | | 0.04 | | 361 | | ND | | | | |
| M58-1 | 5/29/2000 | 182 | 7200 | | | 22000 | | | ND | | | | 3430 | | | | | | | | | 3.34 | ND | |
| M58-1 | 5/30/2000 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M58-1 | 6/18/2002 | ND | 5500 | ND | | 18300 | | | 2.1 | ND | | | 3980 | | | ND | ND | 392 | | ND | | 0.2 | ND | ND |
| M58-1 | 5/27/2003 | 40 | 5030 | < 0.005 | | 15900 | | | 1.5 | < 0.0005 | | | 3450 | | | < 0.01 | < 0.001 | 320 | | < 0.0001 | | 0.91 | 0.3 | < 0.0005 |
| M58-1 | 5/5/2004 | 35 | 3830 | 0.01 | | | 14300 | | 1.4 | < 0.0016 | | | 2670 | | | 0.06 | < 0.0034 | 248 | | < 0.0001 | | 0.42 | < 0.1 | < 0.0027 |
| M58-1 | 5/3/2005 | 34 | 2790 | < 0.005 | | | 10400 | | < 0.5 | < 0.0016 | | | 2060 | | | 0.04 | < 0.0034 | 180 | | < 0.0001 | | 0.39 | < 0.1 | < 0.0027 |
| M58-1 | 6/2/2006 | 5 | 4040 | < 0.01 | | | 13800 | | < 0.5 | < 0.0005 | | | 2820 | | | < 0.3 | < 0.001 | 266 | 0.3 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M58-2 | 6/24/1998 | ND | 11 | ND | | 656 | | | | ND | | | | | | ND | ND | 26 | | ND | | 6.66 | 0.24 | ND |
| M58-2 | 12/2/1999 | 13 | 88 | ND | | 2050 | | | 2.7 | ND | | | 371 | | | 0.68 | ND | 39 | | ND | | ND | ND | ND |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M58-2 | 5/29/2000 | 8 | 80 | ND | | 2090 | | | ND | ND | | | 389 | | | 2.48 | ND | 38 | | ND | | ND | ND | ND |
| M58-2 | 11/22/2000 | 8 | 91 | ND | ND | 2390 | | ND | 0.8 | ND | ND | ND | 538 | | ND | 1.74 | ND | 50 | | ND | ND | ND | ND | ND |
| M58-2 | 6/18/2002 | 12 | 66 | ND | | 2550 | | | 2.1 | ND | | | 444 | | | 3.59 | ND | 41 | | ND | | ND | ND | ND |
| M58-2 | 5/27/2003 | < 5 | 77 | < 0.005 | | 2500 | | | 2.2 | < 0.0005 | | | 442 | | | 1.49 | < 0.001 | 46 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M58-2 | 5/5/2004 | < 5 | 75 | 0.002 | | | 2280 | | 0.7 | < 0.0016 | | | 373 | | | 1.46 | < 0.0034 | 42 | | < 0.0001 | | < 0.1 | 0.13 | < 0.0027 |
| M58-2 | 5/3/2005 | < 5 | 152 | < 0.001 | | | 2280 | | 1.4 | < 0.0016 | | | 440 | | | 5.54 | < 0.0034 | 42 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M58-2 | 6/2/2006 | < 5 | 86 | 0.004 | | | 2270 | | 3 | < 0.0005 | | | 484 | | | 0.85 | < 0.001 | 37 | 0.14 | < 0.0001 | | 0.13 | 0.14 | < 0.0005 |
| M58-2 | 4/19/2007 | < 5 | 75 | 0.001 | | | 2030 | | 1.9 | < 0.0005 | | | 427 | | | 0.62 | < 0.001 | 28 | | < 0.0001 | | 0.24 | < 0.1 | < 0.0005 |
| M58-2 | 4/29/2008 | 4 | 80 | < 0.005 | | 1810 | | | 1 | < 0.0001 | | | 370 | | | 0.96 | < 0.0001 | 27 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| M58-3 | 6/24/1998 | ND | 3 | ND | | 561 | | | | ND | | | 341 | | | 0.08 | ND | 30 | | ND | | 2 | ND | ND |
| M58-3 | 12/3/1999 | 4 | 53 | ND | | 660 | | | 0.9 | ND | | | 362 | | | ND | ND | 32 | | ND | | 1.52 | ND | ND |
| M58-3 | 5/29/2000 | 3 | 3 | ND | | 610 | | | 0.6 | ND | | | 286 | | | 0.02 | ND | 27 | | ND | | 1.97 | ND | ND |
| M58-3 | 5/16/2001 | 5 | 3 | ND | | 615 | | | 1 | ND | | | 329 | | | 0.01 | ND | 32 | | ND | | 2.43 | ND | ND |
| M58-3 | 6/18/2002 | 6 | 3 | ND | | 634 | | | 1.7 | ND | | | 330 | | | ND | ND | 28 | | ND | | 1.83 | ND | ND |
| M58-3 | 5/27/2003 | < 5 | 6 | < 0.005 | | 645 | | | 1.2 | < 0.0005 | | | 341 | | | < 0.01 | < 0.001 | 30 | | < 0.0001 | | 2.34 | < 0.1 | < 0.0005 |
| M58-3 | 5/5/2004 | < 5 | 9 | < 0.001 | | | 713 | | < 0.5 | < 0.0016 | | | 385 | | | 0.02 | < 0.0034 | 31 | | < 0.0001 | | 1.48 | < 0.1 | < 0.0027 |
| M58-3 | 5/3/2005 | < 5 | 5 | < 0.001 | | | 636 | | 0.8 | < 0.0016 | | | 358 | | | < 0.01 | < 0.0034 | 30 | | < 0.0001 | | 1 | < 0.1 | < 0.0027 |
| M58-3 | 6/2/2006 | < 5 | 5 | 0.002 | | | 661 | | 1.8 | < 0.0005 | | | 352 | | | < 0.03 | < 0.001 | 29 | < 0.01 | < 0.0001 | | 0.75 | < 0.1 | < 0.0005 |
| M58-3 | 4/19/2007 | < 5 | 5 | 0.001 | | | 659 | | 1.1 | < 0.0005 | | | 352 | | | 0.06 | < 0.001 | 29 | | < 0.0001 | | 0.67 | < 0.1 | < 0.0005 |
| M58-3 | 4/29/2008 | 10 | 7 | < 0.005 | | 647 | | | 0.7 | < 0.0001 | | | 370 | | | < 0.1 | < 0.0001 | 32 | | < 0.0002 | | 0.5 | < 0.01 | < 0.0001 |
| M58-4 | 6/24/1998 | ND | 2 | | | 520 | | | | ND | | | | | | | ND | | | | | 4.25 | ND | ND |
| M58-4 | 7/1/1998 | | | ND | | | | | | | | | | | | 0.05 | | 18 | | ND | | | | |
| M58-4 | 12/3/1999 | 4 | 3 | ND | | 658 | | | 0.8 | ND | | | 329 | | | ND | ND | 21 | | ND | | 2.51 | ND | ND |
| M58-4 | 5/29/2000 | 5 | 1 | ND | | 584 | | | 0.6 | ND | | | 270 | | | 0.04 | ND | 17 | | ND | | 2.61 | ND | ND |
| M58-4 | 6/18/2002 | ND | 1 | ND | | 572 | | | 1.3 | ND | | | 304 | | | 0.01 | ND | 18 | | ND | | 0.27 | ND | ND |
| M58-4 | 5/27/2003 | < 5 | 2 | < 0.005 | | 548 | | | 0.7 | < 0.0005 | | | 280 | | | 0.02 | < 0.001 | 19 | | < 0.0001 | | 0.16 | < 0.1 | < 0.0005 |
| M58-4 | 10/24/2003 | | | | | | | | | | | | | | | | | | | | | | | |
| M58-4 | 5/5/2004 | < 5 | 6 | < 0.001 | | | 550 | | < 0.5 | < 0.0016 | | | 299 | | | < 0.01 | < 0.0034 | 18 | < 0.01 | < 0.0001 | | 0.25 | < 0.1 | < 0.0027 |
| M58-4 | 5/3/2005 | < 5 | 9 | < 0.001 | | | 603 | | 0.7 | < 0.0016 | | | 380 | | | < 0.01 | < 0.0034 | 22 | < 0.01 | < 0.0001 | | 0.13 | < 0.1 | < 0.0027 |
| M6-1 | 6/25/1991 | 43 | 1070 | | | 10240 | | | | | | | 619 | | | | | | | | | ND | ND | |
| M6-1 | 7/1/1991 | | | | | | | | | ND | | | | | | | 0.006 | | | | | | | 0.002 |
| M6-1 | 10/25/1991 | | | 0.065 | | | | | | | | | | | | 0.29 | | ND | ND | ND | | | | |
| M6-1 | 7/24/1992 | 145 | | | | | | | | | | | | | | | | | | | | | | |
| M6-1 | 7/29/1992 | 68 | 1326 | | | 8600 | | | | | | | 553 | | | | | 2 | | | | | ND | |
| M6-1 | 5/1/1993 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M6-1 | 5/17/1993 | 72 | 1964 | 0.14 | | 8628 | | | | | | | 498 | | | 0.19 | | ND | ND | ND | | ND | ND | |
| M6-1 | 4/20/1995 | 152 | 8281 | ND | | 23372 | | | | | | | 1640 | | | 0.04 | | 1 | | ND | | 0.9 | ND | |
| M6-1 | 4/21/1995 | | | | | | | | | ND | | | | | | | 0.0018 | | | | | | | 0.0007 |
| M6-1 | 4/1/1996 | 505 | 10366 | 0.02 | | 26444 | | | 19.6 | 0.0006 | | | 3140 | | | 0.03 | 0.0033 | 22 | | ND | | ND | ND | 0.0014 |
| M6-1 | 4/1/1997 | | | ND | | | | | | | | | | | | 0.24 | | 68 | | ND | | | | |
| M6-1 | 5/1/1997 | 105 | 10700 | | | 27380 | | | | ND | | | 2180 | | | | ND | | | | | ND | ND | ND |
| M6-1 | 5/8/1998 | 131 | 10100 | ND | | 23300 | | | 4.2 | ND | | | 2350 | | | 0.32 | ND | 73 | | ND | | ND | ND | ND |
| M6-1 | 5/12/1999 | 41 | 14700 | ND | | 39400 | | | | ND | | | 2630 | | | 0.16 | ND | 134 | | ND | | ND | ND | ND |
| M6-1 | 5/30/2000 | 525 | 14700 | ND | | 58100 | | | 14.9 | ND | | | 2300 | | | 1.04 | ND | 180 | | ND | | ND | ND | ND |
| M6-1 | 6/18/2002 | 16100 | 17500 | ND | | 42400 | | | 11 | ND | | | 3530 | | | 1.79 | ND | 420 | | ND | | ND | ND | ND |
| M6-1 | 5/28/2003 | < 50 | 19100 | < 0.005 | | 44700 | | | 4.2 | < 0.0005 | | | 4400 | | | 5.24 | < 0.001 | 584 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M6-1 | 5/6/2004 | 490 | 19300 | < 0.01 | | | 45300 | | < 12.5 | < 0.0016 | | | 5130 | | | 5.2 | < 0.0034 | 681 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M6-1 | 5/4/2005 | 620 | 19000 | < 0.01 | | | 46100 | | < 0.5 | < 0.0016 | | | 5020 | | | 6.8 | < 0.0034 | 664 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M6-1 | 6/2/2006 | 33 | 20618 | < 0.01 | | | 50200 | | < 0.5 | < 0.0005 | | | 5800 | | | 1.6 | < 0.001 | 779 | 0.2 | < 0.0001 | | < 1 | < 1 | < 0.0005 |
| M6-1 | 4/20/2007 | 930 | 20300 | < 0.1 | | | 52800 | | < 5 | < 0.0005 | | | 6630 | | | 12 | < 0.001 | 882 | | < 0.0001 | | < 1 | < 0.1 | < 0.0005 |
| M6-1 | 5/1/2008 | 950 | 22000 | < 0.3 | | 58800 | | | 4.1 | < 0.0005 | | | 8900 | | | 11 | < 0.0005 | 1200 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0005 |
| M6-2 | 6/25/1991 | 22 | 716 | | | 12470 | | | | | | | 722 | | | | | | | | | ND | ND | |
| M6-2 | 7/1/1991 | | | | | | | | | 0.003 | | | | | | | 0.025 | | | | | | | 0.007 |
| M6-2 | 10/25/1991 | | | ND | | | | | | | | | | | | 0.19 | | ND | ND | ND | | | | |
| M6-2 | 7/24/1992 | 145 | 1188 | | | 9940 | | | | | | | 123 | | | | | | | | | ND | ND | |
| M6-2 | 5/17/1993 | 152 | | | | | | | | | | | | | | | | | | | | | | |
| M6-2 | 7/1/1994 | | | | | | | | | 0.0045 | | | | | | | 0.0323 | | | | | | | 0.0149 |
| M6-2 | 7/6/1994 | 320 | 5870 | ND | | 15000 | | | | | | | 610 | | | 0.04 | | ND | ND | ND | | 13.4 | ND | |
| M6-2 | 4/20/1995 | 132 | 6487 | ND | | 22698 | | | | | | | 658 | | | 0.04 | | ND | | ND | | 1.85 | ND | |
| M6-2 | 4/21/1995 | | | | | | | | | 0.0017 | | | | | | | 0.0131 | | | | | | | 0.0055 |
| M6-2 | 4/1/1996 | 703 | 11188 | ND | | 28889 | | | 10.8 | ND | | | 1080 | | | 0.03 | 0.0379 | ND | | ND | | ND | ND | 0.0149 |
| M6-2 | 4/1/1997 | | | ND | | | | | | | | | | | | 0.03 | | 5 | | ND | | | | |
| M6-2 | 5/1/1997 | 53 | 6730 | | | 23488 | | | | 0.0032 | | | 1461 | | | | 0.0257 | | | | | ND | ND | 0.009 |
| M6-2 | 5/8/1998 | 44 | 4180 | ND | | 17400 | | | ND | 0.0035 | | | 1740 | | | 0.04 | 0.03 | ND | | ND | | 0.1 | ND | 0.0094 |
| M6-2 | 5/12/1999 | 30 | 4850 | ND | | 19700 | | | | 0.0019 | | | 1793 | | | ND | 0.0131 | 5 | | ND | | 0.12 | ND | 0.0046 |
| M6-2 | 5/30/2000 | 575 | 17400 | ND | | 42200 | | | 6.9 | 0.0038 | | | 3710 | | | 0.02 | 0.0372 | 191 | | ND | | 5.86 | ND | 0.0123 |
| M6-2 | 6/18/2002 | 57 | 14500 | 0.008 | | 39500 | | | 12.1 | 0.0066 | | | 7910 | | | ND | 0.0543 | 708 | | ND | | ND | ND | 0.0129 |
| M6-2 | 5/28/2003 | < 50 | 13200 | < 0.005 | | 32200 | | | 10.4 | 0.004 | | | 6410 | | | < 0.01 | 0.0354 | 551 | | < 0.0001 | | < 0.1 | < 0.1 | 0.008 |
| M6-2 | 5/6/2004 | 660 | 20400 | < 0.01 | | | 46600 | | 8.7 | 0.0022 | | | 12300 | | | < 0.1 | 0.0164 | 1400 | | < 0.0001 | | < 0.1 | < 0.1 | 0.0042 |
| M6-2 | 5/4/2005 | 720 | 18000 | < 0.01 | | | 43200 | | < 0.5 | 0.002 | | | 10600 | | | < 0.1 | 0.0161 | 1270 | | < 0.0001 | | < 0.1 | < 0.1 | 0.0034 |
| M6-2 | 6/6/2006 | 835 | 24100 | < 0.01 | | | 57600 | | < 0.5 | 0.0034 | | | 15300 | | | < 0.3 | 0.0236 | 2100 | < 0.1 | < 0.0001 | | < 0.1 | < 0.1 | 0.0054 |
| M6-2 | 4/20/2007 | 910 | 25600 | < 0.1 | | | 60300 | | < 5 | 0.005 | | | 15600 | | | < 3 | 0.0453 | 2190 | | < 0.0001 | | < 1 | < 0.1 | 0.0086 |
| M6-2 | 5/1/2008 | 770 | 25000 | < 0.3 | | 64700 | | | 4.5 | < 0.005 | | | 12000 | | | < 5 | 0.023 | 1500 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.005 |
| M6-3 | 6/25/1991 | 28 | 5200 | | | 36520 | | | | | | | 737 | | | | | | | | | ND | ND | |
| M6-3 | 7/1/1991 | | | | | | | | | ND | | | | | | | 0.004 | | | | | | | 0.001 |
| M6-3 | 10/25/1991 | | | 0.13 | | | | | | | | | | | | 0.24 | | ND | ND | ND | | | | |
| M6-3 | 7/1/1992 | | | | | | | | | ND | | | | | | | 0.0037 | | | | | | | 0.0014 |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M6-3 | 7/24/1992 | 40 | 106 | | | 23270 | | | | | | | 725 | | | | | | | | | ND | ND | |
| M6-3 | 8/24/1992 | | | ND | | | | | | | | | | | | 0.18 | | ND | ND | ND | | | | |
| M6-3 | 5/13/1993 | 32 | 191 | ND | | 20000 | | | | | | | 1525 | | | 0.08 | | ND | ND | ND | | ND | ND | |
| M6-3 | 7/1/1994 | | | | | | | | | ND | | | | | | | 0.00195 | | | | | | | ND |
| M6-3 | 7/6/1994 | 17 | | | | | | | | | | | | | | | | | | ND | | | | |
| M6-3 | 4/20/1995 | ND | 125 | ND | | 15699 | | | | | | | 1093 | | | 0.04 | | ND | | ND | | ND | ND | |
| M6-3 | 4/21/1995 | | | | | | | | | ND | | | | | | | 0.0021 | | | | | | | 0.0008 |
| M6-3 | 4/1/1996 | 27 | 149 | ND | | 13500 | | | 8.8 | 0.0008 | | | 1480 | | | 0.05 | 0.0065 | ND | | ND | | ND | ND | 0.0024 |
| M6-3 | 4/1/1997 | | | ND | | | | | | | | | | | | 0.03 | | ND | | ND | | | | |
| M6-3 | 5/1/1997 | 20 | 156 | | | 13314 | | | | 0.0006 | | | 1270 | | | | 0.0051 | | | | | ND | ND | 0.002 |
| M6-3 | 5/8/1998 | 28 | 269 | ND | | 11300 | | | 7.6 | 0.0007 | | | 1410 | | | 0.02 | 0.0059 | ND | | ND | | ND | ND | 0.0024 |
| M6-3 | 5/12/1999 | 34 | 350 | ND | | 11300 | | | | 0.0006 | | | 1570 | | | 0.02 | 0.0042 | ND | | ND | | ND | ND | 0.0017 |
| M6-3 | 12/2/1999 | 48 | 365 | ND | | 11600 | | | 13.1 | ND | | | 1480 | | | ND | 0.0048 | ND | | ND | | ND | ND | ND |
| M6-3 | 5/30/2000 | 78 | 666 | ND | | 11600 | | | 25.2 | ND | | | 1610 | | | ND | ND | ND | | ND | | ND | ND | ND |
| M6-3 | 5/15/2001 | 107 | 778 | ND | | 8970 | | | 32.6 | ND | | | 1710 | | | ND | ND | ND | | ND | | ND | ND | ND |
| M6-3 | 6/18/2002 | 78 | 582 | 0.007 | | 10800 | | | 38.1 | ND | | | 2390 | | | ND | 0.0063 | ND | | ND | | ND | ND | ND |
| M6-3 | 5/28/2003 | 78 | 634 | 0.007 | | 10800 | | | 23.2 | 0.0006 | | | 1520 | | | < 0.01 | 0.0042 | 10 | | < 0.0001 | | < 0.1 | < 0.1 | 0.0014 |
| M6-3 | 5/6/2004 | 88 | 698 | 0.01 | | | 10800 | | 29.9 | < 0.0016 | | | 1660 | | | < 0.1 | 0.0044 | < 1 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M6-3 | 5/4/2005 | 90 | 755 | 0.007 | | | 10500 | | 28.5 | < 0.0016 | | | 1600 | | | 0.04 | < 0.0034 | 3 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M6-3 | 6/6/2006 | 109 | 649 | 0.01 | | | 9750 | | 24 | < 0.0005 | | | 2060 | | | < 0.3 | 0.0032 | 3 | < 0.1 | < 0.0001 | | < 0.1 | < 0.1 | 0.001 |
| M6-3 | 4/20/2007 | 87 | 842 | < 0.05 | | | 11800 | | 24.8 | 0.0005 | | | 2060 | | | < 0.3 | 0.0039 | < 10 | | < 0.0001 | | < 1 | < 0.1 | 0.0011 |
| M6-3 | 1/5/2008 | 110 | 820 | 0.015 | | 10800 | | | 30.4 | < 0.0005 | | | 2100 | | | < 0.5 | 0.0019 | < 0.3 | | < 0.0002 | | < 0.1 | < 0.01 | 0.0005 |
| M9-1 | 6/24/1991 | 11 | 811 | ND | | 3785 | | | | | | | 618 | | | 1.02 | | 58 | 0.2 | ND | | ND | ND | |
| M9-1 | 7/1/1991 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M9-1 | 7/1/1992 | | | | | | | | | ND | | | | | | | 0.0011 | | | | | | | ND |
| M9-1 | 7/27/1992 | 31 | 1335 | 0.07 | | 6480 | | | | | | | 55 | | | ND | | ND | ND | ND | | 0.19 | ND | |
| M9-1 | 5/1/1993 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M9-1 | 5/13/1993 | 11 | 2361 | | | 10766 | | | | | | | 110 | | | | | | | | | ND | ND | |
| M9-1 | 5/17/1993 | | | ND | | | | | | | | | | | | 0.01 | | ND | 0.01 | ND | | | | |
| M9-1 | 7/1/1994 | | | | | | | | | 0.00058 | | | | | | | 0.00284 | | | | | | | 0.0013 |
| M9-1 | 7/6/1994 | 130 | 5910 | ND | | 19300 | | | | | | | 1400 | | | ND | | 66 | ND | ND | | 16.1 | ND | |
| M9-1 | 4/1/1997 | | | | | | | | | | | | | | | 0.05 | | 35 | | | | | | |
| M9-1 | 5/8/1998 | 289 | 18800 | ND | | 49700 | | | ND | 0.0022 | | | 12200 | | | 0.03 | 0.0026 | 1250 | | ND | | ND | ND | 0.0044 |
| M9-1 | 2/12/1999 | | 28560 | | | 56600 | | | | | | | | | | | | | | | | | | |
| M9-1 | 5/11/1999 | 176 | 23400 | ND | | 55200 | | | | 0.0019 | | | 15000 | | | 0.62 | 0.0035 | 7910 | | ND | | ND | ND | 0.0037 |
| M9-2 | 6/17/1991 | ND | 435 | ND | | 1894 | | | | | | | 455 | | | 0.39 | | 41 | 0.16 | ND | | ND | ND | |
| M9-2 | 7/1/1991 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M9-2 | 7/27/1992 | 8 | 150 | 0.06 | | 1070 | | | | | | | 369 | | | 3.5 | | 29 | 0.04 | ND | | 0.3 | ND | |
| M9-2 | 5/13/1993 | 10 | 42 | | | 718 | | | | | | | 245 | | | | | | | | | ND | ND | |
| M9-2 | 5/17/1993 | | | ND | | | | | | | | | | | | 0.23 | | 25 | ND | ND | | | | |
| M9-2 | 7/1/1994 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M9-2 | 7/6/1994 | ND | 44.2 | ND | | 870 | | | | | | | 400 | | | 6.32 | | 23.7 | ND | 0.00024 | | ND | ND | |
| M9-2 | 4/20/1995 | 3 | 49 | ND | | 827 | | | | | | | 424 | | | 4.6 | | 27 | | ND | | ND | ND | |
| M9-2 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M9-2 | 4/1/1996 | 8 | 43 | ND | | 798 | | | 3 | ND | | | 427 | | | 6.38 | ND | 26 | | ND | | ND | ND | ND |
| M9-2 | 4/1/1997 | | | 0.02 | | | | | | | | | | | | 8.33 | | 26 | | ND | | | | |
| M9-2 | 5/1/1997 | 8 | 47 | | | 751 | | | 3.9 | ND | | | 380 | | | | ND | | | | | ND | ND | ND |
| M9-2 | 5/8/1998 | 11 | 105 | ND | | 920 | | | ND | ND | | | 449 | | | 4.61 | ND | 27 | | ND | | ND | ND | ND |
| M9-2 | 5/11/1999 | 110 | 303 | ND | | 1780 | | | | ND | | | 672 | | | 5.37 | ND | 43 | | ND | | ND | ND | ND |
| M9-2 | 5/25/2000 | 23 | 138 | | | 1050 | | | 7.1 | ND | | | 531 | | | | ND | | | | | ND | ND | ND |
| M9-2 | 5/26/2000 | | | ND | | | | | | | | | | | | 3.47 | | 33 | | ND | | | | |
| M9-2 | 5/14/2001 | 10 | 75 | ND | | 617 | | | 1.3 | ND | | | 167 | | | 0.07 | ND | 17 | | ND | | ND | ND | ND |
| M9-2 | 6/18/2002 | 18 | 58 | ND | | 702 | | | 1.2 | ND | | | 187 | | | 0.05 | ND | 23 | | ND | | ND | ND | ND |
| M9-2 | 5/29/2003 | < 5 | 53 | < 0.005 | | 677 | | | 0.7 | < 0.0005 | | | 195 | | | 0.07 | < 0.001 | 25 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M9-2 | 5/4/2004 | 7 | 54 | < 0.005 | | | 689 | | 0.7 | < 0.0016 | | | 207 | | | 0.09 | < 0.0034 | 26 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M9-2 | 5/5/2005 | < 5 | 53 | < 0.001 | | | 658 | | 1.3 | < 0.0016 | | | 184 | | | 0.2 | < 0.0034 | 24 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M9-2 | 5/31/2006 | < 5 | 59 | < 0.001 | | | 678 | | 0.8 | < 0.0005 | | | 178 | | | < 0.03 | < 0.001 | 22 | < 0.01 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M9-2 | 4/20/2007 | 13 | 94 | 0.001 | | | 952 | | 3.7 | < 0.0005 | | | 274 | | | 0.49 | < 0.001 | 35 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M9-2 | 4/29/2008 | 8 | 80 | < 0.005 | | 825 | | | 1.5 | < 0.0001 | | | 240 | | | 0.33 | < 0.0001 | 29 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| M9-3 | 6/17/1991 | 12 | 183 | ND | | 1072 | | | | | | | 288 | | | 0.15 | | 38 | ND | ND | | ND | ND | |
| M9-3 | 7/1/1991 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M9-3 | 7/27/1992 | ND | 55 | 0.07 | | 673 | | | | | | | 178 | | | 0.02 | | 46 | 0.01 | ND | | ND | ND | |
| M9-3 | 5/13/1993 | 5 | 42 | | | 706 | | | | | | | 226 | | | | | | | | | 0.7 | ND | |
| M9-3 | 5/17/1993 | | | ND | | | | | | | | | | | | 0.04 | | 30 | ND | ND | | | | |
| M9-3 | 7/6/1994 | 77 | 420 | ND | | 600 | | | | | | | 120 | | | ND | | 15.9 | ND | ND | | ND | 0.53 | |
| M9-3 | 4/20/1995 | 3 | 34 | ND | | 556 | | | | | | | 82 | | | 0.07 | | 12 | | ND | | ND | ND | |
| M9-3 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| M9-3 | 4/1/1996 | 11 | 58 | ND | | 550 | | | 0.2 | ND | | | 128 | | | 0.27 | ND | 19 | | ND | | ND | ND | ND |
| M9-3 | 4/1/1997 | | | ND | | | | | | | | | | | | 0.01 | | 17 | | ND | | | | |
| M9-3 | 5/1/1997 | 9 | 31 | | | 543 | | | 1 | ND | | | 132 | | | | ND | | | | | ND | ND | ND |
| M9-3 | 5/8/1998 | ND | 50 | ND | | 523 | | | 0.9 | ND | | | 117 | | | 0.07 | ND | 15 | | ND | | ND | ND | ND |
| M9-3 | 2/12/1999 | 14 | 35 | ND | | 567 | | | | ND | | | 164 | | | 0.05 | ND | 21 | | ND | | ND | ND | ND |
| M9-3 | 5/11/1999 | 14 | 41 | ND | | 536 | | | | ND | | | 126 | | | 0.03 | ND | 16 | | ND | | ND | ND | ND |
| M9-3 | 5/26/2000 | ND | 31 | ND | | 617 | | | 0.9 | ND | | | 193 | | | 0.05 | ND | 25 | | ND | | ND | ND | ND |
| M9-3 | 5/14/2001 | 23 | 220 | ND | ND | 1540 | | ND | 6.2 | ND | ND | ND | 684 | | ND | 3.87 | ND | 44 | | ND | ND | ND | ND | ND |
| M9-3 | 6/18/2002 | 21 | | ND | | | | | | ND | | | | | | 4.54 | ND | 53 | | ND | | | | ND |
| M9-3 | 5/29/2003 | 30 | 277 | < 0.005 | | 2020 | | | 10 | < 0.0005 | | | 967 | | | 4.35 | < 0.001 | 59 | | < 0.05 | | < 0.1 | < 0.1 | < 0.0005 |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M9-3 | 5/4/2004 | 29 | 209 | < 0.005 | | | 1830 | | 9.2 | < 0.0016 | | | 772 | | | 4.06 | < 0.0034 | 51 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M9-3 | 5/5/2005 | 28 | 191 | < 0.001 | | | 1680 | | 8.4 | < 0.0016 | | | 676 | | | 11.3 | < 0.0034 | 43 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M9-3 | 5/31/2006 | 25 | 207 | 0.002 | | | 1800 | | 11.9 | < 0.0005 | | | 691 | | | 5.2 | < 0.001 | 46 | 0.16 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| M9-3 | 4/20/2007 | 36 | 169 | 0.002 | | | 1670 | | 11.3 | < 0.0005 | | | 628 | | | 6.98 | < 0.001 | 41 | | < 0.0001 | | 0.24 | < 0.1 | < 0.0005 |
| M9-3 | 4/29/2008 | 36 | 180 | < 0.005 | | 1630 | | | 11.3 | < 0.0001 | | | 610 | | | 7.9 | < 0.0001 | 42 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| M9R-1 | 12/20/1999 | 283 | 20700 | ND | | 45000 | | | 9.2 | ND | | | 9960 | | | 1.44 | ND | 1320 | | ND | | ND | ND | 0.0001 |
| M9R-1 | 5/25/2000 | 366 | 20400 | | | 50000 | | | 10.4 | ND | | | 14900 | | | | ND | | | | | ND | ND | ND |
| M9R-1 | 5/26/2000 | | | ND | | | | | | | | | | | | 7.4 | | 17 | | ND | | | | |
| M9R-1 | 5/14/2001 | 975 | 24800 | ND | | 41900 | | | 5.2 | ND | | | 10800 | | | 14.6 | ND | 1480 | | ND | | ND | ND | ND |
| M9R-1 | 6/19/2002 | 230 | 25900 | ND | | 60800 | | | 4.5 | ND | | | 14300 | | | 21.7 | ND | 1950 | | ND | | ND | ND | ND |
| M9R-1 | 5/29/2003 | < 50 | 25000 | < 0.005 | | 60500 | | | 4 | < 0.005 | | | 14700 | | | 19.7 | < 0.01 | 1970 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.005 |
| M9R-1 | 5/4/2004 | 695 | 23400 | < 0.005 | | | 52200 | | 5.7 | < 0.0016 | | | 11500 | | | 7.11 | < 0.0034 | 1590 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M9R-1 | 5/3/2005 | 1320 | 21600 | < 0.005 | | | 47400 | | < 0.5 | < 0.0016 | | | 10500 | | | 4.18 | < 0.0034 | 1470 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| M9R-1 | 6/2/2006 | 139 | 23404 | < 0.01 | | | 55400 | | < 0.5 | < 0.0005 | | | 14000 | | | 18.1 | < 0.001 | 1910 | 0.7 | < 0.0001 | | < 1 | < 1 | < 0.0005 |
| M9R-1 | 4/20/2007 | 1010 | 24200 | < 0.1 | | | 59900 | | < 5 | < 0.0005 | | | 15100 | | | 12 | < 0.001 | 2030 | | < 0.0001 | | < 1 | < 0.1 | < 0.0005 |
| M9R-1 | 4/29/2008 | 1300 | 27000 | < 0.5 | | 66200 | | | 3.5 | < 0.003 | | | 18000 | | | 21 | < 0.003 | 2500 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.003 |
| OW1 | 7/6/1994 | ND | 39.1 | ND | | 750 | | | | | | | 180 | | | 0.06 | | 24.2 | ND | 0.00012 | | ND | ND | |
| OW1 | 11/25/1994 | 66 | 71.7 | ND | | 1100 | | | | 0.00891 | | | 270 | | | 0.023 | ND | 32.5 | | ND | | ND | ND | ND |
| OW1 | 4/20/1995 | 28 | 53 | ND | | 1034 | | | | | | | 256 | | | 0.02 | | 33 | | ND | | ND | ND | |
| OW1 | 4/21/1995 | | | | | | | | | 0.0045 | | | | | | | ND | | | | | | | ND |
| OW1 | 11/2/1995 | 38 | 48 | | | 987 | | | | | | | 186 | | | | | | | | | 0.21 | ND | |
| OW1 | 11/3/1995 | | | 1.12 | | | | | | ND | | | | | | 0.08 | ND | 24 | | ND | | | | ND |
| OW1 | 4/1/1996 | 18 | 48 | 0.02 | | 1044 | | | 2.5 | ND | | | 285 | | | 0.15 | ND | 40 | | ND | | ND | ND | ND |
| OW1 | 11/1/1996 | 41 | 53 | 0.51 | | 1017 | | | | 0.0007 | | | 280 | | | 0.06 | ND | 40 | | ND | | ND | ND | ND |
| OW1 | 5/1/1997 | 40 | 56 | ND | | 995 | | | ND | ND | | | 247 | | | 0.03 | ND | 32 | | ND | | ND | ND | ND |
| OW1 | 11/1/1997 | | | | | | | | | 0.0118 | | | | | | | ND | | | | | | | ND |
| OW1 | 5/8/1998 | 11 | 71 | ND | | 1020 | | | 2.9 | 0.0011 | | | 246 | | | 0.08 | ND | 33 | | ND | | ND | ND | ND |
| OW1 | 11/18/1998 | 11 | 56 | ND | | 1080 | | | | 0.0054 | | | 269 | | | 0.08 | ND | 35 | | ND | | ND | ND | ND |
| OW1 | 5/10/1999 | 17 | 52 | ND | | 1020 | | | | 0.0042 | | | 251 | | | 0.02 | ND | 33 | | ND | | ND | ND | ND |
| OW1 | 11/18/1999 | | | | | | | | | 0.0054 | | | | | | | ND | | | | | | | ND |
| OW1 | 12/2/1999 | 18 | 57 | ND | | 1130 | | | 1.4 | ND | | | 248 | | | ND | ND | 33 | | ND | | ND | ND | ND |
| OW1 | 5/25/2000 | 17 | 58 | | | 1040 | | | 5.6 | ND | | | 256 | | | | ND | | | | | ND | ND | ND |
| OW1 | 5/26/2000 | | | ND | | | | | | | | | | | | 0.01 | | 33 | | ND | | | | |
| OW1 | 11/21/2000 | 23 | 51 | ND | | 1020 | | | 3.1 | ND | | | 241 | | | 0.2 | ND | 33 | | ND | | ND | ND | ND |
| OW1 | 5/15/2001 | 35 | 58 | ND | | 1030 | | | 2.8 | ND | | | 20 | | | 0.03 | ND | 34 | | 0.0001 | | ND | ND | ND |
| OW1 | 12/1/2001 | 7 | 53 | 0.39 | | 1050 | | | 2.1 | ND | | | 235 | | | 0.02 | ND | 31 | | ND | | ND | ND | ND |
| OW1 | 5/29/2002 | 16 | 58 | ND | | 1010 | | | 0.9 | ND | | | 235 | | | 0.02 | ND | 31 | | ND | | ND | ND | ND |
| OW1 | 11/21/2002 | 6 | 58 | ND | | 1160 | | | 3.7 | ND | | | 286 | | | 0.04 | ND | 38 | | ND | | ND | ND | ND |
| OW1 | 5/27/2003 | 10 | 58 | < 0.005 | | 1060 | | | 4.5 | 0.0055 | | | 240 | | | 0.05 | < 0.001 | 31 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW1 | 10/23/2003 | 21 | 69 | < 0.005 | | | 1100 | | 5.2 | 0.0067 | | | 238 | | | 0.02 | < 0.0034 | 31 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW1 | 5/5/2004 | 20 | 51 | 0.001 | | | 1010 | | 1.5 | < 0.0016 | | | 233 | | | 0.06 | < 0.0034 | 30 | | < 0.0001 | | 0.12 | < 0.1 | < 0.0027 |
| OW1 | 11/11/2004 | 11 | 79 | 0.002 | | | 1140 | | 4.9 | < 0.0016 | | | 271 | | | 0.04 | < 0.0034 | 33 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW1 | 5/3/2005 | 23 | 60 | 0.002 | | | 1010 | | < 0.5 | 0.0031 | | | 243 | | | 0.03 | < 0.0034 | 30 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW1 | 11/1/2005 | < 5 | 62 | 0.003 | | | 1030 | | 1.3 | < 0.0016 | | | 258 | | | 0.03 | < 0.0034 | 33 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW1 | 5/31/2006 | 36 | 56 | < 0.001 | | | 1030 | | 1.2 | 0.0042 | | | 233 | | | < 0.03 | < 0.001 | 30 | < 0.01 | < 0.01 | | < 0.1 | < 0.1 | < 0.0005 |
| OW1 | 11/16/2006 | 31 | 57 | 0.003 | | | 1060 | | 1.6 | 0.0007 | | | 274 | | | 0.04 | < 0.001 | 35 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW1 | 4/20/2007 | 16 | 56 | 0.002 | | | 1070 | | 1.6 | < 0.0005 | | | 233 | | | < 0.03 | < 0.001 | 30 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW1 | 10/17/2007 | 33 | 57 | 0.003 | | | 1030 | | 1.5 | 0.0046 | | | 249 | | | 0.04 | < 0.001 | 32 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW1 | 4/30/2008 | 23 | 56 | < 0.005 | | 1050 | | | 1.2 | 0.0023 | | | 250 | | | < 0.1 | 0.0002 | 32 | | < 0.0002 | | < 0.1 | < 0.01 | 0.0002 |
| OW1 | 11/18/2008 | 26 | 55 | < 0.005 | | 1110 | | | 2.3 | 0.0054 | | | 230 | | | < 0.1 | 0.0001 | 30 | | < 0.0002 | | < 0.1 | < 0.01 | 0.0002 |
| OW4 | 7/1/1994 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW4 | 7/6/1994 | ND | 379 | ND | | 2800 | | | | | | | 680 | | | 8.9 | | 101 | 0.37 | ND | | ND | ND | |
| OW4 | 11/25/1994 | 230 | 750 | ND | | 3600 | | | | ND | | | 1700 | | | 19.7 | ND | 170 | | ND | | ND | ND | ND |
| OW4 | 4/20/1995 | 162 | 803 | ND | | 3852 | | | | | | | 1721 | | | 8.61 | | 200 | | ND | | ND | ND | |
| OW4 | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW4 | 11/2/1995 | 167 | 761 | | | 3583 | | | | | | | 1480 | | | | | | | | | ND | ND | |
| OW4 | 11/3/1995 | | | 0.01 | | | | | | ND | | | | | | 23.3 | ND | 185 | | ND | | | | ND |
| OW4 | 4/1/1996 | 139 | 728 | 0.18 | | 3616 | | | 48.9 | ND | | | 1480 | | | 8.5 | ND | 187 | | ND | | ND | ND | ND |
| OW4 | 11/1/1996 | 124 | 658 | ND | | 3348 | | | | ND | | | 1250 | | | 15.3 | ND | 153 | | ND | | ND | ND | ND |
| OW4 | 5/1/1997 | 129 | 717 | 0.01 | | 3209 | | | 38.5 | ND | | | 1214 | | | 12.3 | ND | 153 | | ND | | ND | ND | ND |
| OW4 | 11/1/1997 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW4 | 5/8/1998 | 92 | 510 | ND | | 2970 | | | ND | ND | | | 897 | | | 9.75 | ND | 136 | | ND | | ND | ND | ND |
| OW4 | 11/18/1998 | 124 | 557 | ND | | 3160 | | | | ND | | | 1270 | | | 6.36 | ND | 155 | | ND | | 0.15 | ND | ND |
| OW4 | 5/10/1999 | 121 | 662 | ND | | 3430 | | | | ND | | | 1140 | | | 8.86 | ND | 142 | | ND | | ND | ND | ND |
| OW4 | 12/2/1999 | 77 | 596 | ND | | 3550 | | | 48.5 | ND | | | 1080 | | | 4.38 | ND | 138 | | ND | | 0.1 | ND | ND |
| OW4 | 5/26/2000 | 157 | 800 | ND | | 3560 | | | 62.8 | ND | | | 1040 | | | 16.5 | ND | 135 | | ND | | 0.11 | ND | ND |
| OW4 | 11/21/2000 | 135 | 749 | ND | | 3650 | | | 55.2 | 0.0116 | | | 1270 | | | 12.2 | ND | 161 | | ND | | ND | ND | ND |
| OW4 | 5/15/2001 | 141 | 663 | ND | | 3600 | | | 50.5 | ND | | | 113 | | | 17.4 | ND | 162 | | ND | | ND | ND | ND |
| OW4 | 12/1/2001 | 165 | 721 | ND | | 3940 | | | 53.2 | ND | | | 1220 | | | 6.72 | ND | 147 | | ND | | 0.1 | ND | ND |
| OW4 | 5/29/2002 | 270 | 850 | 0.005 | | 4130 | | | 63 | ND | | | 1160 | | | 14.6 | ND | 139 | | 0.0004 | | ND | ND | ND |
| OW4 | 11/21/2002 | | | ND | | | | | | ND | | | | | | 10.7 | ND | 144 | | ND | | | | ND |
| OW4 | 11/22/2002 | 164 | 631 | | | 3760 | | | 57.5 | | | | 998 | | | | | | | | | ND | ND | |
| OW4 | 5/27/2003 | 174 | 677 | < 0.005 | | 3760 | | | 51.8 | < 0.0005 | | | 1050 | | | 14.3 | < 0.001 | 136 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW4 | 10/23/2003 | 133 | 575 | < 0.005 | | | 3530 | | 44.2 | < 0.0016 | | | 940 | | | 6.22 | < 0.0034 | 121 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW4 | 5/5/2004 | 194 | 683 | < 0.01 | | | 3890 | | 55.7 | < 0.0016 | | | 1030 | | | 13.6 | < 0.0034 | 128 | | < 0.0001 | | 0.19 | < 0.1 | < 0.0027 |
| OW4 | 11/11/2004 | 143 | 620 | 0.003 | | | 3590 | | 45.6 | < 0.0016 | | | 1120 | | | 4.52 | < 0.0034 | 137 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW4 | 5/3/2005 | 115 | 581 | 0.005 | | | 3450 | | 39 | 0.0024 | | | 935 | | | 10.3 | < 0.0034 | 110 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OW4 | 11/1/2005 | 133 | 566 | < 0.005 | | | 3260 | | 43.8 | < 0.0016 | | | 1090 | | | 13.5 | < 0.0034 | 136 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW4 | 5/31/2006 | 134 | 568 | 0.004 | | | 3690 | | 50.9 | < 0.0005 | | | 922 | | | 7.38 | < 0.001 | 113 | 0.26 | < 0.01 | | < 0.1 | < 0.1 | < 0.0005 |
| OW4 | 11/16/2006 | 118 | 488 | < 0.005 | | | 3420 | | 39.1 | < 0.0005 | | | 897 | | | 8.11 | < 0.001 | 111 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW4 | 4/19/2007 | 130 | 527 | 0.004 | | | 3550 | | 43.2 | < 0.0005 | | | 910 | | | 10.9 | < 0.001 | 113 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW4 | 10/17/2007 | 132 | 501 | < 0.005 | | | 3280 | | 40.2 | 0.0008 | | | 803 | | | 14.6 | < 0.001 | 98 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW4 | 4/30/2008 | 150 | 540 | < 0.03 | | 3640 | | | 45.5 | 0.0071 | | | 900 | | | 11 | < 0.0002 | 120 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0002 |
| OW4 | 11/18/2008 | 140 | 530 | < 0.005 | | 3590 | | | 43.2 | 0.012 | | | 900 | | | 1.2 | < 0.0003 | 120 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0003 |
| OW54-d | 7/1/1994 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW54-d | 7/6/1994 | 5.3 | 122 | ND | | 1000 | | | | | | | 330 | | | 0.07 | | 21.3 | ND | ND | | ND | ND | |
| OW54-d | 11/25/1994 | 29 | 60.2 | 0.04 | | | | | | ND | | | 320 | | | 3.44 | ND | 27.6 | | ND | | ND | ND | ND |
| OW54-d | 4/20/1995 | 5 | 36 | ND | | 695 | | | | | | | 188 | | | 4.01 | | 22 | | ND | | ND | ND | |
| OW54-d | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW54-d | 11/2/1995 | 5 | 33 | | | 669 | | | | | | | 196 | | | | | | | | | ND | ND | |
| OW54-d | 11/3/1995 | | | ND | ND | | | ND | | ND | ND | ND | | | ND | 0.17 | ND | 24 | | ND | ND | | | ND |
| OW54-d | 4/1/1996 | ND | 45 | ND | ND | 750 | | ND | 1.5 | ND | ND | ND | 203 | | ND | 0.43 | ND | 22 | | ND | ND | ND | ND | ND |
| OW54-d | 11/1/1996 | ND | 50 | ND | | 784 | | | | ND | | | 295 | | | 0.3 | ND | 23 | | ND | | ND | ND | ND |
| OW54-d | 5/1/1997 | | 62 | 0.03 | ND | 801 | | ND | 4.8 | ND | ND | 0.0001 | 322 | | ND | 0.87 | ND | 32 | | ND | ND | ND | ND | ND |
| OW54-d | 10/1/1997 | 5 | 36 | ND | ND | 711 | | ND | 0.7 | ND | ND | ND | 173 | | ND | 0.06 | ND | 22 | | ND | ND | ND | ND | ND |
| OW54-d | 5/8/1998 | 5 | 69 | ND | | 818 | | | 1 | ND | | | 171 | | | 0.49 | ND | 21 | | ND | | ND | ND | ND |
| OW54-d | 6/25/1998 | | | | ND | | | ND | | ND | ND | ND | | | ND | | ND | | | | ND | | | ND |
| OW54-d | 11/18/1998 | ND | 50 | ND | ND | 721 | | ND | | ND | ND | ND | 195 | | ND | ND | ND | 25 | | ND | ND | ND | ND | ND |
| OW54-d | 2/10/1999 | 22 | 57 | ND | | 702 | | | | ND | | | 207 | | | 0.08 | ND | 26 | | ND | | 0.21 | ND | ND |
| OW54-d | 5/10/1999 | 3 | 32 | ND | ND | 633 | | ND | | ND | ND | ND | 190 | | ND | 0.05 | ND | 25 | | ND | ND | ND | ND | ND |
| OW54-d | 11/18/1999 | ND | 50 | ND | ND | 721 | | ND | | ND | ND | ND | 195 | | ND | ND | ND | 25 | | ND | ND | ND | ND | ND |
| OW54-d | 12/2/1999 | | | ND | | | | | | | | | | | | 0.4 | | 41 | | ND | | | | |
| OW54-d | 12/3/1999 | 16 | 196 | | ND | 1540 | | ND | 5.9 | ND | ND | ND | 484 | | ND | | ND | | | | ND | ND | ND | ND |
| OW54-d | 5/15/2000 | | | | ND | | | ND | | ND | ND | ND | | | ND | | ND | | | | ND | | | ND |
| OW54-d | 5/25/2000 | 30 | 36 | ND | | 684 | | | 10 | | | | 191 | | | 0.07 | | 24 | | ND | | ND | ND | |
| OW54-d | 11/22/2000 | 13 | 220 | ND | ND | 1270 | | ND | 3.6 | ND | ND | ND | 362 | | ND | 1.09 | ND | 32 | | ND | ND | ND | ND | ND |
| OW54-d | 5/14/2001 | 8 | 85 | ND | ND | 757 | | ND | 1 | ND | ND | ND | 211 | | ND | 0.05 | ND | 27 | | ND | ND | ND | ND | ND |
| OW54-d | 12/1/2001 | ND | 57 | ND | | 696 | | | 0.9 | ND | | | 190 | | | 0.04 | ND | 25 | | ND | | ND | ND | ND |
| OW54-d | 5/29/2002 | ND | 55 | ND | ND | 710 | | ND | 0.6 | ND | ND | ND | 186 | | ND | 0.04 | ND | 24 | | ND | ND | 1 | ND | ND |
| OW54-d | 11/21/2002 | ND | 53 | ND | ND | 698 | | ND | 1.2 | ND | ND | ND | 194 | | ND | 0.03 | ND | 24 | | ND | ND | ND | ND | ND |
| OW54-d | 5/29/2003 | < 5 | 53 | < 0.005 | < 0.0002 | 691 | | < 0.0001 | 0.8 | < 0.0005 | < 0.0001 | < 0.0001 | 198 | < 0.0001 | | 0.02 | < 0.001 | 25 | | < 0.0001 | < 0.0001 | < 0.1 | < 0.1 | < 0.0005 |
| OW54-d | 10/23/2003 | < 5 | 50 | < 0.005 | < 0.0033 | | 687 | < 0.0021 | 1 | < 0.0016 | < 0.0015 | < 0.001 | 184 | < 0.0019 | | 0.03 | < 0.0034 | 24 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| OW54-d | 5/4/2004 | < 5 | 61 | < 0.005 | < 0.0033 | | 725 | < 0.0021 | < 0.5 | < 0.0016 | < 0.0015 | < 0.001 | 199 | < 0.0019 | | 0.03 | < 0.0034 | 24 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| OW54-d | 11/11/2004 | < 5 | 53 | 0.002 | < 0.0033 | | 735 | < 0.0021 | < 0.5 | < 0.0016 | < 0.0015 | < 0.001 | 203 | < 0.0019 | | 0.02 | < 0.0034 | 25 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| OW54-d | 5/5/2005 | < 5 | 64 | < 0.001 | < 0.0033 | | 734 | < 0.0021 | < 0.5 | < 0.0016 | < 0.0015 | < 0.001 | 185 | < 0.0019 | | 0.02 | < 0.0034 | 23 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| OW54-d | 11/2/2005 | <5 | 66 | 0.004 | <0.0002 | | 709 | <0.0002 | <0.5 | <0.0016 | <0.0002 | <0.0002 | 190 | <0.0002 | | 0.04 | <0.0034 | 23 | | <0.0001 | <0.0002 | <0.1 | <0.1 | <0.0027 |
| OW54-d | 11/24/2005 | < 5 | 92 | 0.003 | | | 890 | | 0.8 | < 0.0005 | | | 231 | | | 0.09 | < 0.001 | 27 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW54-d | 5/30/2006 | 21 | 76 | 0.002 | < 0.0002 | | 883 | < 0.0002 | 16.9 | < 0.0005 | < 0.0002 | < 0.0002 | 258 | < 0.0002 | | 0.04 | < 0.001 | 28 | 0.04 | < 0.0001 | < 0.0002 | < 0.1 | < 0.1 | < 0.0005 |
| OW54-d | 11/16/2006 | <5 | 149 | 0.002 | <0.0002 | | 1350 | <0.0002 | 1.1 | <0.0005 | <0.0002 | <0.0002 | 444 | <0.0002 | | 0.03 | <0.001 | 41 | | <0.0001 | <0.0002 | <0.1 | <0.1 | <0.0005 |
| OW54-d | 4/20/2007 | 24 | 131 | 0.002 | < 0.0002 | | 1170 | < 0.0002 | 6.2 | < 0.0005 | < 0.0002 | < 0.0002 | 312 | < 0.0002 | | 1.04 | < 0.001 | 32 | | < 0.0001 | < 0.0002 | 0.19 | < 0.1 | < 0.0005 |
| OW54-d | 10/17/2007 | < 5 | 65 | 0.003 | < 0.0002 | | 723 | < 0.0002 | 1.2 | < 0.0005 | < 0.0002 | < 0.0002 | 194 | < 0.0002 | | < 0.03 | < 0.001 | 24 | | < 0.0001 | < 0.0002 | < 0.1 | < 0.1 | < 0.0005 |
| OW54-d | 4/30/2008 | 6 | 80 | < 0.005 | < 0.00005 | 838 | | < 0.0001 | 0.9 | < 0.0001 | < 0.00005 | < 0.00005 | 220 | < 0.0001 | | < 0.1 | < 0.0001 | 28 | | < 0.0002 | < 0.00005 | < 0.1 | < 0.01 | < 0.0001 |
| OW54-d | 11/19/2008 | < 4 | 80 | < 0.005 | < 0.00005 | 801 | | < 0.0001 | 1 | < 0.0001 | < 0.00005 | < 0.00005 | 210 | < 0.0001 | | < 0.1 | < 0.0001 | 27 | | 0.0004 | 0.00005 | < 0.1 | < 0.01 | < 0.0001 |
| OW54-i | 7/1/1994 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW54-i | 7/6/1994 | 22 | | | | | | | | | | | | | | | | | | | | | | |
| OW54-i | 11/25/1994 | 180 | 56.3 | ND | | 1200 | | | | ND | | | 530 | | | 0.062 | ND | 30.1 | | ND | | ND | ND | ND |
| OW54-i | 4/20/1995 | 10 | 34 | ND | | 710 | | | | | | | 217 | | | 0.11 | | 26 | | ND | | 0.13 | ND | |
| OW54-i | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW54-i | 11/2/1995 | 5 | 31 | | | 728 | | | | | | | 182 | | | | | | | | | 0.32 | ND | |
| OW54-i | 11/3/1995 | | | ND | ND | | | ND | | ND | ND | ND | | | ND | 0.16 | ND | 23 | | ND | ND | | | ND |
| OW54-i | 4/1/1996 | ND | 30 | 0.02 | ND | 815 | | ND | 1.4 | ND | ND | ND | 189 | | ND | 0.33 | ND | 24 | | ND | ND | 0.24 | ND | ND |
| OW54-i | 11/1/1996 | 5 | 29 | 0.01 | | 718 | | | | ND | | | 179 | | | 0.04 | ND | 21 | | ND | | 0.17 | ND | ND |
| OW54-i | 5/1/1997 | | 29 | ND | ND | 695 | | ND | 1.5 | ND | ND | 0.0001 | 181 | | ND | 0.08 | ND | 22 | | ND | ND | ND | ND | ND |
| OW54-i | 10/1/1997 | ND | 28 | | ND | 676 | | ND | 0.8 | ND | ND | 0.0001 | 195 | | ND | 0.12 | ND | 25 | | ND | ND | ND | ND | ND |
| OW54-i | 5/8/1998 | ND | 30 | ND | ND | 625 | | ND | 1.1 | ND | ND | ND | 190 | | ND | 0.21 | ND | 25 | | ND | ND | ND | ND | ND |
| OW54-i | 6/25/1998 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW54-i | 11/18/1998 | ND | 30 | ND | ND | 619 | | ND | | ND | ND | ND | 209 | | ND | 0.07 | ND | 27 | | ND | ND | ND | ND | ND |
| OW54-i | 5/10/1999 | ND | 30 | ND | ND | 613 | | ND | | ND | ND | ND | 202 | | ND | ND | ND | 26 | | ND | ND | ND | ND | ND |
| OW54-i | 11/18/1999 | | | ND | | | | | | | | | | | | 0.07 | | 27 | | ND | | | | |
| OW54-i | 12/3/1999 | 2 | 43 | ND | ND | 831 | | ND | 1.3 | ND | ND | ND | 178 | | ND | 0.1 | ND | 21 | | ND | ND | 0.21 | ND | ND |
| OW54-i | 5/26/2000 | 5 | 33 | ND | ND | 690 | | ND | 1 | ND | ND | ND | 202 | | ND | 0.11 | ND | 25 | | ND | ND | 0.18 | ND | ND |
| OW54-i | 11/22/2000 | 10 | 55 | ND | ND | 753 | | ND | 0.9 | ND | ND | ND | 190 | | ND | 0.01 | ND | 23 | | ND | ND | 0.18 | ND | ND |
| OW54-i | 5/14/2001 | 11 | 102 | ND | ND | 798 | | ND | 1.1 | ND | ND | ND | 215 | | ND | 0.09 | ND | 26 | | ND | ND | ND | ND | ND |
| OW54-i | 12/1/2001 | ND | 52 | ND | ND | 750 | | ND | 0.8 | ND | ND | ND | 195 | | ND | 0.05 | ND | 25 | | ND | ND | 0.12 | ND | ND |
| OW54-i | 5/29/2002 | 5 | 53 | ND | ND | 821 | | ND | 0.5 | ND | ND | ND | 193 | | ND | 0.05 | ND | 25 | | ND | ND | 0.34 | ND | ND |
| OW54-i | 11/21/2002 | ND | 47 | ND | ND | 689 | | ND | 1.3 | ND | ND | ND | 190 | | ND | 0.06 | ND | 23 | | ND | ND | ND | ND | ND |
| OW54-i | 5/29/2003 | < 5 | 49 | < 0.005 | < 0.0002 | 741 | | < 0.0001 | 0.5 | < 0.0005 | < 0.0001 | < 0.0001 | 202 | < 0.0001 | | 0.05 | < 0.001 | 26 | | < 0.0001 | < 0.0001 | 0.11 | < 0.1 | < 0.0005 |
| OW54-i | 10/23/2003 | 9 | 57 | < 0.005 | < 0.0033 | | 781 | < 0.0021 | 1.3 | < 0.0016 | < 0.0015 | < 0.001 | 190 | < 0.0019 | | 0.11 | < 0.0034 | 25 | | < 0.0001 | < 0.0004 | 0.28 | < 0.1 | < 0.0027 |
| OW54-i | 5/4/2004 | < 5 | 52 | < 0.005 | < 0.0033 | | 724 | < 0.0021 | < 0.5 | < 0.0016 | < 0.0015 | < 0.001 | 200 | < 0.0019 | | 0.09 | < 0.0034 | 25 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| OW54-i | 11/11/2004 | < 5 | 49 | 0.003 | < 0.0033 | | 724 | < 0.0021 | < 0.5 | < 0.0016 | < 0.0015 | < 0.001 | 203 | < 0.0019 | | 0.14 | < 0.0034 | 25 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| OW54-i | 5/5/2005 | < 5 | 55 | < 0.001 | < 0.0033 | | 740 | < 0.0021 | < 0.5 | < 0.0016 | < 0.0015 | < 0.001 | 189 | < 0.0019 | | 0.06 | < 0.0034 | 24 | | < 0.0001 | < 0.0004 | < 0.1 | < 0.1 | < 0.0027 |
| OW54-i | 11/2/2005 | <5 | 61 | 0.002 | <0.0002 | | 712 | <0.0002 | 0.6 | <0.0016 | <0.0002 | <0.0002 | 200 | <0.0002 | | 0.07 | <0.0034 | 25 | | <0.0001 | <0.0002 | <0.1 | <0.1 | <0.0027 |
| OW54-i | 5/30/2006 | < 5 | 62 | 0.001 | < 0.0002 | | 737 | < 0.0002 | 1.1 | < 0.0005 | < 0.0002 | < 0.0002 | 189 | < 0.0002 | | < 0.03 | < 0.001 | 24 | 0.05 | < 0.0001 | < 0.0002 | < 0.1 | < 0.1 | < 0.0005 |
| OW54-i | 11/16/2006 | < 5 | 60 | 0.002 | < 0.0002 | | 734 | < 0.0002 | 0.8 | < 0.0005 | < 0.0002 | < 0.0002 | 237 | < 0.0002 | | < 0.03 | < 0.001 | 29 | | < 0.0001 | < 0.0002 | 0.11 | < 0.1 | < 0.0005 |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OW54-i | 4/20/2007 | < 5 | 66 | < 0.001 | < 0.0002 | | 807 | < 0.0002 | 1.4 | < 0.0005 | < 0.0002 | < 0.0002 | 232 | < 0.0002 | | 0.07 | < 0.001 | 29 | | < 0.0001 | < 0.0002 | < 0.1 | < 0.1 | < 0.0005 |
| OW54-i | 10/17/2007 | < 5 | 65 | 0.003 | < 0.0002 | | 758 | < 0.0002 | 1.3 | < 0.0005 | < 0.0002 | < 0.0002 | 232 | < 0.0002 | | 0.03 | < 0.001 | 29 | | < 0.0001 | < 0.0002 | < 0.1 | < 0.1 | < 0.0005 |
| OW54-i | 4/30/2008 | 8 | 66 | < 0.005 | < 0.00005 | 812 | | < 0.0001 | 0.9 | < 0.0001 | < 0.00005 | < 0.00005 | 210 | < 0.0001 | | < 0.1 | < 0.0001 | 27 | | < 0.0002 | < 0.00005 | < 0.1 | < 0.01 | < 0.0001 |
| OW54-i | 11/19/2008 | 9 | 63 | < 0.005 | < 0.00005 | 746 | | < 0.0001 | 0.7 | < 0.0001 | < 0.00005 | < 0.00005 | 210 | < 0.0001 | | < 0.1 | < 0.0001 | 27 | | < 0.0002 | 0.00007 | < 0.1 | < 0.01 | < 0.0001 |
| OW54-s | 7/6/1994 | 18 | 1580 | | | 1500 | | | | | | | 39 | | | | | | | | | 2.57 | ND | |
| OW54-s | 11/25/1994 | 23 | 30.9 | ND | | 900 | | | | ND | | | 31 | | | 0.23 | ND | 0.53 | | | | 6.26 | 0.23 | ND |
| OW54-s | 4/20/1995 | 21 | 20 | ND | | 595 | | | | | | | 5 | | | 0.09 | | ND | | ND | | 2.38 | 3.14 | |
| OW54-s | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW54-s | 11/2/1995 | 8 | 20 | | | 604 | | | | | | | 18 | | | | | | | | | 2.8 | 3.21 | |
| OW54-s | 11/3/1995 | | | ND | | | | | | ND | | | | | | 0.16 | 0.0017 | ND | | ND | | | | ND |
| OW54-s | 4/1/1996 | ND | 20 | 11.6 | | 673 | | | 1.6 | ND | | | 47 | | | 0.3 | ND | 3 | | ND | | 5.43 | ND | ND |
| OW54-s | 11/1/1996 | ND | 22 | ND | | 678 | | | 0 | ND | | | 40 | | | 0.09 | ND | 3 | | ND | | 3.46 | 0.57 | ND |
| OW54-s | 5/1/1997 | 11 | 23 | 0.01 | | 591 | | | 1.1 | ND | | | 32 | | | 0.36 | ND | 3 | | ND | | 3.09 | ND | ND |
| OW54-s | 10/1/1997 | 8 | 27 | 0.21 | | 779 | | | 2 | ND | | | 49 | | | 0.02 | ND | 4 | | ND | | 6.3 | 2.13 | ND |
| OW54-s | 5/8/1998 | ND | 26 | ND | | 603 | | | 1.7 | ND | | | 23 | | | 0.22 | ND | 2 | | ND | | 2.74 | 0.54 | ND |
| OW54-s | 11/18/1998 | 3 | 27 | ND | | 592 | | | | ND | | | 42 | | | 0.2 | ND | 3 | | ND | | 3.15 | ND | ND |
| OW54-s | 11/18/1999 | 3 | 27 | ND | | 592 | | | | ND | | | 42 | | | 0.2 | ND | 3 | | ND | | 3.15 | ND | ND |
| OW54-s | 5/15/2000 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW54-s | 5/25/2000 | 5 | 32 | ND | | 637 | | | 1.4 | | | | 28 | | | 0.26 | | 2 | | ND | | 2.68 | 0.18 | |
| OW54-s | 11/29/2000 | 5 | 40 | ND | | 751 | | | 1.1 | ND | | | 92 | | | 0.05 | ND | 9 | | ND | | 4.15 | ND | ND |
| OW54-s | 5/15/2001 | ND | 49 | ND | | 734 | | | 1 | ND | | | 88 | | | 0.02 | ND | 11 | | ND | | 3.06 | ND | ND |
| OW54-s | 12/1/2001 | 5 | 58 | ND | ND | 850 | | ND | 1.2 | ND | ND | ND | 131 | | ND | 0.01 | ND | 16 | | ND | ND | 4.01 | 0.27 | ND |
| OW54-s | 5/29/2002 | 7 | 67 | ND | | 862 | | | 0.7 | ND | | | 95 | | | ND | ND | 14 | | ND | | 4.26 | 0.19 | ND |
| OW54-s | 11/21/2002 | ND | 65 | ND | | 706 | | | 1.1 | ND | | | 81 | | | 0.01 | ND | 10 | | ND | | 2.26 | 0.21 | ND |
| OW54-s | 5/29/2003 | < 5 | 109 | < 0.005 | | 819 | | | < 0.5 | < 0.0005 | | | 128 | | | 0.01 | < 0.001 | 16 | | < 0.0001 | | 3.73 | < 0.1 | < 0.0005 |
| OW54-s | 10/23/2003 | < 5 | 100 | < 0.005 | | | 885 | | 1.1 | < 0.0016 | | | 132 | | | < 0.01 | < 0.0034 | 18 | | < 0.0001 | | 2.9 | < 0.1 | < 0.0027 |
| OW54-s | 5/4/2004 | < 5 | 71 | < 0.005 | | | 914 | | < 0.5 | < 0.0016 | | | 5 | | | < 0.01 | < 0.0034 | < 1 | | < 0.0001 | | 1.44 | 0.71 | < 0.0027 |
| OW54-s | 11/11/2004 | < 5 | 75 | < 0.001 | | | 860 | | 0.8 | < 0.0016 | | | 39 | | | 0.02 | < 0.0034 | 1 | | < 0.0001 | | 0.19 | 1.16 | < 0.0027 |
| OW54-s | 5/5/2005 | < 5 | 72 | < 0.001 | | | 604 | | < 0.5 | < 0.0016 | | | 32 | | | 0.04 | < 0.0034 | 3 | | < 0.0001 | | 2.09 | 0.23 | < 0.0027 |
| OW54-s | 11/2/2005 | <5 | 82 | 0.001 | | | 713 | | <0.5 | <0.0016 | | | 76 | | | <0.03 | <0.0034 | 10 | | <0.0001 | | 2.86 | <0.1 | <0.0027 |
| OW54-s | 4/20/2007 | < 5 | 78 | < 0.001 | | | 732 | | 0.9 | < 0.0005 | | | 25 | | | < 0.03 | < 0.001 | 3 | | < 0.0001 | | 2.17 | < 0.1 | < 0.0005 |
| OW54-s | 10/17/2007 | < 5 | 85 | < 0.001 | | | 759 | | 1 | < 0.0005 | | | 51 | | | < 0.03 | < 0.001 | 7 | | < 0.0001 | | 1.16 | 0.25 | < 0.0005 |
| OW54-s | 4/30/2008 | 7 | 79 | < 0.005 | | 992 | | | 0.9 | < 0.0001 | | | 6 | | | < 0.1 | < 0.0001 | 0.18 | | < 0.0002 | | 0.2 | 0.11 | < 0.0001 |
| OW54-s | 11/19/2008 | < 4 | 81 | < 0.005 | | 705 | | | 0.6 | < 0.0001 | | | 16 | | | < 0.1 | < 0.0001 | 0.9 | | < 0.0002 | | 0.8 | 0.62 | < 0.0001 |
| OW55-d | 7/1/1994 | | | | | | | | | ND | | | | | | | 0.00124 | | | | | | | ND |
| OW55-d | 7/6/1994 | 450 | 2130 | | | 15000 | | | | | | | 2900 | | | | | | | 0.00012 | | ND | ND | |
| OW55-d | 11/25/1994 | 440 | 4630 | ND | | 9600 | | | | 0.0013 | | | 2600 | | | 7.77 | 0.0013 | 320 | | ND | | ND | ND | ND |
| OW55-d | 4/20/1995 | 30 | 3017 | ND | | 9012 | | | | | | | 1668 | | | 1.15 | | 228 | | ND | | ND | ND | |
| OW55-d | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW55-d | 11/2/1995 | 35 | 3290 | | | 8797 | | | | | | | 1720 | | | | | | | | | ND | ND | |
| OW55-d | 11/3/1995 | | | ND | | | | | | 0.0007 | | | | | | 2.64 | 0.0016 | 242 | | ND | | | | ND |
| OW55-d | 4/1/1996 | 41 | 3276 | 0.03 | | 9100 | | | 5.4 | 0.0013 | | | 1860 | | | 4.45 | 0.0032 | 248 | | ND | | ND | ND | 0.0005 |
| OW55-d | 11/1/1996 | 41 | | ND | | | | | | ND | | | | | | 1.36 | ND | 278 | | ND | | | | ND |
| OW55-d | 5/1/1997 | 34 | 3736 | ND | | 9345 | | | | 0.0018 | | | 1974 | | | 2.74 | 0.0035 | 278 | | ND | | ND | ND | 0.0007 |
| OW55-d | 10/1/1997 | 11 | 3388 | 0.02 | | 9409 | | | | 0.0012 | | | 1817 | | | 4.62 | 0.0028 | 249 | | ND | | ND | ND | ND |
| OW55-d | 5/8/1998 | 57 | 3180 | 0.01 | | 8560 | | | ND | 0.0024 | | | 1790 | | | 0.17 | 0.0052 | 260 | | ND | | 0.1 | ND | 0.0009 |
| OW55-d | 11/18/1998 | 34 | 3650 | ND | | 8790 | | | | ND | | | 2040 | | | 1.92 | 0.0032 | 308 | | ND | | ND | ND | ND |
| OW55-d | 5/10/1999 | 30 | 3790 | ND | | 9280 | | | | ND | | | 2020 | | | 0.21 | ND | 291 | | ND | | ND | ND | ND |
| OW55-d | 11/18/1999 | 34 | 3650 | ND | | 8790 | | | | ND | | | 2040 | | | 6.36 | 0.0032 | 155 | | ND | | ND | ND | ND |
| OW55-d | 12/1/1999 | ND | 25 | ND | | 9070 | | | ND | ND | | | 1930 | | | 3.77 | ND | 276 | | ND | | ND | ND | ND |
| OW55-d | 5/25/2000 | 68 | 3030 | ND | | 9300 | | | ND | ND | | | 1540 | | | 1.58 | ND | 217 | | ND | | ND | ND | ND |
| OW55-d | 11/22/2000 | 55 | 2980 | ND | | 9080 | | | 0.3 | ND | | | 1690 | | | 3.17 | ND | 235 | | ND | | ND | ND | ND |
| OW55-d | 5/15/2001 | 24 | 1730 | ND | | 5090 | | | 1.7 | ND | | | 66 | | | 0.63 | ND | 103 | | 0.0002 | | 4 | ND | ND |
| OW55-d | 12/1/2001 | 20 | 2770 | ND | | 8590 | | | 1.1 | ND | | | 1650 | | | 0.95 | ND | 227 | | ND | | ND | ND | ND |
| OW55-d | 5/29/2002 | ND | 2780 | ND | | 8380 | | | 0.7 | ND | | | 1540 | | | 0.33 | ND | 213 | | ND | | ND | ND | ND |
| OW55-d | 11/21/2002 | ND | 2700 | ND | | 8510 | | | 1.4 | ND | | | 1420 | | | 0.65 | ND | 203 | | ND | | ND | ND | ND |
| OW55-d | 5/28/2003 | < 50 | 3020 | < 0.005 | | 8690 | | | 0.9 | < 0.0005 | | | 1580 | | | 1.11 | < 0.001 | 220 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW55-d | 10/23/2003 | 46 | 2770 | < 0.005 | | | 8420 | | 1.5 | < 0.0016 | | | 1390 | | | 0.37 | < 0.0034 | 198 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW55-d | 5/5/2004 | 25 | 2900 | < 0.01 | | | 8980 | | 0.9 | < 0.0016 | | | 1530 | | | 3.64 | < 0.0034 | 212 | | < 0.0001 | | 0.12 | < 0.1 | < 0.0027 |
| OW55-d | 11/11/2004 | 35 | 2730 | 0.003 | | | 8450 | | < 0.5 | < 0.0016 | | | 1470 | | | 0.56 | < 0.0034 | 203 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW55-d | 5/4/2005 | 102 | 3240 | 0.003 | | | 9680 | | < 0.5 | | | | 1530 | | | 0.67 | | 206 | | < 0.0001 | | < 0.1 | < 0.1 | |
| OW55-d | 11/2/2005 | 31 | 2850 | <0.01 | | | 8210 | | <0.5 | <0.0016 | | | 1580 | | | 1.9 | <0.0034 | 219 | | <0.0001 | | <0.1 | <0.1 | <0.0027 |
| OW55-d | 5/30/2006 | 18 | 3280 | < 0.01 | | | 9890 | | < 0.5 | < 0.0005 | | | 1680 | | | 1.6 | < 0.001 | 237 | 0.2 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW55-d | 11/16/2006 | 66 | 2720 | < 0.01 | | | 8490 | | 0.6 | < 0.0005 | | | 1530 | | | < 0.3 | < 0.001 | 206 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW55-d | 4/19/2007 | 40 | 2700 | < 0.01 | | | 8730 | | 0.9 | < 0.0005 | | | 1550 | | | 1.3 | < 0.001 | 213 | | < 0.0001 | | < 1 | < 0.1 | < 0.0005 |
| OW55-d | 10/17/2007 | < 5 | 2690 | < 0.01 | | | 8550 | | 1 | < 0.0005 | | | 1510 | | | 0.9 | < 0.001 | 208 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW55-d | 5/1/2008 | 82 | 2700 | < 0.05 | | 8790 | | | 0.8 | < 0.0001 | | | 1500 | | | < 1 | < 0.0001 | 210 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| OW55-d | 11/19/2008 | 110 | 3400 | < 0.03 | | 10500 | | | 5 | 0.0002 | | | 1700 | | | < 1 | 0.0004 | 240 | | < 0.0002 | | < 0.1 | < 0.01 | 0.0002 |
| OW55-i | 7/6/1994 | | | | | | | | | | | | | | | | | | | | | | | |
| OW55-i | 11/25/1994 | 260 | 2900 | ND | | 9600 | | | | | | | 2000 | | | 1.48 | | 230 | | ND | | ND | ND | |
| OW55-i | 4/20/1995 | 20 | 3004 | ND | | 9000 | | | | | | | 1701 | | | 0.48 | | 234 | | ND | | ND | ND | |
| OW55-i | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW55-i | 11/2/1995 | 20 | 3100 | | | 8958 | | | | | | | 1650 | | | | | | | | | ND | ND | |
| OW55-i | 11/3/1995 | | | ND | | | | | | ND | | | | | | 0.79 | ND | 228 | | ND | | | | ND |
| OW55-i | 4/1/1996 | 35 | 3148 | ND | | 8689 | | | 5.9 | ND | | | 1750 | | | 1 | ND | 234 | | ND | | ND | ND | ND |
| OW55-i | 11/1/1996 | 51 | 2389 | 0.01 | | 8630 | | | | ND | | | 1530 | | | 0.59 | ND | 208 | | ND | | ND | ND | ND |
| OW55-i | 5/1/1997 | 61 | 3276 | ND | | 8833 | | | | ND | | | 1650 | | | 0.1 | ND | 237 | | ND | | ND | ND | ND |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OW55-i | 10/1/1997 | 31 | 3078 | 0.03 | | 8588 | | | | ND | | | 1660 | | | 0.44 | ND | 229 | | ND | | ND | ND | ND |
| OW55-i | 5/8/1998 | 65 | 3020 | ND | | 8210 | | | ND | ND | | | 1710 | | | 0.86 | ND | 250 | | ND | | ND | ND | ND |
| OW55-i | 11/18/1998 | 47 | 3250 | ND | | 8500 | | | | ND | | | 1790 | | | 0.43 | ND | 256 | | ND | | ND | ND | ND |
| OW55-i | 5/10/1999 | 30 | 4600 | ND | | 11000 | | | | ND | | | 3160 | | | 0.33 | ND | 357 | | ND | | ND | ND | ND |
| OW55-i | 11/18/1999 | 47 | 3250 | ND | | 8500 | | | | ND | | | 1790 | | | 0.43 | ND | 256 | | ND | | ND | ND | ND |
| OW55-i | 12/2/1999 | 7 | 3000 | ND | | 9290 | | | 3.2 | ND | | | 1770 | | | 0.12 | ND | 257 | | ND | | ND | ND | ND |
| OW55-i | 5/25/2000 | 58 | 2830 | ND | | 8480 | | | ND | ND | | | 1420 | | | 0.35 | ND | 200 | | ND | | ND | ND | ND |
| OW55-i | 11/21/2000 | 42 | 2750 | ND | | 9090 | | | ND | ND | | | 1680 | | | 0.95 | ND | 245 | | ND | | ND | ND | ND |
| OW55-i | 5/15/2001 | 46 | 2900 | ND | | 8340 | | | 1.4 | ND | | | 145 | | | 0.37 | ND | 212 | | ND | | ND | ND | ND |
| OW55-i | 12/1/2001 | 42 | 2680 | ND | | 8350 | | | 1.4 | ND | | | 1570 | | | 0.13 | ND | 214 | | 0.0001 | | ND | ND | ND |
| OW55-i | 5/29/2002 | ND | 3370 | ND | | 9670 | | | 1.1 | ND | | | 1680 | | | 0.3 | ND | 242 | | ND | | 0.15 | ND | ND |
| OW55-i | 11/21/2002 | 15 | 3160 | ND | | 9870 | | | 1.4 | ND | | | 1660 | | | 0.3 | ND | 242 | | ND | | 0.21 | ND | ND |
| OW55-i | 5/28/2003 | < 50 | 2830 | < 0.005 | | 8720 | | | 1.9 | < 0.0005 | | | 1660 | | | 0.11 | < 0.001 | 235 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW55-i | 10/23/2003 | 39 | 2800 | < 0.005 | | | 8610 | | 1.6 | < 0.0016 | | | 1410 | | | 0.33 | < 0.0034 | 202 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW55-i | 5/5/2004 | 36 | 3530 | 0.01 | | | 10600 | | 1.3 | < 0.0016 | | | 1830 | | | 0.37 | < 0.0034 | 268 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW55-i | 11/11/2004 | 37 | 2870 | 0.003 | | | 8830 | | < 0.5 | < 0.0016 | | | 1470 | | | 0.22 | < 0.0034 | 208 | | < 0.0001 | | 0.33 | 0.19 | < 0.0027 |
| OW55-i | 5/4/2005 | 174 | 2620 | 0.003 | | | 8110 | | < 0.5 | | | | 1350 | | | 0.29 | | 184 | | < 0.0001 | | < 0.1 | < 0.1 | |
| OW55-i | 11/2/2005 | 38 | 2780 | <0.01 | | | 8060 | | <0.5 | <0.0016 | | | 1560 | | | <0.3 | <0.0034 | 218 | | <0.0001 | | <0.1 | <0.1 | <0.0027 |
| OW55-i | 5/30/2006 | 40 | 2970 | < 0.01 | | | 9010 | | < 0.5 | < 0.0005 | | | 1530 | | | 0.4 | < 0.001 | 216 | < 0.1 | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW55-i | 11/16/2006 | 44 | 3160 | < 0.01 | | | 9850 | | 0.6 | < 0.0005 | | | 1760 | | | < 0.3 | < 0.001 | 249 | | < 0.0001 | | 0.19 | < 0.1 | < 0.0005 |
| OW55-i | 4/19/2007 | 43 | 2950 | < 0.01 | | | 9450 | | 0.9 | < 0.0005 | | | 1660 | | | 0.3 | < 0.001 | 234 | | < 0.0001 | | < 1 | < 0.1 | < 0.0005 |
| OW55-i | 10/17/2007 | < 5 | 2690 | < 0.01 | | | 8530 | | 1.1 | < 0.0005 | | | 1460 | | | 0.5 | < 0.001 | 203 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW55-i | 5/1/2008 | 49 | 2700 | < 0.05 | | 8650 | | | 0.8 | < 0.0001 | | | 1600 | | | < 1 | < 0.0001 | 220 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| OW55-i | 11/19/2008 | 100 | 3300 | < 0.03 | | 10400 | | | 1.8 | < 0.0001 | | | 1400 | | | < 1 | 0.0002 | 190 | | < 0.0002 | | < 0.1 | 0.02 | < 0.0001 |
| OW55-s | 7/1/1994 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW55-s | 7/6/1994 | | 1640 | ND | | 6100 | | | | | | | 590 | | | 1.34 | | 244 | 0.4 | ND | | 2.9 | ND | |
| OW55-s | 11/25/1994 | 250 | 1910 | | | 8100 | | | | ND | | | 1000 | | | | ND | | | | | ND | ND | ND |
| OW55-s | 4/20/1995 | 10 | 1930 | ND | | 7037 | | | | | | | 847 | | | 0.03 | | 126 | | | | 16.7 | ND | |
| OW55-s | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW55-s | 11/2/1995 | 13 | 1650 | | | 5526 | | | | | | | 613 | | | | | | | | | 10.9 | ND | |
| OW55-s | 11/3/1995 | | | ND | | | | | | ND | | | | | | 0.07 | ND | 87 | | ND | | | | ND |
| OW55-s | 4/1/1996 | 27 | 2240 | ND | | 6656 | | | 6 | 0.0011 | | | 884 | | | 0.1 | 0.003 | 126 | | ND | | 3.06 | ND | 0.0008 |
| OW55-s | 11/1/1996 | 35 | 1995 | ND | | 6620 | | | | ND | | | 814 | | | 0.01 | ND | 137 | | ND | | ND | ND | ND |
| OW55-s | 5/1/1997 | 24 | 2375 | 0.13 | | 6476 | | | | ND | | | 736 | | | 0.11 | ND | 118 | | ND | | 0.11 | ND | ND |
| OW55-s | 10/1/1997 | 11 | 2068 | ND | | 6424 | | | | ND | | | 788 | | | 0.11 | ND | 121 | | ND | | ND | ND | ND |
| OW55-s | 5/8/1998 | 32 | 1960 | 0.01 | | 6110 | | | ND | ND | | | 557 | | | 0.07 | ND | 94 | | ND | | ND | ND | ND |
| OW55-s | 11/18/1998 | 24 | 2320 | ND | | 6520 | | | | ND | | | 524 | | | 0.28 | ND | 80 | | ND | | 0.49 | 0.13 | ND |
| OW55-s | 5/10/1999 | 29 | 2330 | ND | | 6120 | | | | ND | | | 840 | | | 0.03 | ND | 127 | | ND | | 0.69 | ND | ND |
| OW55-s | 11/18/1999 | 24 | 2320 | ND | | 6520 | | | | ND | | | 524 | | | 0.28 | ND | 80 | | ND | | 0.49 | 0.13 | ND |
| OW55-s | 12/2/1999 | 5 | 1950 | ND | | 6450 | | | ND | ND | | | 801 | | | 0.15 | ND | 120 | | ND | | 1.29 | ND | ND |
| OW55-s | 5/25/2000 | 24 | 900 | ND | | 3490 | | | 5.8 | ND | | | 421 | | | 0.08 | ND | 61 | | ND | | 0.72 | ND | ND |
| OW55-s | 5/15/2001 | 49 | 3400 | ND | | 9150 | | | 1.7 | ND | | | 162 | | | 3.87 | ND | 249 | | ND | | ND | ND | ND |
| OW55-s | 12/1/2001 | 35 | 1580 | ND | | 5860 | | | 1.2 | ND | | | 792 | | | 0.05 | ND | 119 | | ND | | 0.32 | ND | ND |
| OW55-s | 5/29/2002 | 14 | 1730 | ND | | 5620 | | | 2 | ND | | | 686 | | | 0.44 | ND | 106 | | ND | | ND | ND | ND |
| OW55-s | 11/21/2002 | ND | 1510 | ND | | 5260 | | | 1.4 | ND | | | 626 | | | 0.55 | ND | 98 | | ND | | ND | ND | ND |
| OW55-s | 5/28/2003 | 6 | 1790 | < 0.005 | | 6440 | | | 1.5 | < 0.0005 | | | 879 | | | 1.29 | < 0.001 | 131 | | < 0.0001 | | 0.52 | < 0.1 | < 0.0005 |
| OW55-s | 10/23/2003 | 26 | 2240 | < 0.005 | | | 7420 | | 1.9 | < 0.0016 | | | 1090 | | | < 0.01 | < 0.0034 | 162 | | < 0.0001 | | 0.16 | < 0.1 | < 0.0027 |
| OW55-s | 5/5/2004 | 24 | 1980 | < 0.005 | | | 6660 | | 1.2 | < 0.0016 | | | 984 | | | 0.89 | < 0.0034 | 145 | | < 0.0001 | | 0.55 | < 0.1 | < 0.0027 |
| OW55-s | 11/11/2004 | 34 | 2130 | 0.004 | | | 6980 | | < 0.5 | < 0.0016 | | | 1050 | | | 6.59 | < 0.0034 | 154 | | < 0.0001 | | 0.21 | < 0.1 | < 0.0027 |
| OW55-s | 5/4/2005 | 23 | 1950 | 0.002 | | | 6360 | | < 0.5 | | | | 872 | | | 0.48 | | 125 | | < 0.0001 | | 0.71 | < 0.1 | |
| OW55-s | 11/2/2005 | 30 | 2190 | 0.005 | | | 6780 | | <0.5 | <0.0016 | | | 1080 | | | 3.08 | <0.0034 | 154 | | <0.0001 | | 1.85 | 0.22 | <0.0027 |
| OW55-s | 5/31/2006 | 11 | 1990 | < 0.01 | | | 7710 | | < 0.5 | < 0.0005 | | | 1160 | | | < 0.3 | < 0.001 | 165 | 0.5 | < 0.0001 | | 2.93 | 0.33 | < 0.0005 |
| OW55-s | 11/16/2006 | 29 | 2000 | < 0.01 | | | 6850 | | 0.6 | < 0.0005 | | | 939 | | | < 0.3 | < 0.001 | 137 | | < 0.0001 | | 0.17 | < 0.1 | < 0.0005 |
| OW55-s | 4/19/2007 | 30 | 2210 | < 0.01 | | | 7740 | | 1.8 | < 0.0005 | | | 1190 | | | 0.9 | < 0.001 | 166 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW55-s | 10/17/2007 | 39 | 1890 | < 0.01 | | | 6610 | | 1.3 | < 0.0005 | | | 930 | | | 0.8 | < 0.001 | 135 | | < 0.0001 | | 0.27 | < 0.1 | < 0.0005 |
| OW55-s | 5/1/2008 | 36 | 1700 | < 0.05 | | 6090 | | | 1.3 | < 0.0001 | | | 500 | | | < 0.5 | < 0.0001 | 76 | | < 0.0002 | | 0.7 | 0.04 | < 0.0001 |
| OW55-s | 11/19/2008 | 130 | 2300 | < 0.03 | | 7680 | | | 2.2 | < 0.0001 | | | 940 | | | < 1 | 0.0001 | 130 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| OW56-d | 7/6/1994 | 20 | | | | | | | | | | | | | | | | | | | | | | |
| OW56-d | 11/25/1994 | 180 | 999 | ND | | 2500 | | | | ND | | | 510 | | | 2.19 | ND | 69.7 | | ND | | ND | ND | ND |
| OW56-d | 4/20/1995 | 5 | 266 | ND | | 2044 | | | | | | | 454 | | | 0.36 | | 52 | | ND | | ND | ND | |
| OW56-d | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW56-d | 11/3/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW56-d | 11/21/1995 | 10 | 312 | ND | | 2019 | | | | | | | 444 | | | 1.04 | | 55 | | | | ND | ND | |
| OW56-d | 4/1/1996 | 11 | 340 | ND | | 1871 | | | 5.5 | ND | | | 417 | | | 0.23 | ND | 49 | | ND | | ND | ND | ND |
| OW56-d | 11/1/1996 | | 3019 | | | 8696 | | | | ND | | | 1840 | | | | ND | | | | | ND | ND | ND |
| OW56-d | 5/1/1997 | 11 | 356 | 0.01 | | 1867 | | | | ND | | | 379 | | | 0.13 | ND | 49 | | ND | | ND | ND | ND |
| OW56-d | 10/1/1997 | | 567 | ND | | 2876 | | | ND | ND | | | 440 | | | 1.24 | ND | 57 | | ND | | ND | ND | ND |
| OW56-d | 5/8/1998 | 5 | 580 | ND | | 2880 | | | ND | ND | | | 414 | | | 0.22 | ND | 55 | | ND | | ND | ND | ND |
| OW56-d | 11/18/1998 | 11 | 533 | ND | | 2710 | | | | ND | | | 450 | | | 0.79 | ND | 59 | | ND | | ND | ND | ND |
| OW56-d | 5/10/1999 | ND | 411 | ND | | 2230 | | | | ND | | | 368 | | | 0.31 | ND | 50 | | ND | | ND | ND | ND |
| OW56-d | 11/18/1999 | 11 | 533 | ND | | 2710 | | | | ND | | | 450 | | | 0.79 | ND | 59 | | ND | | ND | ND | ND |
| OW56-d | 12/2/1999 | 7 | 307 | ND | | 1970 | | | 1.3 | ND | | | 335 | | | 0.3 | ND | 45 | | ND | | 0.13 | ND | ND |
| OW56-d | 5/26/2000 | 5 | 364 | ND | | 2120 | | | 1.2 | | | | 440 | | | 0.41 | | 54 | | ND | | ND | ND | |
| OW56-d | 11/21/2000 | 18 | 355 | ND | | 2020 | | | 5.1 | ND | | | 418 | | | 0.5 | ND | 50 | | ND | | ND | ND | ND |
| OW56-d | 5/15/2001 | ND | 305 | ND | | 1850 | | | 0.9 | ND | | | 353 | | | 0.6 | ND | 48 | | ND | | ND | ND | ND |
| OW56-d | 12/1/2001 | 12 | 339 | ND | | 2010 | | | 0.9 | ND | | | 392 | | | 0.59 | ND | 52 | | ND | | ND | ND | ND |
| OW56-d | 5/29/2002 | ND | 322 | ND | | 1780 | | | ND | | | | 333 | | | 0.44 | | 45 | | 0.0006 | | ND | ND | |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OW56-d | 11/21/2002 | ND | 314 | ND | | 1910 | | | 1.9 | ND | | | 385 | | | 0.23 | ND | 54 | | ND | | ND | ND | ND |
| OW56-d | 5/27/2003 | < 5 | 313 | < 0.005 | | 1780 | | | < 0.5 | < 0.0005 | | | 335 | | | 0.18 | < 0.001 | 45 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW56-d | 10/23/2003 | 8 | 395 | < 0.005 | | | 2250 | | 1.3 | < 0.0016 | | | 346 | | | 0.27 | < 0.0034 | 47 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW56-d | 5/6/2004 | 6 | 332 | < 0.01 | | | 2010 | | < 0.5 | < 0.0016 | | | 425 | | | 0.6 | < 0.0034 | 54 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW56-d | 11/11/2004 | < 5 | 318 | 0.003 | | | 2040 | | < 0.5 | < 0.0016 | | | 454 | | | 0.92 | < 0.0034 | 52 | | < 0.0001 | | 0.24 | < 0.1 | < 0.0027 |
| OW56-d | 5/3/2005 | < 5 | 376 | < 0.001 | | | 2150 | | < 0.5 | < 0.0016 | | | 452 | | | 0.67 | < 0.0034 | 54 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW56-d | 11/1/2005 | < 5 | 304 | 0.006 | | | 1770 | | < 0.5 | < 0.0016 | | | 446 | | | 0.37 | < 0.0034 | 52 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW56-d | 5/31/2006 | < 5 | 409 | < 0.01 | | | 2230 | | < 0.5 | < 0.0005 | | | 397 | | | 0.4 | < 0.001 | 49 | 0.2 | 0.0004 | | < 0.1 | < 0.1 | < 0.0005 |
| OW56-d | 11/16/2006 | < 5 | 264 | 0.003 | | | 1820 | | < 0.5 | < 0.0005 | | | 421 | | | 0.39 | < 0.001 | 47 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW56-d | 4/19/2007 | 8 | 274 | 0.001 | | | 1860 | | 0.9 | < 0.0005 | | | 397 | | | 0.26 | < 0.001 | 46 | | < 0.0001 | | 0.45 | < 0.1 | < 0.0005 |
| OW56-d | 10/17/2007 | < 5 | 302 | 0.005 | | | 2020 | | 0.9 | < 0.0005 | | | 413 | | | 0.54 | < 0.001 | 47 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW56-d | 4/30/2008 | 9 | 250 | < 0.005 | | 1780 | | | 0.6 | < 0.0001 | | | 400 | | | 0.26 | < 0.0001 | 45 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| OW56-d | 11/18/2008 | 8 | 310 | < 0.005 | | 2210 | | | 0.4 | < 0.0001 | | | 470 | | | 0.61 | < 0.0001 | 53 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| OW56-i | 11/25/1994 | 72 | 314 | ND | | 1800 | | | | ND | | | 420 | | | 0.06 | ND | 44 | | ND | | 0.25 | ND | ND |
| OW56-i | 4/20/1995 | 8 | 324 | ND | | 1698 | | | | | | | 400 | | | 0.58 | | 45 | | ND | | ND | ND | |
| OW56-i | 4/21/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW56-i | 11/3/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW56-i | 11/21/1995 | 8 | 241 | ND | | 1641 | | | | | | | 335 | | | 0.22 | | 42 | | | | ND | ND | |
| OW56-i | 4/1/1996 | 11 | 284 | 0.01 | | 1533 | | | 5.8 | ND | | | 327 | | | 0.18 | ND | 43 | | ND | | ND | ND | ND |
| OW56-i | 11/1/1996 | 8 | 292 | ND | | 1558 | | | | ND | | | 385 | | | 0.37 | ND | 56 | | ND | | ND | ND | ND |
| OW56-i | 5/1/1997 | 6 | 310 | 0.01 | | 1486 | | | | ND | | | 329 | | | 0.19 | ND | 46 | | ND | | ND | ND | ND |
| OW56-i | 10/1/1997 | ND | 293 | 0.03 | | 1730 | | | ND | ND | | | 369 | | | 0.25 | ND | 49 | | ND | | 0.23 | ND | ND |
| OW56-i | 5/8/1998 | 5 | 290 | ND | | 1560 | | | ND | ND | | | 311 | | | 0.07 | ND | 44 | | ND | | ND | ND | ND |
| OW56-i | 11/18/1998 | 5 | 267 | ND | | 1540 | | | | ND | | | 325 | | | 0.07 | ND | 45 | | ND | | ND | ND | ND |
| OW56-i | 5/10/1999 | 5 | 284 | ND | | 1510 | | | | ND | | | 311 | | | 0.04 | ND | 44 | | ND | | ND | ND | ND |
| OW56-i | 11/18/1999 | 5 | 267 | ND | | 1540 | | | | ND | | | 325 | | | 0.07 | ND | 45 | | ND | | ND | ND | ND |
| OW56-i | 5/26/2000 | 17 | 286 | ND | | 1680 | | | 1.3 | | | | 354 | | | 0.02 | | 44 | | ND | | ND | ND | |
| OW56-i | 11/21/2000 | 18 | 282 | ND | | 1630 | | | ND | ND | | | 322 | | | 0.1 | ND | 40 | | 0.0001 | | ND | ND | ND |
| OW56-i | 5/15/2001 | 8 | 129 | ND | | 1560 | | | 1.8 | ND | | | 27 | | | 0.03 | ND | 44 | | ND | | ND | ND | ND |
| OW56-i | 12/1/2001 | 8 | 294 | ND | | 1610 | | | 0.8 | ND | | | 314 | | | ND | ND | 43 | | ND | | ND | ND | ND |
| OW56-i | 5/29/2002 | 8 | 293 | ND | | 1570 | | | ND | ND | | | 294 | | | 0.01 | ND | 41 | | 0.0005 | | ND | ND | ND |
| OW56-i | 11/21/2002 | 10 | 292 | ND | | 1650 | | | 2 | ND | | | 349 | | | 0.04 | ND | 49 | | ND | | ND | ND | ND |
| OW56-i | 5/27/2003 | < 5 | 273 | < 0.005 | | 1560 | | | < 0.5 | < 0.0005 | | | 278 | | | < 0.01 | < 0.001 | 39 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW56-i | 10/23/2003 | 43 | 296 | < 0.005 | | | 1720 | | 1 | < 0.0016 | | | 326 | | | 0.01 | < 0.0034 | 44 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW56-i | 5/6/2004 | 9 | 283 | 0.003 | | | 1710 | | < 0.5 | < 0.0016 | | | 348 | | | 0.14 | < 0.0034 | 42 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW56-i | 11/11/2004 | < 5 | 271 | 0.004 | | | 1670 | | < 0.5 | < 0.0016 | | | 346 | | | < 0.01 | < 0.0034 | 41 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW56-i | 5/3/2005 | < 5 | 325 | < 0.001 | | | 2150 | | < 0.5 | < 0.0016 | | | 110 | | | < 0.01 | < 0.0034 | 17 | | < 0.0001 | | 1.04 | < 0.1 | < 0.0027 |
| OW56-i | 11/1/2005 | < 5 | 271 | 0.005 | | | 1620 | | < 0.5 | < 0.0016 | | | 389 | | | < 0.03 | < 0.0034 | 46 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW56-i | 11/16/2006 | 21 | 251 | 0.004 | | | 1610 | | < 0.5 | < 0.0005 | | | 330 | | | < 0.03 | < 0.001 | 40 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW56-i | 4/19/2007 | 28 | 250 | 0.001 | | | 1660 | | 1 | < 0.0005 | | | 354 | | | 0.1 | < 0.001 | 41 | | < 0.0001 | | 0.35 | < 0.1 | < 0.0005 |
| OW56-i | 10/17/2007 | 23 | 252 | 0.003 | | | 1600 | | 0.8 | < 0.0005 | | | 282 | | | < 0.03 | < 0.001 | 34 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW56-i | 4/30/2008 | 25 | 240 | < 0.005 | | 1620 | | | 0.4 | < 0.0001 | | | 330 | | | < 0.1 | < 0.0001 | 41 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| OW56-i | 11/18/2008 | 7 | 240 | < 0.005 | | 1750 | | | 0.4 | < 0.005 | | | 330 | | | 0.32 | < 0.005 | 38 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.005 |
| OW56-s | 7/1/1994 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW56-s | 7/6/1994 | 15 | 417 | ND | | 2700 | | | | | | | 440 | | | 2.01 | | 76.4 | 0.42 | ND | | ND | ND | |
| OW56-s | 11/3/1995 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW56-s | 11/21/1995 | 15 | 443 | ND | | 4875 | | | | | | | 387 | | | 0.57 | | 57 | | | | 41.4 | ND | |
| OW56-s | 4/1/1996 | 16 | 357 | ND | | 2619 | | | 6.1 | ND | | | 198 | | | 0.14 | ND | 31 | | ND | | 9.41 | 0.18 | ND |
| OW56-s | 11/1/1996 | ND | 355 | 0.14 | | 2457 | | | | ND | | | 121 | | | 0.07 | ND | 21 | | ND | | 2.29 | ND | ND |
| OW56-s | 5/1/1997 | 11 | 346 | ND | | 2384 | | | | ND | | | 132 | | | 0.1 | ND | 20 | | ND | | 0.56 | ND | ND |
| OW56-s | 10/1/1997 | ND | 365 | 0.53 | | 2561 | | | ND | ND | | | 132 | | | 0.3 | ND | 20 | | ND | | 0.92 | ND | ND |
| OW56-s | 5/8/1998 | 5 | 395 | ND | | 2150 | | | ND | ND | | | 100 | | | 0.09 | ND | 17 | | ND | | 1.54 | ND | ND |
| OW56-s | 11/18/1998 | 5 | 316 | ND | | 2440 | | | | ND | | | 45 | | | 0.22 | ND | 6 | | ND | | 0.5 | 0.32 | ND |
| OW56-s | 5/10/1999 | 10 | 356 | ND | | 2400 | | | | ND | | | 44 | | | ND | ND | 7 | | ND | | 0.59 | ND | ND |
| OW56-s | 11/18/1999 | 5 | 316 | ND | | 2440 | | | | ND | | | 45 | | | 0.22 | ND | 6 | | ND | | 0.5 | 0.32 | ND |
| OW56-s | 12/2/1999 | 4 | 284 | ND | | 2690 | | | 1.7 | ND | | | 41 | | | 1.39 | ND | 7 | | 0.0016 | | 0.74 | ND | ND |
| OW56-s | 5/26/2000 | 17 | 337 | ND | | 2330 | | | 1.7 | | | | 105 | | | 0.5 | | 17 | | ND | | 4.45 | ND | |
| OW56-s | 11/21/2000 | 31 | 305 | ND | | 2020 | | | ND | ND | | | 99 | | | 0.23 | ND | 15 | | 0.0002 | | 18.7 | ND | ND |
| OW56-s | 5/15/2001 | 8 | 301 | ND | | 1890 | | | 2.8 | ND | | | 8 | | | 0.03 | ND | 20 | | ND | | 1.33 | ND | ND |
| OW56-s | 12/1/2001 | ND | 305 | ND | | 1980 | | | 1.1 | ND | | | 55 | | | ND | ND | 9 | | ND | | 0.11 | ND | ND |
| OW56-s | 5/29/2002 | 8 | 340 | ND | | 1940 | | | ND | | | | 62 | | | 0.03 | | 12 | | 0.0004 | | 0.52 | ND | |
| OW56-s | 11/21/2002 | ND | 330 | ND | | 2110 | | | 2.8 | ND | | | 81 | | | 0.01 | ND | 13 | | ND | | 0.47 | ND | ND |
| OW56-s | 5/27/2003 | < 5 | 317 | < 0.005 | | 2040 | | | < 0.5 | < 0.0005 | | | 85 | | | 0.03 | < 0.001 | 14 | | < 0.0001 | | 1.36 | < 0.1 | < 0.0005 |
| OW56-s | 10/23/2003 | < 5 | 332 | < 0.005 | | | 2010 | | 1.1 | < 0.0016 | | | 68 | | | < 0.01 | < 0.0034 | 11 | | < 0.0001 | | 0.17 | < 0.1 | < 0.0027 |
| OW56-s | 5/6/2004 | < 5 | 326 | 0.002 | | | 2040 | | < 0.5 | < 0.0016 | | | 98 | | | 0.02 | < 0.0034 | 16 | | < 0.0001 | | 0.42 | < 0.1 | < 0.0027 |
| OW56-s | 11/11/2004 | < 5 | 313 | 0.003 | | | 2060 | | < 0.5 | < 0.0016 | | | 137 | | | 0.17 | < 0.0034 | 20 | | < 0.0001 | | 0.14 | < 0.1 | < 0.0027 |
| OW56-s | 5/3/2005 | 25 | 259 | < 0.001 | | | 1650 | | 1 | < 0.0016 | | | 342 | | | 0.07 | < 0.0034 | 40 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW56-s | 11/1/2005 | < 5 | 288 | 0.007 | | | 1990 | | 1.2 | < 0.0016 | | | 99 | | | < 0.03 | < 0.0034 | 15 | | < 0.0001 | | 0.9 | < 0.1 | < 0.0027 |
| OW56-s | 5/31/2006 | < 5 | 274 | < 0.001 | | | 1880 | | < 0.5 | < 0.0005 | | | 115 | | | < 0.03 | < 0.001 | 17 | < 0.01 | < 0.01 | | < 0.1 | < 0.1 | < 0.0005 |
| OW56-s | 11/16/2006 | < 5 | 280 | 0.003 | | | 1900 | | < 0.5 | < 0.0005 | | | 160 | | | < 0.03 | < 0.001 | 23 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW56-s | 4/19/2007 | < 5 | 287 | 0.003 | | | 1960 | | 0.9 | < 0.0005 | | | 108 | | | < 0.03 | < 0.001 | 16 | | < 0.0001 | | 0.4 | < 0.1 | < 0.0005 |
| OW56-s | 10/17/2007 | < 5 | 283 | 0.004 | | | 1960 | | 0.8 | < 0.0005 | | | 184 | | | < 0.03 | < 0.001 | 26 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW56-s | 4/30/2008 | 4 | 300 | < 0.005 | | 2020 | | | 0.8 | < 0.0001 | | | 180 | | | < 0.1 | < 0.0001 | 26 | | < 0.0002 | | 0.2 | < 0.01 | < 0.0001 |
| OW56-s | 11/18/2008 | 9 | 280 | < 0.005 | | 2320 | | | 0.9 | < 0.0001 | | | 150 | | | < 0.1 | < 0.0001 | 22 | | < 0.0002 | | 1 | < 0.01 | < 0.0001 |
| OW57 | 7/1/1994 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW57 | 7/6/1994 | ND | 4.99 | ND | | 720 | | | | | | | 79 | | | 0.01 | | 1.24 | 0.03 | ND | | ND | ND | |
| OW57 | 11/25/1994 | 55 | 9.64 | ND | | 730 | | | | ND | | | 360 | | | ND | 0.0007 | 2.34 | | ND | | ND | ND | ND |

| Location | Sampling Date | Chemical Oxygen Demand mg/L | Chloride mg/L | Chromium mg/L | Chrysene mg/L | Conductivity µs/cm | Conductivity us/cm | Dibenzo(a,h)anthracene mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Indeno(1,2,3-c,d)pyrene mg/L | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Naphthalene mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OW57 | 4/20/1995 | 5 | 4 | 0.68 | | 642 | | | | | | | 41 | | | 0.09 | | 4 | | ND | | ND | ND | |
| OW57 | 4/21/1995 | | | | | | | | | 0.0006 | | | | | | | 0.0063 | | | | | | | 0.002 |
| OW57 | 11/2/1995 | 10 | 4 | | | 587 | | | | | | | 43 | | | | | | | | | ND | ND | |
| OW57 | 11/3/1995 | | | ND | | | | | | ND | | | | | | 0.07 | ND | 5 | | ND | | | | ND |
| OW57 | 4/1/1996 | 13 | 6 | 0.01 | | 641 | | | 1.6 | ND | | | 41 | | | 0.04 | ND | 4 | | ND | | ND | ND | ND |
| OW57 | 11/1/1996 | 5 | 5 | 0.13 | | 720 | | | | ND | | | 60 | | | 0.37 | ND | 6 | | ND | | ND | ND | ND |
| OW57 | 5/1/1997 | | 5 | ND | | 429 | | | 1.5 | ND | | | 44 | | | 0.05 | ND | 4 | | ND | | ND | ND | ND |
| OW57 | 10/1/1997 | 5 | 5 | ND | | 715 | | | 1 | ND | | | 32 | | | ND | ND | 3 | | ND | | ND | ND | ND |
| OW57 | 5/8/1998 | 5 | 5 | ND | | 681 | | | 2 | ND | | | 14 | | | 0.09 | ND | 1 | | ND | | ND | ND | ND |
| OW57 | 11/18/1998 | ND | 5 | ND | | 660 | | | | ND | | | 23 | | | 0.05 | ND | 2 | | ND | | ND | ND | ND |
| OW57 | 5/10/1999 | ND | 5 | ND | | 637 | | | | ND | | | 17 | | | ND | ND | 1 | | ND | | ND | ND | ND |
| OW57 | 11/18/1999 | ND | 5 | | | 660 | | | | ND | | | 23 | | | | ND | | | | | ND | ND | ND |
| OW57 | 12/2/1999 | | | ND | | | | | | | | | | | | ND | | 2 | | ND | | | | |
| OW57 | 12/3/1999 | 11 | 6 | | | 684 | | | 1.7 | ND | | | 26 | | | | ND | | | | | ND | ND | ND |
| OW57 | 5/15/2000 | | | | | | | | | ND | | | | | | | ND | | | | | | | ND |
| OW57 | 5/25/2000 | 5 | 5 | ND | | 604 | | | 1.8 | | | | 21 | | | ND | | 2 | | ND | | ND | ND | |
| OW57 | 11/22/2000 | 5 | 5 | ND | | 601 | | | 0.6 | ND | | | 25 | | | ND | ND | 3 | | ND | | ND | ND | ND |
| OW57 | 5/15/2001 | ND | 3 | ND | | 557 | | | 1.1 | ND | | | 14 | | | 0.06 | ND | 1 | | ND | | ND | ND | ND |
| OW57 | 12/1/2001 | ND | 4 | ND | | 588 | | | 1.3 | ND | | | 19 | | | ND | ND | 1 | | ND | | ND | ND | ND |
| OW57 | 5/29/2002 | 9 | 4 | ND | | 578 | | | ND | ND | | | 18 | | | ND | ND | 2 | | ND | | ND | ND | ND |
| OW57 | 11/21/2002 | ND | 4 | ND | | 585 | | | 0.5 | ND | | | 13 | | | ND | ND | ND | | ND | | ND | ND | ND |
| OW57 | 5/29/2003 | < 5 | 6 | < 0.005 | | 569 | | | 0.7 | < 0.0005 | | | 10 | | | < 0.01 | < 0.001 | < 1 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW57 | 10/23/2003 | < 5 | 4 | < 0.005 | | | 571 | | 1.3 | < 0.0016 | | | 5 | | | 0.03 | < 0.0034 | < 1 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW57 | 5/5/2004 | < 5 | 5 | < 0.001 | | | 612 | | 0.9 | < 0.0016 | | | 12 | | | 0.01 | < 0.0034 | 1 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW57 | 11/11/2004 | < 5 | 6 | < 0.001 | | | 574 | | 0.7 | < 0.0016 | | | 14 | | | < 0.01 | < 0.0034 | 1 | | < 0.0001 | | 0.24 | < 0.1 | < 0.0027 |
| OW57 | 5/4/2005 | < 5 | 7 | < 0.001 | | | 601 | | 0.8 | < 0.0016 | | | 18 | | | < 0.01 | < 0.0034 | 2 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW57 | 11/1/2005 | < 5 | 5 | < 0.001 | | | 575 | | < 0.5 | < 0.0016 | | | 18 | | | < 0.03 | < 0.0034 | 2 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0027 |
| OW57 | 5/31/2006 | < 5 | 10 | < 0.001 | | | 693 | | 1.5 | < 0.0005 | | | 18 | | | < 0.03 | < 0.001 | 2 | < 0.01 | < 0.01 | | < 0.1 | < 0.1 | < 0.0005 |
| OW57 | 11/16/2006 | < 5 | 8 | 0.001 | | | 636 | | 0.6 | < 0.0005 | | | 18 | | | < 0.03 | < 0.001 | 2 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW57 | 4/20/2007 | < 5 | 10 | 0.001 | | | 618 | | 1 | < 0.0005 | | | 18 | | | < 0.03 | < 0.001 | 2 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW57 | 10/17/2007 | < 5 | 5 | < 0.001 | | | 547 | | 1.1 | < 0.0005 | | | 18 | | | 0.03 | < 0.001 | 2 | | < 0.0001 | | < 0.1 | < 0.1 | < 0.0005 |
| OW57 | 4/29/2008 | 7 | 17 | < 0.005 | | 562 | | | 0.7 | < 0.0001 | | | 19 | | | < 0.1 | < 0.0001 | 2.3 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |
| OW57 | 11/18/2008 | 5 | 7 | < 0.005 | | 522 | | | 0.7 | < 0.0001 | | | 18 | | | < 0.1 | < 0.0001 | 2 | | < 0.0002 | | < 0.1 | < 0.01 | < 0.0001 |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2054 | 7/1/1994 | | | | | | | | | | ND | | |
| 2054 | 7/6/1994 | 8.1 | | ND | 26.8 | | ND | 134 | 15.3 | | | 1.11 | |
| 2054 | 11/25/1994 | 7.4 | | ND | 20.6 | | ND | 84.4 | 64.6 | | ND | 1.8 | 3.72 |
| 2054 | 4/3/1995 | | | | 20 | | ND | 57 | | | | | |
| 2054 | 4/20/1995 | 8.29 | | ND | | | | | 26 | | | 2.54 | |
| 2054 | 4/21/1995 | | | | | | | | | | ND | | |
| 2054 | 11/2/1995 | 8.17 | | ND | | | | | 20 | | | 2.18 | |
| 2054 | 11/3/1995 | | | | 23 | | ND | 58 | | | ND | | |
| 2054 | 4/1/1996 | 8.12 | ND | 0.007 | 31 | ND | ND | 242 | 43 | | 0.0028 | 3.65 | |
| 2054 | 11/1/1996 | 7.72 | | 0.013 | 23 | | ND | 62 | 36 | ND | ND | 2.73 | 1.4 |
| 2054 | 5/1/1997 | 8 | ND | ND | 22 | ND | ND | 63 | 34 | | ND | 2.25 | 2.1 |
| 2054 | 10/1/1997 | 8.18 | ND | 0.011 | | ND | | | 19 | | ND | 2.12 | 2.4 |
| 2054 | 11/1/1997 | | | | 23 | | ND | 65 | | | | | |
| 2054 | 5/8/1998 | 8.58 | ND | ND | 26 | ND | ND | 148 | 15 | 0.0009 | 0.005 | 15.2 | ND |
| 2054 | 11/18/1998 | 8.94 | ND | 0.003 | 39 | ND | ND | 210 | 9 | | 0.0029 | 3.22 | 2.3 |
| 2054 | 5/12/1999 | 8.56 | ND | ND | 24 | ND | ND | 66 | 11 | | ND | 2.63 | 1.9 |
| 2054 | 11/18/1999 | 8.94 | | 0.003 | 39 | | ND | 210 | 9 | | | 3.22 | 2.3 |
| 2054 | 12/2/1999 | | | | 23 | | ND | 67 | | | | | |
| 2054 | 12/3/1999 | 8.08 | ND | ND | | ND | | | 16 | | ND | 3.2 | |
| 2054 | 5/26/2000 | 7.89 | ND | 0.002 | 23 | ND | ND | 67 | 22 | | ND | 1.65 | |
| 2054 | 11/29/2000 | 8.27 | ND | ND | 24 | ND | ND | 69 | 16 | ND | ND | 2.3 | |
| 2054 | 5/16/2001 | 8.26 | ND | ND | 20 | ND | ND | 62 | 17 | ND | ND | 2.3 | |
| 2054 | 12/1/2001 | | ND | | | ND | | | | ND | ND | | |
| 2054 | 12/7/2001 | 8.84 | | ND | 26 | | ND | 198 | 14 | | | 1.6 | |
| 2054 | 5/29/2002 | 8.98 | ND | ND | 24 | ND | ND | 70 | 12 | ND | 0.0019 | 2.67 | |
| 2054 | 11/21/2002 | 8.88 | ND | ND | 27 | ND | ND | 225 | 10 | ND | 0.0041 | 3.76 | |
| 2054 | 5/29/2003 | 6.45 | < 0.0001 | 0.002 | 191 | < 0.0002 | 0.04 | 5870 | 11 | < 0.003 | 0.146 | 27.2 | |
| 2054 | 10/23/2003 | 7.35 | < 0.0012 | <0.001 | 183 | < 0.0012 | 0.04 | 3460 | 2 | < 0.0022 | 0.0179 | 76.4 | 4.4 |
| 2054 | 5/6/2004 | 7.26 | < 0.0012 | <0.001 | 142 | < 0.0012 | < 0.001 | 2680 | 2 | < 0.0022 | 0.0122 | 3.98 | 3.5 |
| 2054 | 11/11/2004 | 7.33 | < 0.0012 | <0.001 | 135 | < 0.0012 | < 0.0001 | 2650 | 3 | < 0.0022 | 0.0066 | 11.8 | < 0.5 |
| 2054 | 5/3/2005 | 7.12 | < 0.0012 | <0.001 | 144 | < 0.0012 | 0.03 | 2990 | 16 | < 0.0022 | 0.0093 | 16 | < 0.5 |
| 2054 | 11/2/2005 | 7.31 | < 0.0002 | <0.001 | 133 | < 0.0002 | < 0.001 | 3440 | 17 | < 0.0022 | 0.0098 | 15.1 | < 2.5 |
| 2054 | 5/31/2006 | 8.12 | < 0.0002 | <0.001 | 31 | < 0.0002 | < 0.0001 | 344 | 5 | < 0.0003 | < 0.0005 | 2.86 | < 0.5 |
| 2054 | 11/16/2006 | 7.35 | < 0.0002 | <0.001 | 92 | < 0.0002 | < 0.001 | 2760 | < 1 | < 0.0003 | 0.0048 | 10.9 | 0.9 |
| 2054 | 4/20/2007 | 9.04 | < 0.0002 | <0.001 | 25 | < 0.0002 | < 0.0001 | 212 | 5 | < 0.0003 | 0.0041 | 2.67 | 1.9 |
| 2054 | 4/30/2008 | | < 0.00005 | 0.007 | 23 | < 0.00005 | < 0.0004 | 130 | 15 | < 0.0001 | 0.0026 | 3 | 1.8 |
| 2054 | 11/19/2008 | 8 | < 0.00005 | 0.011 | 23 | < 0.00005 | < 0.0004 | 270 | 21 | < 0.0001 | < 0.0002 | 2.2 | 1.6 |
| 2055 | 7/1/1994 | | | | | | | | | | ND | | |
| 2055 | 7/6/1994 | 7 | | | 3.15 | | ND | 25.3 | 41.6 | | | 0.38 | 14 |
| 2055 | 11/25/1994 | 7.1 | | ND | 5.01 | | ND | 11.7 | 30.2 | | | 0.38 | 3.12 |
| 2055 | 4/3/1995 | | | | 4 | | ND | 26 | | | | | |
| 2055 | 4/20/1995 | 7.94 | | ND | | | | | 36 | | | 0.18 | |
| 2055 | 4/21/1995 | | | | | | | | | | ND | | |
| 2055 | 11/2/1995 | 7.39 | | ND | | | | | 37 | | | 0.35 | |
| 2055 | 11/3/1995 | | | | 4 | | ND | 22 | | | ND | | |
| 2055 | 4/1/1996 | 7.27 | ND | ND | 4 | ND | ND | 25 | 35 | | ND | 0.4 | |
| 2055 | 11/1/1996 | 7.34 | | ND | 4 | | ND | 26 | 35 | ND | ND | 0.29 | 0.9 |
| 2055 | 5/1/1997 | 7.54 | | ND | 4 | | ND | 27 | 37 | | ND | 0.3 | 3.7 |
| 2055 | 10/1/1997 | 7.47 | ND | ND | 4 | ND | ND | 55 | 35 | | ND | 0.33 | 2.5 |
| 2055 | 5/8/1998 | 8.09 | ND | ND | 4 | ND | ND | 53 | 33 | ND | ND | 0.41 | 3.2 |
| 2055 | 11/18/1998 | 7.72 | | 0.001 | 5 | | ND | 41 | 36 | | ND | 0.38 | 3.2 |
| 2055 | 2/2/1999 | 7.53 | | 0.175 | 30 | | ND | 328 | 101 | ND | 0.0021 | 20.7 | |
| 2055 | 11/18/1999 | 7.72 | | 0.001 | 5 | | ND | 41 | 36 | | | 0.38 | 3.2 |
| 2055 | 12/2/1999 | | | | 73 | | ND | 5390 | | | | | |
| 2055 | 12/3/1999 | 7.31 | ND | 0.005 | | ND | | | 210 | | ND | 10.8 | |
| 2055 | 5/26/2000 | 6.42 | ND | 0.015 | 98 | ND | ND | 9310 | 26 | | ND | 0.46 | |
| 2055 | 11/22/2000 | 6.63 | ND | 0.009 | 136 | ND | 0.0002 | 11700 | 91 | ND | 0.0046 | 14.8 | |
| 2055 | 5/14/2001 | 6.92 | ND | 0.005 | 210 | ND | ND | 6800 | 391 | ND | ND | 15.7 | |
| 2055 | 12/1/2001 | 6.97 | ND | 0.003 | 119 | ND | 0.03 | 10500 | 21 | ND | ND | 16.1 | |
| 2055 | 5/29/2002 | 7.05 | ND | 0.006 | 99 | ND | 0.06 | 13900 | 15 | ND | ND | 12.1 | |
| 2055 | 11/21/2002 | 6.86 | ND | 0.002 | 138 | ND | 0.05 | 12200 | 12 | ND | 0.0015 | 27 | |
| 2055 | 5/29/2003 | 6.8 | 0.0001 | 0.002 | 87 | < 0.0002 | 0.04 | 7340 | 97 | < 0.0003 | < 0.0005 | 15.7 | |
| 2055 | 10/23/2003 | 6.95 | < 0.0012 | <0.001 | 232 | < 0.0012 | 0.05 | 13500 | 127 | < 0.0022 | 0.0016 | 26.6 | 3.1 |
| 2055 | 5/4/2004 | 6.22 | < 0.0012 | 0.012 | 265 | < 0.0012 | 0.04 | 13900 | 122 | < 0.0022 | 0.0042 | 7.78 | 4 |
| 2055 | 11/12/2004 | 6.96 | < 0.0012 | 0.006 | 244 | < 0.0012 | 0.0002 | 16000 | 11 | < 0.0022 | 0.0028 | 23.2 | < 0.5 |
| 2055 | 5/3/2005 | 6.82 | < 0.0012 | 0.009 | 251 | < 0.0012 | 0.04 | 13600 | 80 | < 0.0022 | 0.004 | 23 | < 0.5 |
| 2055 | 11/2/2005 | 6.75 | <0.0002 | 0.013 | 191 | <0.0002 | <0.001 | 15100 | 81 | <0.0022 | 0.002 | 23.5 | <5 |
| 2055 | 5/30/2006 | 7.2 | < 0.0002 | 0.003 | 161 | < 0.0002 | < 0.01 | 12800 | 26 | < 0.0003 | 0.0023 | 19.7 | < 0.5 |
| 2055 | 11/16/2006 | 7.27 | < 0.0002 | 0.007 | 88 | < 0.0002 | < 0.001 | 7290 | 9 | < 0.0003 | 0.0019 | 10 | 0.6 |
| 2055 | 4/20/2007 | 7.06 | < 0.0002 | 0.002 | 152 | < 0.0002 | < 0.01 | 13300 | 86 | < 0.0003 | 0.0037 | 17.3 | < 5 |
| M10-1 | 6/19/1991 | 7.4 | | ND | 4.2 | | ND | 11.8 | 33 | | | 0.3 | 2.3 |
| M10-1 | 7/1/1991 | | | | | | | | | ND | ND | | |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M10-1 | 10/8/1991 | 6.8 | | ND | 11.8 | | ND | 60 | 43 | | | ND | |
| M10-1 | 11/1/1991 | | | | | | | | | ND | ND | | |
| M10-1 | 7/1/1992 | | | | | | | | | ND | ND | | |
| M10-1 | 7/27/1992 | 7.64 | | ND | 4 | | ND | 14 | 35 | | | ND | 2.1 |
| M10-1 | 5/1/1993 | | | | | | | | | ND | ND | | |
| M10-1 | 5/13/1993 | 7.56 | | ND | 4 | | ND | 16 | 31 | | | 0.15 | 1.9 |
| M10-1 | 7/1/1994 | | | | | | | | | | ND | | |
| M10-1 | 7/6/1994 | 7 | | ND | 3.81 | | ND | 24.9 | 35 | | | 2.9 | 23.6 |
| M10-1 | 4/20/1995 | 7.41 | | ND | 5 | | ND | 21 | 40 | | | 0.2 | |
| M10-1 | 4/21/1995 | | | | | | | | | ND | ND | | |
| M10-1 | 4/1/1996 | 7.38 | | ND | 4 | | ND | 20 | 41 | ND | ND | 0.18 | |
| M10-1 | 4/1/1997 | | | | 7 | | ND | 42 | | | | | |
| M10-1 | 5/1/1997 | 7.48 | | ND | | | | | 37 | | ND | 0.36 | 2.2 |
| M10-1 | 5/8/1998 | 7.9 | | ND | 4 | | ND | 24 | 37 | | ND | 0.29 | 3.7 |
| M10-1 | 5/10/1999 | 7.43 | | ND | 5 | | ND | 52 | 44 | ND | ND | 0.06 | 5.4 |
| M10-1 | 12/3/1999 | 8.03 | | ND | 9 | | ND | 53 | 22 | | ND | 0.8 | |
| M10-1 | 5/24/2000 | 7.67 | | ND | 6 | | ND | 58 | 58 | | ND | 0.63 | |
| M10-1 | 5/14/2001 | 7.44 | | ND | 63 | | ND | 5 | 54 | | ND | 0.43 | |
| M10-1 | 6/18/2002 | | | | | | | | | | ND | | |
| M10-1 | 6/19/2002 | 7.55 | | ND | 6 | | ND | 73 | 41 | | | 2.15 | |
| M10-1 | 5/29/2003 | 7.46 | | <0.001 | 5 | | < 0.01 | 85 | 38 | | < 0.0005 | 0.88 | |
| M10-1 | 5/4/2004 | 7.05 | | <0.001 | 5 | | < 0.01 | 84 | 42 | | < 0.0015 | 0.75 | 8.1 |
| M10-1 | 5/4/2005 | 7.02 | | <0.001 | 5 | | < 0.001 | 90 | 34 | | < 0.0015 | 0.58 | 8.1 |
| M10-1 | 6/2/2006 | 7.56 | | <0.001 | 5 | | < 0.0001 | 82 | 46 | | < 0.0005 | 0.84 | 8.9 |
| M10-1 | 4/18/2007 | 7.19 | | <0.001 | 4 | | < 0.0001 | 96 | 38 | | < 0.0005 | 1.1 | 11.1 |
| M10-1 | 1/5/2008 | 7.9 | | < 0.004 | 3.9 | | < 0.0004 | 72 | 31 | | < 0.0002 | 2 | 8.3 |
| M10-2 | 7/1/1991 | | | | | | | | | ND | ND | | |
| M10-2 | 7/5/1991 | 8.2 | | ND | 31 | | ND | 132 | 184 | | | 1.7 | 3.8 |
| M10-2 | 10/8/1991 | 6.4 | | 0.004 | | | | | 625 | | | 1.8 | |
| M10-2 | 10/10/1991 | | | | 66 | | ND | 199 | | | | | |
| M10-2 | 11/1/1991 | | | | | | | | | ND | ND | | |
| M10-2 | 7/27/1992 | 7.85 | | ND | 33 | | 0.0003 | 337 | 319 | | | 2.6 | 4.3 |
| M10-2 | 5/13/1993 | 7.68 | | ND | 16 | | ND | 122 | 100 | | | 1.07 | 1.9 |
| M10-2 | 7/1/1994 | | | | | | | | | | ND | | |
| M10-2 | 7/6/1994 | 8 | | ND | 15.4 | | ND | 284 | 142 | | | 14 | 13.3 |
| M10-2 | 4/20/1995 | 8.23 | | ND | 15 | | ND | 249 | 98 | | | 1.33 | |
| M10-2 | 4/21/1995 | | | | | | | | | | ND | | |
| M10-2 | 4/1/1996 | 7.99 | | ND | 20 | | ND | 185 | 84 | | ND | 1.18 | |
| M10-2 | 4/1/1997 | | | | 13 | | ND | 175 | | | | | |
| M10-2 | 5/1/1997 | 7.93 | | ND | | | | | 126 | | ND | 1.13 | 2.2 |
| M10-2 | 5/8/1998 | 8.37 | | ND | 12 | | ND | 130 | 54 | | ND | 0.88 | 1.6 |
| M10-2 | 5/10/1999 | 8.17 | | ND | 15 | | ND | 169 | 47 | | ND | 0.85 | 1.9 |
| M10-2 | 5/24/2000 | 8.31 | | 0.002 | 21 | | ND | 150 | 94 | | ND | 0.97 | |
| M10-2 | 5/14/2001 | 8.11 | | ND | 13 | | ND | 170 | 34 | | ND | 1.03 | |
| M10-2 | 6/18/2002 | | | | | | | | | | ND | | |
| M10-2 | 6/19/2002 | 8.14 | | ND | 14 | | ND | 145 | 22 | | | 1.92 | |
| M10-2 | 5/29/2003 | 8.13 | | <0.001 | 12 | | < 0.01 | 192 | 47 | | < 0.0005 | 1.36 | |
| M10-2 | 5/4/2004 | 7.8 | | <0.001 | 14 | | < 0.01 | 118 | 31 | | < 0.0015 | 1.56 | 1.9 |
| M10-2 | 5/4/2005 | 7.86 | | <0.001 | 12 | | < 0.001 | 114 | 24 | | < 0.0015 | 1.13 | 1.2 |
| M10-2 | 6/2/2006 | 8.11 | | <0.001 | 11 | | < 0.0001 | 94 | 20 | | < 0.0005 | 0.86 | 1.6 |
| M10-2 | 4/18/2007 | 8.11 | | <0.001 | 10 | | < 0.0001 | 103 | 17 | | < 0.0005 | 1.01 | 1.1 |
| M10-2 | 1/5/2008 | 8.2 | | < 0.004 | 12 | | < 0.0004 | 110 | 16 | | < 0.0002 | 1.5 | 2.1 |
| M10-3 | 6/17/1991 | 8.8 | | 0.003 | 15.8 | | ND | 101 | 192 | | | 0.8 | 3.7 |
| M10-3 | 7/1/1991 | | | | | | | | | ND | ND | | |
| M10-3 | 10/8/1991 | 6.6 | | ND | | | | | 140 | | | 2.3 | |
| M10-3 | 10/10/1991 | | | | 14.4 | | ND | 115 | | | | | |
| M10-3 | 11/1/1991 | | | | | | | | | ND | ND | | |
| M10-3 | 7/29/1992 | 7.89 | | ND | 20 | | ND | 124 | 230 | | | 1.29 | 4.2 |
| M10-3 | 5/13/1993 | 7.51 | | ND | 9 | | ND | 40 | 39 | | | 0.26 | 1.6 |
| M10-3 | 4/20/1995 | 7.95 | | ND | 13 | | ND | 102 | 61 | | | 0.24 | |
| M10-3 | 4/21/1995 | | | | | | | | | | ND | | |
| M10-3 | 4/1/1996 | 7.9 | | ND | 17 | | ND | 80 | 53 | | ND | 0.24 | |
| M10-3 | 4/1/1997 | | | | 12 | | ND | 40 | | | | | |
| M10-3 | 5/1/1997 | 8.03 | | ND | | | | | 9 | | ND | 0.53 | 1.3 |
| M10-3 | 5/8/1998 | 8.4 | | ND | 10 | | ND | 298 | 202 | | ND | 0.59 | 2.1 |
| M10-3 | 5/10/1999 | 8.02 | | ND | 10 | | 0.01 | 27 | 13 | | ND | 0.9 | 1.2 |
| M10-3 | 5/14/2001 | 7.96 | | ND | 11 | | ND | 42 | 5 | | ND | 1.19 | |
| M10-3 | 6/18/2002 | | | | | | | | | | ND | | |
| M10-3 | 6/19/2002 | 8.12 | | ND | 11 | | ND | 46 | 26 | | | 2.71 | |
| M10-3 | 5/29/2003 | 7.95 | | <0.001 | 12 | | < 0.01 | 44 | 10 | | < 0.0005 | 1.58 | |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M10-3 | 10/24/2003 | | | | | | | | | | | | |
| M10-3 | 5/4/2004 | 7.73 | | <0.001 | 10 | | < 0.01 | 38 | 10 | | < 0.0015 | 2.25 | 1.4 |
| M10-3 | 5/4/2005 | 7.77 | | 0.002 | 11 | | < 0.001 | 44 | 12 | | < 0.0015 | 2.33 | < 0.5 |
| M10-3 | 6/2/2006 | 7.97 | | <0.001 | 11 | | < 0.0001 | 40 | 26 | | < 0.0005 | 1.23 | 1.3 |
| M10-3 | 4/18/2007 | 7.99 | | <0.001 | 10 | | < 0.0001 | 38 | 14 | | < 0.0005 | 1.97 | 0.9 |
| M10-3 | 1/5/2008 | 8.1 | | < 0.004 | 13 | | < 0.0004 | 60 | 12 | | < 0.0002 | 1.9 | 3.2 |
| M12 | 6/21/1991 | 7.8 | | ND | 1.5 | | ND | 13 | 37 | | | ND | |
| M12 | 7/1/1991 | | | | | | | | | ND | ND | | |
| M12 | 7/24/1992 | 7.49 | | ND | | | | | 24 | | | 0.15 | 0.9 |
| M12 | 8/24/1992 | | | | 1 | | ND | 15 | | | | | |
| M12 | 5/12/1993 | 7.74 | | ND | 1 | | ND | 18 | 36 | | | 0.11 | 1.2 |
| M12 | 7/1/1994 | | | | | | | | | | ND | | |
| M12 | 7/6/1994 | 7.4 | | ND | 0.67 | | ND | 15.1 | 43.4 | | | 0.27 | 10.6 |
| M12 | 4/20/1995 | 8.08 | | ND | ND | | ND | 15 | 35 | | | 0.08 | |
| M12 | 4/21/1995 | | | | | | | | | | ND | | |
| M12 | 4/1/1996 | 7.38 | | ND | ND | | ND | 13 | 38 | | ND | 0.16 | |
| M12 | 4/1/1997 | | | | ND | | ND | 20 | | | | | |
| M12 | 5/1/1997 | 7.75 | | ND | | | | | ND | | ND | 0.19 | 2.2 |
| M12 | 5/8/1998 | 7.84 | | ND | 4 | | ND | 19 | 50 | | ND | 0.11 | 0.11 |
| M12 | 5/10/1999 | 7.81 | | 0.001 | ND | | ND | 31 | 32 | | ND | 0.11 | 0.9 |
| M12 | 5/24/2000 | 7.91 | | 0.001 | ND | | ND | 27 | 39 | | ND | 1.17 | |
| M12 | 5/14/2001 | 7.81 | | ND | ND | | ND | 24 | 42 | | ND | 0.2 | |
| M12 | 6/17/2002 | 7.84 | | ND | ND | | ND | 17 | 60 | | ND | 0.16 | |
| M12 | 5/27/2003 | 7.91 | | <0.001 | < 1 | | < 0.01 | 19 | 44 | | < 0.0005 | 0.12 | |
| M12 | 10/24/2003 | | | | | | | | | | | | |
| M12 | 5/3/2004 | 7.65 | | <0.001 | < 1 | | < 0.01 | 21 | 52 | | < 0.0015 | 0.17 | 1.6 |
| M12 | 5/2/2005 | 7.69 | | <0.001 | < 1 | | < 0.0001 | 20 | 31 | | < 0.0015 | < 0.05 | 0.9 |
| M12 | 5/30/2006 | 7.98 | | <0.001 | < 1 | | < 0.0001 | 20 | 37 | | < 0.0005 | < 0.05 | 1.4 |
| M12 | 4/18/2007 | 7.83 | | <0.001 | < 1 | | < 0.0001 | 18 | 41 | | < 0.0005 | 0.06 | 1.7 |
| M12 | 4/29/2008 | 8.1 | | < 0.004 | 0.5 | | < 0.0004 | 13 | 28 | | < 0.0002 | < 0.7 | 1.1 |
| M14 | 6/21/1991 | 7.7 | | ND | 4 | | ND | 48 | 102 | | | ND | |
| M14 | 7/1/1991 | | | | | | | | | ND | ND | | |
| M14 | 7/24/1992 | 7.74 | | ND | | | | | 58 | | | 0.15 | 0.7 |
| M14 | 8/24/1992 | | | | 2 | | ND | 44 | | | | | |
| M14 | 5/12/1993 | 8 | | ND | 3 | | ND | 48 | 44 | | | 0.15 | 1.1 |
| M14 | 7/6/1994 | 7.5 | | ND | | | ND | 39.2 | | | | 0.31 | 11.6 |
| M14 | 4/20/1995 | 8.02 | | ND | 1 | | ND | 38 | 26 | | | 0.06 | |
| M14 | 4/21/1995 | | | | | | | | | | ND | | |
| M14 | 4/1/1996 | 7.52 | | ND | 1 | | ND | 14 | 29 | | ND | 0.12 | |
| M14 | 4/1/1997 | | | | 1 | | ND | 40 | | | | | |
| M14 | 5/1/1997 | 7.85 | | ND | | | | | 25 | | ND | 0.13 | 1.1 |
| M14 | 5/8/1998 | 7.97 | | ND | ND | | ND | 31 | 26 | | ND | 0.11 | 0.6 |
| M14 | 5/10/1999 | 7.94 | | 0.001 | 1 | | ND | 31 | 31 | | ND | 0.13 | 1 |
| M14 | 12/3/1999 | 8.16 | | ND | 2 | | ND | 36 | 39 | | ND | 0.18 | |
| M14 | 5/24/2000 | 7.75 | | ND | 1 | | ND | 37 | 29 | | ND | 0.15 | |
| M14 | 5/14/2001 | 7.78 | | ND | 1 | | ND | 18 | 32 | | ND | 0.2 | |
| M14 | 6/17/2002 | 8.09 | | ND | 1 | | ND | 26 | 27 | | ND | 0.18 | |
| M14 | 5/27/2003 | 7.94 | | <0.001 | 1 | | < 0.01 | 21 | 27 | | < 0.0005 | 0.12 | |
| M14 | 10/24/2003 | | | | | | | | | | | | |
| M14 | 5/3/2004 | 7.68 | | <0.001 | 1 | | < 0.01 | 28 | 34 | | < 0.0015 | 0.17 | 1.1 |
| M14 | 5/2/2005 | 7.77 | | <0.001 | 1 | | < 0.0001 | 19 | 44 | | < 0.0015 | 0.11 | 0.9 |
| M14 | 5/30/2006 | 8.15 | | <0.001 | 1 | | < 0.0001 | 29 | 48 | | < 0.0005 | 0.35 | 2.3 |
| M14 | 4/18/2007 | 7.93 | | <0.001 | 1 | | < 0.0001 | 25 | 49 | | < 0.0005 | < 0.05 | 2 |
| M14 | 4/29/2008 | 8.2 | | < 0.004 | 5.5 | | < 0.0004 | 17 | 56 | | < 0.0002 | < 0.7 | 1.7 |
| M19 | 6/21/1991 | 7.4 | | ND | 4.4 | | ND | 29 | 48 | | | 0.6 | |
| M19 | 7/1/1991 | | | | | | | | | ND | ND | | |
| M19 | 7/24/1992 | 7.55 | | ND | | | | | 43 | | | ND | 0.4 |
| M19 | 8/24/1992 | | | | 3 | | ND | 9 | | | | | |
| M19 | 5/12/1993 | 7.85 | | ND | 8 | | ND | 9 | 51 | | | ND | 1 |
| M19 | 7/1/1994 | | | | | | | | | | ND | | |
| M19 | 7/6/1994 | 7.3 | | ND | 4.19 | | ND | 6.6 | 41.8 | | | 0.26 | 14.7 |
| M19 | 4/20/1995 | 7.99 | | ND | 4 | | ND | 7 | 41 | | | ND | |
| M19 | 4/21/1995 | | | | | | | | | | ND | | |
| M19 | 4/1/1996 | 8 | | ND | 12 | | ND | 13 | 50 | | ND | 0.22 | |
| M19 | 4/1/1997 | | | | | | ND | | | | | | |
| M19 | 5/1/1997 | 7.96 | | ND | | | | | 47 | | ND | 0.14 | 0.9 |
| M19 | 5/8/1998 | 8.08 | | ND | 13 | | ND | 12 | 52 | | ND | 0.11 | 0.9 |
| M19 | 5/10/1999 | 7.96 | | ND | 2 | | ND | 8 | 52 | | ND | 0.11 | 0.9 |
| M19 | 5/24/2000 | | | | 3 | | ND | 9 | | | | | |
| M19 | 5/25/2000 | 7.42 | | 0.003 | | | | | 54 | | ND | 0.1 | |
| M19 | 5/14/2001 | 7.99 | | ND | 17 | | ND | 19 | 52 | | ND | 0.16 | |
| M19 | 6/17/2002 | 7.91 | | ND | 3 | | ND | 8 | 54 | | ND | 0.09 | |
| M19 | 5/27/2003 | 8.07 | | <0.001 | 3 | | < 0.0001 | 6 | 65 | | < 0.0005 | 0.14 | |
| M19 | 5/4/2004 | 7.69 | | <0.001 | 2 | | < 0.0001 | 9 | 80 | | < 0.0015 | 0.07 | < 0.5 |
| M19 | 5/2/2005 | 7.82 | | <0.001 | 10 | | < 0.0001 | 17 | 94 | | < 0.0015 | 0.05 | 0.6 |
| M19 | 5/30/2006 | 8.11 | | <0.001 | 2 | | < 0.0001 | 9 | 89 | | < 0.0005 | < 0.05 | 1 |
| M19 | 4/18/2007 | 7.89 | | <0.001 | 2 | | < 0.0001 | 9 | 112 | | < 0.0005 | < 0.05 | 1 |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M19 | 4/29/2008 | 8.2 | | < 0.004 | 7.4 | | < 0.0004 | 12 | 98 | | < 0.0002 | < 0.7 | 0.8 |
| M23 | 7/1/1991 | | | | | | | | | ND | ND | | |
| M23 | 7/2/1991 | 7.7 | | ND | 6.1 | | ND | 11 | 43 | | | 0.6 | |
| M23 | 7/27/1992 | 7.49 | | ND | 4 | | ND | 5 | 31 | | | 0.25 | 1.3 |
| M23 | 5/1/1993 | | | | | | | | | ND | ND | | |
| M23 | 5/12/1993 | 7.66 | | ND | 2 | | ND | 4 | 36 | | | ND | 1 |
| M23 | 7/6/1994 | 7.1 | | 0.003 | | | | | | | | 0.54 | 11.9 |
| M23 | 4/20/1995 | 7.89 | | ND | 5 | | ND | 5 | 34 | | | 0.32 | |
| M23 | 4/21/1995 | | | | | | | | | | ND | | |
| M23 | 4/1/1996 | 7.76 | | 0.005 | | | ND | 4 | 28 | | ND | 0.11 | |
| M23 | 4/1/1997 | | | | 1 | | ND | 4 | | | | | |
| M23 | 5/1/1997 | 7.72 | | ND | | | | | 25 | | ND | 0.14 | 0.8 |
| M23 | 5/8/1998 | 7.86 | | ND | ND | | ND | 1 | 26 | | ND | 0.23 | 1 |
| M23 | 5/10/1999 | 7.94 | | ND | 3 | | ND | 9 | 49 | | ND | 0.29 | 1.6 |
| M23 | 5/24/2000 | 7.7 | | 0.001 | 1 | | ND | 5 | 27 | | ND | 0.17 | |
| M23 | 5/14/2001 | 7.73 | | ND | ND | | ND | 5 | 27 | | ND | 0.18 | |
| M23 | 6/17/2002 | 7.94 | | ND | 1 | | ND | 3 | 29 | | ND | 0.09 | |
| M23 | 5/27/2003 | 8 | | <0.001 | < 1 | | < 0.01 | < 2 | 28 | | < 0.0005 | 0.14 | |
| M23 | 5/3/2004 | 7.8 | | <0.001 | < 1 | | < 0.01 | 5 | 28 | | < 0.0015 | 0.12 | 0.9 |
| M23 | 5/2/2005 | 7.63 | | <0.001 | 1 | | < 0.0001 | 6 | 25 | | < 0.0015 | < 0.05 | 0.6 |
| M23 | 5/30/2006 | 8.02 | | <0.001 | < 1 | | < 0.0001 | 5 | 27 | | < 0.0005 | 0.16 | 1.1 |
| M23 | 4/18/2007 | 7.84 | | <0.001 | < 1 | | < 0.0001 | 5 | 22 | | < 0.0005 | < 0.05 | 1 |
| M23 | 4/29/2008 | 8.1 | | < 0.004 | 1.1 | | < 0.0004 | 4 | 27 | | < 0.0002 | < 0.7 | 1 |
| M28 | 7/1/1991 | | | | | | | | | ND | ND | | |
| M28 | 7/3/1991 | 7.8 | | ND | 45 | | ND | 11 | 68 | | | ND | |
| M28 | 7/27/1992 | 7.68 | | ND | 2 | | ND | 6 | 38 | | | ND | 0.8 |
| M28 | 5/13/1993 | 7.66 | | ND | 2 | | ND | 6 | 38 | | | 0.04 | 0.7 |
| M28 | 7/1/1994 | | | | | | | | | | ND | | |
| M28 | 7/6/1994 | | | ND | 1.81 | | ND | 8.8 | | | | | |
| M28 | 4/20/1995 | 7.98 | | ND | 2 | | ND | 6 | 36 | | | 0.04 | |
| M28 | 4/21/1995 | | | | | | | | | | ND | | |
| M28 | 4/1/1996 | 7.69 | | ND | 2 | | ND | 10 | 37 | | ND | 0.08 | |
| M28 | 4/1/1997 | | | | 2 | | ND | 9 | | | | | |
| M28 | 5/1/1997 | 7.91 | | ND | | | | | 33 | | ND | 0.3 | 0.9 |
| M28 | 5/8/1998 | 8.1 | | ND | ND | | ND | 3 | 34 | | ND | 0.09 | ND |
| M28 | 5/11/1999 | 7.96 | | ND | 2 | | ND | 4 | 35 | | ND | 0.15 | 1 |
| M28 | 5/24/2000 | | | | 1 | | 0.01 | 7 | | | | | |
| M28 | 5/25/2000 | 7.56 | | 0.003 | | | | | 34 | | ND | 0.1 | |
| M28 | 5/14/2001 | 7.9 | | ND | 2 | | ND | 5 | 27 | | ND | 0.13 | |
| M28 | 6/17/2002 | 8.18 | | ND | 2 | | ND | 4 | 29 | | ND | 0.25 | |
| M28 | 5/27/2003 | 8.09 | | <0.001 | 3 | | < 0.01 | 5 | 27 | | < 0.0005 | 0.12 | |
| M28 | 5/3/2004 | 7.77 | | <0.001 | 2 | | < 0.01 | 7 | 30 | | < 0.0015 | 0.1 | 1 |
| M28 | 5/2/2005 | 7.81 | | <0.001 | 2 | | < 0.0001 | 9 | 29 | | < 0.0015 | < 0.05 | 1 |
| M28 | 5/30/2006 | 8.16 | | <0.001 | 2 | | < 0.0001 | 8 | 29 | | < 0.0005 | 0.19 | 1.2 |
| M28 | 4/18/2007 | 7.9 | | <0.001 | 1 | | < 0.0001 | 6 | 31 | | < 0.0005 | 0.13 | 1.2 |
| M28 | 4/29/2008 | 8.3 | | < 0.004 | 1.6 | | < 0.0004 | 5.8 | 36 | | < 0.0002 | < 0.7 | 1.1 |
| M29 | 7/1/1991 | | | | | | | | | ND | ND | | |
| M29 | 7/5/1991 | 9.3 | | ND | 4.7 | | ND | 26 | 86 | | | 1.6 | |
| M29 | 7/24/1992 | 7.49 | | ND | | | | | 59 | | | 0.35 | 3 |
| M29 | 8/24/1992 | | | | 7 | | ND | 33 | | | | | |
| M29 | 5/13/1993 | 7.64 | | ND | 3 | | ND | 39 | 57 | | | 0.21 | 2 |
| M29 | 5/15/2001 | 8.06 | | ND | 2 | | ND | 91 | 47 | | ND | 0.34 | |
| M29 | 5/27/2003 | 8.08 | | <0.001 | 2 | | < 0.01 | 74 | 73 | | < 0.0005 | 0.64 | |
| M29 | 5/4/2004 | | | | 2 | | < 0.0001 | 299 | | | | | |
| M31 | 7/1/1991 | | | | | | | | | ND | ND | | |
| M31 | 7/5/1991 | 8 | | ND | 44 | | ND | 38 | 74 | | | 1 | |
| M31 | 8/7/1991 | | | | | | | | | ND | ND | | |
| M31 | 7/24/1992 | 7.64 | | ND | | | | | 67 | | | ND | 1.7 |
| M31 | 7/29/1992 | | | ND | | | | | | | | | |
| M31 | 8/24/1992 | | | | 2 | | ND | 11 | | | | | |
| M31 | 5/13/1993 | 7.8 | | ND | 1 | | ND | 11 | 60 | | | 0.13 | 1.2 |
| M31 | 7/6/1994 | 7.4 | | ND | | | 0.00003 | 36.2 | 41.3 | | | 3.8 | 30 |
| M31 | 4/20/1995 | 7.9 | | ND | 1 | | ND | 18 | 55 | | | 0.07 | |
| M31 | 4/21/1995 | | | | | | | | | | 0.0005 | | |
| M31 | 5/8/1998 | 7.99 | | ND | ND | | ND | 72 | 42 | | ND | 0.14 | 3.4 |
| M31 | 5/10/1999 | 8 | | ND | 1 | | ND | 87 | 38 | | ND | 0.05 | 1.6 |
| M31 | 5/15/2000 | | | | | | | | | | ND | | |
| M31 | 5/25/2000 | 7.6 | | 0.001 | 2 | | ND | 47 | 36 | | | 0.15 | |
| M35 | 7/1/1991 | | | | | | | | | ND | ND | | |
| M35 | 7/4/1991 | 7.9 | | ND | 5 | | ND | 125 | 132 | | | ND | |
| M35 | 7/24/1992 | 7.63 | | ND | | | | | 73 | | | 0.24 | 3 |
| M35 | 8/24/1992 | | | | 2 | | ND | 90 | | | | | |
| M35 | 5/13/1993 | 7.85 | | 0.002 | 1 | | ND | 32 | 35 | | | 0.44 | 2.2 |
| M35 | 7/1/1994 | | | | | | | | | | ND | | |
| M35 | 7/6/1994 | 7.6 | | ND | 0.9 | | ND | 20.1 | 85.8 | | | 3.8 | 43.1 |
| M35 | 4/20/1995 | 7.91 | | ND | ND | | ND | 36 | 92 | | | 0.04 | |
| M35 | 4/21/1995 | | | | | | | | | | ND | | |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M35 | 4/1/1996 | 7.99 | | ND | 1 | | ND | 46 | 99 | | ND | 0.12 | |
| M35 | 4/1/1997 | | | | ND | | ND | 42 | | | | | |
| M35 | 5/1/1997 | 8.02 | | ND | | | | | 107 | | ND | 0.11 | 2 |
| M35 | 5/8/1998 | 8.24 | | ND | ND | | ND | 54 | 101 | | ND | 0.13 | 2.3 |
| M35 | 5/10/1999 | 8.27 | | ND | ND | | ND | 64 | 114 | | ND | 0.05 | 1.9 |
| M35 | 5/25/2000 | 8.2 | | ND | 1 | | ND | 60 | 124 | | ND | 0.08 | |
| M35 | 5/14/2001 | 8.08 | | ND | ND | | ND | 46 | 84 | | ND | 0.08 | |
| M35 | 6/17/2002 | 8.14 | | ND | ND | | ND | 132 | 118 | | ND | 0.37 | |
| M35 | 5/27/2003 | 8.13 | | <0.001 | < 1 | | < 0.01 | 63 | 108 | | < 0.0005 | 0.16 | |
| M35 | 5/3/2004 | 8.15 | | <0.001 | < 1 | | < 0.01 | 61 | 106 | | < 0.0015 | 0.1 | 1.3 |
| M35 | 5/2/2005 | 8.01 | | <0.001 | < 1 | | < 0.0001 | 55 | 77 | | < 0.0015 | 1.3 | 1.1 |
| M35 | 5/30/2006 | 8.36 | | <0.001 | < 1 | | < 0.0001 | 58 | 96 | | < 0.0005 | 0.96 | 1.9 |
| M35 | 4/18/2007 | 8.26 | | <0.001 | < 1 | | < 0.0001 | 62 | 85 | | < 0.0005 | 0.12 | 1.5 |
| M35 | 4/29/2008 | 8.6 | | < 0.004 | 0.81 | | < 0.0004 | 86 | 101 | | < 0.0002 | < 0.7 | 1.3 |
| M39 | 5/13/1993 | 7.63 | | ND | 2 | | ND | 68 | 137 | | | 0.26 | 3.5 |
| M39 | 7/1/1994 | | | | | | | | | | ND | | |
| M39 | 7/6/1994 | | | | | | | | | | | 3.7 | 26.6 |
| M39 | 4/20/1995 | 7.96 | | ND | 1 | | ND | 87 | 184 | | | 0.08 | |
| M39 | 4/21/1995 | | | | | | | | | | ND | | |
| M39 | 4/1/1996 | 8.15 | | ND | 1 | | ND | 76 | 166 | | ND | 0.28 | |
| M39 | 5/8/1998 | 7.88 | | ND | ND | | ND | 95 | 116 | | ND | 0.14 | 4.2 |
| M39 | 5/30/2000 | 7.79 | | ND | 1 | | ND | 116 | 122 | | ND | 0.6 | |
| M39 | 5/14/2001 | 7.83 | | ND | ND | | ND | 67 | 80 | | ND | 0.1 | |
| M39 | 6/17/2002 | 8.01 | | ND | ND | | ND | 124 | 134 | | ND | 0.25 | |
| M39 | 5/27/2003 | 8.12 | | <0.001 | < 1 | | < 0.01 | 186 | 94 | | < 0.0005 | 0.16 | |
| M39 | 5/3/2004 | 7.94 | | <0.001 | < 1 | | < 0.01 | 149 | 110 | | < 0.0015 | 0.14 | 2.1 |
| M39 | 5/2/2005 | 7.8 | | <0.001 | < 1 | | < 0.0001 | 100 | 46 | | < 0.0015 | 0.2 | 1.3 |
| M39 | 4/18/2007 | 7.96 | | <0.001 | < 1 | | < 0.0001 | 112 | 69 | | < 0.0005 | 0.11 | 2.8 |
| M3A-1 | 7/1/1992 | | | | | | | | | ND | ND | | |
| M3A-1 | 7/27/1992 | 8.03 | | ND | 15 | | ND | 118 | 102 | | | 1 | 6.1 |
| M3A-1 | 5/13/1993 | | | ND | | | | | | | | 0.82 | 2.3 |
| M3A-1 | 5/17/1993 | 7.77 | | | 14 | | ND | 97 | 48 | | | | |
| M3A-1 | 7/6/1994 | | | | 11.6 | | ND | 86.7 | | | | | |
| M3A-1 | 4/20/1995 | 8.19 | | ND | 10 | | ND | 88 | 28 | | | 1.02 | |
| M3A-1 | 4/21/1995 | | | | | | | | | ND | ND | | |
| M3A-1 | 4/1/1996 | 8.14 | | ND | 10 | | ND | 92 | 29 | | ND | 0.73 | |
| M3A-1 | 4/1/1997 | | | | 10 | | ND | 91 | | | | | |
| M3A-1 | 5/1/1997 | 7.93 | | ND | | | | | 30 | | ND | 0.98 | 2.3 |
| M3A-1 | 5/8/1998 | 8.07 | | 0.0002 | 15 | | ND | 84 | 31 | | ND | 1.05 | 2 |
| M3A-1 | 5/11/1999 | 8.02 | | ND | 13 | | ND | 78 | 41 | | ND | 0.75 | 1.2 |
| M3A-1 | 5/26/2000 | 7.4 | | ND | 9 | | ND | 92 | 28 | | | 0.57 | |
| M3A-1 | 5/16/2001 | 7.85 | | ND | 9 | | ND | 90 | 37 | | ND | 0.82 | |
| M3A-1 | 6/18/2002 | 8.4 | | ND | 7 | | ND | 101 | 28 | | ND | 0.88 | |
| M3A-1 | 5/28/2003 | 8.05 | | <0.001 | 10 | | < 0.01 | 96 | 32 | | < 0.0005 | 0.7 | |
| M3A-1 | 5/6/2004 | 8.16 | | <0.001 | 9 | | < 0.0001 | 104 | 25 | | < 0.0015 | 1.25 | < 2.5 |
| M3A-1 | 5/4/2005 | 8.09 | | <0.001 | 9 | | < 0.001 | 114 | 27 | | < 0.0015 | 0.66 | < 0.5 |
| M3A-1 | 6/2/2006 | 8.2 | | 0.001 | 9 | | < 0.0001 | 97 | 25 | | < 0.0005 | 0.93 | 2.3 |
| M3A-1 | 4/19/2007 | 7.96 | | <0.001 | 8 | | < 0.0001 | 100 | 38 | | < 0.0005 | 0.67 | 1.5 |
| M3A-1 | 4/29/2008 | 8.2 | | < 0.004 | 8.2 | | < 0.0004 | 100 | 25 | | < 0.0002 | < 1 | 1.4 |
| M3A-2 | 7/27/1992 | 7.87 | | 0.004 | 9 | | ND | 155 | 96 | | | 0.99 | 5.9 |
| M3A-2 | 5/13/1993 | | | 0.003 | | | | | | | | 1 | 3.4 |
| M3A-2 | 5/17/1993 | 7.93 | | | 10 | | ND | 168 | 115 | | | | |
| M3A-2 | 7/6/1994 | | | | | | ND | 196 | | | | | |
| M3A-2 | 4/20/1995 | 7.84 | | ND | 16 | | ND | 280 | 239 | | | 0.24 | |
| M3A-2 | 4/21/1995 | | | | | | | | | | ND | | |
| M3A-2 | 5/8/1998 | 7.98 | | ND | 15 | | ND | 378 | 493 | | ND | 0.38 | 3.8 |
| M3A-2 | 5/6/2004 | 8.96 | | <0.001 | 6 | | < 0.0001 | 97 | 33 | | < 0.0015 | 0.22 | < 2.5 |
| M3A-3 | 7/27/1992 | 11.61 | | 0.002 | 32 | | ND | 136 | 36 | | | 7.62 | 14.3 |
| M3A-3 | 5/13/1993 | 11.69 | | ND | | | | | 112 | | | 3.45 | 11 |
| M3A-3 | 5/17/1993 | | | | 6 | | ND | 174 | | | | | |
| M3A-3 | 7/1/1994 | | | | | | | | | | 0.0012 | | |
| M3A-3 | 7/6/1994 | | | 0.0028 | 3.6 | | ND | 56.7 | | | | 5 | 32.1 |
| M3A-3 | 4/20/1995 | 9.98 | | 0.004 | 6 | | ND | 93 | 57 | | | 1.5 | |
| M3A-3 | 4/21/1995 | | | | | | | | | | ND | | |
| M3A-3 | 4/1/1996 | 9.93 | | 0.015 | 5 | | ND | 105 | 74 | | 0.0006 | 2.72 | |
| M3A-3 | 4/1/1997 | | | | 6 | | ND | 75 | | | | | |
| M3A-3 | 5/1/1997 | 9.32 | | ND | | | | | 43 | | 0.0009 | 0.87 | 0.9 |
| M3A-3 | 5/8/1998 | 9.34 | | ND | 6 | | ND | 98 | 54 | | ND | 0.69 | 2.4 |
| M3A-3 | 5/10/1999 | 10.09 | | 0.03 | 2 | | ND | 121 | 63 | | ND | 0.72 | 1.8 |
| M3A-3 | 5/26/2000 | 9.39 | | 0.004 | 6 | | ND | 112 | 59 | | | 1.39 | |
| M3A-3 | 5/16/2001 | 9.37 | | ND | 4 | | ND | 98 | 41 | | ND | 0.89 | |
| M3A-3 | 6/18/2002 | 9.11 | | 0.002 | 4 | | ND | 92 | 33 | | ND | 1.23 | |
| M4-1 | 6/25/1991 | 8 | | 1.65 | | | | | 96 | | | 0.9 | 291 |
| M4-1 | 7/1/1991 | | | | | | | | | ND | 0.434 | | |
| M4-1 | 10/25/1991 | | | | 23 | | ND | 225 | | | | | |
| M4-1 | 4/20/1995 | 8.02 | | ND | 22 | | | 350 | 269 | | | 0.68 | |
| M4-1 | 4/21/1995 | | | | | | | | | | ND | | |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M4-1 | 5/12/1999 | 7.96 | | ND | 25 | | ND | 510 | 424 | | ND | 0.51 | 6.5 |
| M4-2 | 6/17/1991 | 7.6 | | 1.45 | 6.4 | | ND | 92 | 44 | | | 0.7 | 396 |
| M4-2 | 7/1/1991 | | | | | | | | | ND | 0.51 | | |
| M4-2 | 7/1/1992 | | | | | | | | | ND | 0.041 | | |
| M4-2 | 7/24/1992 | 9.65 | | 1 | | | | | 47 | | | 1.4 | 122 |
| M4-2 | 8/24/1992 | | | | 24 | | ND | 320 | | | | | |
| M4-2 | 5/5/1993 | | | | | | | | | ND | 0.01 | | |
| M4-2 | 5/17/1993 | 9.62 | | 0.833 | | | | | 206 | | | 2.26 | 71 |
| M4-2 | 4/21/1995 | | | | | | | | | | ND | | |
| M4-2 | 5/11/1995 | 8.46 | | 0.002 | | | | | 242 | | | 3.54 | |
| M4-2 | 5/8/1998 | 8.04 | | ND | 25 | | ND | 615 | 534 | ND | ND | 0.65 | 8.7 |
| M4-2 | 5/12/1999 | | | ND | 28 | | ND | 670 | | ND | ND | 0.5 | 6.6 |
| M42-1 | 7/29/1992 | 6.36 | | ND | 97 | | ND | 8370 | 1534 | | | 9.49 | ND |
| M42-1 | 5/1/1993 | | | | | | | | | ND | ND | | |
| M42-1 | 5/13/1993 | 7.3 | | 0.003 | 145 | | ND | 8160 | 1246 | | | 13.1 | 1.9 |
| M42-1 | 7/6/1994 | 7.1 | | ND | 167 | | ND | 10300 | 231 | | | 13 | 506 |
| M42-1 | 4/20/1995 | 7.12 | | 0.003 | 232 | | ND | 12800 | 731 | | | 19.5 | |
| M42-1 | 4/21/1995 | | | | | | | | | | ND | | |
| M42-1 | 4/1/1996 | 6.96 | | ND | 248 | | ND | 15600 | 731 | | ND | 15.9 | |
| M42-1 | 5/8/1998 | 8.1 | | ND | 368 | | ND | 9450 | 519 | | ND | 7.62 | 7.62 |
| M42-1 | 5/11/1999 | 6.98 | | 0.004 | 290 | | ND | 18800 | 850 | | ND | 19.9 | 121 |
| M42-2 | 7/27/1992 | 9.25 | | ND | 58 | | 0.0005 | 3620 | 517 | | | 5.85 | 11.4 |
| M42-2 | 5/1/1993 | | | | | | | | | ND | ND | | |
| M42-2 | 5/13/1993 | 9.42 | | 0.003 | 132 | | ND | 9590 | 956 | | | 14.7 | 7.7 |
| M42-2 | 7/1/1994 | | | | | | | | | ND | ND | | |
| M42-2 | 7/6/1994 | 8.4 | | 0.0034 | | | ND | 11200 | 210 | | | 15 | 58.6 |
| M42-2 | 4/20/1995 | 8.02 | | 0.017 | 171 | | ND | 13610 | 896 | | | 19.5 | |
| M42-2 | 4/21/1995 | | | | | | | | | | ND | | |
| M42-2 | 4/1/1996 | 7.54 | | 0.007 | 195 | | ND | 19300 | 1020 | | 0.0011 | 24 | |
| M42-2 | 4/1/1997 | | | | 275 | | ND | 18700 | | | | | |
| M42-2 | 5/1/1997 | 7.66 | | 0.005 | | | | | 942 | | ND | 21.2 | 3.4 |
| M42-2 | 5/8/1998 | 6.94 | | 0.005 | 190 | | 0.03 | 18700 | 492 | | ND | 21.9 | ND |
| M42-2 | 5/11/1999 | 7.15 | | 0.006 | 210 | | ND | 19400 | 920 | | ND | 22.3 | 7.5 |
| M42-2 | 12/3/1999 | 7.05 | | 0.007 | 242 | | ND | 19500 | 1000 | | ND | 21.4 | |
| M42-2 | 5/25/2000 | 5.82 | | 0.005 | 215 | | ND | 20500 | 1120 | | ND | 6.6 | |
| M42-2 | 5/16/2001 | 6.73 | | 0.002 | 221 | | 0.01 | 24600 | 1100 | | ND | 22.4 | |
| M42-2 | 6/18/2002 | 7.28 | | 0.003 | 411 | | 0.041 | 36200 | 1100 | | ND | 20 | |
| M42-2 | 5/28/2003 | 6.65 | | 0.005 | 223 | | 0.03 | 22300 | 906 | | < 0.0005 | 25.1 | |
| M42-2 | 5/6/2004 | 6.02 | | 0.002 | 314 | | < 0.001 | 24700 | 972 | | < 0.0015 | 0.7 | 2.2 |
| M42-2 | 5/4/2005 | 6.63 | | 0.003 | 265 | | < 0.001 | 23600 | 338 | | < 0.0015 | 25.2 | < 0.5 |
| M42-2 | 6/2/2006 | 6.51 | | 0.003 | 289 | | < 0.01 | 27200 | 994 | | < 0.0005 | 28.2 | < 0.5 |
| M42-3 | 7/1/1992 | | | | | | | | | ND | 0.0027 | | |
| M42-3 | 7/27/1992 | 11.65 | | 0.003 | 77 | | 0.0004 | 1640 | 232 | | | 7.48 | 16.9 |
| M42-3 | 5/1/1993 | | | | | | | | | ND | ND | | |
| M42-3 | 5/13/1993 | 11.32 | | 0.003 | 26 | | ND | 876 | 146 | | | 6.72 | 6 |
| M42-3 | 5/11/1999 | 11.45 | | 0.004 | 19 | | ND | 830 | 143 | | 0.0026 | 8.11 | 10.2 |
| M42-3 | 5/15/2000 | | | | | | | | | | 0.0016 | | |
| M42-3 | 5/25/2000 | 10.54 | | 0.006 | 16 | | ND | 673 | 178 | | | 5.07 | |
| M42-3 | 5/16/2001 | 11.2 | | 0.021 | 15 | | ND | 662 | 175 | | 0.002 | 3.74 | |
| M42-3 | 6/18/2002 | 10.7 | | 0.021 | 16 | | ND | 736 | 111 | | 0.0026 | 4.85 | |
| M42-3 | 5/28/2003 | 11 | | 0.02 | 16 | | < 0.01 | 703 | 169 | | 0.0014 | 4.35 | |
| M42-3 | 5/6/2004 | 11 | | 0.026 | 17 | | < 0.001 | 709 | 171 | | < 0.0015 | 3.43 | 1.2 |
| M42-3 | 5/4/2005 | 10.8 | | 0.022 | 15 | | < 0.001 | 705 | 160 | | < 0.0015 | 4.42 | < 0.5 |
| M42-3 | 6/2/2006 | 10.6 | | <0.001 | 16 | | < 0.0001 | 694 | 164 | | 0.0018 | 4.51 | < 0.5 |
| M42-3 | 4/20/2007 | 10.5 | | 0.011 | 14 | | < 0.0001 | 653 | 173 | | 0.0017 | 2.91 | 0.6 |
| M4-3 | 6/26/1991 | 7.5 | | 11.48 | 13.8 | | ND | 137 | 52 | | | 0.8 | 364 |
| M4-3 | 7/1/1991 | | | | | | | | | ND | 0.301 | | |
| M4-3 | 7/1/1992 | | | | | | | | | ND | 0.089 | | |
| M4-3 | 7/24/1992 | 7.49 | | 0.06 | | | | | 8 | | | 0.24 | 35 |
| M4-3 | 8/24/1992 | | | | 36 | | ND | 94 | | | | | |
| M4-3 | 5/13/1993 | 7.63 | | 0.005 | | | | | 13 | | | 1.21 | 7 |
| M4-3 | 5/17/1993 | | | | 27 | | ND | 94 | | | | | |
| M4-3 | 7/6/1994 | | | 0.002 | 25.3 | | ND | 70.7 | | | | 3.8 | 22.4 |
| M4-3 | 4/20/1995 | 7.96 | | ND | 24 | | ND | 78 | ND | | | 0.89 | |
| M4-3 | 4/21/1995 | | | | | | | | | | ND | | |
| M4-3 | 4/1/1996 | 8.6 | | ND | 55 | | ND | 82 | 6 | ND | ND | 0.91 | |
| M4-3 | 4/1/1997 | | | | 80 | | ND | 88 | | | | | |
| M4-3 | 5/1/1997 | 8.74 | | ND | | | | | ND | | ND | 0.64 | 1.5 |
| M4-3 | 5/8/1998 | 8.38 | | ND | 37 | | ND | 68 | ND | | ND | 1.28 | 5.6 |
| M4-3 | 5/12/1999 | 8.29 | | 0.002 | 42 | | ND | 99 | 9 | | ND | 1.26 | 2.4 |
| M4-3 | 5/15/2000 | | | | | | | | | | ND | | |
| M4-3 | 5/25/2000 | 7.73 | | 0.001 | 31 | | ND | 86 | 8 | | | 0.9 | |
| M4-3 | 5/16/2001 | 7.97 | | ND | 25 | | ND | 87 | 15 | | ND | 1.15 | |
| M4-3 | 6/18/2002 | 8.14 | | ND | 24 | | ND | 77 | 8 | | ND | 0.73 | |
| M4-3 | 6/19/2002 | 8.14 | | ND | | | | | 8 | | | 0.73 | |
| M4-3 | 5/28/2003 | 8.24 | | <0.001 | 40 | | < 0.01 | 75 | 5 | | < 0.0005 | 1.61 | |
| M4-3 | 5/6/2004 | 8.31 | | <0.001 | 44 | | < 0.0001 | 81 | 3 | | < 0.0015 | 1.2 | 2.8 |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M4-3 | 11/12/2004 | 8.6 | < 0.0012 | <0.001 | 63 | < 0.0012 | < 0.0001 | 90 | 3 | < 0.0022 | < 0.0015 | 0.64 | 1.6 |
| M43-1 | 7/29/1992 | 7.07 | | ND | 49 | | ND | 8120 | 1180 | | | 7.42 | ND |
| M43-1 | 5/1/1993 | | | | | | | | | ND | ND | | |
| M43-1 | 5/13/1993 | 7.73 | | ND | 54 | | ND | 9940 | 1954 | | | 13.2 | 8 |
| M43-1 | 7/1/1994 | | | | | | | | | | 0.00121 | | |
| M43-1 | 7/6/1994 | 9.7 | | 0.0048 | 85.4 | | ND | 9300 | 272 | | | 19 | 137 |
| M43-1 | 4/20/1995 | 9.42 | | 0.003 | 57 | | ND | 6720 | 810 | | | 17.7 | |
| M43-1 | 4/21/1995 | | | | | | | | | | 0.0026 | | |
| M43-1 | 4/1/1996 | 9.48 | | 0.004 | 65 | | ND | 7250 | 1010 | | 0.0013 | 23 | |
| M43-1 | 4/1/1997 | | | | 172 | | ND | 14300 | | | | | |
| M43-1 | 5/1/1997 | 8.57 | | ND | | | | | 1350 | | ND | 21.6 | 2.4 |
| M43-1 | 5/8/1998 | 9.03 | | 0.005 | 123 | | ND | 8910 | 1150 | | ND | 22.1 | ND |
| M43-1 | 5/10/1999 | 9.09 | | 0.006 | 106 | | ND | 10800 | 1070 | | ND | 20.6 | 15.5 |
| M43-1 | 5/26/2000 | 6.35 | | 0.005 | 190 | | ND | 20800 | 982 | | ND | 52.3 | |
| M43-1 | 5/14/2001 | 8.38 | | 0.002 | 221 | | ND | 23100 | 1150 | | ND | 17.3 | |
| M43-1 | 6/18/2002 | | | | | | | | | | ND | | |
| M43-1 | 6/19/2002 | 7.06 | | 0.001 | 227 | | 0.042 | 29100 | 1200 | | | 24 | |
| M43-1 | 5/29/2003 | 7.25 | | <0.001 | 230 | | 0.09 | 24500 | 195 | | < 0.0005 | 29.2 | |
| M43-1 | 5/3/2004 | 8.29 | | 0.003 | 264 | | 0.05 | 23300 | 65 | | < 0.0015 | 17.7 | 7.9 |
| M43-1 | 5/4/2005 | 8 | | 0.002 | 259 | | < 0.001 | 22500 | 523 | | < 0.0015 | 29.3 | < 0.5 |
| M43-1 | 6/2/2006 | 7.03 | | 0.003 | 256 | | < 0.01 | 27400 | 1200 | | < 0.0005 | 25.5 | < 0.5 |
| M43-2 | 7/29/1992 | 8.43 | | ND | 48 | | ND | 4980 | 929 | | | 6.5 | ND |
| M43-2 | 5/1/1993 | | | | | | | | | ND | 0.0054 | | |
| M43-2 | 5/13/1993 | 8.81 | | ND | 37 | | ND | 3900 | | | | 7.22 | 3.1 |
| M43-2 | 7/6/1994 | 8.2 | | ND | 25.1 | | ND | 2150 | 472 | | | 35 | 51.3 |
| M43-2 | 4/20/1995 | 8.14 | | 0.002 | 23 | | ND | 2060 | | | | 3.2 | |
| M43-2 | 4/21/1995 | | | | | | | | | | 0.0013 | | |
| M43-2 | 4/1/1996 | 7.92 | | ND | 22 | | ND | 2080 | 235 | | ND | 3.75 | |
| M43-2 | 4/1/1997 | | | | 90 | | ND | 7980 | | | | | |
| M43-2 | 5/1/1997 | 8.11 | | ND | | | | | 534 | | 0.0012 | 0.3 | 3.2 |
| M43-2 | 5/8/1998 | 7.62 | | ND | 93 | | 0.02 | 7330 | 519 | | ND | 9.59 | ND |
| M43-2 | 5/10/1999 | 7.88 | | 0.001 | 36 | | ND | 3140 | 205 | | ND | 6.3 | 7.5 |
| M43-2 | 5/25/2000 | 6.76 | | 0.005 | | | | | 687 | | ND | 9.76 | |
| M43-2 | 5/14/2001 | 7.17 | | 0.001 | 145 | | ND | 18500 | 740 | | ND | 19.7 | |
| M43-3 | 7/1/1992 | | | | | | | | | ND | ND | | |
| M43-3 | 7/24/1992 | 11.72 | | 0.004 | | | | | 42 | | | 4.14 | ND |
| M43-3 | 8/24/1992 | | | | 42 | | 0.0002 | 2790 | | | | | |
| M43-3 | 5/1/1993 | | | | | | | | | ND | ND | | |
| M43-3 | 5/13/1993 | 11.63 | | ND | 23 | | ND | 1760 | 132 | | | 6.66 | 9.6 |
| M43-3 | 7/1/1994 | | | | | | | | | | 0.00402 | | |
| M43-3 | 7/6/1994 | 10.3 | | 0.0016 | 9.49 | | ND | 820 | 159 | | | 20 | 43.7 |
| M43-3 | 4/20/1995 | 8.36 | | ND | 10 | | ND | 729 | 135 | | | 1.28 | |
| M43-3 | 4/21/1995 | | | | | | | | | | 0.0021 | | |
| M43-3 | 4/1/1996 | 7.87 | | 0.01 | 11 | | ND | 829 | 144 | | 0.0008 | 2.2 | |
| M43-3 | 4/1/1997 | | | | 10 | | ND | 96 | | | | | |
| M43-3 | 5/1/1997 | 9.01 | | ND | | | | | 116 | | ND | 0.36 | 3.5 |
| M43-3 | 5/8/1998 | 3.03 | | ND | 20 | | ND | 1660 | 171 | | ND | 2.96 | ND |
| M43-3 | 5/10/1999 | 8.23 | | 0.001 | 17 | | ND | 1300 | 118 | | ND | 1.72 | ND |
| M43-3 | 5/26/2000 | 7.17 | | 0.002 | 32 | | ND | 2450 | 179 | | ND | 1.48 | |
| M43-3 | 5/14/2001 | 8.04 | | ND | 17 | | ND | 1420 | 108 | | ND | 1.32 | |
| M43-3 | 6/18/2002 | | | | | | | | | | ND | | |
| M43-3 | 6/19/2002 | 8.16 | | 0.002 | 15 | | ND | 1470 | 61 | | | 1.69 | |
| M43-3 | 5/29/2003 | 7.99 | | <0.001 | 14 | | < 0.01 | 1230 | 81 | | < 0.0005 | 1.46 | |
| M43-3 | 5/3/2004 | 7.87 | | <0.001 | 16 | | < 0.01 | 1390 | 73 | | < 0.0015 | 1.46 | 1.1 |
| M43-3 | 5/4/2005 | 8.15 | | <0.001 | 15 | | < 0.001 | 1330 | 57 | | < 0.0015 | 1.39 | < 0.5 |
| M43-3 | 6/2/2006 | 8.2 | | <0.001 | 15 | | < 0.0001 | 1230 | 46 | | < 0.0005 | 1.48 | < 0.5 |
| M43-3 | 4/18/2007 | 8.06 | | <0.001 | 13 | | < 0.001 | 1120 | 40 | | < 0.0005 | 1.35 | 2.3 |
| M45-1 | 4/20/1995 | | | | 20 | | ND | 732 | | | | | |
| M45-1 | 11/2/1995 | 7.94 | | ND | | | | | 365 | | | 1.92 | |
| M45-1 | 11/3/1995 | | ND | | | ND | | | | | ND | | |
| M45-1 | 4/1/1996 | 7.4 | | ND | 67 | | ND | 3670 | 619 | | ND | 5.38 | |
| M45-1 | 5/1/1997 | 6.71 | ND | 0.004 | 195 | ND | ND | 19900 | 930 | ND | 0.0009 | 22.2 | 3 |
| M45-1 | 10/1/1997 | 6.14 | | ND | 266 | | ND | 22200 | 915 | | | 15.5 | 1.4 |
| M45-1 | 5/8/1998 | 6.95 | | ND | 245 | | ND | 19000 | 788 | | 0.0011 | 29 | ND |
| M45-1 | 5/10/1999 | 7.05 | | 0.019 | 209 | | ND | 14500 | 876 | | 0.0027 | 16.1 | 12.6 |
| M45-1 | 12/2/1999 | 7.23 | | 0.001 | 156 | | ND | 11000 | 727 | | ND | 8.96 | |
| M45-1 | 5/26/2000 | 5.95 | | 0.006 | 438 | | ND | 35200 | 873 | | ND | 14.1 | |
| M45-1 | 5/16/2001 | 6.55 | | 0.006 | 401 | | ND | 27300 | 849 | | 0.0026 | 24.2 | |
| M45-1 | 6/18/2002 | 6.71 | | 0.005 | 515 | | 0.083 | 44800 | 709 | | 0.0021 | 26 | |
| M45-1 | 5/28/2003 | 6.43 | | 0.006 | 399 | | 0.03 | 35500 | 157 | | 0.0014 | 30.3 | |
| M45-1 | 5/7/2004 | 5.89 | | 0.005 | 635 | | < 0.001 | 33700 | 688 | | < 0.0015 | 11.7 | 3.9 |
| M45-1 | 5/3/2005 | 6.29 | | 0.005 | 598 | | 0.03 | 36500 | 67 | | 0.0016 | 29.8 | < 0.5 |
| M45-1 | 6/2/2006 | 6.39 | | 0.007 | 493 | | < 0.01 | 36600 | 690 | | < 0.0005 | 30.2 | < 0.5 |
| M45-2 | 11/2/1995 | 7.36 | | ND | | | | | 294 | | | 1.61 | |
| M45-2 | 11/3/1995 | | ND | | | ND | | | | | ND | | |
| M45-2 | 11/20/1995 | | | | 28 | | ND | 764 | | | | | |
| M45-2 | 5/1/1997 | 7.5 | ND | 0.016 | 85 | ND | ND | 6580 | 230 | ND | ND | 2.22 | 10.2 |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M45-2 | 10/1/1997 | 6.88 | | ND | 84 | | ND | 5290 | 262 | | | 2.57 | ND |
| M45-2 | 5/8/1998 | 7.23 | | 0.002 | -5 | | ND | 6300 | 4 | | ND | 8.66 | ND |
| M45-2 | 5/10/1999 | 6.78 | | 0.006 | 210 | | ND | 14000 | 573 | | ND | 17 | 25.5 |
| M45-2 | 5/26/2000 | 6.09 | | 0.008 | 422 | | ND | 35400 | 981 | | ND | 27.3 | |
| M45-2 | 5/16/2001 | 6.8 | | 0.002 | 177 | | ND | 18800 | 702 | | ND | 16.9 | |
| M45-2 | 6/18/2002 | 6.87 | | 0.006 | 431 | | 0.042 | 26300 | 702 | | ND | 24.2 | |
| M45-2 | 5/28/2003 | 6.71 | | 0.007 | 235 | | 0.03 | 27000 | 720 | | < 0.0005 | 26.6 | |
| M45-2 | 4/20/2007 | 6.33 | | 0.006 | 295 | | < 0.01 | 26000 | 583 | | 0.007 | 25.2 | < 5 |
| M45-3 | 11/2/1995 | 7.33 | | ND | | | | | 425 | | | 2.08 | |
| M45-3 | 11/3/1995 | | ND | | 56 | ND | ND | 701 | | | ND | | |
| M45-3 | 4/1/1996 | 8 | | 0.013 | 55 | | ND | 3580 | ND | | 0.389 | 4.23 | |
| M45-3 | 5/1/1997 | 7.24 | | 0.2 | 170 | | | 9910 | | | 0.225 | | |
| M45-3 | 10/1/1997 | 6.94 | | 0.027 | 142 | | ND | 11700 | 122 | | | 12.6 | 54.2 |
| M45-3 | 5/8/1998 | | | | | | | | | | 0.192 | 18.6 | ND |
| M45-3 | 5/26/2000 | 6.36 | | 0.041 | 231 | | ND | 24700 | 675 | | ND | 12.5 | |
| M45-3 | 5/16/2001 | 8.11 | | 0.019 | 214 | | ND | 21700 | 286 | | 0.107 | 17.5 | |
| M45-3 | 6/18/2002 | 7.15 | | 0.024 | 201 | | 0.05 | 25400 | 160 | | ND | 20.6 | |
| M45-3 | 5/28/2003 | 7.24 | | 0.032 | 197 | | 0.04 | 23800 | 233 | | 0.125 | 16.6 | |
| M45-3 | 5/7/2004 | 6.85 | | 0.058 | 273 | | < 0.001 | 24800 | 228 | | 0.123 | 21.1 | 7.9 |
| M45-3 | 5/3/2005 | 6.92 | | 0.035 | 299 | | 0.04 | 22500 | 38 | | 0.128 | 20.5 | < 0.5 |
| M45-3 | 6/2/2006 | 6.93 | | 0.028 | 288 | | < 0.01 | 26500 | 19 | | 0.0679 | 26.5 | < 0.5 |
| M46-1 | 4/20/1995 | | | | 22 | | ND | 456 | | | | | |
| M46-1 | 11/2/1995 | 8.36 | | 0.076 | | | | | 130 | | | 2.31 | |
| M46-1 | 11/3/1995 | | ND | | | ND | | | | | 0.156 | | |
| M46-1 | 4/1/1996 | 8.3 | | 0.055 | 23 | | ND | 552 | 215 | ND | 0.246 | 3.5 | |
| M46-2 | 4/20/1995 | | | | 14 | | ND | 196 | | | | | |
| M46-2 | 11/2/1995 | 7.72 | | ND | | | | | 68 | | | 1.65 | |
| M46-2 | 11/3/1995 | | ND | | | ND | | | | | ND | | |
| M46-2 | 4/1/1996 | 8.08 | | ND | 13 | | ND | 191 | 43 | | ND | 3.7 | |
| M46-2 | 4/1/1997 | | | | 14 | | ND | 174 | | | | | |
| M46-2 | 5/1/1997 | 7.86 | | ND | | | | | 41 | | ND | 1.61 | 8.2 |
| M46-2 | 5/8/1998 | 8.08 | | ND | 11 | | ND | 198 | 39 | | ND | 1.44 | ND |
| M46-2 | 5/12/1999 | 8.27 | | ND | 12 | | ND | 210 | 34 | | ND | 1.16 | 1.4 |
| M46-2 | 5/25/2000 | 7.55 | | ND | 13 | | ND | 185 | 39 | | ND | 5.24 | |
| M46-2 | 5/15/2001 | 8.09 | | ND | 13 | | ND | 208 | 27 | | ND | 1.17 | |
| M46-2 | 6/18/2002 | 8.39 | | ND | 12 | | ND | 216 | 34 | | ND | 1.07 | |
| M46-2 | 5/28/2003 | 8.22 | | 0.002 | 12 | | < 0.01 | 221 | 86 | | < 0.0005 | 1.55 | |
| M46-2 | 5/5/2004 | 8.08 | | <0.001 | 13 | | < 0.0001 | 213 | 36 | | < 0.0015 | 1.32 | < 0.5 |
| M46-2 | 5/4/2005 | 7.96 | | <0.001 | 11 | | < 0.001 | 215 | 34 | | | 1.09 | 0.7 |
| M46-2 | 6/2/2006 | 8.25 | | <0.001 | 14 | | < 0.0001 | 207 | 40 | | < 0.0005 | 1.41 | 1.3 |
| M46-2 | 4/19/2007 | 8.05 | | <0.001 | 11 | | < 0.0001 | 199 | 34 | | < 0.0005 | 1.04 | 1.7 |
| M46-2 | 4/29/2008 | 8.4 | | < 0.004 | 12 | | < 0.0004 | 230 | 30 | | < 0.0002 | 2 | 2.3 |
| M47-1 | 4/20/1995 | | | | 50 | | ND | 2470 | | | | | |
| M47-1 | 11/2/1995 | 7.36 | | 0.031 | | | | | 230 | | | 6.15 | |
| M47-1 | 11/3/1995 | | | | | | | | | | 0.0119 | | |
| M47-1 | 4/1/1996 | 6.92 | | 0.013 | 59 | | ND | 5320 | 501 | | ND | 7.5 | |
| M47-1 | 5/8/1998 | 7.03 | | 0.003 | 68 | | 0.01 | 8610 | 225 | | 0.0104 | 12 | ND |
| M47-1 | 5/12/1999 | 7.54 | | 0.003 | 79 | | ND | 9300 | 136 | | 0.0034 | 11.5 | 13.4 |
| M47-1 | 5/24/2000 | 7.47 | | 0.003 | 91 | | ND | 6690 | 12 | | ND | 7.58 | |
| M47-1 | 5/15/2001 | 7.34 | | 0.001 | 58 | | ND | 4090 | 27 | | ND | 1.88 | |
| M47-1 | 6/17/2002 | 7.76 | | ND | 72 | | 0.0016 | 6370 | 6 | | ND | 5.87 | |
| M47-1 | 5/28/2003 | 7.5 | | <0.001 | 85 | | 0.03 | 5620 | 7 | | < 0.0005 | 8.13 | |
| M47-1 | 5/4/2004 | 6.9 | | <0.001 | 101 | | < 0.01 | 5400 | 17 | | < 0.0015 | 6.49 | 2.3 |
| M47-1 | 5/4/2005 | 7.69 | | <0.001 | 44 | | < 0.001 | 3700 | 8 | | | 5.05 | < 0.5 |
| M47-1 | 5/31/2006 | 7.78 | | <0.001 | 40 | | < 0.001 | 2520 | 27 | | < 0.0005 | 3.12 | < 0.5 |
| M47-1 | 4/19/2007 | 7.73 | | <0.001 | 95 | | < 0.001 | 7720 | 10 | | < 0.0005 | 5.84 | 0.8 |
| M47-1 | 5/1/2008 | 7.8 | | < 0.004 | 38 | | < 0.004 | 2400 | 28 | | 0.0019 | 4.1 | 1.8 |
| M47-2 | 4/20/1995 | | | | 35 | | ND | 980 | | | | | |
| M47-2 | 11/2/1995 | 7.83 | | 0.003 | | | | | 86 | | | 3 | |
| M47-2 | 11/3/1995 | | ND | | | ND | | | | | ND | | |
| M47-2 | 4/1/1996 | 7.49 | | ND | 36 | | ND | 1100 | 41 | | ND | 4.57 | |
| M47-2 | 4/1/1997 | | | | | | ND | 1020 | | | | | |
| M47-2 | 5/1/1997 | 7.38 | | ND | | | | | 12 | | ND | 5.99 | 7.5 |
| M47-2 | 5/8/1998 | 7.6 | | ND | 46 | | ND | 1180 | 23 | | ND | 3.11 | ND |
| M47-2 | 5/12/1999 | 8.21 | | ND | 34 | | ND | 1100 | 40 | | ND | 5.7 | 8.1 |
| M47-2 | 5/24/2000 | 7.48 | | 0.003 | 34 | | ND | 1190 | 41 | | ND | 1.12 | |
| M47-2 | 5/15/2001 | 7.64 | | 0.009 | 29 | | ND | 870 | 26 | | ND | 2.6 | |
| M47-2 | 6/17/2002 | 8.17 | | 0.006 | 31 | | ND | 919 | 19 | | ND | 3.17 | |
| M47-2 | 5/28/2003 | 8.02 | | 0.003 | 32 | | 0.01 | 945 | 35 | | < 0.0005 | 2.99 | |
| M47-2 | 5/4/2004 | 7.63 | | <0.001 | 28 | | < 0.01 | 718 | 26 | | < 0.0015 | 2.57 | 1 |
| M47-2 | 5/4/2005 | 7.83 | | <0.001 | 18 | | < 0.001 | 606 | 38 | | | 2.22 | < 0.5 |
| M47-2 | 5/31/2006 | 8.14 | | <0.001 | 23 | | < 0.0001 | 636 | 40 | | < 0.0005 | 2.11 | < 0.5 |
| M47-2 | 4/19/2007 | 8.31 | | <0.001 | 22 | | < 0.0001 | 660 | 23 | | < 0.0005 | 1.87 | 1.2 |
| M47-2 | 5/1/2008 | 8.1 | | 0.014 | 22 | | < 0.004 | 690 | 35 | | < 0.0002 | < 4 | 2.5 |
| M47-3 | 4/20/1995 | | | | 12 | | ND | 254 | | | | | |
| M47-3 | 11/2/1995 | 9.22 | | ND | | | | | 183 | | | 0.85 | |
| M47-3 | 11/3/1995 | | ND | | | ND | | | | | ND | | |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M47-3 | 4/1/1996 | 8.09 | | ND | 2 | | 3.73 | 208 | 90 | | ND | 0.52 | |
| M47-3 | 4/1/1997 | | | | 2 | | ND | 215 | | | | | |
| M47-3 | 5/1/1997 | 8.56 | | ND | | | | | 78 | | ND | 0.41 | 5.4 |
| M47-3 | 5/8/1998 | 9.15 | | ND | 26 | | ND | 180 | 36 | | ND | 0.5 | 9.4 |
| M47-3 | 5/12/1999 | 8.93 | | ND | 2 | | ND | 183 | 51 | | ND | 0.53 | 7.9 |
| M47-3 | 5/24/2000 | 9.76 | | 0.001 | 28 | | ND | 285 | 121 | | ND | 2.79 | |
| M47-3 | 5/15/2001 | 7.43 | | ND | 1 | | ND | 28 | 46 | | ND | 0.28 | |
| M47-3 | 6/17/2002 | 8.23 | | ND | 1 | | ND | 84 | 50 | | ND | 2.33 | |
| M47-3 | 5/28/2003 | 9.11 | | <0.001 | 4 | | < 0.01 | 212 | 117 | | < 0.0005 | 0.37 | |
| M47-3 | 5/4/2004 | 8.42 | | <0.001 | 2 | | < 0.0001 | 91 | 53 | | < 0.0015 | 0.15 | 2.1 |
| M47-3 | 5/4/2005 | 8.39 | | <0.001 | 1 | | < 0.001 | 140 | 50 | | | 0.42 | 1.7 |
| M47-3 | 5/31/2006 | 9.05 | | <0.001 | 2 | | < 0.0001 | 131 | 65 | | < 0.0005 | 0.2 | 2.8 |
| M47-3 | 4/19/2007 | 9.06 | | <0.001 | 2 | | < 0.0001 | 121 | 60 | | < 0.0005 | 0.14 | 1.7 |
| M47-3 | 5/1/2008 | 8.9 | | < 0.004 | 1.6 | | < 0.0004 | 140 | 50 | | < 0.0002 | < 1 | 4.7 |
| M48-1 | 4/20/1995 | | | | 53 | | ND | 5360 | | | | | |
| M48-1 | 11/2/1995 | 7.63 | | ND | | | | | 1980 | | | 7.69 | |
| M48-1 | 11/3/1995 | | ND | | | ND | | | | | ND | | |
| M48-1 | 4/1/1996 | 7.43 | | ND | 49 | | ND | 7330 | 2280 | | ND | 6.18 | |
| M48-1 | 5/8/1998 | 7.55 | | ND | 45 | | ND | 6770 | 2193 | | ND | 0.44 | ND |
| M48-1 | 5/10/1999 | 7.59 | | 0.003 | 50 | | ND | 6850 | 2150 | | ND | 7.5 | 7.3 |
| M48-1 | 5/26/2000 | | | | 57 | | ND | 2710 | | | | | |
| M48-1 | 5/29/2000 | 6.9 | | ND | | | | | 2040 | | ND | 2.72 | |
| M48-1 | 5/15/2001 | 7.48 | | ND | 41 | | ND | 3230 | 1770 | | ND | 5.21 | |
| M48-1 | 6/19/2002 | 7.64 | | ND | 54 | | 0.023 | 5370 | 2000 | | ND | 6.22 | |
| M48-1 | 5/27/2003 | 7.45 | | <0.001 | 46 | | 0.04 | 4930 | 1870 | | < 0.0005 | 8.03 | |
| M48-1 | 5/7/2004 | 7.32 | | <0.001 | 71 | | < 0.001 | 4860 | 1850 | | < 0.0015 | 1.98 | < 5 |
| M48-1 | 5/4/2005 | 7.58 | | <0.001 | 47 | | < 0.001 | 3520 | 1910 | | < 0.0015 | 4.05 | < 0.5 |
| M48-1 | 6/2/2006 | 7.84 | | 0.001 | 43 | | < 0.001 | 3400 | 1920 | | < 0.0005 | 5.09 | < 0.5 |
| M48-2 | 11/2/1995 | 7.98 | | ND | | | | | 475 | | | 2.77 | |
| M48-2 | 11/3/1995 | | ND | | 22 | ND | 0.01 | 976 | | | ND | | |
| M48-2 | 5/10/1999 | 7.87 | | 0.001 | 14 | | ND | 706 | 149 | | ND | 1.35 | 5.1 |
| M48-2 | 5/26/2000 | | | | 9 | | ND | 452 | | | | | |
| M48-2 | 5/29/2000 | 7.57 | | 0.001 | | | | | 114 | | ND | 2.18 | |
| M48-2 | 5/15/2001 | 7.95 | | ND | 8 | | ND | 385 | 158 | | ND | 0.9 | |
| M48-2 | 6/19/2002 | 8.31 | | ND | 7 | | ND | 360 | 113 | | ND | 0.88 | |
| M48-2 | 5/27/2003 | 8.21 | | <0.001 | 7 | | < 0.01 | 319 | 90 | | < 0.0005 | 1.01 | |
| M48-2 | 10/24/2003 | | | | | | | | | | | | |
| M48-2 | 5/7/2004 | 8.31 | | <0.001 | 5 | | < 0.0001 | 233 | 42 | | < 0.0015 | 0.63 | < 0.5 |
| M48-2 | 5/4/2005 | 8.09 | | <0.001 | 5 | | < 0.001 | 195 | 31 | | < 0.0015 | 0.4 | < 0.5 |
| M48-2 | 4/19/2007 | 8.41 | | <0.001 | 4 | | < 0.0001 | 160 | 33 | | < 0.0005 | 0.68 | 1 |
| M48-3 | 11/2/1995 | 8.97 | | 0.043 | | | | | 117 | | | 1.04 | |
| M48-3 | 11/3/1995 | | ND | | 20 | ND | ND | 865 | | | ND | | |
| M48-3 | 4/1/1996 | 7.42 | | ND | 29 | | ND | 1900 | 460 | | ND | 1.63 | |
| M48-3 | 5/8/1998 | 7.82 | | ND | 27 | | ND | 771 | 183 | | ND | 1.36 | ND |
| M48-3 | 5/10/1999 | 7.88 | | ND | 16 | | ND | 707 | 131 | | ND | 1.66 | 5.9 |
| M48-3 | 5/26/2000 | | | | 10 | | ND | 460 | | | | | |
| M48-3 | 5/29/2000 | 7.36 | | ND | | | | | 129 | | ND | 2.34 | |
| M48-3 | 5/15/2001 | 7.93 | | ND | 9 | | ND | 409 | 185 | | ND | 0.9 | |
| M48-3 | 6/19/2002 | 8.3 | | ND | 8 | | ND | 3810 | 123 | | ND | 0.92 | |
| M48-3 | 5/27/2003 | 8.24 | | <0.001 | 7 | | < 0.01 | 358 | 121 | | < 0.0005 | 0.73 | |
| M48-3 | 10/24/2003 | | | | | | | | | | | | |
| M48-3 | 5/7/2004 | 8.31 | | <0.001 | 5 | | < 0.0001 | 238 | 41 | | < 0.0015 | 0.87 | 1.6 |
| M48-3 | 5/4/2005 | 8.2 | | <0.001 | 5 | | < 0.001 | 188 | 22 | | < 0.0015 | 0.56 | 0.9 |
| M48-3 | 6/2/2006 | 8.39 | | <0.001 | 5 | | < 0.0001 | 167 | 16 | | < 0.0005 | 0.43 | 2 |
| M48-3 | 4/19/2007 | 8.45 | | <0.001 | 5 | | < 0.0001 | 161 | 16 | | < 0.0005 | 0.5 | 2 |
| M49-1 | 5/1/1997 | 7.85 | ND | ND | 6 | ND | ND | 88 | 60 | | ND | 0.52 | 2.8 |
| M49-1 | 5/8/1998 | 8.3 | | ND | 8 | | ND | 242 | 48 | | ND | 1.06 | 3.2 |
| M49-1 | 5/11/1999 | 8.04 | | ND | 8 | | ND | 246 | 49 | | ND | 0.7 | 2.7 |
| M49-1 | 5/24/2000 | 8.17 | | 0.001 | 8 | | ND | 303 | 44 | | ND | 0.76 | |
| M49-1 | 5/14/2001 | 8.14 | | ND | 7 | | ND | 253 | 39 | | ND | 0.9 | |
| M49-1 | 6/19/2002 | 8.34 | | ND | 6 | | ND | 253 | 45 | | ND | 0.81 | |
| M49-1 | 5/29/2003 | 8.22 | | <0.001 | 6 | | < 0.01 | 237 | 26 | | < 0.0005 | 0.8 | |
| M49-1 | 5/3/2004 | 8.05 | | <0.001 | 8 | | < 0.0001 | 311 | 57 | | < 0.0015 | 1.04 | 2.1 |
| M49-1 | 5/5/2005 | 8.12 | | <0.001 | 6 | | < 0.0001 | 256 | 18 | | < 0.0015 | 0.71 | 1.3 |
| M49-1 | 6/2/2006 | 8.21 | | <0.001 | 8 | | < 0.0001 | 308 | 23 | | < 0.0005 | 0.7 | 1.9 |
| M49-1 | 4/18/2007 | 8.27 | | <0.001 | 7 | | < 0.0001 | 297 | 26 | | < 0.0005 | 0.75 | 1.9 |
| M49-1 | 1/5/2008 | 8.4 | | < 0.008 | 5.7 | | < 0.0004 | 310 | 30 | | < 0.0002 | < 4 | 2.3 |
| M49-2 | 5/1/1997 | 8 | ND | ND | 10 | 0.0002 | ND | 269 | 141 | | ND | 1.11 | 4.6 |
| M49-2 | 5/8/1998 | 8.4 | ND | ND | 15 | ND | ND | 87 | 148 | | ND | 1.38 | 5.3 |
| M49-2 | 5/11/1999 | 8.29 | | ND | ND | | ND | 10 | 79 | | ND | 0.72 | 3.7 |
| M49-2 | 5/26/2000 | 8 | ND | 0.004 | 12 | ND | ND | 470 | 120 | | ND | 4.06 | |
| M49-2 | 5/14/2001 | 8.14 | | ND | 9 | | ND | 435 | 115 | ND | ND | 0.94 | |
| M49-2 | 6/19/2002 | 8.36 | | 0.015 | 11 | | ND | 535 | 130 | ND | ND | 1.8 | |
| M49-2 | 5/29/2003 | 8.33 | | 0.004 | 8 | | < 0.01 | 384 | 82 | < 0.0003 | < 0.0005 | 0.97 | |
| M49-2 | 5/3/2004 | 8.4 | < 0.0012 | 0.01 | 10 | < 0.0012 | < 0.0001 | 485 | 83 | < 0.0022 | < 0.0015 | 1.11 | 1.9 |
| M49-2 | 5/5/2005 | 8.18 | < 0.0012 | 0.007 | 9 | < 0.0012 | < 0.0001 | 396 | 65 | < 0.0022 | < 0.0015 | 0.74 | 1.1 |
| M49-2 | 6/2/2006 | 8.19 | < 0.0002 | 0.005 | 9 | < 0.0002 | < 0.0001 | 431 | 52 | < 0.0003 | < 0.0005 | 3.42 | 1.6 |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M49-2 | 4/18/2007 | 8.38 | < 0.0002 | 0.013 | 9 | < 0.0002 | < 0.0001 | 465 | 57 | < 0.003 | < 0.005 | 0.89 | 1.5 |
| M49-2 | 5/1/2008 | 8.4 | < 0.00005 | 0.055 | 8.5 | < 0.00005 | < 0.0004 | 400 | 101 | < 0.0001 | < 0.0002 | < 4 | 3.4 |
| M49-3 | 5/1/1997 | | | | | | ND | | | | ND | | 5.5 |
| M49-3 | 5/8/1998 | 8.06 | | ND | 23 | | 0.02 | 355 | 379 | | ND | 1.97 | 5.2 |
| M49-3 | 6/19/2002 | 8.21 | | ND | 16 | | ND | 464 | 587 | | ND | 1.8 | |
| M49-3 | 5/29/2003 | 8.22 | | <0.001 | 17 | | < 0.01 | 474 | 755 | | < 0.0005 | 0.53 | |
| M49-3 | 5/5/2005 | 8.07 | | <0.001 | 13 | | < 0.0001 | 386 | 556 | | < 0.0015 | 0.06 | 1.6 |
| M50-1 | 5/1/1997 | 7.3 | 0.0002 | 0.041 | 61 | ND | ND | 5470 | 957 | | 0.0845 | 5.94 | 8.9 |
| M50-1 | 5/8/1998 | 7.37 | ND | 0.0004 | 53 | ND | ND | 5430 | 989 | | 0.0026 | 8.23 | ND |
| M50-1 | 5/12/1999 | 7.84 | | 0.023 | 62 | | ND | 6600 | 892 | | 0.006 | 11 | 17 |
| M50-1 | 12/3/1999 | 7.01 | | 0.01 | 123 | | ND | 6960 | 664 | | 0.0072 | 9.07 | |
| M50-1 | 5/26/2000 | 6.8 | ND | 0.005 | 76 | ND | ND | 18200 | 572 | | 0.0026 | 6.8 | |
| M50-1 | 5/15/2001 | 7.26 | | 0.004 | 85 | | ND | 10238 | 84 | ND | 0.0133 | 10.3 | |
| M50-1 | 6/19/2002 | 7.38 | ND | 0.007 | 68 | ND | 0.037 | 8580 | 11 | ND | ND | 12 | |
| M50-1 | 5/28/2003 | 7.24 | | <0.001 | 72 | | 0.03 | 9220 | 21 | < 0.0003 | < 0.0005 | 10.9 | |
| M50-1 | 5/4/2004 | 6.92 | < 0.0012 | 0.001 | 63 | < 0.0012 | 0.04 | 5370 | 7 | < 0.0022 | 0.0029 | 7.14 | 2.3 |
| M50-1 | 5/4/2005 | 7.37 | < 0.0012 | <0.001 | 65 | < 0.0012 | < 0.001 | 5570 | 36 | < 0.0022 | < 0.0015 | 9.23 | < 0.5 |
| M50-1 | 5/31/2006 | 7.64 | < 0.0002 | <0.001 | 53 | < 0.0002 | < 0.001 | 5200 | 13 | < 0.0003 | 0.002 | 7.55 | < 0.5 |
| M50-1 | 4/19/2007 | 7.52 | < 0.0002 | <0.001 | 55 | < 0.0002 | < 0.001 | 5620 | 64 | < 0.0003 | < 0.0005 | 9.49 | < 5 |
| M50-1 | 4/29/2008 | 7.7 | < 0.00005 | < 0.004 | 49 | < 0.00005 | < 0.02 | 5500 | 12 | < 0.005 | < 0.01 | 10 | 2 |
| M50-2 | 5/1/1997 | 7.26 | ND | 0.033 | 34 | ND | ND | 4494 | 260 | | 0.0696 | 10 | 3.6 |
| M50-2 | 5/8/1998 | 7.32 | ND | ND | 60 | ND | ND | 4360 | 736 | | 0.0551 | 7.77 | ND |
| M50-2 | 5/12/1999 | 7.09 | | 0.006 | 33 | | ND | 3700 | 469 | | 0.0379 | 8.76 | 12.3 |
| M50-2 | 12/2/1999 | 7.95 | | 0.04 | 44 | | ND | 3010 | 135 | | 0.0361 | 6.03 | |
| M50-2 | 5/15/2000 | | ND | | | ND | | | | | 0.0248 | | |
| M50-2 | 5/25/2000 | 7.01 | | 0.004 | 48 | | ND | 2420 | 129 | | | 8.14 | |
| M50-2 | 5/15/2001 | 7.25 | | 0.012 | 34 | | ND | 4494 | 65 | ND | ND | 7.69 | |
| M50-2 | 6/19/2002 | 7.37 | ND | 0.015 | 57 | ND | 0.037 | 3380 | 54 | ND | 0.0114 | 10.4 | |
| M50-2 | 5/28/2003 | 7.36 | | 0.005 | 45 | | 0.03 | 3670 | 127 | < 0.002 | < 0.004 | 8.31 | |
| M50-2 | 5/4/2005 | 7.49 | < 0.0012 | 0.015 | 37 | < 0.0012 | < 0.001 | 3890 | 170 | < 0.0022 | 0.0086 | 9.12 | < 0.5 |
| M50-3 | 5/1/1997 | 7.48 | | ND | 10 | | ND | 448 | | | | 11.8 | 0.8 |
| M50-3 | 5/8/1998 | 7.32 | | ND | 105 | | 0.02 | 3230 | 117 | | ND | 10.3 | ND |
| M50-3 | 5/12/1999 | 7.76 | | ND | 80 | | ND | 2800 | 6 | | ND | 11.6 | 8.6 |
| M50-3 | 5/26/2000 | 7.16 | | ND | 76 | | ND | 2210 | 13 | | ND | 7.4 | |
| M50-3 | 5/15/2001 | 7.54 | | 0.007 | 77 | | ND | 3117 | 13 | | ND | 8.94 | |
| M50-3 | 6/17/2002 | 7.81 | | ND | 71 | | ND | 3400 | 9 | | ND | 10.2 | |
| M50-3 | 5/28/2003 | 7.68 | | <0.001 | 77 | | 0.03 | 3480 | 75 | | < 0.0005 | 8.49 | |
| M50-3 | 5/4/2004 | 7.06 | | <0.001 | 97 | | < 0.01 | 3330 | 4 | | < 0.0015 | 11.2 | 2.2 |
| M50-3 | 5/4/2005 | 7.55 | | <0.001 | 85 | | < 0.001 | 3430 | 8 | | | 10.1 | < 0.5 |
| M50-3 | 5/31/2006 | 7.76 | | <0.001 | 77 | | < 0.001 | 3010 | 8 | | < 0.0005 | 7.58 | < 0.5 |
| M50-3 | 4/19/2007 | 7.74 | | <0.001 | 75 | | < 0.001 | 3020 | 24 | | < 0.0005 | 11.1 | < 5 |
| M50-3 | 4/29/2008 | 7.8 | | < 0.004 | 79 | | < 0.004 | 3200 | 3 | | 0.0009 | 11 | 4.6 |
| M5-1 | 6/18/1991 | 7.9 | | ND | 14.7 | | ND | 242 | 93 | | | 1 | 8.1 |
| M5-1 | 7/1/1991 | | | | | | | | | ND | 0.015 | | |
| M5-1 | 7/1/1992 | | | | | | | | | ND | ND | | |
| M5-1 | 7/24/1992 | 7.87 | | ND | | | | | 147 | | | 1.36 | 2.5 |
| M5-1 | 8/24/1992 | | | | 11 | | 0.0001 | 345 | | | | | |
| M5-1 | 5/13/1993 | 7.71 | | ND | | | | | 146 | | | 0.44 | 2.1 |
| M5-1 | 5/17/1993 | | | | 9 | | ND | 288 | | | | | |
| M5-1 | 7/1/1994 | | | | | | | | | | ND | | |
| M5-1 | 7/6/1994 | 7.6 | | ND | 8.3 | | ND | 290 | 120 | | | 3.5 | 9.09 |
| M5-1 | 4/20/1995 | 8.09 | | ND | 11 | | ND | 295 | 60 | | | 0.91 | |
| M5-1 | 4/21/1995 | | | | | | | | | | ND | | |
| M5-1 | 4/1/1996 | 8.38 | | ND | 10 | | ND | 285 | 47 | | ND | 1.09 | |
| M5-1 | 4/1/1997 | | | | 9 | | ND | 293 | | | | | |
| M5-1 | 5/1/1997 | 7.9 | | ND | | | | | 50 | | ND | 1.07 | 0.4 |
| M5-1 | 5/8/1998 | 8.21 | | ND | 9 | | ND | 313 | 37 | | ND | 1.22 | 1.7 |
| M5-1 | 5/12/1999 | 8.23 | | ND | 9 | | ND | 326 | 35 | | ND | 1.12 | 1.2 |
| M5-1 | 5/30/2000 | 7.82 | | 0.001 | 9 | | ND | 275 | 37 | | ND | 1.13 | |
| M5-1 | 5/15/2001 | 7.91 | | 0.016 | 9 | | ND | 268 | 32 | | ND | 1.5 | |
| M5-1 | 6/18/2002 | 8.1 | | 0.013 | 9 | | ND | 292 | 62 | | ND | 1.24 | |
| M5-1 | 5/27/2003 | 8.1 | | 0.01 | 9 | | < 0.0001 | 286 | 42 | | < 0.0005 | 1.31 | |
| M5-1 | 5/5/2004 | 8.1 | | 0.019 | 9 | | < 0.0001 | 261 | 53 | | < 0.0015 | 1.1 | 1.2 |
| M5-1 | 5/3/2005 | 8.12 | | 0.008 | 9 | | < 0.0001 | 268 | 46 | | < 0.0015 | 1.62 | < 0.5 |
| M5-1 | 6/2/2006 | 8.32 | | 0.004 | 9 | | < 0.0001 | 261 | 38 | | < 0.0005 | 0.94 | 1.1 |
| M5-1 | 4/19/2007 | 8.06 | | 0.002 | 9 | | < 0.0001 | 263 | 73 | | < 0.0005 | 0.92 | 1.4 |
| M5-1 | 4/29/2008 | 8.3 | | < 0.008 | 9.3 | | < 0.0004 | 290 | 52 | | < 0.0002 | < 4 | 3.2 |
| M51-1 | 5/31/2006 | 6.95 | | 0.001 | 164 | | < 0.01 | 23300 | 151 | | < 0.0005 | 27.4 | < 0.5 |
| M51-2 | 5/1/1997 | 8.04 | ND | ND | 10 | ND | ND | 368 | 85 | | ND | 1.47 | 10.7 |
| M51-2 | 5/8/1998 | 8.42 | ND | ND | 12 | ND | ND | 405 | 93 | | ND | 2 | 4.4 |
| M51-2 | 5/12/1999 | 8.21 | | ND | 11 | | ND | 414 | 58 | | ND | 3.6 | 3.7 |
| M51-2 | 12/3/1999 | | | | | | | | | | ND | | |
| M51-2 | 5/24/2000 | | | | 10 | | ND | 308 | | | | | |
| M51-2 | 5/25/2000 | 7.76 | ND | 0.003 | | ND | | | 31 | | ND | 0.86 | |
| M51-2 | 5/16/2001 | 7.95 | ND | ND | 10 | ND | ND | 281 | 17 | ND | ND | 1.36 | |
| M51-2 | 6/17/2002 | 8.38 | ND | ND | 10 | ND | ND | 290 | 18 | ND | ND | 1.41 | |
| M51-2 | 5/28/2003 | 8.27 | < 0.0001 | <0.001 | 11 | < 0.0002 | < 0.01 | 297 | 19 | < 0.0003 | < 0.0005 | 1.09 | |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M51-2 | 5/4/2004 | 8.19 | < 0.0012 | <0.001 | 10 | < 0.0012 | < 0.0001 | 296 | 12 | < 0.0022 | < 0.0015 | 1.19 | 1.3 |
| M51-2 | 5/3/2005 | 8.37 | < 0.0012 | <0.001 | 10 | < 0.0012 | < 0.0001 | 273 | 11 | < 0.0022 | < 0.0015 | 1 | < 0.5 |
| M51-2 | 5/31/2006 | 8.35 | < 0.0002 | <0.001 | 10 | < 0.0002 | < 0.0001 | 258 | 15 | < 0.0003 | < 0.0005 | 1.08 | 0.8 |
| M51-2 | 4/19/2007 | 8.55 | < 0.0002 | <0.001 | 9 | < 0.0002 | < 0.0001 | 256 | 14 | < 0.0003 | < 0.0005 | 1.09 | 3.7 |
| M51-2 | 4/29/2008 | 8.3 | < 0.00005 | < 0.004 | 10 | < 0.00005 | < 0.0004 | 280 | 9 | < 0.0001 | < 0.0002 | 1.6 | 1.4 |
| M51-3 | 5/1/1997 | 8.65 | | ND | | | ND | | 420 | | ND | 1.28 | 6.8 |
| M51-3 | 5/8/1998 | 8.21 | | ND | 8 | | 0.01 | 19 | 25 | | ND | 2.06 | 7.3 |
| M51-3 | 5/12/1999 | 8.31 | | ND | 12 | | ND | 345 | 138 | | ND | 1.14 | 3.1 |
| M51-3 | 5/26/2000 | 8 | | 0.002 | 13 | | ND | 356 | 124 | | ND | 2.19 | |
| M51-3 | 5/16/2001 | 7.9 | | ND | 12 | | ND | 210 | 13 | | ND | 1 | |
| M51-3 | 6/17/2002 | 8.33 | | ND | | | | | 213 | | ND | 0.89 | |
| M51-3 | 5/28/2003 | 8.37 | | <0.001 | 14 | | < 0.01 | 243 | 72 | | < 0.0005 | 1.29 | |
| M51-3 | 5/4/2004 | 7.77 | | <0.001 | 13 | | < 0.0001 | 362 | 136 | | < 0.0015 | 1.34 | 0.6 |
| M51-3 | 5/3/2005 | 8.15 | | <0.001 | 12 | | < 0.0001 | 234 | 57 | | < 0.0015 | 0.86 | 0.9 |
| M51-3 | 5/31/2006 | 8.33 | | <0.001 | 11 | | < 0.0001 | 312 | 84 | | < 0.0005 | 9.57 | 4.1 |
| M51-3 | 4/19/2007 | 8.28 | | <0.001 | 12 | | < 0.0001 | 258 | 103 | | < 0.0005 | 0.86 | 1.8 |
| M51-3 | 4/29/2008 | 8.3 | | < 0.004 | 12 | | < 0.0004 | 180 | 63 | | < 0.0002 | < 7 | 8.8 |
| M5-2 | 6/18/1991 | 7.6 | | ND | 15.2 | | ND | 195 | 87 | | | 0.8 | 3.6 |
| M5-2 | 7/1/1991 | | | | | | | | | ND | 0.01 | | |
| M5-2 | 7/24/1992 | 7.23 | | 0.003 | | | | | 114 | | | 1.22 | 3.4 |
| M5-2 | 8/24/1992 | | | | 10 | | ND | 259 | | | | | |
| M5-2 | 5/1/1993 | | | | | | | | | ND | ND | | |
| M5-2 | 5/13/1993 | 8.85 | | | | | | | 221 | | | 1.3 | 1.2 |
| M5-2 | 5/17/1993 | | | | 8 | | ND | 301 | | | | | |
| M5-2 | 7/1/1994 | | | | | | | | | | ND | | |
| M5-2 | 7/6/1994 | 7.8 | | ND | 6.06 | | ND | 290 | | | | 3.2 | 24.7 |
| M5-2 | 4/20/1995 | 8.06 | | 0.004 | 9 | | ND | 300 | 83 | | | 1.13 | |
| M5-2 | 4/21/1995 | | | | | | | | | | 0.0011 | | |
| M5-2 | 4/1/1996 | 8.24 | | 0.015 | 9 | | ND | 315 | 118 | | ND | 1.09 | |
| M5-2 | 4/1/1997 | | | | | | ND | 15 | | | | | |
| M5-2 | 5/1/1997 | 8.79 | | 0.05 | | | | | 95 | | 0.0007 | 1.79 | 1.6 |
| M5-2 | 5/8/1998 | 7.81 | | 0.002 | 8 | | ND | 308 | 194 | | ND | 1.22 | 2.5 |
| M5-2 | 5/12/1999 | 7.79 | | 0.001 | 10 | | ND | 368 | 215 | | ND | 1.41 | 1.1 |
| M5-2 | 5/30/2000 | 7.68 | | 0.015 | 9 | | ND | 316 | 126 | | ND | 1.33 | |
| M5-2 | 5/15/2001 | 7.97 | | 0.063 | 11 | | ND | 335 | 229 | | ND | 1.27 | |
| M5-2 | 6/18/2002 | 7.89 | | 0.048 | 10 | | ND | 276 | 286 | | ND | 1.35 | |
| M5-2 | 5/27/2003 | 7.82 | | 0.034 | 11 | | < 0.0001 | 334 | 193 | | 0.0007 | 1.31 | |
| M5-2 | 5/5/2004 | 7.89 | | 0.06 | 11 | | < 0.0001 | 346 | 228 | | < 0.0015 | 1.41 | 1 |
| M5-2 | 5/3/2005 | 7.99 | | <0.001 | 10 | | < 0.0001 | 342 | 298 | | < 0.0015 | 1.1 | 0.8 |
| M5-2 | 6/6/2006 | 9.11 | | 0.011 | 13 | | < 0.0001 | 334 | 201 | | < 0.0005 | 1.17 | < 0.5 |
| M5-2 | 4/19/2007 | 8.69 | | <0.001 | 9 | | < 0.0001 | 315 | 52 | | 0.0011 | 1.02 | 1.5 |
| M5-2 | 4/29/2008 | 8.7 | | 0.103 | 11 | | < 0.0004 | 370 | 231 | | 0.0002 | < 7 | 1 |
| M52-1 | 5/1/1997 | 7.94 | ND | ND | 10 | ND | ND | 148 | 43 | | 0.0013 | 1.29 | 0.9 |
| M52-1 | 5/8/1998 | 8.15 | ND | ND | | ND | | | 52 | | ND | 1.15 | 2.9 |
| M52-1 | 5/12/1999 | 8.08 | | 0.006 | 10 | | ND | 248 | 13 | | ND | 1.9 | 2.6 |
| M52-1 | 12/20/1999 | 8.12 | | 0.004 | 9 | | ND | 272 | 31 | | ND | 1.14 | |
| M52-1 | 5/26/2000 | 7.7 | ND | 0.005 | 12 | ND | ND | 296 | 6 | | ND | 1.41 | |
| M52-1 | 5/16/2001 | 7.75 | ND | ND | 12 | ND | ND | 249 | 3 | ND | ND | 1.47 | |
| M52-1 | 6/17/2002 | 8.19 | ND | ND | | ND | | | 4 | ND | ND | 1.49 | |
| M52-1 | 5/28/2003 | 8.08 | < 0.0001 | 0.001 | 12 | < 0.0002 | < 0.01 | 270 | 24 | < 0.0003 | < 0.0005 | 1.4 | |
| M52-1 | 5/5/2004 | 7.93 | < 0.0012 | <0.001 | 11 | < 0.0012 | < 0.0001 | 272 | 5 | < 0.0022 | < 0.0015 | 1.34 | 1.6 |
| M52-1 | 5/3/2005 | 7.97 | < 0.0012 | <0.001 | 11 | < 0.0012 | < 0.0001 | 261 | 5 | < 0.0022 | < 0.0015 | 1.3 | 1.1 |
| M52-1 | 5/31/2006 | 8.22 | < 0.0002 | <0.001 | 10 | < 0.0002 | < 0.0001 | 252 | 8 | < 0.0003 | < 0.0005 | 1.57 | 2.4 |
| M52-1 | 4/19/2007 | 8.23 | < 0.0002 | <0.001 | 12 | < 0.0002 | < 0.0001 | 248 | 17 | < 0.0003 | < 0.0005 | 1.26 | 1.9 |
| M52-1 | 4/29/2008 | 8.3 | < 0.00005 | < 0.004 | 12 | < 0.00005 | < 0.0004 | 270 | 5 | < 0.0002 | 0.0006 | 2 | 1.5 |
| M52-2 | 5/1/1997 | 8.02 | ND | ND | 10 | ND | ND | 318 | 77 | | ND | 1.65 | 3.4 |
| M52-2 | 5/8/1998 | 8.2 | ND | ND | | ND | | | 54 | | ND | 1.59 | 2.7 |
| M52-2 | 5/12/1999 | 8.24 | | ND | 11 | | ND | 304 | 27 | | ND | 2.57 | 1.2 |
| M52-2 | 12/2/1999 | 8.2 | | ND | 12 | | ND | 290 | 31 | | ND | 1.57 | |
| M52-2 | 5/24/2000 | | | | 12 | | ND | 296 | | | | | |
| M52-2 | 5/25/2000 | 7.58 | ND | 0.003 | | ND | | | 28 | | ND | 1.49 | |
| M52-2 | 5/16/2001 | 7.82 | ND | 0.004 | 11 | ND | ND | 271 | 31 | ND | ND | 1.74 | |
| M52-2 | 6/17/2002 | 8.31 | ND | 0.004 | | ND | | | 33 | ND | ND | 1.49 | |
| M52-2 | 5/28/2003 | 8.29 | < 0.0001 | <0.001 | 13 | < 0.0002 | < 0.01 | 281 | 44 | < 0.0003 | < 0.0005 | 2.29 | |
| M52-2 | 5/5/2004 | 8.07 | < 0.0012 | <0.001 | 11 | < 0.0012 | < 0.0001 | 269 | 20 | < 0.0022 | < 0.0015 | 1.63 | 2.2 |
| M52-2 | 5/3/2005 | 7.96 | < 0.0012 | 0.001 | 11 | < 0.0012 | < 0.0001 | 273 | 25 | < 0.0022 | < 0.0015 | 1.21 | 0.7 |
| M52-2 | 5/31/2006 | 8.27 | < 0.0002 | <0.001 | 10 | < 0.0002 | < 0.0001 | 257 | 25 | < 0.0003 | < 0.0005 | 1.46 | < 0.5 |
| M52-2 | 4/19/2007 | 8.37 | < 0.0002 | <0.001 | 9 | < 0.0002 | < 0.0001 | 263 | 52 | < 0.0003 | < 0.0005 | 1.32 | 1.2 |
| M52-2 | 4/29/2008 | 8.3 | < 0.00005 | 0.019 | 11 | < 0.00005 | < 0.0004 | 270 | 23 | < 0.0001 | < 0.0002 | 2 | 0.8 |
| M52-3 | 5/1/1997 | 7.9 | | ND | 15 | | ND | 691 | 307 | | ND | | 10.6 |
| M52-3 | 5/8/1998 | 8.06 | | ND | | | | | 292 | | ND | 2.97 | 6.6 |
| M52-3 | 5/12/1999 | 8.18 | | 0.002 | 15 | | ND | 620 | 102 | | ND | 1.5 | 3.3 |
| M52-3 | 5/24/2000 | | | | 15 | | ND | 586 | | | | | |
| M52-3 | 5/25/2000 | 7.54 | | 0.005 | | | | | 104 | | ND | 4.84 | |
| M52-3 | 5/16/2001 | 7.85 | | ND | 22 | | ND | 850 | 191 | | ND | 0.4 | |
| M52-3 | 6/17/2002 | 8.16 | | ND | | | | | 240 | ND | ND | 2.33 | |
| M52-3 | 5/28/2003 | 8.02 | | <0.001 | 17 | | < 0.01 | 654 | 207 | | < 0.0005 | 1.88 | |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M52-3 | 5/5/2004 | 7.85 | | <0.001 | 18 | | < 0.01 | 703 | 28 | | < 0.0015 | 1.7 | 2.6 |
| M52-3 | 5/3/2005 | 7.72 | | 0.004 | 16 | | < 0.0001 | 639 | 10 | | < 0.0015 | 1.42 | 6.7 |
| M52-3 | 5/31/2006 | | | 0.001 | 17 | | < 0.0001 | 866 | 38 | | < 0.0005 | 2.1 | 2.3 |
| M52-3 | 4/19/2007 | 8.17 | | <0.001 | 14 | | < 0.0001 | 602 | 23 | | < 0.0005 | 1.45 | 2.8 |
| M52-3 | 4/29/2008 | 8.2 | | < 0.004 | 14 | | < 0.0004 | 470 | 72 | | < 0.0002 | 2.5 | 5.5 |
| M5-3 | 6/18/1991 | 7.5 | | ND | 14.7 | | ND | 186 | 89 | | | 0.7 | 1.8 |
| M5-3 | 7/1/1991 | | | | | | | | | ND | 0.004 | | |
| M5-3 | 7/24/1992 | 7.51 | | ND | | | | | 58 | | | 1.41 | 1 |
| M5-3 | 8/24/1992 | | | | 12 | | ND | 164 | | | | | |
| M5-3 | 5/13/1993 | 7.85 | | ND | 9 | | ND | 142 | 38 | | | 1.41 | 3 |
| M5-3 | 7/6/1994 | 7.2 | | | 9.41 | | ND | 120 | | | | 4.2 | 7.17 |
| M5-3 | 4/20/1995 | 7.87 | | ND | 12 | | ND | 146 | 28 | | | 1.47 | |
| M5-3 | 4/21/1995 | | | | | | | | | | ND | | |
| M5-3 | 4/1/1996 | 8.09 | | ND | 12 | | ND | 148 | 23 | | ND | 1.54 | 1.03 |
| M5-3 | 4/1/1997 | | | | | | ND | 35 | | | | | |
| M5-3 | 5/1/1997 | 7.81 | | ND | | | | | 25 | | ND | 1.8 | 1 |
| M5-3 | 5/8/1998 | 8.06 | | ND | 11 | | ND | 186 | 50 | | ND | 1.59 | 2.1 |
| M5-3 | 5/12/1999 | 7.96 | | ND | 12 | | ND | 152 | 35 | | ND | 1.71 | 0.6 |
| M5-3 | 5/30/2000 | 7.64 | | ND | 11 | | ND | 139 | 32 | | ND | 1.77 | |
| M5-3 | 5/15/2001 | 7.68 | | 0.021 | 12 | | ND | 140 | 30 | | ND | 1.54 | |
| M5-3 | 6/18/2002 | 8.02 | | 0.012 | 12 | | 0.006 | 143 | 31 | | ND | 1.56 | |
| M5-3 | 5/27/2003 | 7.9 | | 0.015 | 12 | | < 0.0001 | 142 | 28 | | < 0.0005 | 1.7 | |
| M5-3 | 5/5/2004 | 8.09 | | 0.006 | 12 | | < 0.0001 | 146 | 10 | | < 0.0015 | 1.56 | 1 |
| M5-3 | 5/3/2005 | 8.28 | | <0.001 | 12 | | < 0.0001 | 147 | 22 | | < 0.0015 | 1.25 | 0.6 |
| M5-3 | 6/6/2006 | 7.74 | | <0.001 | 14 | | < 0.0001 | 146 | 37 | | < 0.0005 | 1.13 | < 0.5 |
| M5-3 | 4/19/2007 | 7.95 | | 0.01 | 12 | | < 0.0001 | 132 | 23 | | < 0.0005 | 1.23 | 1.2 |
| M5-3 | 4/29/2008 | 8.2 | | 0.019 | 13 | | < 0.0004 | 150 | 21 | | < 0.0002 | 2 | 0.8 |
| M53-1 | 6/22/1998 | 7.49 | | ND | 11 | | ND | 784 | 262 | | ND | 0.97 | ND |
| M53-1 | 5/29/2000 | 7.33 | | 0.001 | 14 | | ND | 797 | 398 | | ND | 1.13 | |
| M53-1 | 6/19/2002 | 7.63 | | ND | 46 | | 0.029 | 6190 | 1600 | | ND | 4.34 | |
| M53-1 | 5/29/2003 | 7.33 | | <0.001 | 61 | | 0.09 | 6810 | 1800 | | < 0.0005 | 6.61 | |
| M53-1 | 5/5/2004 | 7.49 | | <0.001 | 18 | | < 0.01 | 841 | 160 | | < 0.0015 | 1.1 | 2.1 |
| M53-1 | 5/5/2005 | 7.26 | | <0.001 | 28 | | < 0.0001 | 2490 | 511 | | < 0.0015 | 3.07 | < 0.5 |
| M53-1 | 6/2/2006 | 7.68 | | <0.001 | 17 | | < 0.0001 | 668 | 127 | | < 0.0005 | 1.76 | 6 |
| M53-2 | 6/22/1998 | 7.71 | | ND | 4 | | ND | 23 | 37 | | ND | 0.3 | 2.9 |
| M53-2 | 11/30/1999 | 7.74 | | ND | 5 | | ND | 42 | 63 | | ND | 0.46 | |
| M53-2 | 5/29/2000 | 7.37 | | 0.002 | 6 | | ND | 40 | 24 | | ND | 0.75 | |
| M53-2 | 6/19/2002 | 7.85 | | ND | 4 | | ND | 56 | 56 | | ND | 4.34 | |
| M53-2 | 5/29/2003 | 7.42 | | <0.001 | 4 | | < 0.01 | 66 | 45 | | < 0.0005 | 0.74 | |
| M53-2 | 5/5/2004 | 7.26 | | <0.001 | 4 | | < 0.0001 | 62 | 41 | | < 0.0015 | 0.63 | 7.2 |
| M53-2 | 5/5/2005 | 7.06 | | <0.001 | 3 | | < 0.0001 | 62 | 32 | | < 0.0015 | 0.57 | 7.6 |
| M53-2 | 6/2/2006 | 7.49 | | <0.001 | 4 | | < 0.0001 | 60 | 38 | | < 0.0005 | 0.67 | 7.4 |
| M53-2 | 4/18/2007 | 7.35 | | <0.001 | 4 | | < 0.0001 | 69 | 34 | | < 0.0005 | 2.77 | 9 |
| M53-2 | 4/28/2008 | 7.7 | | < 0.004 | 3.6 | | < 0.0004 | 55 | 32 | | < 0.0002 | 0.9 | 6.8 |
| M53-3 | 6/22/1998 | 7.81 | | ND | 12 | | ND | 212 | 74 | | ND | 0.6 | 2.9 |
| M53-3 | 11/30/1999 | 8.03 | | ND | 12 | | ND | 226 | 151 | | ND | 1.32 | |
| M53-3 | 5/29/2000 | 7.58 | | 0.001 | 10 | | 0.01 | 181 | 270 | | ND | 1.42 | |
| M53-3 | 11/22/2000 | 7.69 | ND | ND | 12 | ND | ND | 205 | 199 | ND | ND | 1.19 | |
| M53-3 | 6/19/2002 | 8.24 | | ND | 11 | | ND | 360 | 605 | | ND | 0.69 | |
| M53-3 | 5/29/2003 | 7.97 | | <0.001 | 13 | | < 0.01 | 344 | 725 | | < 0.0005 | 0.97 | |
| M53-3 | 5/5/2004 | 7.84 | | <0.001 | 13 | | < 0.0001 | 362 | 522 | | < 0.0015 | 0.89 | 1.6 |
| M53-3 | 5/5/2005 | 7.97 | | <0.001 | 12 | | < 0.0001 | 250 | 297 | | < 0.0015 | 1.2 | 1.4 |
| M53-3 | 6/2/2006 | 8.11 | | <0.001 | 12 | | < 0.0001 | 266 | 321 | | < 0.0005 | 1.21 | 1.8 |
| M53-3 | 4/18/2007 | 8.04 | | <0.001 | 12 | | < 0.0001 | 155 | 168 | | < 0.0005 | 0.72 | 1.6 |
| M53-3 | 4/28/2008 | 8.2 | | < 0.004 | 12 | | < 0.0004 | 160 | 191 | | < 0.0002 | 1.3 | 1.3 |
| M53-4 | 6/22/1998 | 7.75 | | ND | 3 | | ND | 65 | 153 | | ND | 0.27 | 3.6 |
| M53-4 | 11/30/1999 | 8.09 | | ND | 1 | | ND | 82 | 246 | | ND | 0.23 | |
| M53-4 | 5/29/2000 | 7.27 | | ND | 1 | | ND | 62 | 355 | | ND | 0.52 | |
| M53-4 | 6/19/2002 | 7.88 | | ND | ND | | ND | 34 | 180 | | ND | 0.23 | |
| M53-4 | 5/29/2003 | 7.83 | | <0.001 | < 1 | | < 0.01 | 23 | 201 | | < 0.0005 | 0.21 | |
| M53-4 | 10/24/2003 | | | | | | | | | | | | |
| M53-4 | 5/5/2004 | 7.57 | | <0.001 | < 1 | | < 0.0001 | 17 | 166 | | < 0.0015 | 0.17 | 1.7 |
| M53-4 | 5/5/2005 | 7.54 | | <0.001 | < 1 | | < 0.0001 | 17 | 154 | | < 0.0015 | 0.07 | 2.4 |
| M53-4 | 6/2/2006 | 7.91 | | <0.001 | < 1 | | < 0.0001 | 21 | 182 | | < 0.0005 | 0.26 | 3 |
| M53-4 | 4/18/2007 | 7.72 | | <0.001 | < 1 | | < 0.0001 | 17 | 104 | | < 0.0005 | 0.47 | 2.6 |
| M53-4 | 4/28/2008 | 8.1 | | < 0.004 | 0.7 | | < 0.0004 | 26 | 150 | | < 0.0002 | 0.8 | 4.8 |
| M58-1 | 6/24/1998 | 7.45 | | ND | 30 | | ND | 1520 | 181 | | 0.0012 | 2.4 | 0.6 |
| M58-1 | 5/26/2000 | | | | 45 | | ND | 2040 | | | | | |
| M58-1 | 5/29/2000 | 7.22 | | ND | | | | | 11380 | | | 4.1 | |
| M58-1 | 5/30/2000 | | | | | | | | | | ND | | |
| M58-1 | 6/18/2002 | 7.78 | | ND | 42 | | 0.013 | 3490 | 2170 | | ND | 3.8 | |
| M58-1 | 5/27/2003 | 7.59 | | <0.001 | 30 | | 0.02 | 2960 | 2300 | | < 0.0005 | 2.22 | |
| M58-1 | 5/5/2004 | 7.37 | | <0.001 | 37 | | < 0.01 | 2540 | 2050 | | < 0.0015 | 1.9 | 1.8 |
| M58-1 | 5/3/2005 | 7.57 | | <0.001 | 26 | | < 0.01 | 1990 | 1800 | | < 0.0015 | 1.14 | < 0.5 |
| M58-1 | 6/2/2006 | 7.81 | | <0.001 | 30 | | < 0.001 | 2310 | 1640 | | < 0.0005 | 2.51 | < 0.5 |
| M58-2 | 6/24/1998 | 7.81 | | ND | 3 | | ND | 30 | 86 | | ND | 0.27 | 0.4 |
| M58-2 | 12/2/1999 | 8.1 | | ND | 10 | | ND | 326 | 603 | | ND | 1.06 | |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M58-2 | 5/29/2000 | 7.44 | | ND | 9 | | ND | 265 | 639 | | ND | 1.34 | |
| M58-2 | 11/22/2000 | 7.62 | ND | ND | 13 | ND | ND | 350 | 990 | ND | ND | 0.8 | |
| M58-2 | 6/18/2002 | 7.88 | | ND | 10 | | 0.009 | 369 | 729 | | ND | 0.96 | |
| M58-2 | 5/27/2003 | 7.91 | | <0.001 | 11 | | 0.02 | 437 | 855 | | < 0.0005 | 1.16 | |
| M58-2 | 5/5/2004 | 7.89 | | <0.001 | 11 | | < 0.01 | 389 | 718 | | < 0.0015 | 1 | 1.4 |
| M58-2 | 5/3/2005 | 7.67 | | <0.001 | 13 | | < 0.0001 | 389 | 744 | | < 0.0015 | 1.03 | 1.6 |
| M58-2 | 6/2/2006 | 7.93 | | <0.001 | 11 | | < 0.0001 | 356 | 675 | | < 0.0005 | 0.59 | 3 |
| M58-2 | 4/19/2007 | 8.13 | | <0.001 | 9 | | < 0.0001 | 312 | 481 | | < 0.0005 | 1.23 | 2 |
| M58-2 | 4/29/2008 | 8.1 | | < 0.004 | 8.6 | | < 0.0004 | 290 | 353 | | < 0.0002 | < 0.7 | 1.2 |
| M58-3 | 6/24/1998 | 7.81 | | ND | 3 | | ND | 6 | 49 | | ND | 0.07 | 0.08 |
| M58-3 | 12/3/1999 | 8.22 | | ND | 2 | | ND | 16 | 49 | | ND | 0.17 | |
| M58-3 | 5/29/2000 | 7.39 | | ND | 1 | | ND | 5 | 37 | | ND | 0.5 | |
| M58-3 | 5/16/2001 | 7.65 | | ND | 1 | | ND | 9 | 34 | | ND | 0.1 | |
| M58-3 | 6/18/2002 | 8.01 | | ND | 1 | | ND | ND | 35 | | ND | 0.13 | |
| M58-3 | 5/27/2003 | 7.94 | | <0.001 | 1 | | < 0.01 | 3 | 42 | | < 0.0005 | 0.09 | |
| M58-3 | 5/5/2004 | 7.75 | | <0.001 | 2 | | < 0.0001 | 10 | 58 | | < 0.0015 | 0.19 | < 0.5 |
| M58-3 | 5/3/2005 | 7.64 | | <0.001 | 2 | | < 0.0001 | 8 | 45 | | < 0.0015 | 0.26 | 0.8 |
| M58-3 | 6/2/2006 | 7.96 | | <0.001 | 2 | | < 0.0001 | 11 | 52 | | < 0.0005 | 0.16 | 1.8 |
| M58-3 | 4/19/2007 | 8.08 | | <0.001 | 2 | | < 0.0001 | 10 | 50 | | < 0.0005 | 0.24 | 1.1 |
| M58-3 | 4/29/2008 | 8.1 | | < 0.004 | 1.6 | | < 0.0004 | 5.8 | 42 | | < 0.0002 | < 0.7 | 0.6 |
| M58-4 | 6/24/1998 | 7.74 | | ND | | | | | 24 | | ND | 1.17 | 1.5 |
| M58-4 | 7/1/1998 | | | | 1 | | ND | 27 | | | | | |
| M58-4 | 12/3/1999 | 8.47 | | ND | 1 | | ND | 16 | 30 | | ND | 0.12 | |
| M58-4 | 5/29/2000 | 7.29 | | ND | ND | | ND | 5 | 18 | | ND | 0.4 | |
| M58-4 | 6/18/2002 | 7.86 | | ND | ND | | ND | ND | 13 | | ND | 0.17 | |
| M58-4 | 5/27/2003 | 7.83 | | <0.001 | < 1 | | < 0.01 | 3 | 14 | | < 0.0005 | 0.12 | |
| M58-4 | 10/24/2003 | | | | | | | | | | | | |
| M58-4 | 5/5/2004 | 7.79 | | <0.001 | < 1 | | < 0.0001 | 5 | 14 | | < 0.0015 | < 0.05 | < 0.5 |
| M58-4 | 5/3/2005 | 7.58 | | <0.001 | < 1 | | < 0.0001 | 7 | 35 | | < 0.0015 | < 0.05 | 0.8 |
| M6-1 | 6/25/1991 | 12.6 | | 0.0109 | | | | | 670 | | | 3.3 | 8 |
| M6-1 | 7/1/1991 | | | | | | | | | ND | 0.025 | | |
| M6-1 | 10/25/1991 | | | | 1060 | | ND | 755 | | | | | |
| M6-1 | 7/24/1992 | | | | | | | | | | | 11.68 | 14 |
| M6-1 | 7/29/1992 | 12.11 | | | 343 | | | 1000 | 141 | | | 10.29 | 19 |
| M6-1 | 5/1/1993 | | | | | | | | | ND | 0.022 | | |
| M6-1 | 5/17/1993 | 12.11 | | | 281 | | ND | 1090 | 131 | | | | 18 |
| M6-1 | 4/20/1995 | 9.73 | | 0.102 | 216 | | ND | 4240 | 360 | | | 11.5 | |
| M6-1 | 4/21/1995 | | | | | | | | | | 0.0043 | | |
| M6-1 | 4/1/1996 | 8.8 | | 0.017 | 199 | | ND | 5210 | 524 | | 0.006 | 11.1 | |
| M6-1 | 4/1/1997 | | | | 196 | | ND | 6050 | | | | | |
| M6-1 | 5/1/1997 | 7.88 | | 0.03 | | | | | 810 | | ND | 10.7 | 12.7 |
| M6-1 | 5/8/1998 | 7.67 | | 0.023 | 189 | | ND | 6360 | 750 | | ND | 8.52 | 4.4 |
| M6-1 | 5/12/1999 | 7.5 | | 0.003 | 150 | | ND | 8000 | 1230 | | ND | 15.5 | 38.4 |
| M6-1 | 5/30/2000 | 6.87 | | 0.001 | 137 | | ND | 3210 | 640 | | ND | 16.5 | |
| M6-1 | 6/18/2002 | 7.74 | | ND | 135 | | 0.044 | 9300 | 507 | | ND | 11.4 | |
| M6-1 | 5/28/2003 | 7.43 | | 0.002 | 136 | | 0.04 | 10200 | 527 | | < 0.0005 | 13.6 | |
| M6-1 | 5/6/2004 | 7.14 | | 0.004 | 189 | | < 0.001 | 10100 | 581 | | < 0.0015 | 7.34 | < 12.5 |
| M6-1 | 5/4/2005 | 7.56 | | <0.001 | 150 | | < 0.001 | 10200 | 486 | | < 0.0015 | 13.4 | < 0.5 |
| M6-1 | 6/2/2006 | 7.62 | | <0.001 | 135 | | < 0.001 | 10300 | 405 | | < 0.0005 | 16.8 | < 0.5 |
| M6-1 | 4/20/2007 | 7.34 | | <0.001 | 115 | | < 0.01 | 9500 | 341 | | < 0.0005 | 14.2 | < 5 |
| M6-1 | 5/1/2008 | 7.5 | | < 0.004 | 130 | | < 0.02 | 11000 | 274 | | < 0.001 | 16 | 4.3 |
| M6-2 | 6/25/1991 | 12.5 | | 0.0172 | | | | | 268 | | | 3.4 | 7.1 |
| M6-2 | 7/1/1991 | | | | | | | | | ND | 0.11 | | |
| M6-2 | 10/25/1991 | | | | 935 | | ND | 635 | | | | | |
| M6-2 | 7/24/1992 | 11.93 | | 0.03 | | | | | 69 | | | 13.44 | 20 |
| M6-2 | 5/17/1993 | | | | | | | | | | | | 34 |
| M6-2 | 7/1/1994 | | | | | | | | | ND | 0.082 | | |
| M6-2 | 7/6/1994 | 12 | | 0.0088 | 380 | | ND | 2140 | 253 | | | 18 | 46 |
| M6-2 | 4/20/1995 | 12.34 | | 0.073 | 288 | | ND | 3860 | 256 | | | 20.5 | |
| M6-2 | 4/21/1995 | | | | | | | | | ND | 0.0763 | | |
| M6-2 | 4/1/1996 | 11.3 | | 0.04 | 249 | | | 6530 | 343 | ND | 0.25 | 17.7 | |
| M6-2 | 4/1/1997 | | | | 364 | | ND | 4050 | | | | | |
| M6-2 | 5/1/1997 | 13.61 | | 0.01 | | | | | 141 | ND | 0.103 | 12.9 | 9.5 |
| M6-2 | 5/8/1998 | 12.6 | | 0.005 | 443 | | 0.03 | 2730 | 78 | ND | 0.12 | 12.9 | ND |
| M6-2 | 5/12/1999 | 12.97 | | 0.008 | 330 | | ND | 3000 | 172 | ND | 0.05 | 2.43 | 22.8 |
| M6-2 | 5/30/2000 | 9.04 | | 0.012 | 196 | | ND | 3180 | 403 | | 0.149 | 14.5 | |
| M6-2 | 6/18/2002 | 9.14 | | 0.008 | 199 | | 0.031 | 6200 | 165 | ND | 0.146 | 17.6 | |
| M6-2 | 5/28/2003 | 9.54 | | 0.008 | 255 | | 0.04 | 4640 | 84 | < 0.0003 | 0.0893 | 18.5 | |
| M6-2 | 5/6/2004 | 8.9 | | 0.009 | 227 | | < 0.001 | 7110 | 73 | < 0.0022 | 0.0637 | 8.42 | 10.9 |
| M6-2 | 5/4/2005 | 9 | | 0.008 | 291 | | < 0.001 | 6890 | 43 | < 0.0022 | 0.036 | 16.4 | < 0.5 |
| M6-2 | 6/6/2006 | 8.7 | | 0.004 | 220 | | < 0.001 | 9620 | 11 | < 0.0003 | 0.043 | 23 | < 0.5 |
| M6-2 | 4/20/2007 | 8.49 | | 0.011 | 171 | | < 0.01 | 8590 | 49 | < 0.0003 | 0.146 | 15.5 | < 5 |
| M6-2 | 5/1/2008 | 8.8 | | 0.014 | 370 | | < 0.02 | 7300 | 16 | < 0.005 | 0.12 | 19 | 5.5 |
| M6-3 | 6/25/1991 | 13.1 | | 0.0081 | | | | | 509 | | | 3.7 | 12.4 |
| M6-3 | 7/1/1991 | | | | | | | | | ND | 0.015 | | |
| M6-3 | 10/25/1991 | | | | 4890 | | ND | 785 | | | | | |
| M6-3 | 7/1/1992 | | | | | | | | | ND | 0.013 | | |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M6-3 | 7/24/1992 | 12.38 | | 0.005 | | | | | 6 | | | 21.03 | 11 |
| M6-3 | 8/24/1992 | | | | 1750 | | 0.0002 | 1110 | | | | | |
| M6-3 | 5/13/1993 | 12.99 | | 0.004 | 720 | | ND | 1100 | 7 | | | 27.8 | 13 |
| M6-3 | 7/1/1994 | | | | | | | | | ND | 0.00418 | | |
| M6-3 | 7/6/1994 | | | | | | | | | | | | |
| M6-3 | 4/20/1995 | 12.96 | | 0.013 | 529 | | ND | 770 | ND | | | 21.4 | |
| M6-3 | 4/21/1995 | | | | | | | | | | 0.0053 | | |
| M6-3 | 4/1/1996 | 12.76 | | 0.006 | 285 | | ND | 808 | ND | | 0.0142 | 19.8 | |
| M6-3 | 4/1/1997 | | | | 259 | | ND | 713 | | | | | |
| M6-3 | 5/1/1997 | 13.81 | | 0.004 | | | | | 5 | | 0.0112 | 13 | 8.8 |
| M6-3 | 5/8/1998 | 12.73 | | 0.003 | 176 | | ND | 782 | ND | | 0.0109 | 14.2 | 8.1 |
| M6-3 | 5/12/1999 | 13.23 | | 0.003 | 152 | | ND | 734 | 3 | | 0.0081 | 9.73 | 13.7 |
| M6-3 | 12/2/1999 | 12.54 | | 0.005 | 133 | | ND | 644 | 5 | | 0.0084 | 6.89 | |
| M6-3 | 5/30/2000 | 12.27 | | 0.005 | 132 | | ND | 594 | 5 | | ND | 6 | |
| M6-3 | 5/15/2001 | 12.4 | | 0.005 | 115 | | ND | 506 | 20 | | 0.0056 | 7.1 | |
| M6-3 | 6/18/2002 | 12.3 | | 0.006 | 187 | | 0.009 | 569 | 15 | | 0.0084 | 8.82 | |
| M6-3 | 5/28/2003 | 12.4 | | 0.006 | 106 | | 0.01 | 605 | 22 | | 0.0069 | 8.79 | |
| M6-3 | 5/6/2004 | 12.2 | | 0.005 | 134 | | < 0.001 | 618 | 26 | | 0.0078 | 9.9 | 29.9 |
| M6-3 | 5/4/2005 | 12.1 | | 0.005 | 105 | | < 0.001 | 602 | 30 | | 0.0063 | 9.07 | 28.8 |
| M6-3 | 6/6/2006 | 12.7 | | 0.004 | 124 | | < 0.001 | 612 | 4 | | 0.0059 | 12.2 | 24.8 |
| M6-3 | 4/20/2007 | 12.5 | | 0.005 | 91 | | < 0.001 | 551 | 7 | | 0.0077 | < 10 | 24.7 |
| M6-3 | 1/5/2008 | 12 | | 0.006 | 93 | | < 0.0004 | 530 | 30 | | 0.004 | 10 | 31.1 |
| M9-1 | 6/24/1991 | 7.7 | | ND | 39 | | ND | 363 | 93 | | | 1.1 | 4.2 |
| M9-1 | 7/1/1991 | | | | | | | | | ND | ND | | |
| M9-1 | 7/1/1992 | | | | | | | | | ND | 0.0047 | | |
| M9-1 | 7/27/1992 | 11.74 | | 0.005 | 681 | | 0.0003 | 672 | 63 | | | 2.66 | 5.7 |
| M9-1 | 5/1/1993 | | | | | | | | | ND | 0.031 | | |
| M9-1 | 5/13/1993 | 12.17 | | 0.017 | | | | | 71 | | | 5.01 | 8.6 |
| M9-1 | 5/17/1993 | | | | 820 | | ND | 1220 | | | | | |
| M9-1 | 7/1/1994 | | | | | | | | | ND | 0.00616 | | |
| M9-1 | 7/6/1994 | 9.9 | | | | | ND | 2290 | 91.4 | | | | |
| M9-1 | 4/1/1997 | | | | 6 | | | 10 | | | | | |
| M9-1 | 5/8/1998 | 7.41 | | 0.038 | 1260 | | ND | 1990 | 224 | | 0.0185 | 19.6 | ND |
| M9-1 | 2/12/1999 | | | | | | | | | | | | |
| M9-1 | 5/11/1999 | 7.07 | | 0.056 | ND | | ND | 1240 | 243 | ND | 0.0093 | 27.9 | 39.1 |
| M9-2 | 6/17/1991 | 7.6 | | ND | 9.9 | | ND | 222 | 45 | | | 0.6 | 2.4 |
| M9-2 | 7/1/1991 | | | | | | | | | ND | ND | | |
| M9-2 | 7/27/1992 | 7.35 | | ND | 5 | | ND | 53 | 43 | | | 0.41 | 2 |
| M9-2 | 5/13/1993 | 7.57 | | ND | | | | | 31 | | | 0.18 | 1.6 |
| M9-2 | 5/17/1993 | | | | 3 | | ND | 23 | | | | | |
| M9-2 | 7/1/1994 | | | | | | | | | | ND | | |
| M9-2 | 7/6/1994 | 7 | | | 6.15 | | ND | 15 | 32.7 | | | | |
| M9-2 | 4/20/1995 | 7.85 | | ND | 4 | | ND | 17 | 39 | | | 0.31 | |
| M9-2 | 4/21/1995 | | | | | | | | | | ND | | |
| M9-2 | 4/1/1996 | 7.72 | | ND | 3 | | ND | 9 | 39 | | ND | 0.4 | |
| M9-2 | 4/1/1997 | | | | 8 | | ND | 22 | | | | | |
| M9-2 | 5/1/1997 | 7.34 | | ND | | | | | 42 | | ND | 0.73 | 4.1 |
| M9-2 | 5/8/1998 | 7.86 | | ND | 4 | | ND | 28 | 36 | | ND | | 4 |
| M9-2 | 5/11/1999 | 7.68 | | 0.053 | 16 | | ND | 130 | ND | | ND | 7.78 | 51.9 |
| M9-2 | 5/25/2000 | 7.45 | | 0.001 | | | | | 33 | | ND | 2.65 | |
| M9-2 | 5/26/2000 | | | | 10 | | ND | 60 | | | | | |
| M9-2 | 5/14/2001 | 7.79 | | 0.004 | 12 | | ND | 62 | 29 | | ND | 0.94 | |
| M9-2 | 6/18/2002 | 8.15 | | 0.007 | 12 | | ND | 60 | 32 | | ND | 1.32 | |
| M9-2 | 5/29/2003 | 8.03 | | 0.007 | 14 | | < 0.01 | 52 | 32 | | < 0.0005 | 1.52 | |
| M9-2 | 5/4/2004 | 7.95 | | 0.006 | 13 | | < 0.01 | 55 | 15 | | < 0.0015 | 1.19 | 0.8 |
| M9-2 | 5/5/2005 | 7.96 | | <0.001 | 14 | | < 0.0001 | 63 | 19 | | < 0.0015 | 0.68 | 1.3 |
| M9-2 | 5/31/2006 | 8.03 | | <0.001 | 12 | | < 0.0001 | 57 | 27 | | < 0.0005 | 1.11 | 0.6 |
| M9-2 | 4/20/2007 | 8.44 | | <0.001 | 14 | | < 0.0001 | 79 | 40 | | < 0.0005 | 1.85 | 3.7 |
| M9-2 | 4/29/2008 | 8.3 | | 0.005 | 14 | | < 0.0004 | 80 | 42 | | < 0.0002 | < 4 | 2.1 |
| M9-3 | 6/17/1991 | 9.1 | | ND | 37 | | ND | 91 | 178 | | | 0.8 | 3.1 |
| M9-3 | 7/1/1991 | | | | | | | | | ND | ND | | |
| M9-3 | 7/27/1992 | 7.91 | | ND | 29 | | ND | 188 | 63 | | | 1.26 | 1.9 |
| M9-3 | 5/13/1993 | 8.08 | | ND | | | | | 59 | | | 0.93 | 1 |
| M9-3 | 5/17/1993 | | | | 10 | | ND | 68 | | | | | |
| M9-3 | 7/6/1994 | 7.9 | | ND | 4.76 | | ND | 40.4 | 104 | | | | |
| M9-3 | 4/20/1995 | 8.41 | | ND | 15 | | ND | 72 | 40 | | | 1.1 | |
| M9-3 | 4/21/1995 | | | | | | | | | | ND | | |
| M9-3 | 4/1/1996 | 8.44 | | 0.009 | 16 | | ND | 65 | 40 | | ND | 1.15 | |
| M9-3 | 4/1/1997 | | | | 13 | | ND | 63 | | | | | |
| M9-3 | 5/1/1997 | 7.9 | | ND | | | | | 45 | | ND | 1.21 | 1.1 |
| M9-3 | 5/8/1998 | 8.08 | | ND | 15 | | 0.03 | 56 | 45 | | ND | 1.3 | 1 |
| M9-3 | 2/12/1999 | 8.13 | | ND | 12 | | ND | 53 | 46 | ND | ND | 1.39 | 0.7 |
| M9-3 | 5/11/1999 | 7.97 | | 0.006 | 15 | | ND | 60 | 41 | | ND | 2 | 5.7 |
| M9-3 | 5/26/2000 | 7.47 | | ND | 12 | | ND | 52 | 32 | | ND | 9.1 | |
| M9-3 | 5/14/2001 | 7.43 | ND | ND | 13 | ND | ND | 64 | 43 | | ND | 3.34 | |
| M9-3 | 6/18/2002 | | | | 9 | | ND | 77 | | | ND | | |
| M9-3 | 5/29/2003 | 7.39 | | <0.001 | 10 | | < 0.01 | 80 | 32 | | < 0.0005 | 2.92 | |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M9-3 | 5/4/2004 | 7.13 | | <0.001 | 12 | | < 0.01 | 95 | 43 | | < 0.0015 | 3.08 | 9.6 |
| M9-3 | 5/5/2005 | 7.17 | | <0.001 | 9 | | < 0.0001 | 100 | 32 | | < 0.0015 | 2.11 | 8.8 |
| M9-3 | 5/31/2006 | 7.57 | | <0.001 | 7 | | < 0.0001 | 104 | 31 | | < 0.0005 | 1.97 | 12.9 |
| M9-3 | 4/20/2007 | 7.85 | | <0.001 | 7 | | < 0.0001 | 91 | 32 | | < 0.0005 | 1.76 | 11.3 |
| M9-3 | 4/29/2008 | 7.8 | | < 0.004 | 6.6 | | 0.0006 | 97 | 32 | | < 0.0002 | 2.1 | 11.3 |
| M9R-1 | 12/20/1999 | 7.71 | | 0.004 | 77 | | ND | 6280 | 101 | | ND | 12.5 | |
| M9R-1 | 5/25/2000 | 6.72 | | 0.008 | | | | | 216 | | ND | 6.2 | |
| M9R-1 | 5/26/2000 | | | | 97 | | ND | 8600 | | | | | |
| M9R-1 | 5/14/2001 | 6.9 | | 0.002 | 49 | | ND | 11543 | 348 | ND | ND | 10 | |
| M9R-1 | 6/19/2002 | 7.04 | | 0.002 | 52 | | 0.047 | 11100 | 216 | ND | ND | 10.1 | |
| M9R-1 | 5/29/2003 | 7.04 | | <0.001 | 49 | | 0.04 | 9860 | 180 | < 0.003 | < 0.005 | 13 | |
| M9R-1 | 5/4/2004 | 6.61 | | 0.002 | 81 | | 0.04 | 9770 | 332 | < 0.0022 | < 0.0015 | 8.14 | 5.8 |
| M9R-1 | 5/3/2005 | 7.09 | | <0.001 | 62 | | 0.04 | 8100 | 352 | < 0.0022 | < 0.0015 | 11.9 | < 0.5 |
| M9R-1 | 6/2/2006 | 7.31 | | 0.002 | 59 | | < 0.001 | 8750 | 650 | < 0.0003 | < 0.0005 | 14.4 | < 0.5 |
| M9R-1 | 4/20/2007 | 7.25 | | <0.001 | 66 | | < 0.01 | 8260 | 871 | < 0.0003 | 0.0006 | 14.5 | < 5 |
| M9R-1 | 4/29/2008 | 7.3 | | < 0.004 | 82 | | < 0.04 | 11000 | 769 | < 0.003 | < 0.005 | 19 | 3.6 |
| OW1 | 7/6/1994 | 7 | | 0.0028 | 10.6 | | ND | 118 | 27.3 | | | 8.5 | 13.8 |
| OW1 | 11/25/1994 | 7.4 | | ND | 10.4 | | ND | 170 | 56.4 | | 0.0064 | 1.4 | 2.33 |
| OW1 | 4/20/1995 | 7.84 | | 0.013 | 12 | | ND | 139 | 56 | | | 1.68 | |
| OW1 | 4/21/1995 | | | | | | | | | | 0.0032 | | |
| OW1 | 11/2/1995 | 7.51 | | 0.015 | | | | | 41 | | | 10.6 | |
| OW1 | 11/3/1995 | | | | 12 | | ND | 115 | | | ND | | |
| OW1 | 4/1/1996 | 7.63 | | ND | 13 | | ND | 140 | 29 | | ND | 3 | |
| OW1 | 11/1/1996 | 7.52 | | 0.022 | 13 | | ND | 133 | 39 | | ND | 1.79 | 0.2 |
| OW1 | 5/1/1997 | 7.78 | | ND | 12 | | ND | 131 | 61 | | ND | 1.49 | 0.4 |
| OW1 | 11/1/1997 | | | | | | | | | | 0.0006 | | |
| OW1 | 5/8/1998 | 8.1 | | 0.001 | 13 | | 3.9 | 137 | 41 | | ND | 2.48 | 2.9 |
| OW1 | 11/18/1998 | 8.04 | | ND | 14 | | ND | 144 | 39 | | 0.0041 | 2.82 | 2.2 |
| OW1 | 5/10/1999 | 8.17 | | 0.001 | 12 | | ND | 165 | 57 | | ND | 1.87 | 1.5 |
| OW1 | 11/18/1999 | | | | | | | | | | 0.0041 | | |
| OW1 | 12/2/1999 | 8.12 | | ND | 13 | | ND | 149 | 55 | | ND | 1.84 | |
| OW1 | 5/25/2000 | 7.49 | | 0.002 | | | | | 75 | | ND | 1.42 | |
| OW1 | 5/26/2000 | | | | 12 | | ND | 139 | | | | | |
| OW1 | 11/21/2000 | 7.71 | | ND | 13 | | ND | 135 | 49 | | ND | 2.11 | |
| OW1 | 5/15/2001 | 7.7 | | 0.023 | 14 | | ND | 139 | 73 | | ND | 1.72 | |
| OW1 | 12/1/2001 | 7.72 | | 0.003 | 13 | | ND | 130 | 49 | | ND | 3.19 | |
| OW1 | 5/29/2002 | 8.02 | | ND | 13 | | ND | 128 | 44 | | ND | 1.63 | |
| OW1 | 11/21/2002 | 8.05 | | ND | 14 | | ND | 162 | 55 | | ND | 8.21 | |
| OW1 | 5/27/2003 | 7.74 | | <0.001 | 14 | | 0.02 | 139 | 57 | | < 0.0005 | 10.9 | |
| OW1 | 10/23/2003 | 7.75 | | <0.001 | 18 | | 0.02 | 146 | 55 | | < 0.0015 | 7.39 | 6.5 |
| OW1 | 5/5/2004 | 7.72 | | 0.004 | 12 | | < 0.0001 | 127 | 42 | | < 0.0015 | 2.56 | 2.1 |
| OW1 | 11/11/2004 | 7.57 | | <0.001 | 16 | | < 0.0001 | 135 | 47 | | < 0.0015 | 13.9 | 4.9 |
| OW1 | 5/3/2005 | 8.08 | | 0.01 | 13 | | < 0.0001 | 129 | 41 | | < 0.0015 | 1.95 | < 0.5 |
| OW1 | 11/1/2005 | 7.75 | | 0.017 | 14 | | < 0.0001 | 145 | 46 | | < 0.0015 | 2.21 | 1.3 |
| OW1 | 5/31/2006 | 8.02 | | 0.006 | 12 | | < 0.0001 | 128 | 50 | | < 0.0005 | 1.78 | 1.2 |
| OW1 | 11/16/2006 | 7.25 | | 0.01 | 14 | | < 0.0001 | 145 | 54 | | < 0.0005 | 3.42 | 1.6 |
| OW1 | 4/20/2007 | 8.41 | | 0.002 | 12 | | < 0.0001 | 134 | 30 | | < 0.0005 | 2.62 | 1.9 |
| OW1 | 10/17/2007 | 7.88 | | 0.018 | 13 | | < 0.0001 | 135 | 44 | | 0.0007 | 1.78 | 2 |
| OW1 | 4/30/2008 | 8.3 | | 0.031 | 13 | | < 0.004 | 140 | 39 | | < 0.0002 | 2.3 | 3.2 |
| OW1 | 11/18/2008 | 8.3 | | < 0.004 | 13 | | < 0.0004 | 130 | 73 | | < 0.0002 | 5 | 4.3 |
| OW4 | 7/1/1994 | | | | | | | | | | ND | | |
| OW4 | 7/6/1994 | 6.9 | | 0.0044 | 21.9 | | ND | 270 | 11.5 | | | 5.4 | 22 |
| OW4 | 11/25/1994 | 6.7 | | 0.013 | 14.4 | | ND | 250 | ND | | ND | 3.7 | 34.2 |
| OW4 | 4/20/1995 | 6.74 | | 0.005 | 12 | | ND | 175 | 8 | | | 3.8 | |
| OW4 | 4/21/1995 | | | | | | | | | | ND | | |
| OW4 | 11/2/1995 | 7.11 | | ND | | | | | ND | | | 5.77 | |
| OW4 | 11/3/1995 | | | | 19 | | ND | 225 | | | ND | | |
| OW4 | 4/1/1996 | 7.27 | | ND | 17 | | ND | 306 | ND | | ND | 4.29 | |
| OW4 | 11/1/1996 | 6.89 | | 0.002 | 13 | | ND | 224 | 10 | | ND | 4.39 | 44.2 |
| OW4 | 5/1/1997 | 7.01 | | ND | 14 | | ND | 231 | 15 | | ND | 6.67 | 39.3 |
| OW4 | 11/1/1997 | | | | | | | | | | ND | | |
| OW4 | 5/8/1998 | 7.58 | | ND | 11 | | ND | 255 | 16 | | ND | 3 | ND |
| OW4 | 11/18/1998 | 7.29 | | ND | 17 | | ND | 289 | 8 | | ND | 4.14 | 36 |
| OW4 | 5/10/1999 | 7.14 | | 0.004 | 16 | | ND | 406 | 3 | | ND | 5.01 | 49.3 |
| OW4 | 12/2/1999 | 7.97 | | 0.001 | 16 | | ND | 419 | 14 | | ND | 6.2 | |
| OW4 | 5/26/2000 | 7.12 | | 0.004 | 16 | | ND | 364 | 3 | | ND | 1.42 | |
| OW4 | 11/21/2000 | 6.94 | | ND | 14 | | ND | 377 | 2 | | ND | 5.12 | |
| OW4 | 5/15/2001 | 7.43 | | ND | 15 | | ND | 367 | 2 | | ND | 4.69 | |
| OW4 | 12/1/2001 | 7.06 | | ND | 15 | | ND | 451 | 9 | | ND | 5.14 | |
| OW4 | 5/29/2002 | 7.19 | | ND | 13 | | ND | 489 | 4 | | ND | 6.51 | |
| OW4 | 11/21/2002 | | | | 14 | | ND | 470 | | | ND | | |
| OW4 | 11/22/2002 | 7.36 | | ND | | | | | 9 | | | 7.76 | |
| OW4 | 5/27/2003 | 7.36 | | <0.001 | 15 | | 0.01 | 526 | 7 | | < 0.0005 | 6.76 | |
| OW4 | 10/23/2003 | 7.75 | | <0.001 | 23 | | 0.01 | 473 | 14 | | < 0.0015 | 5.46 | 46.9 |
| OW4 | 5/5/2004 | 7.07 | | <0.001 | 16 | | < 0.01 | 467 | 10 | | < 0.0015 | 6.09 | 77.9 |
| OW4 | 11/11/2004 | 7.28 | | <0.001 | 13 | | < 0.0001 | 415 | 14 | | < 0.0015 | 4.2 | 48.3 |
| OW4 | 5/3/2005 | 7.38 | | <0.001 | 12 | | < 0.0001 | 358 | 13 | | < 0.0015 | 3.48 | 39 |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OW4 | 11/1/2005 | 7.29 | | <0.001 | 15 | | < 0.0001 | 430 | 13 | | < 0.0015 | 4.3 | 51.3 |
| OW4 | 5/31/2006 | 7.23 | | <0.001 | 13 | | < 0.0001 | 456 | 10 | | < 0.0005 | 4.82 | 50.9 |
| OW4 | 11/16/2006 | 7.35 | | <0.001 | 13 | | < 0.0001 | 430 | 11 | | < 0.0005 | 2.31 | 39.7 |
| OW4 | 4/19/2007 | 7.38 | | <0.001 | 12 | | < 0.0001 | 434 | 12 | | < 0.0005 | 1.59 | 43.5 |
| OW4 | 10/17/2007 | 7.31 | | <0.001 | 12 | | < 0.0001 | 366 | 15 | | 0.0005 | 4.07 | 40.8 |
| OW4 | 4/30/2008 | 7.8 | | < 0.004 | 13 | | < 0.002 | 490 | 6 | | 0.011 | 5 | 45.4 |
| OW4 | 11/18/2008 | 8 | | < 0.004 | 12 | | < 0.0004 | 400 | 4 | | 0.012 | 4.6 | 43.1 |
| OW54-d | 7/1/1994 | | | | | | | | | ND | ND | | |
| OW54-d | 7/6/1994 | 7.4 | | | 5.7 | | ND | 94.5 | 116 | | | 4.5 | 7.03 |
| OW54-d | 11/25/1994 | 7.5 | | ND | 5.11 | | ND | 30.4 | 60.5 | ND | ND | 1.3 | 2.9 |
| OW54-d | 4/20/1995 | 7.91 | | ND | 10 | | ND | 66 | 45 | | | 0.62 | |
| OW54-d | 4/21/1995 | | | | | | | | | | ND | | |
| OW54-d | 11/2/1995 | 7.86 | | ND | | | | | 35 | | | 1.23 | |
| OW54-d | 11/3/1995 | | ND | | 11 | ND | ND | 60 | | | ND | | |
| OW54-d | 4/1/1996 | 7.99 | ND | ND | 9 | ND | ND | 81 | 41 | | ND | 1.2 | |
| OW54-d | 11/1/1996 | 7.49 | | ND | 8 | | ND | 52 | 48 | ND | ND | 1.09 | 1.2 |
| OW54-d | 5/1/1997 | 7.62 | ND | ND | 9 | ND | ND | 59 | 36 | | ND | 1.11 | |
| OW54-d | 10/1/1997 | 7.89 | ND | ND | 11 | ND | ND | 89 | 40 | | ND | 1.11 | 0.09 |
| OW54-d | 5/8/1998 | 8.51 | | 0.001 | 9 | | 0.01 | 113 | 34 | | ND | 1.19 | 1.3 |
| OW54-d | 6/25/1998 | | ND | | | ND | | | | ND | ND | | |
| OW54-d | 11/18/1998 | 8.03 | ND | ND | 11 | ND | ND | 87 | 33 | | ND | 1.42 | 0.9 |
| OW54-d | 2/10/1999 | 8.24 | | 0.005 | 12 | | ND | 71 | 47 | ND | ND | 1.31 | 4.8 |
| OW54-d | 5/10/1999 | 8.17 | ND | 0.002 | 11 | ND | ND | 72 | 32 | ND | ND | 1.5 | 1.7 |
| OW54-d | 11/18/1999 | 8.03 | ND | ND | 11 | ND | ND | 87 | 33 | | ND | 1.42 | 0.9 |
| OW54-d | 12/2/1999 | | | | 13 | | ND | 114 | | | | | |
| OW54-d | 12/3/1999 | 7.88 | ND | 0.004 | | ND | | | 5 | | ND | 2.01 | |
| OW54-d | 5/15/2000 | | ND | | | ND | | | | | ND | | |
| OW54-d | 5/25/2000 | 7.53 | | 0.001 | 11 | | ND | 72 | 39 | | | 1.24 | |
| OW54-d | 11/22/2000 | 7.63 | ND | ND | 13 | ND | ND | 109 | 10 | ND | ND | 2.79 | |
| OW54-d | 5/14/2001 | 7.94 | ND | ND | 12 | ND | ND | 84 | 35 | ND | ND | 1.18 | |
| OW54-d | 12/1/2001 | 7.97 | | ND | 12 | | ND | 65 | 30 | ND | ND | 0.89 | |
| OW54-d | 5/29/2002 | 8.1 | ND | ND | | ND | ND | | 35 | ND | ND | 1.36 | |
| OW54-d | 11/21/2002 | 7.83 | ND | ND | 12 | ND | ND | 68 | 26 | ND | ND | 1.4 | |
| OW54-d | 5/29/2003 | 8.16 | < 0.0001 | <0.001 | 13 | < 0.0002 | < 0.01 | 64 | 33 | < 0.0003 | < 0.0005 | 1.19 | |
| OW54-d | 10/23/2003 | 8.01 | < 0.0012 | <0.001 | 14 | < 0.0012 | 0.01 | 63 | 27 | < 0.0022 | < 0.0015 | 1.45 | 1.5 |
| OW54-d | 5/4/2004 | 7.96 | < 0.0012 | <0.001 | 12 | < 0.0012 | < 0.01 | 77 | 27 | < 0.0022 | < 0.0015 | 1.56 | < 0.5 |
| OW54-d | 11/11/2004 | 7.74 | < 0.0012 | <0.001 | 12 | < 0.0012 | < 0.0001 | 75 | 35 | < 0.0022 | < 0.0015 | 1.13 | 0.6 |
| OW54-d | 5/5/2005 | 7.96 | < 0.0012 | <0.001 | 12 | < 0.0012 | < 0.0001 | 72 | 32 | < 0.0022 | < 0.0015 | 1.13 | 0.5 |
| OW54-d | 11/2/2005 | 7.97 | <0.0002 | 0.001 | 11 | <0.0002 | <0.0001 | 69 | 23 | <0.0022 | <0.0015 | 1.23 | <0.5 |
| OW54-d | 11/24/2005 | 7.72 | | <0.001 | 12 | | < 0.0001 | 83 | 24 | < 0.0003 | < 0.0005 | 1.47 | 0.8 |
| OW54-d | 5/30/2006 | 8.1 | < 0.0002 | <0.001 | 12 | < 0.0002 | < 0.0001 | 80 | 40 | < 0.0003 | < 0.0005 | 2.07 | 16.9 |
| OW54-d | 11/16/2006 | 7.79 | <0.0002 | 0.001 | 13 | <0.0002 | <0.0001 | 127 | 21 | <0.0003 | <0.0005 | 1.32 | 1.2 |
| OW54-d | 4/20/2007 | 8.04 | < 0.0002 | <0.001 | 12 | < 0.0002 | < 0.0001 | 100 | 23 | < 0.0003 | < 0.0005 | 2.03 | 6.4 |
| OW54-d | 10/17/2007 | 7.94 | < 0.0002 | <0.001 | 11 | < 0.0002 | < 0.0001 | 58 | 20 | < 0.0003 | < 0.0005 | 1.14 | 1.5 |
| OW54-d | 4/30/2008 | 8.2 | < 0.00005 | < 0.004 | 13 | < 0.00005 | < 0.0004 | 85 | 41 | < 0.0001 | < 0.0002 | 1.5 | 0.8 |
| OW54-d | 11/19/2008 | 8.1 | < 0.00005 | < 0.004 | 12 | < 0.00005 | < 0.0004 | 73 | 19 | < 0.0001 | < 0.0002 | 1.2 | 1.2 |
| OW54-i | 7/1/1994 | | | | | | | | | | ND | | |
| OW54-i | 7/6/1994 | | | ND | | | | | | | | 4.6 | 7.2 |
| OW54-i | 11/25/1994 | 7.5 | | 0.003 | 9.14 | | ND | 270 | 235 | ND | ND | 2 | 19.4 |
| OW54-i | 4/20/1995 | 7.94 | | ND | 11 | | ND | 65 | 52 | | | 1.36 | |
| OW54-i | 4/21/1995 | | | | | | | | | | ND | | |
| OW54-i | 11/2/1995 | 7.89 | | ND | | | | | 77 | | | 1.43 | |
| OW54-i | 11/3/1995 | | ND | | 12 | ND | ND | 81 | | | ND | | |
| OW54-i | 4/1/1996 | 8.15 | ND | ND | 11 | ND | ND | 100 | 107 | | ND | 1.2 | |
| OW54-i | 11/1/1996 | 7.86 | | 0.004 | 11 | | ND | 85 | 66 | ND | ND | 1.18 | 0.9 |
| OW54-i | 5/1/1997 | 7.74 | ND | ND | 11 | ND | ND | 86 | 69 | | ND | 1.07 | 1.6 |
| OW54-i | 10/1/1997 | 7.98 | ND | ND | 11 | ND | | 71 | 40 | | ND | 1.1 | 0.9 |
| OW54-i | 5/8/1998 | 8.39 | ND | ND | 10 | ND | ND | 64 | 33 | | ND | 0.31 | 1.1 |
| OW54-i | 6/25/1998 | | | | | | | | | ND | ND | | |
| OW54-i | 11/18/1998 | 8.09 | ND | ND | 12 | ND | ND | 60 | 27 | | ND | 1.35 | 0.8 |
| OW54-i | 5/10/1999 | 8.22 | ND | ND | 11 | ND | ND | 63 | 33 | ND | ND | 1.58 | 1.7 |
| OW54-i | 11/18/1999 | | | | 12 | | ND | 60 | | | | | |
| OW54-i | 12/3/1999 | 8.17 | ND | ND | 11 | ND | ND | 89 | 84 | | ND | 1.22 | |
| OW54-i | 5/26/2000 | 7.55 | ND | 0.001 | 11 | ND | ND | 71 | 57 | | ND | 1 | |
| OW54-i | 11/22/2000 | 7.78 | ND | ND | 12 | ND | ND | 81 | 62 | ND | ND | 1.57 | |
| OW54-i | 5/14/2001 | 7.92 | ND | ND | 13 | ND | ND | 87 | 46 | ND | ND | 1.26 | |
| OW54-i | 12/1/2001 | 8.09 | ND | 0.002 | 12 | ND | ND | 76 | 49 | ND | ND | 1.5 | |
| OW54-i | 5/29/2002 | 8.02 | ND | ND | 12 | ND | ND | 91 | 89 | ND | ND | 2.12 | |
| OW54-i | 11/21/2002 | 7.74 | ND | ND | 13 | ND | ND | 65 | 32 | ND | ND | 1.35 | |
| OW54-i | 5/29/2003 | 8.17 | < 0.0001 | <0.001 | 12 | < 0.0002 | < 0.01 | 77 | 52 | < 0.0003 | < 0.0005 | 1.44 | |
| OW54-i | 10/23/2003 | 8.01 | < 0.0012 | 0.003 | 14 | < 0.0012 | 0.01 | 83 | 63 | < 0.0022 | < 0.0015 | 1.37 | 1.4 |
| OW54-i | 5/4/2004 | 7.84 | < 0.0012 | <0.001 | 12 | < 0.0012 | < 0.01 | 80 | 47 | < 0.0022 | < 0.0015 | 1.28 | < 0.5 |
| OW54-i | 11/11/2004 | 7.71 | < 0.0012 | <0.001 | 12 | < 0.0012 | < 0.0001 | 72 | 41 | < 0.0022 | < 0.0015 | 1.18 | < 0.5 |
| OW54-i | 5/5/2005 | 8 | < 0.0012 | <0.001 | 11 | < 0.0012 | < 0.0001 | 74 | 51 | < 0.0022 | < 0.0015 | 1.25 | < 0.5 |
| OW54-i | 11/2/2005 | 7.91 | <0.0002 | 0.001 | 11 | <0.0002 | <0.0001 | 65 | 45 | <0.0022 | <0.0015 | 1.04 | 0.6 |
| OW54-i | 5/30/2006 | 8.3 | < 0.0002 | <0.001 | 12 | < 0.0002 | < 0.0001 | 74 | 42 | < 0.0003 | < 0.0005 | 1.34 | 1.1 |
| OW54-i | 11/16/2006 | 8.02 | < 0.0002 | <0.001 | 12 | < 0.0002 | < 0.0001 | 75 | 38 | < 0.0003 | < 0.0005 | 1.18 | 1.1 |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OW54-i | 4/20/2007 | 8.31 | < 0.0002 | <0.001 | 13 | < 0.0002 | < 0.0001 | 68 | 36 | < 0.0003 | < 0.0005 | 1.3 | 1.5 |
| OW54-i | 10/17/2007 | 7.93 | < 0.0002 | <0.001 | 13 | < 0.0002 | < 0.0001 | 73 | 38 | < 0.0003 | < 0.0005 | 1.05 | 1.6 |
| OW54-i | 4/30/2008 | 8.2 | < 0.00005 | < 0.004 | 12 | < 0.00005 | < 0.0004 | 82 | 57 | < 0.0001 | < 0.0002 | 1.6 | 1.9 |
| OW54-i | 11/19/2008 | 8.1 | < 0.00005 | < 0.004 | 12 | < 0.00005 | < 0.0004 | 69 | 34 | < 0.0001 | < 0.0002 | 1.3 | 1.6 |
| OW54-s | 7/6/1994 | 11 | | | | | | | 165 | | | 8.6 | 7.7 |
| OW54-s | 11/25/1994 | 10.5 | | | 12.7 | | | 105 | 244 | | ND | | 5.79 |
| OW54-s | 4/20/1995 | 10.2 | | ND | 12 | | ND | 100 | 137 | | | 0.22 | |
| OW54-s | 4/21/1995 | | | | | | | | | | ND | | |
| OW54-s | 11/2/1995 | 9.81 | | 0.003 | | | | | 142 | | | 0.52 | |
| OW54-s | 11/3/1995 | | | | 14 | | ND | 100 | | | ND | | |
| OW54-s | 4/1/1996 | 9.56 | | 0.002 | 14 | | ND | 116 | 167 | | ND | 0.24 | |
| OW54-s | 11/1/1996 | 9.89 | | ND | 15 | | ND | 119 | 168 | ND | ND | 0.39 | 1.8 |
| OW54-s | 5/1/1997 | 9.5 | | ND | 15 | | ND | 108 | 123 | | ND | 0.22 | 1.4 |
| OW54-s | 10/1/1997 | 8.84 | | ND | 17 | | ND | 135 | 186 | | ND | 0.98 | 2 |
| OW54-s | 5/8/1998 | 9.72 | | ND | 15 | | ND | 112 | 125 | | ND | 0.31 | 1.7 |
| OW54-s | 11/18/1998 | 9.21 | | ND | 16 | | ND | 91 | 121 | | ND | 0.41 | 1.3 |
| OW54-s | 11/18/1999 | 9.21 | | ND | 16 | | ND | 91 | 121 | | ND | 0.41 | 1.3 |
| OW54-s | 5/15/2000 | | | | | | | | | | ND | | |
| OW54-s | 5/25/2000 | 9.13 | | 0.002 | 13 | | ND | 114 | 77 | | | 0.26 | |
| OW54-s | 11/29/2000 | 8.73 | | ND | 17 | | ND | 118 | 159 | | ND | 0.24 | |
| OW54-s | 5/15/2001 | 8.82 | | ND | 14 | | ND | 99 | 163 | | ND | 0.32 | |
| OW54-s | 12/1/2001 | 8.59 | ND | ND | 18 | ND | ND | 112 | 166 | | ND | 0.31 | |
| OW54-s | 5/29/2002 | 9.07 | | ND | 18 | | ND | 131 | 170 | | ND | 0.48 | |
| OW54-s | 11/21/2002 | 8.44 | | ND | 21 | | ND | 111 | 99 | | ND | 0.41 | |
| OW54-s | 5/29/2003 | 8.91 | | <0.001 | 19 | | < 0.01 | 110 | 172 | < 0.0003 | < 0.0005 | 0.29 | |
| OW54-s | 10/23/2003 | 8.56 | | <0.001 | 21 | | < 0.01 | 117 | 135 | | < 0.0015 | 0.46 | 1.6 |
| OW54-s | 5/4/2004 | 10.8 | | <0.001 | 29 | | < 0.01 | 182 | 127 | | < 0.0015 | 0.45 | < 0.5 |
| OW54-s | 11/11/2004 | 9.59 | | <0.001 | 19 | | < 0.0001 | 137 | 216 | | < 0.0015 | 0.8 | 0.8 |
| OW54-s | 5/5/2005 | 9.38 | | <0.001 | 16 | | < 0.0001 | 93 | 76 | | < 0.0015 | 0.35 | 0.6 |
| OW54-s | 11/2/2005 | 8.53 | | 0.001 | 17 | | <0.0001 | 111 | 123 | | <0.0015 | 0.21 | <0.5 |
| OW54-s | 4/20/2007 | 10 | | <0.001 | 19 | | < 0.0001 | 120 | 89 | | < 0.0005 | 0.44 | 0.8 |
| OW54-s | 10/17/2007 | 9.31 | | 0.001 | 19 | | < 0.0001 | 112 | 114 | | < 0.0005 | 0.4 | 1.1 |
| OW54-s | 4/30/2008 | 11 | | < 0.004 | 35 | | < 0.0004 | 180 | 80 | | < 0.0002 | 1.2 | 1.1 |
| OW54-s | 11/19/2008 | 9.5 | | < 0.004 | 19 | | < 0.0004 | 120 | 138 | | < 0.0002 | < 0.7 | 1 |
| OW55-d | 7/1/1994 | | | | | | | | | | ND | | |
| OW55-d | 7/6/1994 | 6.8 | | 0.001 | | | | | 25.2 | | | 8.1 | 18.4 |
| OW55-d | 11/25/1994 | 7.2 | | ND | 42 | | ND | 2000 | ND | | ND | 6 | 13.4 |
| OW55-d | 4/20/1995 | 7.36 | | ND | 43 | | ND | 1091 | 38 | | | 5.9 | |
| OW55-d | 4/21/1995 | | | | | | | | | | ND | | |
| OW55-d | 11/2/1995 | 7.47 | | ND | | | | | 27 | | | 6.15 | |
| OW55-d | 11/3/1995 | | | | 44 | | ND | 1260 | | | 0.0005 | | |
| OW55-d | 4/1/1996 | 7.46 | | ND | 44 | | ND | 1200 | 28 | | 0.0008 | 5.55 | |
| OW55-d | 11/1/1996 | | | | 49 | | ND | 1080 | | | ND | | 0.6 |
| OW55-d | 5/1/1997 | 7.49 | | ND | 50 | | ND | 1260 | 16 | | 0.0008 | 5.93 | 3.5 |
| OW55-d | 10/1/1997 | 7.21 | | 0.002 | 44 | | ND | 1260 | 14 | | ND | 5.71 | 1 |
| OW55-d | 5/8/1998 | 7.75 | | ND | 49 | | ND | 1360 | 10 | | ND | 7.41 | ND |
| OW55-d | 11/18/1998 | 7.65 | | ND | 51 | | ND | 1340 | 17 | | ND | 6.45 | ND |
| OW55-d | 5/10/1999 | 7.77 | | ND | 48 | | ND | 1490 | 15 | | ND | 6.29 | 5.8 |
| OW55-d | 11/18/1999 | 7.65 | | ND | 17 | | ND | 289 | 17 | | ND | 6.45 | ND |
| OW55-d | 12/1/1999 | 7.82 | | ND | 48 | | ND | 1440 | 55 | | ND | 6.32 | |
| OW55-d | 5/25/2000 | 7.06 | | ND | 46 | | ND | 1110 | 43 | | ND | 4.54 | |
| OW55-d | 11/22/2000 | 7.43 | | ND | 46 | | ND | 915 | 46 | | ND | 6.75 | |
| OW55-d | 5/15/2001 | 7.81 | | ND | 35 | | ND | 847 | 130 | | ND | 1.03 | |
| OW55-d | 12/1/2001 | 7.77 | | ND | 49 | | 0.03 | 1110 | 30 | | ND | 4.62 | |
| OW55-d | 5/29/2002 | 7.85 | | ND | 49 | | ND | 1200 | 42 | | ND | 5.53 | |
| OW55-d | 11/21/2002 | 7.44 | | ND | 41 | | 0.04 | 1110 | 43 | | ND | 6.57 | |
| OW55-d | 5/28/2003 | 7.82 | | <0.001 | 47 | | 0.03 | 1180 | 42 | | < 0.0005 | 5.72 | |
| OW55-d | 10/23/2003 | 7.76 | | <0.001 | 70 | | 0.04 | 1200 | 47 | | < 0.0015 | 6.23 | 2.1 |
| OW55-d | 5/5/2004 | 7.58 | | <0.001 | 51 | | < 0.01 | 1220 | 33 | | < 0.0015 | 3.32 | 1.1 |
| OW55-d | 11/11/2004 | 7.72 | | <0.001 | 62 | | < 0.0001 | 1250 | 48 | | < 0.0015 | 5.33 | < 0.5 |
| OW55-d | 5/4/2005 | 7.5 | | <0.001 | 51 | | < 0.001 | 1210 | 24 | | | 4.23 | < 0.5 |
| OW55-d | 11/2/2005 | 7.59 | | 0.001 | 47 | | <0.001 | 1230 | 47 | | <0.0015 | 6.7 | <0.5 |
| OW55-d | 5/30/2006 | 7.94 | | <0.001 | 53 | | < 0.001 | 1300 | 23 | | < 0.0005 | 6.02 | < 0.5 |
| OW55-d | 11/16/2006 | 7.64 | | 0.012 | 48 | | < 0.001 | 1180 | 47 | | < 0.0005 | 5.06 | 0.6 |
| OW55-d | 4/19/2007 | 7.6 | | <0.001 | 44 | | < 0.001 | 1220 | 24 | | < 0.0005 | 7.06 | 1 |
| OW55-d | 10/17/2007 | 7.77 | | <0.001 | 46 | | < 0.001 | 1120 | 60 | | < 0.0005 | 5.34 | 1.1 |
| OW55-d | 5/1/2008 | 8 | | < 0.004 | 46 | | < 0.004 | 1100 | 62 | | < 0.0002 | 5 | 0.9 |
| OW55-d | 11/19/2008 | 8 | | < 0.004 | 47 | | < 0.002 | 1400 | 45 | | 0.0006 | 9 | 12.3 |
| OW55-i | 7/6/1994 | | | | | | | | | | | 5.3 | 21.3 |
| OW55-i | 11/25/1994 | 7.1 | | ND | 38 | | ND | 1340 | 84.9 | | | 6.1 | 118 |
| OW55-i | 4/20/1995 | 7.52 | | ND | 44 | | ND | 1178 | 46 | | | 8 | |
| OW55-i | 4/21/1995 | | | | | | | | | | ND | | |
| OW55-i | 11/2/1995 | 7.52 | | ND | | | | | 27 | | | 7.11 | |
| OW55-i | 11/3/1995 | | | | 46 | | ND | 1250 | | | ND | | |
| OW55-i | 4/1/1996 | 7.33 | | ND | 45 | | ND | 1140 | 52 | | ND | 5.55 | |
| OW55-i | 11/1/1996 | 7.38 | | 0.016 | 50 | | ND | 1060 | 31 | | ND | 5.73 | 0.3 |
| OW55-i | 5/1/1997 | 7.43 | | 0.002 | 50 | | ND | 1280 | 35 | | ND | 6.3 | 7 |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OW55-i | 10/1/1997 | 7.29 | | ND | 44 | | ND | 1110 | 26 | | ND | 5.88 | 1.6 |
| OW55-i | 5/8/1998 | 7.94 | | ND | 49 | | ND | 1310 | 22 | | ND | 5.55 | ND |
| OW55-i | 11/18/1998 | 7.61 | | 0.002 | 50 | | ND | 1280 | 33 | | ND | 7.09 | ND |
| OW55-i | 5/10/1999 | 7.75 | | 0.004 | 52 | | ND | 1680 | 63 | | ND | 6.86 | 4.7 |
| OW55-i | 11/18/1999 | 7.61 | | 0.002 | 50 | | ND | 1280 | 33 | | ND | 70.9 | ND |
| OW55-i | 12/2/1999 | 7.86 | | ND | 45 | | ND | 1100 | 41 | | ND | 2.74 | |
| OW55-i | 5/25/2000 | 7.14 | | ND | 44 | | ND | 1010 | 45 | | ND | 4.7 | |
| OW55-i | 11/21/2000 | 7.52 | | ND | 47 | | ND | 1210 | 33 | | ND | 5.9 | |
| OW55-i | 5/15/2001 | 7.54 | | ND | 49 | | ND | 1185 | 38 | | ND | 6.65 | |
| OW55-i | 12/1/2001 | 7.71 | | ND | 48 | | 0.03 | 1140 | 40 | | ND | 4.26 | |
| OW55-i | 5/29/2002 | 7.79 | | ND | 49 | | ND | 1340 | 110 | | ND | 6.2 | |
| OW55-i | 11/21/2002 | 7.62 | | ND | 44 | | 0.04 | 1300 | 82 | | ND | 6.36 | |
| OW55-i | 5/28/2003 | 7.73 | | <0.001 | 47 | | 0.06 | 1380 | 53 | | < 0.0005 | 6.28 | |
| OW55-i | 10/23/2003 | 7.7 | | <0.001 | 71 | | 0.05 | 1320 | 42 | | < 0.0015 | 7.2 | 1.8 |
| OW55-i | 5/5/2004 | 7.47 | | <0.001 | 58 | | < 0.01 | 1510 | 61 | | < 0.0015 | 4.17 | 1.4 |
| OW55-i | 11/11/2004 | 7.66 | | <0.001 | 61 | | < 0.0001 | 1380 | 96 | | < 0.0015 | 4.83 | < 0.5 |
| OW55-i | 5/4/2005 | 7.56 | | <0.001 | 50 | | < 0.001 | 1170 | 42 | | | 3.27 | < 0.5 |
| OW55-i | 11/2/2005 | 7.64 | | 0.001 | 46 | | <0.001 | 1220 | 58 | | <0.0015 | 6.27 | <0.5 |
| OW55-i | 5/30/2006 | 7.92 | | <0.001 | 50 | | < 0.001 | 1220 | 47 | | < 0.0005 | 6.19 | < 0.5 |
| OW55-i | 11/16/2006 | 7.62 | | 0.008 | 51 | | < 0.001 | 1370 | 67 | | < 0.0005 | 5.16 | 0.6 |
| OW55-i | 4/19/2007 | 7.55 | | <0.001 | 45 | | < 0.001 | 1290 | 46 | | < 0.0005 | 7.45 | 0.9 |
| OW55-i | 10/17/2007 | 7.7 | | <0.001 | 44 | | < 0.001 | 1090 | 62 | | < 0.0005 | 5.03 | 1.1 |
| OW55-i | 5/1/2008 | 7.9 | | < 0.004 | 46 | | < 0.004 | 1200 | 33 | | < 0.0002 | 5 | 0.8 |
| OW55-i | 11/19/2008 | 7.9 | | < 0.004 | 42 | | < 0.002 | 1000 | 107 | | 0.0005 | 7 | 5.8 |
| OW55-s | 7/1/1994 | | | | | | | | | | ND | | |
| OW55-s | 7/6/1994 | 8 | | | 42.5 | | ND | 1410 | 242 | | | 4.7 | 13.5 |
| OW55-s | 11/25/1994 | 7.7 | | | | | | | 777 | | ND | | |
| OW55-s | 4/20/1995 | 8.04 | | 0.017 | 20 | | ND | 1830 | 543 | | | 1.64 | |
| OW55-s | 4/21/1995 | | | | | | | | | | ND | | |
| OW55-s | 11/2/1995 | 7.88 | | ND | | | | | 323 | | | 0.75 | |
| OW55-s | 11/3/1995 | | | | 18 | | ND | 943 | | | ND | | |
| OW55-s | 4/1/1996 | 7.99 | | ND | 26 | | ND | 1100 | 184 | | 0.0009 | 0.91 | |
| OW55-s | 11/1/1996 | 8.1 | | ND | 44 | | ND | 1050 | 68 | | ND | 1.75 | 4.8 |
| OW55-s | 5/1/1997 | 7.89 | | ND | 40 | | ND | 1130 | 79 | | ND | 0.52 | 6.9 |
| OW55-s | 10/1/1997 | 7.65 | | ND | 36 | | ND | 1022 | 71 | | ND | 0.93 | 2 |
| OW55-s | 5/8/1998 | 8.28 | | ND | 42 | | ND | 1230 | 58 | | ND | 0.54 | ND |
| OW55-s | 11/18/1998 | 8.33 | | 0.012 | 36 | | ND | 1310 | 106 | | ND | 1.91 | ND |
| OW55-s | 5/10/1999 | 8.01 | | ND | 26 | | ND | 1140 | 11 | | ND | 2.22 | 6.3 |
| OW55-s | 11/18/1999 | 8.33 | | 0.012 | 36 | | ND | 1310 | 106 | | ND | 1.91 | ND |
| OW55-s | 12/2/1999 | 8.09 | | ND | 26 | | ND | 973 | 159 | | ND | 1.91 | |
| OW55-s | 5/25/2000 | 7.43 | | ND | 18 | | ND | 524 | 122 | | ND | 4.1 | |
| OW55-s | 5/15/2001 | 7.61 | | ND | 50 | | ND | 1291 | 35 | | ND | 6.64 | |
| OW55-s | 12/1/2001 | 7.86 | | ND | 29 | | 0.01 | 815 | 129 | | ND | 1.13 | |
| OW55-s | 5/29/2002 | 8.03 | | ND | 24 | | ND | 926 | 97 | | ND | 1.32 | |
| OW55-s | 11/21/2002 | 7.95 | | ND | 29 | | 0.02 | 790 | 91 | | ND | 1.85 | |
| OW55-s | 5/28/2003 | 8.1 | | <0.001 | 28 | | 0.02 | 999 | 200 | | < 0.0005 | 2.95 | |
| OW55-s | 10/23/2003 | 7.67 | | <0.001 | 53 | | 0.03 | 1220 | 133 | | < 0.0015 | 2.25 | 1.9 |
| OW55-s | 5/5/2004 | 7.64 | | <0.001 | 37 | | < 0.01 | 1030 | 173 | | < 0.0015 | 2.04 | 1.2 |
| OW55-s | 11/11/2004 | 7.72 | | <0.001 | 47 | | < 0.0001 | 1100 | 92 | | < 0.0015 | 2.4 | < 0.5 |
| OW55-s | 5/4/2005 | 7.66 | | <0.001 | 25 | | < 0.001 | 881 | 140 | | | 2.23 | < 0.5 |
| OW55-s | 11/2/2005 | 7.71 | | 0.001 | 35 | | <0.0001 | 1140 | 273 | | <0.0015 | 13.5 | <0.5 |
| OW55-s | 5/31/2006 | 8.08 | | <0.001 | 37 | | < 0.001 | 1140 | 444 | | < 0.0005 | 2.92 | < 0.5 |
| OW55-s | 11/16/2006 | 7.96 | | <0.001 | 38 | | < 0.001 | 1060 | 108 | | < 0.0005 | 1.04 | 0.7 |
| OW55-s | 4/19/2007 | 7.47 | | 0.001 | 33 | | < 0.001 | 1100 | 122 | | < 0.0005 | 2.27 | 1.9 |
| OW55-s | 10/17/2007 | 7.79 | | <0.001 | 31 | | < 0.001 | 911 | 118 | | < 0.0005 | 2.05 | 1.4 |
| OW55-s | 5/1/2008 | 8.1 | | < 0.004 | 23 | | < 0.004 | 640 | 163 | | < 0.0002 | 2 | 2.4 |
| OW55-s | 11/19/2008 | 8 | | 0.01 | 33 | | < 0.002 | 1100 | 137 | | 0.0003 | 8 | 7.4 |
| OW56-d | 7/6/1994 | | | | | | | | | | | | |
| OW56-d | 11/25/1994 | 7.4 | | ND | 20.5 | | ND | 510 | 158 | | ND | 2.2 | 5.35 |
| OW56-d | 4/20/1995 | 7.95 | | ND | 33 | | ND | 241 | 152 | | | 0.75 | |
| OW56-d | 4/21/1995 | | | | | | | | | | ND | | |
| OW56-d | 11/3/1995 | | | | | | | | | | ND | | |
| OW56-d | 11/21/1995 | 7.97 | | ND | 22 | | ND | 261 | 182 | | | 1.07 | |
| OW56-d | 4/1/1996 | 8.09 | | ND | 18 | | ND | 244 | 131 | | ND | 1.15 | |
| OW56-d | 11/1/1996 | 7.65 | | ND | | | | | 42 | | ND | 6 | |
| OW56-d | 5/1/1997 | 7.67 | | ND | 17 | | ND | 257 | 137 | | ND | 1.07 | 0.6 |
| OW56-d | 10/1/1997 | 7.66 | | ND | 22 | | ND | 421 | 262 | | ND | 1.1 | |
| OW56-d | 5/8/1998 | 8 | | ND | 22 | | ND | 780 | 225 | | ND | 1.27 | ND |
| OW56-d | 11/18/1998 | 7.98 | | ND | 23 | | ND | 453 | 202 | | ND | 1.26 | ND |
| OW56-d | 5/10/1999 | 8.09 | | ND | 19 | | ND | 384 | 178 | | ND | 1.63 | 1.4 |
| OW56-d | 11/18/1999 | 7.98 | | ND | 23 | | ND | 453 | 202 | | ND | 1.26 | ND |
| OW56-d | 12/2/1999 | 8.3 | | ND | 19 | | ND | 278 | 104 | | ND | 1.31 | |
| OW56-d | 5/26/2000 | 7.63 | | ND | 19 | | ND | 270 | 199 | | | 0.85 | |
| OW56-d | 11/21/2000 | 7.56 | | 0.044 | 20 | | ND | 256 | 129 | | 0.001 | 2.83 | |
| OW56-d | 5/15/2001 | 7.82 | | ND | 19 | | ND | 260 | 109 | | ND | 1.42 | |
| OW56-d | 12/1/2001 | 7.92 | | ND | 18 | | 0.01 | 258 | 121 | | ND | 0.95 | |
| OW56-d | 5/29/2002 | 8.06 | | ND | 17 | | ND | 242 | 80 | | | 1.61 | |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OW56-d | 11/21/2002 | 7.87 | | ND | 18 | | 0.02 | 276 | 109 | | ND | 1.63 | |
| OW56-d | 5/27/2003 | 8.07 | | <0.001 | 19 | | 0.02 | 251 | 88 | | < 0.0005 | 1.82 | |
| OW56-d | 10/23/2003 | 7.98 | | 0.009 | 26 | | 0.02 | 344 | 128 | | < 0.0015 | 2.22 | 2 |
| OW56-d | 5/6/2004 | 7.83 | | <0.001 | 18 | | < 0.001 | 257 | 172 | | < 0.0015 | 2.15 | 0.9 |
| OW56-d | 11/11/2004 | 7.65 | | <0.001 | 17 | | < 0.0001 | 241 | 169 | | < 0.0015 | 0.77 | < 0.5 |
| OW56-d | 5/3/2005 | 8.16 | | <0.001 | 19 | | < 0.0001 | 283 | 144 | | < 0.0015 | 1.1 | < 0.5 |
| OW56-d | 11/1/2005 | 7.74 | | <0.001 | 19 | | < 0.0001 | 248 | 106 | | < 0.0015 | 0.95 | < 0.5 |
| OW56-d | 5/31/2006 | 8.06 | | <0.001 | 18 | | < 0.001 | 282 | 99 | | < 0.0005 | 1.23 | < 0.5 |
| OW56-d | 11/16/2006 | 8 | | <0.001 | 17 | | < 0.0001 | 218 | 107 | | < 0.0005 | 0.38 | < 0.5 |
| OW56-d | 4/19/2007 | 7.85 | | <0.001 | 16 | | < 0.0001 | 224 | 126 | | < 0.0005 | 0.73 | 1.1 |
| OW56-d | 10/17/2007 | 7.94 | | <0.001 | 17 | | < 0.0001 | 245 | 180 | | < 0.0005 | 0.74 | 1.2 |
| OW56-d | 4/30/2008 | 8.1 | | 0.006 | 17 | | < 0.0004 | 230 | 116 | | < 0.0002 | 1 | 0.5 |
| OW56-d | 11/18/2008 | 8.2 | | < 0.004 | 18 | | < 0.0004 | 250 | 231 | | < 0.0002 | < 0.7 | 1 |
| OW56-i | 11/25/1994 | 7.3 | | | 14.3 | | ND | 180 | 123 | | ND | 0.92 | |
| OW56-i | 4/20/1995 | 7.59 | | ND | 16 | | ND | 196 | 75 | | | 1.07 | |
| OW56-i | 4/21/1995 | | | | | | | | | | 0.002 | | |
| OW56-i | 11/3/1995 | | | | | | | | | | ND | | |
| OW56-i | 11/21/1995 | 8.03 | | ND | 17 | | ND | 186 | 56 | | | 1.73 | |
| OW56-i | 4/1/1996 | 7.79 | | ND | 16 | | ND | 195 | 41 | | ND | 1.94 | |
| OW56-i | 11/1/1996 | 7.69 | | ND | 16 | | ND | 182 | 47 | | ND | 1.75 | 0.2 |
| OW56-i | 5/1/1997 | 7.59 | | ND | 16 | | ND | 199 | 36 | | 0.0006 | 2 | 1.4 |
| OW56-i | 10/1/1997 | 7.71 | | ND | 16 | | ND | 196 | 61 | | ND | 1.7 | ND |
| OW56-i | 5/8/1998 | 8.16 | | ND | 15 | | ND | 203 | 20 | | ND | 2.26 | 1 |
| OW56-i | 11/18/1998 | 7.91 | | ND | 17 | | ND | 213 | 27 | | ND | 2.64 | ND |
| OW56-i | 5/10/1999 | 8.05 | | ND | 16 | | ND | 219 | 29 | | ND | 2.7 | 1 |
| OW56-i | 11/18/1999 | 7.91 | | ND | 17 | | ND | 213 | 27 | | ND | 2.64 | ND |
| OW56-i | 5/26/2000 | 7.63 | | ND | 16 | | ND | 206 | 65 | | | 1.35 | |
| OW56-i | 11/21/2000 | 7.58 | | ND | 16 | | ND | 205 | 82 | | ND | 1.73 | |
| OW56-i | 5/15/2001 | 7.9 | | ND | 18 | | ND | 204 | 20 | | ND | 1.99 | |
| OW56-i | 12/1/2001 | 7.98 | | 0.004 | 17 | | 0.01 | 189 | 48 | | ND | 1.59 | |
| OW56-i | 5/29/2002 | 8.01 | | ND | 16 | | ND | 207 | 25 | | ND | 2.17 | |
| OW56-i | 11/21/2002 | 7.91 | | 0.004 | 16 | | 0.02 | 214 | 47 | | ND | 2.25 | |
| OW56-i | 5/27/2003 | 7.94 | | <0.001 | 17 | | 0.02 | 210 | 27 | | < 0.0005 | 2.34 | |
| OW56-i | 10/23/2003 | 7.83 | | 0.018 | 23 | | 0.02 | 225 | 86 | | < 0.0015 | 2.11 | 1.1 |
| OW56-i | 5/6/2004 | 7.77 | | 0.005 | 16 | | < 0.0001 | 206 | 118 | | < 0.0015 | 1.85 | 0.8 |
| OW56-i | 11/11/2004 | 7.58 | | 0.008 | 17 | | < 0.0001 | 218 | 97 | | < 0.0015 | 1.54 | < 0.5 |
| OW56-i | 5/3/2005 | 8.47 | | <0.001 | 14 | | < 0.0001 | 416 | 178 | | < 0.0015 | 0.15 | < 0.5 |
| OW56-i | 11/1/2005 | 7.74 | | 0.006 | 18 | | < 0.0001 | 235 | 102 | | < 0.0015 | 1.43 | < 0.5 |
| OW56-i | 11/16/2006 | 8.13 | | <0.001 | 16 | | < 0.0001 | 209 | 29 | | < 0.0005 | 1.48 | < 0.5 |
| OW56-i | 4/19/2007 | 7.86 | | 0.006 | 16 | | < 0.0001 | 204 | 62 | | < 0.0005 | 1.16 | 1.1 |
| OW56-i | 10/17/2007 | 8.05 | | 0.009 | 15 | | < 0.0001 | 192 | 41 | | 0.0009 | 1.31 | 0.9 |
| OW56-i | 4/30/2008 | 8.3 | | 0.026 | 17 | | < 0.0004 | 220 | 38 | | < 0.0002 | 2 | 0.5 |
| OW56-i | 11/18/2008 | 8.1 | | 0.009 | 16 | | < 0.0004 | 210 | 109 | | < 0.01 | < 4 | 0.5 |
| OW56-s | 7/1/1994 | | | | | | | | | | ND | | |
| OW56-s | 7/6/1994 | 7.6 | | ND | 21.4 | | ND | 510 | 212 | | | 4.6 | 11.2 |
| OW56-s | 11/3/1995 | | | | | | | | | | 0.0005 | | |
| OW56-s | 11/21/1995 | 8.23 | | ND | 26 | | ND | 975 | 1450 | | | 0.33 | |
| OW56-s | 4/1/1996 | 8.06 | | ND | 16 | | ND | 539 | 468 | | ND | 0.5 | |
| OW56-s | 11/1/1996 | 8.53 | | ND | 18 | | ND | 500 | 332 | | ND | 0.22 | 0.2 |
| OW56-s | 5/1/1997 | 8.29 | | ND | 14 | | ND | 490 | 333 | | ND | 0.45 | 3.3 |
| OW56-s | 10/1/1997 | 8.26 | | ND | 15 | | ND | 489 | 331 | | ND | 0.17 | 0.2 |
| OW56-s | 5/8/1998 | 9.1 | | ND | 15 | | ND | 476 | 183 | | ND | 0.19 | 1.8 |
| OW56-s | 11/18/1998 | 9.25 | | ND | 15 | | ND | 310 | 318 | | ND | 0.68 | 0.7 |
| OW56-s | 5/10/1999 | 9.1 | | ND | 12 | | ND | 590 | 311 | | ND | 0.32 | 1.6 |
| OW56-s | 11/18/1999 | 9.25 | | ND | 15 | | ND | 310 | 318 | | ND | 0.68 | 0.7 |
| OW56-s | 12/2/1999 | 8.9 | | ND | 13 | | ND | 565 | 332 | | ND | 0.48 | |
| OW56-s | 5/26/2000 | 8.57 | | ND | 14 | | ND | 477 | 282 | | | 0.83 | |
| OW56-s | 11/21/2000 | 8.24 | | ND | 16 | | ND | 431 | 138 | | ND | 0.37 | |
| OW56-s | 5/15/2001 | 8.33 | | ND | 15 | | ND | 382 | 114 | | ND | 0.22 | |
| OW56-s | 12/1/2001 | 8.85 | | ND | 14 | | ND | 415 | 127 | | ND | 0.37 | |
| OW56-s | 5/29/2002 | 8.39 | | ND | 12 | | ND | 403 | 104 | | | 0.25 | |
| OW56-s | 11/21/2002 | 8.51 | | ND | 15 | | ND | 457 | 166 | | ND | 0.2 | |
| OW56-s | 5/27/2003 | 8.48 | | <0.001 | 13 | | < 0.01 | 462 | 167 | | < 0.0005 | 0.18 | |
| OW56-s | 10/23/2003 | 8.35 | | <0.001 | 21 | | < 0.01 | 439 | 123 | | < 0.0015 | 0.43 | 1.3 |
| OW56-s | 5/6/2004 | 8.36 | | <0.001 | 14 | | < 0.0001 | 411 | 163 | | < 0.0015 | 0.26 | 0.7 |
| OW56-s | 11/11/2004 | 8.05 | | <0.001 | 17 | | < 0.0001 | 436 | 150 | | < 0.0015 | 0.17 | < 0.5 |
| OW56-s | 5/3/2005 | 8.12 | | <0.001 | 16 | | < 0.0001 | 218 | 69 | | < 0.0015 | 2.89 | 1 |
| OW56-s | 11/1/2005 | 8.39 | | <0.001 | 16 | | < 0.0001 | 460 | 186 | | < 0.0015 | 0.15 | 1.2 |
| OW56-s | 5/31/2006 | 8.44 | | <0.001 | 14 | | < 0.0001 | 330 | 91 | | < 0.0005 | 0.17 | < 0.5 |
| OW56-s | 11/16/2006 | 8.27 | | 0.018 | 16 | | < 0.0001 | 383 | 110 | | < 0.0005 | 0.2 | < 0.5 |
| OW56-s | 4/19/2007 | 8.22 | | <0.001 | 13 | | < 0.0001 | 345 | 140 | | < 0.0005 | 0.11 | 1 |
| OW56-s | 10/17/2007 | 8.22 | | <0.001 | 16 | | < 0.0001 | 361 | 155 | | 0.0005 | 0.18 | 1.2 |
| OW56-s | 4/30/2008 | 8.4 | | < 0.004 | 16 | | < 0.0004 | 390 | 159 | | < 0.0002 | < 0.7 | 1.6 |
| OW56-s | 11/18/2008 | 8.4 | | < 0.004 | 15 | | < 0.0004 | 400 | 298 | | < 0.0002 | < 0.7 | 3 |
| OW57 | 7/1/1994 | | | | | | | | | | 0.00086 | | |
| OW57 | 7/6/1994 | 9.6 | | 0.0012 | ND | | ND | 107 | 222 | | | 4.6 | 9.14 |
| OW57 | 11/25/1994 | 9.5 | | 0.0054 | 1.9 | | ND | 130 | 25.1 | ND | 0.0011 | 0.49 | 4.51 |

| Location | Sampling Date | pH unitless | Phenanthrene mg/L | Phenols mg/L | Potassium mg/L | Pyrene mg/L | Silver mg/L | Sodium mg/L | Sulphate mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OW57 | 4/20/1995 | 9.85 | | 0.004 | 2 | | ND | 112 | 222 | | | 0.54 | |
| OW57 | 4/21/1995 | | | | | | | | | | 0.0008 | | |
| OW57 | 11/2/1995 | 9.9 | | ND | | | | | 247 | | | 0.83 | |
| OW57 | 11/3/1995 | | | | 2 | | ND | 97 | | | ND | | |
| OW57 | 4/1/1996 | 9.82 | | ND | 2 | | ND | 98 | 235 | | 0.0005 | 0.44 | |
| OW57 | 11/1/1996 | 9.52 | | 0.004 | 2 | | ND | 121 | 283 | | ND | 0.41 | 1.1 |
| OW57 | 5/1/1997 | 10.04 | | ND | 2 | | ND | 138 | 310 | | ND | 0.86 | 1.7 |
| OW57 | 10/1/1997 | 10.01 | | ND | 2 | | ND | 129 | 273 | | ND | 0.3 | 111 |
| OW57 | 5/8/1998 | 10.07 | | 0.002 | 1 | | ND | 132 | 222 | | ND | 0.46 | 2.5 |
| OW57 | 11/18/1998 | 10.48 | | ND | 1 | | ND | 128 | 248 | | 0.0007 | 0.39 | 1.2 |
| OW57 | 5/10/1999 | 10.34 | | 0.005 | 2 | | ND | 134 | 122 | | 0.001 | 0.4 | 1.1 |
| OW57 | 11/18/1999 | 10.48 | | ND | | | | | 248 | | 0.0007 | 0.39 | 1.2 |
| OW57 | 12/2/1999 | | | | 2 | | ND | 116 | | | | | |
| OW57 | 12/3/1999 | 9.23 | | 0.005 | | | | | 214 | | ND | 0.56 | |
| OW57 | 5/15/2000 | | | | | | | | | | ND | | |
| OW57 | 5/25/2000 | 8.99 | | 0.003 | 2 | | ND | 118 | 214 | | | 0.45 | |
| OW57 | 11/22/2000 | 9.75 | | 0.003 | 1 | | ND | 117 | 205 | | ND | 0.33 | |
| OW57 | 5/15/2001 | 10.1 | | 0.001 | 1 | | ND | 95 | 197 | | ND | 0.32 | |
| OW57 | 12/1/2001 | 10 | | ND | 1 | | ND | 106 | 199 | | ND | 0.26 | |
| OW57 | 5/29/2002 | 9.98 | | ND | 1 | | ND | 107 | 195 | | ND | 0.36 | |
| OW57 | 11/21/2002 | 9.78 | | ND | 1 | | ND | 115 | 209 | | ND | 0.33 | |
| OW57 | 5/29/2003 | 9.54 | | <0.001 | 1 | | < 0.01 | 103 | 187 | | < 0.0005 | 0.23 | |
| OW57 | 10/23/2003 | 9.28 | | 0.002 | 2 | | < 0.01 | 116 | 188 | | < 0.0015 | 0.26 | 1.7 |
| OW57 | 5/5/2004 | 9.28 | | <0.001 | 1 | | < 0.0001 | 121 | 240 | | < 0.0015 | 0.42 | 1.4 |
| OW57 | 11/11/2004 | 9.61 | | <0.001 | 1 | | < 0.0001 | 113 | 193 | | < 0.0015 | 0.24 | 0.8 |
| OW57 | 5/4/2005 | 9.6 | | <0.001 | 1 | | < 0.001 | 124 | 197 | | < 0.0015 | 0.25 | 1 |
| OW57 | 11/1/2005 | 9.65 | | <0.001 | 1 | | < 0.0001 | 109 | 177 | | < 0.0015 | 0.19 | 0.7 |
| OW57 | 5/31/2006 | 9.35 | | <0.001 | 2 | | < 0.0001 | 126 | 220 | | < 0.0005 | 0.26 | 0.7 |
| OW57 | 11/16/2006 | 9.54 | | <0.001 | 1 | | < 0.0001 | 119 | 185 | | < 0.0005 | 0.27 | 0.7 |
| OW57 | 4/20/2007 | 9.24 | | <0.001 | 1 | | < 0.0001 | 116 | 187 | | < 0.0005 | 0.2 | 1.1 |
| OW57 | 10/17/2007 | 9.06 | | 0.002 | 1 | | < 0.0001 | 96 | 156 | | 0.0009 | 0.28 | 1.1 |
| OW57 | 4/29/2008 | 9.2 | | < 0.004 | 1.4 | | < 0.0004 | 110 | 168 | | < 0.0002 | < 0.7 | 1.1 |
| OW57 | 11/18/2008 | 8.7 | | < 0.004 | 1.2 | | < 0.0004 | 95 | 165 | | < 0.0002 | < 0.7 | 1.5 |

# Appendix C

# Organic Groundwater Chemistry

Appendix C: Organic Groundwater Chemistry
Waste Management of Canada Corporation, Richmond Landfill - 2008 Annual Monitoring Report

| Location | Sampling Date | 1,1,1,2-Tetrachloroethane mg/L | 1,1,1-Trichloroethane mg/L | 1,1,2,2-Tetrachloroethane mg/L | 1,1,2-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,2-Dichlorobenzene (o) mg/L | 1,2-Dichloroethane mg/L | 1,2-Dichloropropane mg/L | 1,3,5-Trimethylbenzene mg/L | 1,3-Dichlorobenzene (m) mg/L | 1,4-Dichlorobenzene (p) mg/L | 2-Chloroethyl vinyl Ether mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M4-2 | 1-Jul-91 | | *ND* | | *ND* | 0.004 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* |
| M4-2 | 1-Jul-92 | | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | |
| M4-2 | 5-May-93 | | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | |
| M4-2 | 21-Apr-95 | | | | | | | | | | | | | |
| M4-2 | 8-May-98 | | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | |
| M4-2 | 12-May-99 | | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | |
| M6-2 | 1-Jul-91 | | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* |
| M6-2 | 1-Jul-94 | | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | |
| M6-2 | 21-Apr-95 | | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | 0.0005 | *ND* | *ND* | |
| M6-2 | 1-Apr-96 | | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | 0.0025 | *ND* | *ND* | |
| M6-2 | 1-May-97 | | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | 0.0014 | *ND* | *ND* | |
| M6-2 | 8-May-98 | | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | |
| M6-2 | 12-May-99 | | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | |
| M6-2 | 30-May-00 | | | | | | | | | | | | | |
| M6-2 | 18-Jun-02 | *ND* | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | 0.0022 | *ND* | *ND* | |
| M6-2 | 28-May-03 | < 0.0006 | < 0.0004 | < 0.0006 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0007 | < 0.0007 | 0.0014 | < 0.0004 | < 0.0004 | |
| M6-2 | 6-May-04 | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | < 0.0016 | < 0.0024 | < 0.0024 | |
| M6-2 | 4-May-05 | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | < 0.0016 | < 0.0024 | < 0.0024 | |
| M6-2 | 6-Jun-06 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0005 | 0.0007 | < 0.0004 | < 0.0004 | |
| M6-2 | 20-Apr-07 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0005 | 0.0011 | < 0.0004 | < 0.0004 | |
| M6-2 | 1-May-08 | < 0.005 | < 0.005 | < 0.01 | < 0.01 | < 0.005 | < 0.005 | < 0.01 | < 0.01 | < 0.005 | | < 0.01 | < 0.01 | |
| M9-1 | 1-Jul-91 | | *ND* | | *ND* | 0.002 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* |
| M9-1 | 1-Jul-92 | | *ND* | | *ND* | 0.0039 | *ND* | *ND* | 0.0011 | *ND* | *ND* | *ND* | *ND* | |
| M9-1 | 1-May-93 | | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | |
| M9-1 | 1-Jul-94 | | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* |
| M9-1 | 8-May-98 | | | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | |
| M9-1 | 11-May-99 | | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | |
| M9R-1 | 20-Dec-99 | | | | | | | | | | | | | |
| M9R-1 | 25-May-00 | | *ND* | | | 0.0042 | *ND* | | | | | | *ND* | |
| M9R-1 | 14-May-01 | | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | |
| M9R-1 | 19-Jun-02 | *ND* | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | |
| M9R-1 | 29-May-03 | < 0.006 | < 0.004 | < 0.006 | < 0.004 | < 0.004 | < 0.005 | < 0.004 | < 0.007 | < 0.007 | < 0.003 | < 0.004 | < 0.004 | |
| M9R-1 | 4-May-04 | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | < 0.0016 | < 0.0024 | < 0.0024 | |
| M9R-1 | 3-May-05 | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | < 0.0016 | < 0.0024 | < 0.0024 | |
| M9R-1 | 2-Jun-06 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | 0.0013 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0005 | < 0.0003 | < 0.0004 | < 0.0004 | |
| M9R-1 | 20-Apr-07 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | 0.0012 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0005 | < 0.0003 | < 0.0004 | < 0.0004 | |
| M9R-1 | 29-Apr-08 | < 0.003 | < 0.003 | < 0.005 | < 0.005 | < 0.003 | < 0.003 | < 0.005 | < 0.01 | < 0.003 | | < 0.005 | < 0.005 | |

| Location | Sampling Date | Benzene mg/L | Bromodichloromethane mg/L | Bromoform mg/L | Bromomethane mg/L | Carbon Tetrachloride mg/L | Chlorobenzene mg/L | Chlorodibromomethane mg/L | Chloroethane mg/L | Chloroform mg/L | Chloromethane mg/L | Cis-1,2-Dichloroethylene mg/L | Cis-1,3-Dichloropropylene mg/L | Dichloromethane mg/L | Ethylbenzene mg/L | Ethylene Dibromide mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M4-2 | 1-Jul-91 | 0.013 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | 0.023 | *ND* | *ND* | 0.017 | *ND* | *ND* | 0.003 | *ND* |
| M4-2 | 1-Jul-92 | 0.023 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | 0.0059 | *ND* | *ND* | *ND* | *ND* | *ND* | 0.0006 | *ND* |
| M4-2 | 5-May-93 | 0.0028 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* |
| M4-2 | 21-Apr-95 | *ND* | | | | | | | | | | | | | *ND* | |
| M4-2 | 8-May-98 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* |
| M4-2 | 12-May-99 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* |
| M6-2 | 1-Jul-91 | 0.27 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | 0.003 | *ND* |
| M6-2 | 1-Jul-94 | 0.077 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | 0.0131 | *ND* | *ND* | *ND* | 0.0045 | *ND* |
| M6-2 | 21-Apr-95 | 0.113 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | 0.0017 | *ND* |
| M6-2 | 1-Apr-96 | 0.454 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* |
| M6-2 | 1-May-97 | 0.212 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | 0.0035 | 0.0035 | *ND* | *ND* | *ND* | *ND* | 0.0032 | *ND* |
| M6-2 | 8-May-98 | 0.23 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | 0.0035 | *ND* |
| M6-2 | 12-May-99 | 0.0806 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | 0.0019 | *ND* |
| M6-2 | 30-May-00 | 0.352 | | | | | | | | | | | | | 0.0038 | |
| M6-2 | 18-Jun-02 | 0.422 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | 0.0066 | *ND* |
| M6-2 | 28-May-03 | 0.311 | < 0.0003 | < 0.0004 | < 0.0005 | < 0.0009 | | < 0.0003 | < 0.001 | < 0.0005 | < 0.001 | < 0.0004 | < 0.0002 | < 0.004 | 0.004 | < 0.001 |
| M6-2 | 6-May-04 | 0.308 | < 0.002 | < 0.0019 | < 0.0005 | < 0.0013 | | < 0.0023 | < 0.001 | < 0.0014 | < 0.001 | < 0.0012 | < 0.0026 | < 0.0048 | 0.0022 | < 0.0038 |
| M6-2 | 4-May-05 | 0.206 | < 0.002 | < 0.0019 | < 0.0005 | < 0.0013 | | < 0.0023 | < 0.001 | < 0.0014 | < 0.001 | < 0.0012 | < 0.0026 | < 0.0048 | 0.002 | < 0.0038 |
| M6-2 | 6-Jun-06 | 0.204 | < 0.0003 | < 0.0004 | < 0.0005 | < 0.0005 | | < 0.0003 | < 0.001 | < 0.0005 | < 0.001 | < 0.0004 | < 0.0002 | < 0.004 | 0.0034 | < 0.001 |
| M6-2 | 20-Apr-07 | 0.5 | < 0.0003 | < 0.0004 | < 0.0005 | < 0.0005 | | < 0.0003 | < 0.001 | < 0.0005 | < 0.001 | < 0.0004 | < 0.0002 | < 0.004 | 0.005 | < 0.001 |
| M6-2 | 1-May-08 | 0.44 | < 0.005 | < 0.01 | < 0.03 | < 0.005 | < 0.005 | < 0.01 | < 0.01 | < 0.005 | < 0.03 | < 0.005 | < 0.01 | < 0.03 | < 0.005 | |
| M9-1 | 1-Jul-91 | 0.002 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* |
| M9-1 | 1-Jul-92 | 0.049 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | 0.04 | *ND* | *ND* | *ND* | *ND* | *ND* |
| M9-1 | 1-May-93 | 0.11 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* |
| M9-1 | 1-Jul-94 | 0.172 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | 0.0037 | *ND* | 0.062 | *ND* | *ND* | 0.0043 | 0.00058 | *ND* |
| M9-1 | 8-May-98 | 0.54 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | 0.0022 | *ND* |
| M9-1 | 11-May-99 | 0.1 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | 0.0019 | *ND* |
| M9R-1 | 20-Dec-99 | *ND* | | | | | | | | | | | | | *ND* | |
| M9R-1 | 25-May-00 | *ND* | | | | | | | | | | | | | *ND* | |
| M9R-1 | 14-May-01 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* |
| M9R-1 | 19-Jun-02 | 0.133 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* |
| M9R-1 | 29-May-03 | 0.073 | < 0.003 | < 0.004 | < 0.005 | < 0.009 | | < 0.003 | < 0.01 | < 0.005 | < 0.01 | < 0.004 | < 0.002 | < 0.04 | < 0.005 | < 0.01 |
| M9R-1 | 4-May-04 | 0.0515 | < 0.002 | < 0.0019 | < 0.0005 | < 0.0013 | | < 0.0023 | < 0.001 | < 0.0014 | < 0.001 | < 0.0012 | < 0.0026 | < 0.0048 | < 0.0016 | < 0.0038 |
| M9R-1 | 3-May-05 | < 0.0013 | < 0.002 | < 0.0019 | < 0.0005 | < 0.0013 | | < 0.0023 | < 0.001 | < 0.0014 | < 0.001 | < 0.0012 | < 0.0026 | < 0.0048 | < 0.0016 | < 0.0038 |
| M9R-1 | 2-Jun-06 | < 0.0005 | < 0.0003 | < 0.0004 | < 0.0005 | < 0.0005 | | < 0.0003 | < 0.001 | < 0.0005 | < 0.001 | < 0.0004 | < 0.0002 | < 0.005 | < 0.0005 | < 0.001 |
| M9R-1 | 20-Apr-07 | 0.056 | < 0.0003 | < 0.0004 | < 0.0005 | < 0.0005 | | < 0.0003 | < 0.001 | < 0.0005 | < 0.001 | < 0.0004 | < 0.0002 | < 0.004 | < 0.0005 | < 0.001 |
| M9R-1 | 29-Apr-08 | 0.28 | < 0.003 | < 0.005 | < 0.01 | < 0.003 | < 0.003 | < 0.005 | | < 0.003 | | < 0.003 | < 0.005 | < 0.01 | < 0.003 | |

| Location | Sampling Date | m+p-Xylene mg/L | o-Xylene mg/L | Styrene mg/L | Tetrachloro ethane mg/L | Tetrachloro ethene mg/L | Toluene mg/L | Trans-1,2-dichloroethylene mg/L | Trans-1,3-dichloropropene mg/L | Trichloro ethylene mg/L | Trichloro fluoromethane mg/L | Vinyl Chloride mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M4-2 | 1-Jul-91 | 0.013 | 0.005 | *ND* | *ND* | *ND* | 0.51 | *ND* | *ND* | 0.001 | *ND* | *ND* |
| M4-2 | 1-Jul-92 | 0.0034 | 0.0019 | *ND* | *ND* | *ND* | 0.041 | *ND* | *ND* | *ND* | *ND* | *ND* |
| M4-2 | 5-May-93 | 0.0021 | 0.0009 | *ND* | *ND* | *ND* | 0.01 | *ND* | *ND* | *ND* | *ND* | *ND* |
| M4-2 | 21-Apr-95 | *ND* | *ND* | | | | *ND* | | | | | |
| M4-2 | 8-May-98 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* |
| M4-2 | 12-May-99 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* |
| M6-2 | 1-Jul-91 | 0.025 | 0.007 | *ND* | *ND* | *ND* | 0.11 | *ND* | *ND* | *ND* | *ND* | *ND* |
| M6-2 | 1-Jul-94 | 0.0323 | 0.0149 | *ND* | *ND* | *ND* | 0.082 | *ND* | *ND* | *ND* | *ND* | *ND* |
| M6-2 | 21-Apr-95 | 0.0131 | 0.0055 | *ND* | *ND* | *ND* | 0.0763 | *ND* | *ND* | *ND* | *ND* | *ND* |
| M6-2 | 1-Apr-96 | 0.0379 | 0.0149 | 0.001 | *ND* | *ND* | 0.25 | *ND* | *ND* | *ND* | *ND* | *ND* |
| M6-2 | 1-May-97 | 0.0257 | 0.009 | 0.0007 | *ND* | *ND* | 0.103 | *ND* | *ND* | *ND* | *ND* | *ND* |
| M6-2 | 8-May-98 | 0.03 | 0.0094 | *ND* | *ND* | *ND* | 0.12 | *ND* | *ND* | *ND* | *ND* | *ND* |
| M6-2 | 12-May-99 | 0.0131 | 0.0046 | *ND* | *ND* | *ND* | 0.05 | *ND* | *ND* | *ND* | *ND* | *ND* |
| M6-2 | 30-May-00 | 0.0372 | 0.0123 | | | | 0.149 | | | | | |
| M6-2 | 18-Jun-02 | 0.0543 | 0.0129 | *ND* | *ND* | *ND* | 0.146 | *ND* | *ND* | *ND* | *ND* | *ND* |
| M6-2 | 28-May-03 | 0.0354 | 0.008 | < 0.0005 | | < 0.0003 | 0.0893 | < 0.0004 | < 0.0002 | < 0.0003 | < 0.0005 | < 0.0005 |
| M6-2 | 6-May-04 | 0.0164 | 0.0042 | < 0.0042 | | < 0.0022 | 0.0637 | < 0.0011 | < 0.0021 | < 0.0019 | < 0.002 | < 0.0049 |
| M6-2 | 4-May-05 | 0.0161 | 0.0034 | < 0.0042 | | < 0.0022 | 0.036 | < 0.0011 | < 0.0021 | < 0.0019 | < 0.002 | < 0.0049 |
| M6-2 | 6-Jun-06 | 0.0236 | 0.0054 | < 0.0005 | | < 0.0003 | 0.043 | < 0.0004 | < 0.0002 | < 0.0003 | < 0.0005 | < 0.0002 |
| M6-2 | 20-Apr-07 | 0.0453 | 0.0086 | < 0.0005 | | < 0.0003 | 0.146 | < 0.0004 | < 0.0002 | < 0.0003 | < 0.0005 | < 0.0002 |
| M6-2 | 1-May-08 | 0.023 | < 0.005 | < 0.01 | | < 0.005 | 0.12 | < 0.005 | < 0.01 | < 0.005 | < 0.01 | < 0.01 |
| M9-1 | 1-Jul-91 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* |
| M9-1 | 1-Jul-92 | 0.0011 | *ND* | *ND* | *ND* | *ND* | 0.0047 | *ND* | *ND* | *ND* | *ND* | *ND* |
| M9-1 | 1-May-93 | *ND* | *ND* | *ND* | *ND* | *ND* | 0.031 | *ND* | *ND* | *ND* | *ND* | *ND* |
| M9-1 | 1-Jul-94 | 0.00284 | 0.0013 | *ND* | *ND* | *ND* | 0.00616 | *ND* | *ND* | *ND* | *ND* | *ND* |
| M9-1 | 8-May-98 | 0.0026 | 0.0044 | *ND* | *ND* | | 0.0185 | *ND* | *ND* | *ND* | *ND* | *ND* |
| M9-1 | 11-May-99 | 0.0035 | 0.0037 | *ND* | *ND* | *ND* | 0.0093 | *ND* | *ND* | *ND* | *ND* | *ND* |
| M9R-1 | 20-Dec-99 | *ND* | 0.0001 | | | | *ND* | | | | | |
| M9R-1 | 25-May-00 | *ND* | *ND* | | | | *ND* | | | *ND* | | |
| M9R-1 | 14-May-01 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* |
| M9R-1 | 19-Jun-02 | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* |
| M9R-1 | 29-May-03 | < 0.01 | < 0.005 | < 0.005 | | < 0.003 | < 0.005 | < 0.004 | < 0.002 | < 0.003 | < 0.005 | < 0.005 |
| M9R-1 | 4-May-04 | < 0.0034 | < 0.0027 | < 0.0042 | | < 0.0022 | < 0.0015 | < 0.0011 | < 0.0021 | < 0.0019 | < 0.002 | < 0.0049 |
| M9R-1 | 3-May-05 | < 0.0034 | < 0.0027 | < 0.0042 | | < 0.0022 | < 0.0015 | < 0.0011 | < 0.0021 | < 0.0019 | < 0.002 | < 0.0049 |
| M9R-1 | 2-Jun-06 | < 0.001 | < 0.0005 | < 0.0005 | | < 0.0003 | < 0.0005 | < 0.0004 | < 0.0002 | < 0.0003 | < 0.0005 | < 0.0002 |
| M9R-1 | 20-Apr-07 | < 0.001 | < 0.0005 | < 0.0005 | | < 0.0003 | 0.0006 | < 0.0004 | < 0.0002 | < 0.0003 | < 0.0005 | < 0.0002 |
| M9R-1 | 29-Apr-08 | < 0.003 | < 0.003 | < 0.005 | | < 0.003 | < 0.005 | < 0.003 | < 0.005 | < 0.003 | | < 0.005 |

# Appendix D

## Surface Water Chemistry

| Surface Water Location | Sampling Date | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Arsenic mg/L | Beryllium mg/L | Biochemical Oxygen Demand mg/L | Cadmium mg/L | Calcium mg/L | Chloride mg/L | Chromium mg/L | Conductivity us/cm | Copper mg/L | Cyanide (free) mg/L | Dissolved Organic Carbon mg/L | Field Conductivity us/cm | Field pH unitless | Field Temperature °C | Hardness mg/L | Iron mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S1 | 4/24/1989 | 154 | | 0.006 | | | | | | 26 | | 420 | | | | | | | 192 | 0.08 |
| S1 | 5/12/1989 | 181 | | 0.03 | | | | | | 28 | | 470 | | | | | | | 240 | 0.1 |
| S1 | 5/10/1990 | 10 | | 1.6 | | | | | 67 | 25 | | 508 | | | | | | | | 0.2 |
| S1 | 10/1/1990 | 313 | | *ND* | | | | | 86 | 152 | | 1044 | | | | | | | | 0.3 |
| S1 | 11/27/1992 | 140 | | 0.02 | | *ND* | *ND* | *ND* | 51 | 7 | *ND* | 314 | *ND* | | | | | | | 0.18 |
| S1 | 4/30/1993 | | | 0.02 | | *ND* | *ND* | 0.00018 | | 24 | *ND* | 462 | < 0.005 | | | | | | | 0.27 |
| S1 | 5/1/1994 | 170 | | *ND* | | *ND* | 6 | *ND* | | 7.97 | *ND* | 420 | 0.014 | | | | | | 45 | 0.24 |
| S1 | 11/25/1994 | 150 | | *ND* | | *ND* | 4.8 | 0.00019 | | 369 | 0.0095 | 790 | 0.017 | | | | | | 360 | 5.4 |
| S1 | 3/28/1995 | 210 | 0.16 | *ND* | | *ND* | 5.2 | *ND* | | 62 | *ND* | 670 | 0.005 | | | | | | 350 | 0.082 |
| S1 | 11/2/1995 | 142 | 0.3 | 0.05 | | *ND* | < 1 | *ND* | | 2 | *ND* | 292 | *ND* | | | | | | 174 | 0.27 |
| S1 | 4/1/1996 | 229 | 0.18 | 0.03 | | *ND* | 2 | *ND* | | 52 | 0.03 | 637 | *ND* | | | | | | 302 | 0.12 |
| S1 | 5/1/1997 | 197 | 0.13 | 0.02 | | *ND* | 9 | *ND* | | 6 | 0.02 | 398 | 0.006 | | | | | | 225 | 0.19 |
| S1 | 12/1/1997 | 154 | 0.13 | 0.03 | | *ND* | | *ND* | 54 | 15 | *ND* | 356 | *ND* | | 8.4 | | | | 168 | 0.1 |
| S1 | 4/7/1999 | 125 | *ND* | *ND* | | *ND* | 2 | *ND* | | 12 | *ND* | 300 | | | | | | | 152 | 0.01 |
| S1 | 5/2/2000 | 194 | *ND* | *ND* | | *ND* | *ND* | *ND* | | 21 | *ND* | 458 | | | | | | | 229 | 0.11 |
| S1 | 11/10/2000 | 222 | 0.27 | 0.04 | | *ND* | *ND* | *ND* | | 68 | *ND* | 703 | | | | | | | | 0.22 |
| S1 | 11/30/2001 | 78 | 0.48 | 0.25 | | *ND* | 1 | *ND* | | 3 | *ND* | 175 | | | | | | | | 0.32 |
| S1 | 4/29/2002 | 114 | 0.36 | 0.21 | | *ND* | 1 | 0.0001 | | 9 | *ND* | 265 | | | | | 7.84 | 5 | | 0.28 |
| S1 | 5/15/2003 | 180 | < 0.03 | 0.11 | | < 0.001 | < 1 | < 0.0001 | | 28 | < 0.005 | 449 | | | | | | | | 0.16 |
| S1 | 10/24/2003 | 101 | 0.4 | 0.04 | | < 0.001 | 3 | < 0.0001 | 36 | 8 | 0.002 | 261 | | | 12.2 | | 7.94 | 3.9 | 119 | 0.31 |
| S1 | 4/23/2004 | 180 | 0.03 | < 0.02 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 59 | 6 | 0.002 | 346 | 0.002 | | 7.2 | 8.3 | 7.5 | 11.1 | 180 | 0.26 |
| S1 | 4/25/2005 | 129 | 0.05 | < 0.02 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 50 | 4 | 0.002 | 245 | < 0.001 | < 0.005 | 7.6 | 262 | 8.29 | 6.8 | 150 | 0.07 |
| S1 | 10/28/2005 | | 0.05 | | < 0.001 | < 0.001 | | < 0.0001 | 54 | | < 0.001 | | 0.002 | < 0.005 | | 289 | 7.27 | 5.06 | 160 | 0.09 |
| S1 | 5/1/2006 | 189 | 0.31 | 0.03 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 59 | 2 | < 0.001 | 350 | < 0.001 | < 0.005 | 6.5 | 372 | 7.42 | 13.8 | 180 | < 0.03 |
| S1 | 11/14/2006 | 121 | 0.2 | < 0.02 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 39 | 3 | < 0.001 | 245 | 0.003 | < 0.005 | 7.1 | 235 | 7.72 | 7.73 | 118 | 0.29 |
| S1 | 4/17/2007 | 102 | 0.16 | 0.1 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 33 | 1 | < 0.001 | 205 | 0.001 | < 0.005 | 4 | 204 | 8.11 | 6.37 | 99 | 0.11 |
| S1 | 5/15/2008 | 167 | 0.06 | < 0.15 | < 0.001 | < 0.0006 | < 2 | < 0.0001 | 56 | < 1 | < 0.005 | 320 | < 0.002 | < 0.002 | 8.5 | 333 | 7.73 | 17.62 | 160 | 0.22 |
| S1 | 11/17/2008 | 118 | 0.47 | < 0.15 | < 0.001 | < 0.0006 | < 2 | < 0.0001 | 44 | 4 | < 0.005 | 250 | 0.004 | < 0.002 | 8.4 | 234 | 7.38 | 3.4 | 110 | 0.35 |
| S2 | 4/24/1989 | 171 | | 0.005 | | | | | | 31 | | 460 | | | | | | | 220 | 0.06 |
| S2 | 5/12/1989 | 180 | | 0.02 | | | | | | 26 | | 460 | | | | | | | 230 | 0.24 |
| S2 | 5/10/1990 | 219 | | *ND* | | | | | 70 | 16.9 | | 438 | | | | | | | | *ND* |
| S2 | 10/1/1990 | 306 | | *ND* | | | | | 86 | 145 | | 1039 | | | | | | | | 0.26 |
| S2 | 11/27/1992 | 170 | | 0.04 | | *ND* | *ND* | *ND* | 60 | 8 | *ND* | 368 | 0.006 | | | | | | | 0.01 |
| S2 | 4/30/1993 | | | 0.01 | | *ND* | *ND* | *ND* | | 20 | 0.03 | 460 | *ND* | | | | | | | 0.26 |
| S2 | 5/1/1994 | 220 | | *ND* | | *ND* | 2.7 | *ND* | | 29.8 | *ND* | 560 | 0.01 | | | | | | 280 | 0.17 |
| S2 | 3/28/1995 | 150 | 0.16 | *ND* | | *ND* | 3.4 | *ND* | | 26.8 | *ND* | 410 | 0.0089 | | | | | | 220 | 0.13 |
| S2 | 11/2/1995 | 116 | 0.49 | 0.04 | | *ND* | 1 | *ND* | | 15 | 0.03 | 321 | *ND* | | | | | | 166 | 0.51 |
| S2 | 4/1/1996 | 98 | | *ND* | | | *ND* | | | 11 | | 244 | | | | | | | 118 | |
| S2 | 5/1/1997 | 189 | 0.11 | 0.02 | | *ND* | 7 | *ND* | | 5 | *ND* | 385 | *ND* | | | | | | 216 | 0.17 |
| S2 | 11/1/1997 | 214 | 0.15 | *ND* | | *ND* | *ND* | *ND* | | 3 | *ND* | 495 | | | | | | | 261 | 0.11 |
| S2 | 12/1/1997 | 153 | 0.08 | *ND* | | *ND* | | *ND* | 54 | 15 | *ND* | 357 | *ND* | | 8.1 | | | | 168 | 0.09 |
| S2 | 5/12/1998 | 289 | 0.07 | 0.05 | | *ND* | | *ND* | | 8 | *ND* | 605 | *ND* | | | | | | 314 | 0.69 |
| S2 | 4/7/1999 | 113 | *ND* | *ND* | | *ND* | *ND* | *ND* | | 12 | *ND* | 277 | | | | | | | 137 | 0.05 |
| S2 | 5/2/2000 | 192 | *ND* | *ND* | | *ND* | 2 | *ND* | | 22 | *ND* | 447 | | | | | | | 229 | 0.09 |
| S2 | 11/10/2000 | 192 | *ND* | 0.02 | | *ND* | *ND* | *ND* | | 26 | *ND* | 463 | | | | | | | | 0.26 |
| S2 | 5/24/2001 | 162 | *ND* | 0.08 | | *ND* | 4 | *ND* | 62 | 17 | *ND* | 495 | | | | | | | 192 | 0.34 |
| S2 | 11/30/2001 | 89 | 0.33 | 0.16 | | *ND* | *ND* | *ND* | | 13 | *ND* | 257 | | | | | | | | 0.22 |
| S2 | 4/29/2002 | 127 | 0.33 | 0.22 | | *ND* | 1 | *ND* | | 10 | 0.001 | 300 | | | | | 7.91 | 5 | | 0.26 |
| S2 | 12/20/2002 | 99 | 0.13 | 0.12 | | *ND* | 3 | *ND* | | 43 | *ND* | 398 | | | | | 8.06 | 1.6 | | 0.1 |
| S2 | 5/15/2003 | 184 | 0.04 | 0.05 | | < 0.001 | < 1 | < 0.0001 | | 26 | < 0.005 | 450 | | | | | | | | 0.16 |
| S2 | 10/24/2003 | 127 | 0.07 | 0.03 | | < 0.001 | 1 | < 0.0001 | 68 | 46 | 0.002 | 445 | | | 11 | | 7.84 | 1.7 | 207 | 0.08 |
| S2 | 4/23/2004 | 188 | 0.09 | 0.03 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 70 | 25 | 0.002 | 444 | 0.001 | | 12.1 | 8.8 | 7.73 | 10.9 | 212 | 0.15 |
| S2 | 11/9/2004 | 188 | 0.01 | < 0.02 | < 0.001 | < 0.001 | 2 | < 0.0001 | 81 | 35 | < 0.001 | 506 | 0.002 | < 0.005 | 19.8 | | 7.46 | 0.7 | 243 | 0.26 |
| S2 | 4/25/2005 | 178 | 0.04 | < 0.02 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 79 | 22 | 0.002 | 403 | < 0.001 | < 0.005 | 10.3 | 403 | 8.19 | 7.2 | 238 | 0.08 |
| S2 | 10/28/2005 | | 0.05 | | < 0.001 | < 0.001 | | < 0.0001 | 63 | | 0.001 | | 0.002 | < 0.005 | | 360 | 7.47 | 5.02 | 190 | 0.08 |
| S2 | 5/1/2006 | 214 | 0.04 | 0.03 | < 0.001 | < 0.001 | 1 | < 0.0001 | 75 | 33 | 0.002 | 491 | 0.001 | 0.01 | 16 | 509 | 7.57 | 21.6 | 224 | 0.18 |
| S2 | 11/14/2006 | 161 | 0.05 | < 0.02 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 59 | 27 | 0.001 | 416 | 0.002 | < 0.005 | 9.3 | 415 | 7.39 | 7.32 | 180 | 0.07 |
| S2 | 4/17/2007 | 128 | 0.1 | < 0.02 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 47 | 17 | < 0.001 | 319 | 0.001 | < 0.005 | 5.4 | 325 | 7.79 | 5.12 | 142 | 0.07 |
| S2 | 5/15/2008 | 193 | 0.14 | < 0.15 | < 0.001 | < 0.0006 | 2 | < 0.0001 | 78 | 22 | < 0.005 | 430 | < 0.002 | < 0.002 | 20.2 | 424 | 7.62 | 14.7 | 200 | 0.31 |
| S2 | 11/17/2008 | 166 | 0.12 | < 0.15 | < 0.001 | < 0.0006 | < 2 | < 0.0001 | 64 | 28 | < 0.005 | 427 | 0.003 | < 0.002 | 14 | 447 | 7.31 | 3.8 | 170 | 0.11 |

| Surface Water Location | Sampling Date | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Arsenic mg/L | Beryllium mg/L | Biochemical Oxygen Demand mg/L | Cadmium mg/L | Calcium mg/L | Chloride mg/L | Chromium mg/L | Conductivity us/cm | Copper mg/L | Cyanide (free) mg/L | Dissolved Organic Carbon mg/L | Field Conductivity us/cm | Field pH unitless | Field Temperature °C | Hardness mg/L | Iron mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S3 | 4/24/1989 | 171 | | 0.005 | | | | | | 31 | | 460 | | | | | | | 210 | 0.04 |
| S3 | 5/12/1989 | 182 | | 0.012 | | | | | | 27 | | 470 | | | | | | | 230 | 0.08 |
| S3 | 5/10/1990 | 217 | | ND | | | | | 73 | 15 | | 432 | | | | | | | | 0.12 |
| S3 | 10/1/1990 | 280 | | ND | | | | | 83 | 142 | | 954 | | | | | | | | 0.19 |
| S3 | 7/29/1992 | 272 | | 0.45 | | ND | 1 | ND | 93 | 43 | ND | 852 | ND | | | | | | | 0.09 |
| S3 | 11/27/1992 | 148 | | 0.02 | | ND | ND | ND | 51 | 8 | ND | 321 | 0.009 | | | | | 5.2 | | 0.68 |
| S3 | 4/30/1993 | | | 0.02 | | ND | 1 | 0.00029 | | 16 | ND | 452 | ND | | | | | 12.1 | | 0.23 |
| S3 | 5/1/1994 | 210 | | ND | | ND | 2.1 | ND | | 24.8 | ND | 270 | 0.011 | | | | | 19.5 | 310 | 0.1 |
| S3 | 11/25/1994 | 200 | | ND | | ND | ND | ND | | 93.5 | 0.00045 | 820 | 0.0069 | | | | | | 700 | 0.16 |
| S3 | 3/28/1995 | 150 | 0.036 | ND | | ND | 2.8 | ND | | 23.5 | ND | 420 | 0.0028 | | | | | | 220 | 0.064 |
| S3 | 11/2/1995 | 155 | 0.46 | 0.02 | | ND | 1 | ND | | 22 | ND | 421 | ND | | | | | 10 | 224 | 0.44 |
| S3 | 4/1/1996 | 101 | | ND | | | ND | | | 10 | | 250 | | | | | | | 126 | |
| S3 | 5/1/1997 | 166 | 0.14 | ND | | ND | 7 | | | 15 | 0.03 | 371 | ND | | | | | | 190 | 0.12 |
| S3 | 11/1/1997 | 135 | 0.16 | 0.02 | | ND | 1 | ND | | 17 | 0.01 | 392 | | | | | | | 180 | 0.16 |
| S3 | 12/1/1997 | 160 | 0.12 | 0.02 | | ND | | ND | 56 | 18 | ND | 380 | ND | | 8 | | | | 173 | 0.07 |
| S3 | 5/12/1998 | 279 | ND | 0.05 | | ND | | ND | | 19 | ND | 606 | ND | | | | | | 302 | 0.39 |
| S3 | 12/23/1998 | 187 | 0.66 | 0.07 | | | 2 | ND | | 72 | ND | 710 | | | | | | | 281 | 0.1 |
| S3 | 4/7/1999 | 114 | ND | ND | | ND | ND | ND | | 11 | ND | 287 | | | | | | | 140 | 0.03 |
| S3 | 5/2/2000 | 212 | ND | ND | | ND | 2 | ND | | 25 | ND | 501 | | | | | | | 249 | 0.09 |
| S3 | 11/10/2000 | 234 | 0.12 | 0.02 | | ND | ND | ND | | 36 | ND | 583 | | | | | | | | 0.23 |
| S3 | 5/24/2001 | 286 | 0.06 | 0.06 | | ND | 6 | ND | 97 | 38 | ND | 689 | | | | | | | 312 | 0.41 |
| S3 | 11/30/2001 | 114 | 0.43 | 0.17 | | ND | ND | ND | | 21 | ND | 360 | | | | | | | | 0.3 |
| S3 | 4/29/2002 | 133 | 0.46 | 0.09 | | ND | ND | ND | | 17 | 0.003 | 327 | | | | | 7.93 | 6.5 | | 0.34 |
| S3 | 12/20/2002 | 147 | 0.55 | 0.2 | | ND | 3 | ND | | 44 | ND | 511 | | | | | 7.98 | 0.7 | | 0.4 |
| S3 | 5/15/2003 | 194 | 0.09 | 0.04 | | < 0.001 | < 1 | < 0.0001 | | 28 | < 0.005 | 477 | | | | | | | | 0.15 |
| S3 | 10/24/2003 | 186 | 0.1 | < 0.02 | | < 0.001 | < 1 | < 0.0001 | 88 | 39 | 0.002 | 584 | | | 7.7 | | 8.25 | 2.5 | 277 | 0.11 |
| S3 | 4/23/2004 | 202 | 0.03 | < 0.02 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 73 | 26 | 0.002 | 481 | 0.001 | | 9.7 | 8.3 | 8.28 | 8.6 | 228 | 0.11 |
| S3 | 11/9/2004 | 225 | < 0.01 | 0.2 | < 0.001 | < 0.001 | 2 | < 0.0001 | 95 | 37 | < 0.001 | 595 | 0.002 | < 0.005 | 12.9 | | 8.33 | 1.7 | 295 | 0.17 |
| S3 | 4/25/2005 | 185 | 0.04 | 0.07 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 80 | 29 | 0.002 | 441 | < 0.001 | < 0.005 | 9.3 | 458 | 8.75 | 6.4 | 249 | 0.09 |
| S3 | 10/28/2005 | | 0.05 | | < 0.001 | < 0.001 | | < 0.0001 | 74 | | 0.001 | | 0.002 | < 0.005 | | 544 | 7.59 | 4.95 | 242 | 0.09 |
| S3 | 5/1/2006 | 231 | 0.2 | < 0.02 | | < 0.001 | 2 | < 0.0001 | 79 | 34 | 0.002 | 546 | 0.001 | 0.009 | 11.5 | 560 | 7.85 | 15.7 | 247 | 0.09 |
| S3 | 11/14/2006 | 167 | 0.54 | < 0.02 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 58 | 23 | 0.002 | 428 | 0.002 | < 0.005 | 7 | 458 | 7.74 | 6.7 | 178 | 0.36 |
| S3 | 4/17/2007 | 135 | 0.22 | 0.11 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 49 | 20 | 0.001 | 350 | 0.001 | < 0.005 | 5.6 | 347 | 8.76 | 2.76 | 151 | 0.16 |
| S3 | 11/7/2007 | 295 | < 0.01 | 0.13 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 134 | 71 | 0.006 | 995 | < 0.001 | < 0.005 | 3.7 | 1008 | 7.73 | 8.53 | 438 | 0.49 |
| S3 | 5/15/2008 | 214 | 0.081 | < 0.15 | < 0.001 | < 0.0006 | < 2 | < 0.0001 | 78 | 26 | < 0.005 | 498 | < 0.002 | < 0.002 | 13.7 | 499 | 7.92 | 15.7 | 230 | 0.22 |
| S3 | 11/17/2008 | 175 | 0.32 | < 0.15 | < 0.001 | < 0.0006 | < 2 | < 0.0001 | 67 | 25 | < 0.005 | 443 | 0.002 | < 0.002 | 12.5 | 450 | 7.83 | 5 | 180 | 0.23 |
| S4 | 11/27/1992 | 200 | | 0.05 | | ND | ND | ND | 72 | 14 | ND | 448 | ND | | | | | 5.4 | | 0.45 |
| S4 | 4/30/1993 | | | 0.02 | | ND | ND | ND | | 72 | ND | 818 | < 0.008 | | | | | 10.9 | | 0.27 |
| S4 | 5/1/1994 | 200 | | ND | | ND | 6.1 | ND | | 75.2 | ND | 640 | 0.013 | | | | | 22.6 | 220 | 0.6 |
| S4 | 11/25/1994 | 420 | | ND | | ND | 5.7 | 0.0008 | | 169 | 0.00213 | 1300 | 0.0085 | | | | | | 610 | 0.73 |
| S4 | 3/28/1995 | 280 | 0.11 | ND | | ND | 3.6 | ND | | 148 | ND | 1120 | 0.0024 | | | | | | 570 | 0.082 |
| S4 | 11/2/1995 | 191 | 0.36 | 0.03 | | ND | 7 | ND | | 54 | ND | 615 | ND | | | | | 10 | 337 | 0.4 |
| S4 | 5/1/1997 | 216 | 0.12 | 0.02 | | ND | 5 | | | 20 | ND | 505 | ND | | | | | | 266 | 0.11 |
| S4 | 12/1/1997 | 240 | 0.24 | ND | | ND | | ND | 94 | 41 | ND | 624 | ND | | 5.9 | | | | 301 | ND |
| S4 | 3/5/1999 | 109 | 0.62 | 0.82 | | ND | 5 | ND | | 28 | ND | 307 | | | | | | | 138 | 0.42 |
| S4 | 4/7/1999 | 280 | 0.26 | ND | | ND | ND | ND | | 208 | 0.23 | 1240 | | | | | | | 573 | 0.55 |
| S4 | 11/10/2000 | 374 | ND | ND | | ND | ND | ND | | 203 | ND | 1400 | | | | | | | | 0.07 |
| S4 | 5/24/2001 | 445 | ND | 0.05 | | ND | 1 | ND | 171 | 197 | ND | 1420 | | | | | | | 576 | 0.17 |
| S4 | 11/30/2001 | 229 | 0.14 | 0.13 | | ND | ND | ND | 131 | 109 | ND | 950 | 0.003 | | | | | | | 0.11 |
| S4 | 4/29/2002 | | ND | 0.06 | | ND | 1 | 0.0005 | 52 | 9 | 0.005 | 362 | ND | | | | | 6.1 | | 0.25 |
| S4 | 12/20/2002 | 218 | 0.29 | 0.05 | | ND | 3 | ND | | 163 | ND | 1050 | | | | | 7.82 | 0.4 | | 0.27 |
| S4 | 5/15/2003 | 296 | 0.04 | 0.03 | | < 0.001 | < 1 | < 0.0001 | | 94 | < 0.005 | 900 | | | | | | | | 0.06 |
| S4 | 4/23/2004 | 267 | 0.06 | < 0.02 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 101 | 58 | 0.003 | 717 | 0.001 | | 6 | 10.9 | 8.03 | 6.6 | 318 | 0.09 |
| S4 | 11/9/2004 | | | | | | | | | | | | | | | | | | | |
| S4 | 4/25/2005 | 232 | 0.52 | 0.03 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 113 | 28 | 0.002 | 527 | 0.001 | < 0.005 | 6.7 | 534 | 8.24 | 6.4 | 352 | 0.05 |
| S4 | 10/28/2005 | | 0.04 | | < 0.001 | < 0.001 | | < 0.0001 | 205 | | 0.003 | | 0.001 | < 0.005 | | 1588 | 7.68 | 5.49 | 652 | < 0.03 |
| S4 | 5/1/2006 | 357 | 0.03 | 0.02 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 161 | 250 | 0.006 | 1490 | < 0.001 | 0.022 | 4.8 | 1535 | 7.43 | 9.9 | 521 | < 0.03 |
| S4 | 11/14/2006 | 242 | 0.05 | < 0.02 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 82 | 44 | 0.001 | 646 | 0.001 | < 0.005 | 5.7 | 663 | 7.58 | 7.43 | 258 | 0.05 |
| S4 | 4/17/2007 | 175 | 0.09 | 0.2 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 58 | 15 | < 0.001 | 398 | 0.003 | < 0.005 | 4.7 | 388 | 7.79 | 3 | 182 | 0.07 |
| S4 | 11/17/2008 | 319 | 0.11 | < 0.15 | < 0.001 | < 0.0006 | < 2 | < 0.0001 | 130 | 130 | < 0.005 | 1080 | 0.002 | < 0.002 | 6.4 | 1104 | 7.6 | 4.7 | 330 | < 0.1 |

| Surface Water Location | Sampling Date | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Arsenic mg/L | Beryllium mg/L | Biochemical Oxygen Demand mg/L | Cadmium mg/L | Calcium mg/L | Chloride mg/L | Chromium mg/L | Conductivity us/cm | Copper mg/L | Cyanide (free) mg/L | Dissolved Organic Carbon mg/L | Field Conductivity us/cm | Field pH unitless | Field Temperature °C | Hardness mg/L | Iron mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S5 | 11/25/1994 | 160 | | *ND* | | *ND* | *ND* | 0.00017 | | 19.7 | 0.00146 | 410 | 0.0099 | | | | | | 200 | 0.52 |
| S5 | 3/28/1995 | 180 | 0.013 | *ND* | | *ND* | 3.3 | 0.00012 | | 15.8 | *ND* | 440 | 0.0042 | | | | | | 250 | *ND* |
| S5 | 11/2/1995 | 207 | 0.34 | 0.04 | | *ND* | 1 | *ND* | | 44 | *ND* | 626 | *ND* | | | | | 8.5 | 298 | 0.42 |
| S5 | 4/1/1996 | 174 | | *ND* | | | *ND* | | | 7 | | 378 | | | | | | | 196 | |
| S5 | 5/1/1997 | 200 | 0.25 | 0.02 | | *ND* | 8 | | | 6 | 0.02 | 406 | *ND* | | | | | | 223 | 0.18 |
| S5 | 11/1/1997 | 212 | 0.06 | 0.09 | | *ND* | *ND* | *ND* | | 21 | *ND* | 606 | | | | | | | 299 | 0.06 |
| S5 | 12/1/1997 | 331 | 0.32 | 0.09 | | *ND* | | *ND* | 129 | 59 | *ND* | 852 | *ND* | | 9.3 | | | | 397 | 0.1 |
| S5 | 5/12/1998 | 280 | 0.87 | 1.13 | | *ND* | | *ND* | | 4 | *ND* | 587 | *ND* | | | | | | 310 | 0.71 |
| S5 | 4/7/1999 | 158 | *ND* | *ND* | | *ND* | 2 | *ND* | | 8 | *ND* | 353 | | | | | | | 186 | 0.01 |
| S5 | 5/2/2000 | 225 | 0.15 | *ND* | | *ND* | 2 | *ND* | | 15 | *ND* | 501 | | | | | | | 271 | 0.17 |
| S5 | 11/10/2000 | 186 | 0.21 | 0.03 | | *ND* | *ND* | *ND* | | 22 | *ND* | 473 | | | | | | | | 0.17 |
| S5 | 11/30/2001 | 122 | 0.38 | 0.16 | | *ND* | 2 | *ND* | 51 | 15 | *ND* | 372 | *ND* | | | | | | | 0.27 |
| S5 | 4/29/2002 | 141 | 0.4 | 0.09 | | *ND* | *ND* | 0.0002 | 43 | 1 | 1 | 291 | *ND* | | | | 8.18 | 6.9 | | 0.31 |
| S5 | 12/20/2002 | 184 | 0.27 | 0.75 | | *ND* | 5 | *ND* | | 17 | *ND* | 490 | | | | | 7.98 | 0.7 | | 0.32 |
| S5 | 5/15/2003 | 230 | 0.19 | 0.04 | | < 0.001 | < 1 | < 0.0001 | | 3 | < 0.005 | 441 | | | | | | | | 0.19 |
| S5 | 11/18/2003 | 212 | 0.03 | 0.04 | | < 0.001 | < 1 | < 0.0001 | 74 | 8 | 0.001 | 452 | | | 5.3 | | | | 230 | 0.03 |
| S5 | 4/23/2004 | 225 | 0.02 | 0.03 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 75 | 3 | 0.002 | 426 | 0.001 | | 7.2 | 12.9 | 8.09 | 8.4 | 237 | 0.07 |
| S5 | 11/9/2004 | | | | | | | | | | | | | | | | | | | |
| S5 | 4/25/2005 | 216 | 0.37 | 0.05 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 84 | 2 | 0.001 | 407 | < 0.001 | < 0.005 | 7.2 | 410 | 8.55 | 8.7 | 263 | 0.04 |
| S5 | 5/1/2006 | 256 | 0.23 | 0.05 | < 0.001 | < 0.001 | 1 | < 0.0001 | 74 | 3 | 0.002 | 476 | 0.001 | 0.005 | 9 | 492 | 7.66 | 20.5 | 242 | 0.08 |
| S5 | 11/14/2006 | 210 | 0.08 | < 0.02 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 65 | 3 | < 0.001 | 422 | 0.001 | < 0.005 | 6.3 | 424 | 7.72 | 7.27 | 203 | 0.07 |
| S5 | 4/17/2007 | 160 | 0.03 | < 0.02 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 50 | 1 | < 0.001 | 311 | < 0.001 | < 0.005 | 4.3 | 304 | 7.89 | 3.85 | 158 | < 0.03 |
| S5 | 5/15/2008 | 241 | 0.55 | < 0.15 | < 0.001 | < 0.0006 | < 2 | < 0.0001 | 82 | 2 | < 0.005 | 446 | < 0.002 | < 0.002 | 7 | 458 | 7.6 | 13.8 | 230 | 0.56 |
| S5 | 11/17/2008 | 216 | 0.14 | < 0.15 | < 0.001 | < 0.0006 | < 2 | < 0.0001 | 75 | 3 | < 0.005 | 442 | < 0.002 | < 0.002 | 8.8 | 468 | 7.63 | 4 | 210 | < 0.1 |
| S6 | 4/30/1993 | | | 0.04 | | *ND* | *ND* | *ND* | | 15 | *ND* | 458 | *ND* | | | | | | | 0.26 |
| S6 | 5/1/1994 | 200 | | *ND* | | *ND* | 4.7 | *ND* | | 24.7 | *ND* | 540 | 0.0096 | | | | | 22 | 300 | 0.15 |
| S6 | 11/25/1994 | 200 | | *ND* | | *ND* | *ND* | *ND* | | 105 | 0.00068 | 810 | 0.0073 | | | | | | 300 | 0.39 |
| S6 | 3/28/1995 | 150 | 0.12 | *ND* | | *ND* | 3.3 | *ND* | | 23.8 | *ND* | 400 | 0.0029 | | | | | | 220 | *ND* |
| S6 | 11/2/1995 | 136 | 0.59 | *ND* | | *ND* | 1 | *ND* | | 17 | 0.01 | 371 | 0.005 | | | | | 7.5 | 194 | 0.68 |
| S6 | 4/1/1996 | 107 | | *ND* | | | *ND* | | | 9 | | 243 | | | | | | | 110 | |
| S6 | 4/30/1996 | | | | | | | | | | | | | | | | | 12.5 | | |
| S6 | 5/1/1997 | 158 | 0.2 | 0.03 | | *ND* | 0.02 | | | 14 | *ND* | 357 | *ND* | | | | | | 188 | 0.19 |
| S6 | 11/1/1997 | 127 | 0.17 | 0.02 | | *ND* | *ND* | *ND* | | 16 | *ND* | 371 | | | | | | | 175 | 0.16 |
| S6 | 12/1/1997 | 153 | 0.14 | 0.03 | | *ND* | | *ND* | 54 | 16 | *ND* | 373 | *ND* | | 8.8 | | | | 168 | 0.09 |
| S6 | 5/12/1998 | 272 | 0.24 | 0.12 | | *ND* | | *ND* | | 13 | *ND* | 568 | *ND* | | | | | | 290 | 1.83 |
| S6 | 12/23/1998 | 174 | 0.41 | 0.38 | | | 4 | *ND* | | 61 | *ND* | 648 | | | | | | | 270 | 0.2 |
| S6 | 4/7/1999 | 112 | *ND* | *ND* | | *ND* | 7 | *ND* | | 10 | *ND* | 264 | | | | | | | 132 | *ND* |
| S6 | 5/2/2000 | 202 | 0.03 | *ND* | | *ND* | *ND* | *ND* | | 19 | *ND* | 466 | | | | | | | 240 | 0.11 |
| S6 | 11/10/2000 | 218 | 0.07 | 0.02 | | *ND* | *ND* | *ND* | | 16 | *ND* | 464 | | | | | | | | 0.22 |
| S6 | 5/24/2001 | 259 | *ND* | 0.13 | | *ND* | 2 | *ND* | 73 | 12 | *ND* | 536 | | | | | | | 236 | 1.89 |
| S6 | 11/30/2001 | 100 | 0.47 | 0.07 | | *ND* | *ND* | *ND* | | 14 | *ND* | 295 | | | | | | | | 0.34 |
| S6 | 4/29/2002 | 132 | 0.46 | 0.02 | | *ND* | 2 | 0.0003 | | 17 | 0.003 | 326 | | | | | 7.93 | 5.3 | | 0.35 |
| S6 | 12/20/2002 | 143 | 0.56 | 1.29 | | *ND* | 4 | *ND* | | 49 | *ND* | 515 | | | | | 7.78 | 0.7 | | 0.33 |
| S6 | 5/15/2003 | 188 | 0.11 | 0.06 | | < 0.001 | < 1 | < 0.0001 | | 23 | < 0.005 | 447 | | | | | | | | 0.19 |
| S6 | 10/24/2003 | 164 | 0.11 | < 0.02 | | < 0.001 | 1 | < 0.0001 | 83 | 38 | 0.002 | 509 | | | 9.1 | | 7.93 | 1.9 | 261 | 0.08 |
| S6 | 4/23/2004 | 197 | 0.12 | 0.03 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 70 | 23 | 0.002 | 452 | 0.001 | | 9.8 | 10.6 | 7.84 | 9.7 | 216 | 0.14 |
| S6 | 11/9/2004 | 205 | < 0.01 | < 0.02 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 88 | 31 | 0.001 | 531 | 0.002 | < 0.005 | 15.6 | | 7.79 | 0.7 | 269 | 0.31 |
| S6 | 4/25/2005 | 182 | 0.19 | 0.13 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 90 | 26 | < 0.001 | 436 | 0.002 | < 0.005 | 10.1 | 445 | 8.15 | 7.5 | 274 | 0.69 |
| S6 | 10/28/2005 | | 0.09 | | < 0.001 | < 0.001 | | < 0.0001 | 64 | | 0.001 | | 0.002 | < 0.005 | | 424 | 7.61 | 4.56 | 209 | 0.08 |
| S6 | 5/1/2006 | 220 | 0.03 | 0.06 | < 0.001 | < 0.001 | 1 | < 0.0001 | 75 | 29 | < 0.001 | 488 | 0.001 | 0.006 | 13.7 | 505 | 7.56 | 18.9 | 228 | 0.07 |
| S6 | 11/14/2006 | 160 | 0.35 | < 0.02 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 61 | 19 | 0.001 | 391 | 0.001 | < 0.005 | 7.9 | 396 | 7.61 | 7.06 | 185 | 0.24 |
| S6 | 4/17/2007 | 134 | 0.2 | 0.11 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 48 | 17 | < 0.001 | 332 | 0.001 | < 0.005 | 5.6 | 293 | 7.94 | 5.11 | 149 | 0.14 |
| S6 | 5/15/2008 | 205 | 0.13 | < 0.15 | < 0.001 | < 0.0006 | < 2 | < 0.0001 | 74 | 19 | < 0.005 | 441 | < 0.002 | < 0.002 | 13.6 | 447 | 7.62 | 16.4 | 210 | 0.3 |
| S6 | 11/17/2008 | 171 | 0.35 | < 0.15 | < 0.001 | < 0.0006 | < 2 | < 0.0001 | 66 | 24 | < 0.005 | 432 | 0.003 | < 0.002 | 12.6 | 455 | 7.57 | 3.9 | 180 | 0.25 |

| Surface Water Location | Sampling Date | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Arsenic mg/L | Beryllium mg/L | Biochemical Oxygen Demand mg/L | Cadmium mg/L | Calcium mg/L | Chloride mg/L | Chromium mg/L | Conductivity us/cm | Copper mg/L | Cyanide (free) mg/L | Dissolved Organic Carbon mg/L | Field Conductivity us/cm | Field pH unitless | Field Temperature °C | Hardness mg/L | Iron mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S7 | 5/1/1994 | 200 | | *ND* | | *ND* | *ND* | *ND* | | 24.7 | *ND* | 550 | 0.0088 | | | | | 21.8 | 310 | 0.12 |
| S7 | 11/25/1994 | 160 | | 0.0005 | | *ND* | 2.6 | *ND* | | 62.3 | 0.00236 | 750 | 0.013 | | | | | | 300 | 0.66 |
| S7 | 3/28/1995 | 150 | 0.016 | *ND* | | *ND* | 2.3 | *ND* | | 24.3 | *ND* | 410 | 0.0069 | | | | | | 210 | *ND* |
| S7 | 11/2/1995 | 149 | 0.43 | 0.05 | | *ND* | *ND* | *ND* | | 52 | *ND* | 495 | 0.005 | | | | | 9.5 | 230 | 0.46 |
| S7 | 4/1/1996 | 110 | 0.15 | 0.03 | | *ND* | *ND* | *ND* | | 11 | 0.05 | 254 | *ND* | | | | | | 121 | 0.05 |
| S7 | 5/1/1997 | 166 | 0.16 | *ND* | | *ND* | 7 | | | 17 | 0.02 | 374 | *ND* | | | | | | 193 | 0.16 |
| S7 | 11/1/1997 | 134 | 0.16 | *ND* | | *ND* | *ND* | *ND* | | 22 | *ND* | 397 | | | | | | | 190 | 0.16 |
| S7 | 12/1/1997 | 148 | 0.09 | *ND* | | *ND* | | *ND* | 54 | 18 | *ND* | 367 | *ND* | | 8.6 | | | | 168 | 0.09 |
| S7 | 5/12/1998 | 270 | 0.09 | 0.07 | | *ND* | | *ND* | | 14 | *ND* | 572 | *ND* | | | | | | 293 | 1.22 |
| S7 | 12/23/1998 | 176 | 0.33 | 0.22 | | | 2 | *ND* | | 71 | *ND* | 685 | | | | | | | 282 | 0.14 |
| S7 | 4/7/1999 | 113 | *ND* | *ND* | | *ND* | 2 | *ND* | | 11 | *ND* | 270 | | | | | | | 132 | 0.01 |
| S7 | 5/2/2000 | 199 | *ND* | *ND* | | *ND* | *ND* | *ND* | | 20 | *ND* | 466 | | | | | | | 238 | 0.1 |
| S7 | 11/10/2000 | 219 | 0.06 | 0.02 | | *ND* | *ND* | *ND* | | 19 | *ND* | 482 | | | | | | | | 0.22 |
| S7 | 5/24/2001 | 266 | *ND* | 0.08 | | *ND* | 3 | *ND* | 90 | 18 | *ND* | 578 | | | | | | | 287 | 0.55 |
| S7 | 11/30/2001 | 104 | 0.51 | 0.07 | | *ND* | *ND* | *ND* | | 18 | *ND* | 317 | | | | | | | | 0.36 |
| S7 | 4/29/2002 | 131 | 0.6 | 0.09 | | *ND* | 2 | 0.0001 | | 14 | 0.001 | 317 | | | | | 7.95 | 5.3 | | 0.48 |
| S7 | 12/20/2002 | 143 | 0.7 | 1.29 | | *ND* | 4 | *ND* | | 54 | *ND* | 527 | | | | | 7.79 | 0.5 | | 0.41 |
| S7 | 5/15/2003 | 190 | 0.11 | 0.05 | | < 0.001 | < 1 | < 0.0001 | | 28 | < 0.005 | 459 | | | | | | | | 0.17 |
| S7 | 10/24/2003 | 166 | 0.1 | < 0.02 | | < 0.001 | < 1 | < 0.0001 | 82 | 38 | 0.002 | 528 | | | 8.7 | | 8.2 | 2.1 | 258 | 0.07 |
| S7 | 4/23/2004 | 201 | 0.02 | < 0.02 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 72 | 26 | 0.002 | 469 | 0.001 | | 9.6 | 10.2 | 7.9 | 9.2 | 225 | 0.13 |
| S7 | 11/9/2004 | 209 | < 0.01 | < 0.02 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 90 | 34 | < 0.001 | 559 | 0.002 | < 0.005 | 15.3 | | 8.19 | 0.9 | 274 | 0.13 |
| S7 | 4/25/2005 | 182 | 0.05 | 0.04 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 81 | 27 | < 0.001 | 432 | 0.002 | < 0.005 | 9.9 | 449 | 8.5 | 7.5 | 252 | 0.1 |
| S7 | 10/28/2005 | | 0.05 | | < 0.001 | < 0.001 | | < 0.0001 | 70 | | 0.002 | | 0.002 | < 0.005 | | 506 | 7.62 | 4.89 | 232 | 0.07 |
| S7 | 5/1/2006 | 223 | 0.03 | < 0.02 | < 0.001 | < 0.001 | 1 | < 0.0001 | 78 | 38 | 0.001 | 539 | 0.001 | 0.01 | 13.8 | 559 | 7.74 | 18.9 | 240 | 0.07 |
| S7 | 11/14/2006 | 162 | 0.43 | < 0.02 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 62 | 24 | 0.002 | 415 | 0.002 | < 0.005 | 8 | 420 | 7.64 | 7.06 | 192 | 0.3 |
| S7 | 4/17/2007 | 134 | 0.21 | 0.08 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 48 | 18 | < 0.001 | 335 | 0.001 | < 0.005 | 5.6 | 331 | 8.01 | 4.85 | 149 | 0.15 |
| S7 | 11/7/2007 | 67 | < 0.01 | < 0.02 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 53 | 13 | 0.002 | 340 | 0.004 | < 0.005 | 12.8 | | | | 157 | 0.23 |
| S7 | 5/15/2008 | 208 | 0.1 | < 0.15 | < 0.001 | < 0.0006 | 2 | < 0.0001 | 74 | 21 | < 0.005 | 450 | < 0.002 | < 0.002 | 16.3 | 453 | 7.72 | 18.11 | 210 | 0.28 |
| S7 | 11/17/2008 | 177 | 0.33 | < 0.15 | < 0.001 | < 0.0006 | < 2 | < 0.0001 | 67 | 24 | < 0.005 | 440 | 0.003 | < 0.002 | 12.5 | 226 | 7.54 | 3.4 | 170 | 0.23 |
| S8 | 5/1/1994 | 150 | | *ND* | | *ND* | 3.3 | *ND* | | 78.4 | *ND* | 710 | 0.011 | | | | | 22 | 300 | 0.17 |
| S8 | 3/28/1995 | 230 | 0.89 | 0.35 | | *ND* | 5.8 | *ND* | | 49.8 | 0.0017 | 690 | 0.011 | | | | | | 330 | 0.98 |
| S8 | 11/2/1995 | 98 | 1.47 | 0.11 | | *ND* | 2 | *ND* | | 24 | 0.01 | 405 | 0.008 | | | | | 10 | 207 | 2.32 |
| S8 | 4/1/1996 | 164 | 1.15 | 1.55 | | *ND* | 3 | *ND* | | 35 | 0.04 | 489 | 0.007 | | | | | | 204 | 0.77 |
| S8 | 5/1/1997 | 173 | 0.42 | 0.99 | | *ND* | 4 | *ND* | | 51 | | 651 | *ND* | | | | | | 253 | 0.36 |
| S8 | 11/1/1997 | 188 | 0.34 | 1.28 | | *ND* | 4 | *ND* | | 55 | *ND* | 739 | | | | | | | 202 | 0.43 |
| S8 | 12/1/1997 | 238 | 0.32 | 3.43 | | 0.01 | | *ND* | 95 | 80 | *ND* | 902 | *ND* | | 28.9 | | | | 324 | 0.26 |
| S8 | 5/12/1998 | 358 | 0.21 | 0.18 | | *ND* | | *ND* | | 140 | *ND* | 1190 | *ND* | | | | | | 549 | 0.55 |
| S8 | 12/23/1998 | 400 | 1.46 | 20.8 | | | 141 | *ND* | | 257 | *ND* | 2080 | | | | | | | 495 | 2.37 |
| S8 | 4/7/1999 | 374 | 1.29 | 8.29 | | *ND* | 69 | *ND* | | 87 | *ND* | 995 | | | | | | | 384 | 3.11 |
| S8 | 5/2/2000 | 262 | *ND* | 0.11 | | *ND* | *ND* | *ND* | | 77 | *ND* | 829 | | | | | | | 324 | 0.53 |
| S8 | 5/18/2000 | 184 | 0.16 | 0.36 | | *ND* | 4 | *ND* | | 80 | *ND* | 686 | | | | | | | 238 | *ND* |
| S8 | 5/26/2000 | 236 | 0.12 | 0.45 | | *ND* | 3 | *ND* | | 73 | *ND* | 907 | | | | | | | 297 | 0.38 |
| S8 | 6/7/2000 | 237 | 0.1 | 0.27 | | *ND* | 5 | *ND* | | 86 | *ND* | 1000 | | | | | | | 291 | 0.46 |
| S8 | 6/22/2000 | 209 | 1.07 | 1.5 | | *ND* | 13 | *ND* | | 74 | *ND* | 713 | | | | | | | 231 | 1.43 |
| S8 | 6/26/2000 | 252 | *ND* | 1.56 | | *ND* | 7 | *ND* | | 71 | *ND* | 754 | | | | | | | 255 | 1 |
| S8 | 7/31/2000 | 219 | 0.07 | 0.06 | | *ND* | *ND* | *ND* | 84 | 100 | *ND* | 765 | | | | | | | 288 | 0.29 |
| S8 | 8/11/2000 | 149 | 0.72 | 0.36 | | *ND* | | *ND* | 59 | 83 | *ND* | 622 | | | | | | | 193 | 0.72 |
| S8 | 11/10/2000 | 245 | 0.24 | 0.05 | | *ND* | *ND* | *ND* | | 76 | *ND* | 799 | | | | | | | | 0.38 |
| S8 | 5/24/2001 | 280 | 0.16 | 2.29 | | *ND* | 2 | *ND* | 90 | 138 | *ND* | 1010 | | | | | | | *ND* | 0.43 |
| S8 | 11/30/2001 | 191 | 0.68 | 1.68 | | *ND* | 9 | < 0.0001 | 80 | 108 | < 0.003 | 890 | 0.005 | | | | | | | 0.75 |
| S8 | 4/29/2002 | 448 | 1.16 | 28 | | *ND* | 410 | *ND* | 109 | 237 | < 0.003 | 1820 | *ND* | | | | 8.01 | 5 | | 1.57 |
| S8 | 12/20/2002 | 404 | 2.37 | 12.1 | | *ND* | 20 | 0.0007 | | 379 | *ND* | 2180 | | | | | 7.85 | 0.4 | | 3.21 |
| S8 | 5/15/2003 | 281 | 0.31 | 0.51 | | < 0.001 | < 1 | < 0.0001 | | 180 | < 0.005 | 1150 | | | | | | | | 0.72 |
| S8 | 10/24/2003 | 251 | 0.12 | 0.1 | | < 0.001 | 1 | < 0.0001 | 139 | 225 | 0.002 | 1340 | | | 11.4 | | 7.98 | 2.1 | 454 | 0.16 |
| S8 | 4/23/2004 | 280 | 0.22 | 1.17 | < 0.001 | < 0.001 | 3 | < 0.0001 | 96 | 166 | 0.006 | 1170 | 0.004 | | 11.3 | 8.5 | 7.96 | 6.6 | 326 | 0.14 |
| S8 | 11/29/2004 | 173 | 0.26 | < 0.02 | < 0.001 | < 0.001 | 2 | < 0.0001 | 96 | 34 | 0.005 | 462 | 0.002 | < 0.005 | 6.3 | | 7.96 | 4.9 | 306 | 0.24 |
| S8 | 4/25/2005 | 256 | 0.06 | 1.34 | 0.004 | < 0.001 | 3 | < 0.0001 | 110 | 166 | < 0.001 | 1070 | 0.006 | < 0.005 | 12.1 | 1088 | 8.05 | 7.4 | 382 | 0.23 |
| S8 | 10/28/2005 | | 0.05 | | 0.002 | < 0.001 | | < 0.0001 | 108 | | 0.003 | | 0.006 | < 0.005 | | 1172 | 7.66 | 5.08 | 373 | 0.07 |
| S8 | 5/1/2006 | 356 | 0.38 | 0.4 | 0.001 | < 0.001 | 3 | < 0.0001 | 103 | 79 | 0.003 | 907 | 0.004 | < 0.005 | 6.6 | 927 | 7.06 | 14.6 | 340 | 0.74 |
| S8 | 11/14/2006 | 309 | 0.3 | 6.09 | 0.004 | < 0.001 | 2 | < 0.0001 | 91 | 149 | 0.007 | 1230 | 0.017 | < 0.005 | 15.9 | 1225 | 7.65 | 6.66 | 326 | 0.2 |
| S8 | 4/17/2007 | 247 | 0.15 | 0.66 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 89 | 44 | 0.002 | 649 | 0.006 | < 0.005 | 5.5 | 630 | 7.8 | 2.58 | 276 | 0.13 |

| Surface Water Location | Sampling Date | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Arsenic mg/L | Beryllium mg/L | Biochemical Oxygen Demand mg/L | Cadmium mg/L | Calcium mg/L | Chloride mg/L | Chromium mg/L | Conductivity us/cm | Copper mg/L | Cyanide (free) mg/L | Dissolved Organic Carbon mg/L | Field Conductivity us/cm | Field pH unitless | Field Temperature °C | Hardness mg/L | Iron mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S9 | 10/14/1999 | 237 | 2.39 | 5.7 | | *ND* | 72 | *ND* | | 1700 | *ND* | 5660 | | | | | | | 634 | 1.57 |
| S9 | 11/29/2000 | 332 | 0.42 | 1.5 | | *ND* | 12 | *ND* | | 110 | *ND* | 1260 | | | | | | | | 0.67 |
| S9 | 5/24/2001 | 177 | 0.67 | 0.36 | | *ND* | 5 | *ND* | 104 | 194 | *ND* | 1250 | | | | | | | 342 | 0.64 |
| S9 | 11/30/2001 | 216 | 0.99 | 1.97 | | *ND* | 9 | *ND* | 85 | 104 | 0.003 | 938 | 0.006 | | | | | | | 1.66 |
| S9 | 2/21/2002 | 216 | 0.83 | 4.01 | | *ND* | 51 | *ND* | | 139 | *ND* | 916 | | | | | | | | 1.26 |
| S9 | 4/29/2002 | 444 | 0.1 | 10.9 | | *ND* | 194 | 0.0001 | 150 | 313 | *ND* | 1950 | 0.002 | | | | 7.94 | 5.4 | | 0.75 |
| S9 | 12/20/2002 | 471 | 3.53 | 22 | | *ND* | 115 | 0.0028 | | 475 | 0.01 | 2720 | | | | | 8.01 | 0.7 | | 7.55 |
| S9 | 5/15/2003 | 434 | 0.1 | 0.09 | | < 0.001 | < 1 | < 0.0001 | | 135 | < 0.005 | 1290 | | | | | | | | 0.13 |
| S9 | 10/24/2003 | 369 | 0.42 | 1.41 | | < 0.001 | 5 | 0.0001 | 211 | 424 | 0.006 | 2430 | | | 20.4 | | 7.38 | 2.7 | 720 | 0.65 |
| S9 | 4/25/2005 | 353 | 0.14 | 0.09 | < 0.001 | < 0.001 | < 1 | < 0.0001 | 186 | 235 | < 0.001 | 1450 | 0.004 | < 0.005 | 8.6 | 1416 | 7.6 | 4.8 | 617 | 0.2 |
| S9 | 11/14/2006 | 586 | 1.45 | 29.3 | 0.011 | < 0.001 | 13 | 0.0002 | 113 | 341 | 0.006 | 2500 | 0.099 | 0.008 | 53.1 | 1609 | 7.69 | 8 | 451 | 1.31 |
| S9 | 11/7/2007 | 323 | < 0.01 | 0.05 | 0.003 | < 0.001 | 2 | < 0.0001 | 189 | 355 | 0.009 | 2130 | 0.02 | < 0.005 | 17.4 | 1220 | 7.88 | 5.03 | 641 | 0.32 |
| S9 | 11/19/2008 | 337 | 0.36 | 0.19 | 0.005 | < 0.0006 | 4 | < 0.0001 | 110 | 240 | < 0.005 | 1680 | 0.017 | < 0.002 | 18.2 | | 7.71 | 3 | 500 | 0.28 |

| Surface Water Location | Sampling Date | Lead mg/L | Magnesium mg/L | Mercury mg/L | Nickel mg/L | Nitrate mg/L | pH unitless | Phenol mg/L | Phosphorus (total) mg/L | Selenium mg/L | Silver mg/L | Total Dissolved Solids mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L | Total Suspended Solids mg/L | Turbidity NTU | Unionized Ammonia mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S1 | 4/24/1989 | | | | | ND | 8.3 | ND | 0.019 | | | | | 12.1 | | | | |
| S1 | 5/12/1989 | | | | | | 8.1 | ND | 0.02 | | | | | 19.3 | | | | |
| S1 | 5/10/1990 | | 12.2 | | | ND | 7.5 | ND | ND | | | | | 30 | | | | |
| S1 | 10/1/1990 | | 30 | | | 2.1 | 7.2 | ND | ND | | | | | 43 | | | | ND |
| S1 | 11/27/1992 | ND | 6 | ND | ND | 0.1 | 7.63 | ND | 0.03 | | ND | | 0.35 | 8.1 | 5 | 2.4 | | ND |
| S1 | 4/30/1993 | ND | | | ND | | 7.44 | 0.003 | ND | | ND | 280 | 0.69 | | 2 | 0.4 | | ND |
| S1 | 5/1/1994 | ND | | ND | 0.0015 | ND | 7.1 | 0.0012 | | | ND | | 1.8 | 36.3 | 16 | 2.3 | | ND |
| S1 | 11/25/1994 | 0.004 | | ND | 0.0071 | ND | 6.9 | 0.0036 | | | ND | | 4.5 | 11.2 | 200 | 80.8 | | 0.08 |
| S1 | 3/28/1995 | ND | | ND | ND | ND | 7.2 | 0.0012 | 0.22 | ND | 0.00006 | | 1 | 14.4 | 30 | 5.66 | ND | ND |
| S1 | 11/2/1995 | ND | | ND | ND | 0.15 | 7.7 | ND | 0.05 | | ND | | 0.5 | 6.5 | 10 | 4.8 | 0.00046 | ND |
| S1 | 4/1/1996 | ND | | ND | ND | ND | 7.82 | ND | 0.08 | ND | ND | | 0.61 | 6.1 | 3 | 1.3 | | |
| S1 | 5/1/1997 | ND | | ND | ND | ND | 8.13 | ND | 0.07 | ND | 0.01 | | 0.71 | 11.3 | ND | 4 | | ND |
| S1 | 12/1/1997 | ND | 8 | ND | ND | ND | 7.57 | ND | | | ND | | 0.63 | | | | | ND |
| S1 | 4/7/1999 | | | ND | | ND | 7.89 | ND | 0.05 | ND | ND | 200 | 0.92 | 8.4 | | 1.5 | | ND |
| S1 | 5/2/2000 | | | ND | | ND | 7.91 | 0.001 | 0.04 | ND | ND | 290 | 1.04 | 18.2 | | 0.6 | | ND |
| S1 | 11/10/2000 | | | ND | | 0.1 | 7.34 | ND | 0.21 | ND | ND | 444 | 1.22 | 16.7 | | 2.2 | | ND |
| S1 | 11/30/2001 | | | ND | | ND | 7.18 | ND | 0.08 | ND | ND | 114 | 0.54 | 7.6 | ND | | | ND |
| S1 | 4/29/2002 | | | ND | | ND | 8.12 | ND | 0.01 | ND | ND | 172 | 0.73 | 8.7 | | 8.3 | | ND |
| S1 | 5/15/2003 | | | < 0.0001 | | < 0.1 | 7.64 | < 0.001 | 0.04 | < 0.001 | < 0.0001 | 292 | 1.44 | 16.4 | | 0.8 | | < 0.005 |
| S1 | 10/24/2003 | | 7 | < 0.0001 | | < 0.1 | 7.32 | < 0.001 | 0.11 | < 0.001 | < 0.0001 | 170 | 1.97 | 16.3 | | 8.6 | | < 0.01 |
| S1 | 4/23/2004 | < 0.001 | 8 | < 0.0001 | < 0.005 | < 0.1 | 7.48 | < 0.001 | 0.04 | < 0.001 | < 0.0001 | 225 | 0.45 | 8.2 | 5 | 1.9 | <0.00013 | < 0.01 |
| S1 | 4/25/2005 | < 0.001 | 6 | < 0.0001 | < 0.005 | < 0.1 | | < 0.001 | < 0.01 | < 0.001 | < 0.0001 | 159 | 0.51 | 8.3 | < 2 | 1.4 | 0.0005 | < 0.01 |
| S1 | 10/28/2005 | < 0.001 | 6 | < 0.0001 | < 0.005 | | | | | < 0.001 | < 0.0001 | | | | < 2 | | | < 0.01 |
| S1 | 5/1/2006 | < 0.001 | 8 | < 0.0001 | < 0.005 | < 0.1 | 8.02 | < 0.001 | 0.01 | < 0.001 | < 0.0001 | 228 | 0.34 | 7.4 | 8 | 1.8 | 0.0002 | < 0.01 |
| S1 | 11/14/2006 | < 0.001 | 5 | < 0.0001 | < 0.005 | < 0.1 | 7.9 | < 0.001 | 0.06 | < 0.001 | < 0.0001 | 159 | 0.53 | 7.5 | 7 | 2.7 | < 0.0002 | 0.01 |
| S1 | 4/17/2007 | < 0.001 | 4 | < 0.0001 | < 0.005 | < 0.1 | 7.57 | < 0.001 | 0.03 | < 0.001 | < 0.0001 | 133 | 0.24 | 4.4 | 12 | 3 | 0.0017619 | < 0.01 |
| S1 | 5/15/2008 | < 0.0005 | 8.4 | < 0.0002 | < 0.001 | < 0.1 | 8.1 | < 0.001 | < 0.03 | < 0.005 | < 0.0001 | 220 | 0.7 | 10.1 | 2 | 1.4 | < 0.02 | < 0.01 |
| S1 | 11/17/2008 | < 0.0005 | 6.4 | < 0.0002 | < 0.001 | < 0.1 | 7.9 | < 0.001 | 0.03 | < 0.005 | < 0.0001 | 165 | < 1 | 9.3 | 2 | 7.7 | < 0.02 | < 0.01 |
| S2 | 4/24/1989 | | | | | ND | 8.3 | 0.001 | 0.02 | | | | | 11.7 | | | | |
| S2 | 5/12/1989 | | | | | ND | 8.3 | ND | 0.094 | | | | | 15.3 | | | | |
| S2 | 5/10/1990 | | 10.6 | | | ND | 7.2 | ND | ND | | | | | 31 | | | | |
| S2 | 10/1/1990 | | 27 | | | 1.5 | 7.3 | ND | ND | | | | | 45 | | | | |
| S2 | 11/27/1992 | ND | 9 | ND | ND | ND | 7.48 | ND | 0.16 | | ND | | 0.31 | 5.3 | 4 | 2.2 | | ND |
| S2 | 4/30/1993 | ND | | | ND | | 7.6 | ND | 0.04 | | ND | 280 | 0.34 | | 3 | 0.7 | | ND |
| S2 | 5/1/1994 | ND | | ND | ND | ND | 7.4 | ND | | | ND | | 0.85 | 25.5 | 3.6 | 0.81 | | ND |
| S2 | 3/28/1995 | ND | | ND | ND | ND | 7.3 | 0.0011 | 0.15 | ND | 0.00005 | | 0.74 | 16.5 | ND | 0.8 | ND | ND |
| S2 | 11/2/1995 | ND | | ND | ND | ND | 7.53 | ND | 0.11 | | ND | | 0.84 | 11.2 | ND | 4.1 | 0.00025 | 0.01 |
| S2 | 4/1/1996 | | | ND | | ND | 7.54 | ND | 0.02 | ND | | | 0.52 | 7.6 | 4 | 1 | | |
| S2 | 5/1/1997 | ND | | ND | ND | ND | 8.09 | ND | 0.02 | ND | ND | | 0.69 | 10.8 | 4 | 3.6 | | ND |
| S2 | 11/1/1997 | | | ND | | 0.25 | 7.89 | ND | 0.01 | ND | ND | 296 | 0.34 | 7.7 | | 3.3 | | ND |
| S2 | 12/1/1997 | ND | 8 | ND | ND | ND | 7.67 | ND | | | ND | | 0.63 | | | | | ND |
| S2 | 5/12/1998 | ND | | ND | ND | 0.71 | 7.49 | ND | 0.08 | ND | ND | | 0.71 | 6.9 | 30 | 6.2 | | ND |
| S2 | 4/7/1999 | | | ND | | ND | 7.91 | ND | 0.05 | ND | ND | 170 | 0.58 | 6.8 | | 1.3 | | ND |
| S2 | 5/2/2000 | | | ND | | ND | 8 | 0.001 | 0.02 | ND | ND | 300 | 1.01 | 18.3 | | 0.6 | | ND |
| S2 | 11/10/2000 | | | ND | | ND | 7.29 | ND | 0.06 | ND | ND | 300 | 1.08 | 16.9 | | 1.1 | | ND |
| S2 | 5/24/2001 | | 9 | ND | | ND | 7.26 | ND | 0.1 | ND | ND | 368 | 1.5 | 15.6 | | 2.3 | | ND |
| S2 | 11/30/2001 | | | ND | | ND | 7.18 | ND | 0.06 | ND | ND | 167 | 0.58 | 10.5 | ND | | | ND |
| S2 | 4/29/2002 | | | ND | | ND | 8.18 | ND | 0.02 | ND | ND | 195 | 0.71 | 8.4 | | 6.8 | | ND |
| S2 | 12/20/2002 | | | ND | | 0.46 | 7.75 | ND | 0.2 | ND | ND | 259 | 1.03 | 11.4 | | 2.8 | | ND |
| S2 | 5/15/2003 | | | < 0.0001 | | < 0.1 | 7.73 | < 0.001 | 0.02 | < 0.001 | < 0.0001 | 293 | 1.35 | 16.3 | | 0.9 | | < 0.005 |
| S2 | 10/24/2003 | | 9 | < 0.0001 | | < 0.1 | 7.59 | < 0.001 | 0.03 | < 0.001 | < 0.0001 | 289 | 0.97 | 13.5 | | 2 | | < 0.01 |
| S2 | 4/23/2004 | < 0.001 | 9 | < 0.0001 | < 0.005 | < 0.1 | 7.56 | < 0.001 | 0.03 | < 0.001 | < 0.0001 | 289 | 0.8 | 13.8 | 2 | 1 | 0.00032 | < 0.01 |
| S2 | 11/9/2004 | < 0.001 | 10 | < 0.0001 | < 0.005 | < 0.1 | 7.42 | < 0.001 | 0.05 | < 0.001 | < 0.0001 | 329 | 1.19 | 21.5 | < 2 | 0.9 | <0.00005 | < 0.01 |
| S2 | 4/25/2005 | < 0.001 | 10 | < 0.0001 | < 0.005 | < 0.1 | 7.88 | < 0.001 | 0.02 | < 0.001 | < 0.0001 | 262 | 0.6 | 10.5 | < 2 | 1.1 | < 0.0005 | < 0.01 |
| S2 | 10/28/2005 | < 0.001 | 8 | < 0.0001 | < 0.005 | | | | | < 0.001 | < 0.0001 | | | | < 2 | | | < 0.01 |
| S2 | 5/1/2006 | < 0.001 | 9 | < 0.0001 | < 0.005 | < 0.1 | 8.01 | < 0.001 | 0.04 | < 0.001 | < 0.0001 | 319 | 0.96 | 17.3 | 3 | 1.9 | 0.0005 | < 0.01 |
| S2 | 11/14/2006 | < 0.001 | 8 | < 0.0001 | < 0.005 | < 0.1 | 7.94 | < 0.001 | | < 0.001 | < 0.0001 | 270 | 0.64 | 10.5 | 3 | 1.2 | < 0.006 | < 0.01 |
| S2 | 4/17/2007 | < 0.001 | 6 | < 0.0001 | < 0.005 | < 0.1 | 7.83 | < 0.001 | 0.04 | < 0.001 | < 0.0001 | 207 | 0.56 | 5.6 | < 2 | 2.2 | < 0.00015 | < 0.01 |
| S2 | 5/15/2008 | < 0.0005 | 9.6 | < 0.0002 | < 0.001 | < 0.1 | 8.1 | < 0.001 | 0.08 | < 0.005 | < 0.0001 | 290 | 2 | 20.7 | 2 | 2.6 | < 0.02 | < 0.01 |
| S2 | 11/17/2008 | < 0.0005 | 8.6 | < 0.0002 | < 0.001 | < 0.1 | 8 | < 0.001 | < 0.03 | < 0.005 | < 0.0001 | 280 | 1 | 14.5 | < 1 | 3.1 | < 0.02 | < 0.01 |

| Surface Water Location | Sampling Date | Lead mg/L | Magnesium mg/L | Mercury mg/L | Nickel mg/L | Nitrate mg/L | pH unitless | Phenol mg/L | Phosphorus (total) mg/L | Selenium mg/L | Silver mg/L | Total Dissolved Solids mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L | Total Suspended Solids mg/L | Turbidity NTU | Unionized Ammonia mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S3 | 4/24/1989 | | | | | ND | 8.3 | ND | 0.016 | | | | | 12.8 | | | | |
| S3 | 5/12/1989 | | | | | ND | 8.3 | ND | 0.017 | | | | | 14.8 | | | | |
| S3 | 5/10/1990 | | 10.2 | | | ND | 7 | ND | ND | | | | | 33 | | | | |
| S3 | 10/1/1990 | | 25 | | | 3.2 | 7.5 | ND | ND | | | | | 37 | | | | |
| S3 | 7/29/1992 | ND | 27 | ND | ND | 0.14 | 8.17 | ND | 0.26 | | ND | | 0.45 | 3.7 | 14 | 4.3 | | 0.18 |
| S3 | 11/27/1992 | ND | 7 | ND | ND | ND | 7.9 | ND | ND | | ND | | 0.28 | 6.3 | 9 | 4.1 | | 0.03 |
| S3 | 4/30/1993 | ND | | | ND | | 7.78 | ND | ND | | ND | 270 | 0.66 | | 9 | 1 | | 0.02 |
| S3 | 5/1/1994 | ND | | ND | ND | ND | 7.5 | 1 | | | ND | | 0.55 | 18.3 | 1.6 | 0.69 | | ND |
| S3 | 11/25/1994 | ND | | ND | 0.002 | ND | 7.2 | ND | | | ND | | 1.5 | 14.7 | 37 | 16.5 | | ND |
| S3 | 3/28/1995 | ND | | ND | ND | ND | 7.4 | ND | 0.14 | ND | 0.00009 | | 0.61 | 14.7 | 1.6 | 1.04 | ND | 0.02 |
| S3 | 11/2/1995 | ND | | ND | ND | ND | 7.84 | ND | 0.03 | | ND | | 0.37 | 10.4 | 6 | 13 | ND | ND |
| S3 | 4/1/1996 | | | ND | | ND | 7.64 | ND | 0.03 | ND | | | 0.73 | 7.3 | 5 | 2.3 | | |
| S3 | 5/1/1997 | ND | | ND | ND | ND | 8.12 | ND | 0.02 | ND | ND | | 0.63 | 11.2 | 5 | 3.7 | | ND |
| S3 | 11/1/1997 | | | ND | | ND | 7.96 | ND | 0.04 | ND | ND | 236 | 0.75 | 13.2 | | 2.9 | | ND |
| S3 | 12/1/1997 | ND | 8 | ND | ND | ND | 7.85 | ND | | | ND | | 0.52 | | | | | ND |
| S3 | 5/12/1998 | ND | | ND | ND | ND | 7.91 | ND | 0.1 | ND | ND | | 0.95 | 15 | 2 | 2.8 | | ND |
| S3 | 12/23/1998 | | | ND | | 0.51 | 7.89 | ND | | ND | ND | 440 | 0.91 | 10.8 | | | | 0.01 |
| S3 | 4/7/1999 | | | ND | | ND | 8.11 | ND | ND | ND | ND | 181 | 0.56 | 7.5 | | 1.3 | | ND |
| S3 | 5/2/2000 | | | ND | | ND | 8.01 | ND | 0.05 | ND | ND | 300 | 0.94 | 14.2 | | 0.9 | | ND |
| S3 | 11/10/2000 | | | ND | | ND | 7.65 | ND | < 0.04 | ND | ND | 380 | 0.86 | 12.3 | | 2 | | ND |
| S3 | 5/24/2001 | | 17 | ND | | ND | 7.97 | ND | 0.06 | ND | ND | 408 | 0.89 | 10.1 | | 2.7 | | ND |
| S3 | 11/30/2001 | | | ND | | 1.01 | 7.5 | ND | 0.08 | ND | ND | 234 | 0.58 | 8.7 | 6 | | | ND |
| S3 | 4/29/2002 | | | ND | | ND | 8.25 | ND | 0.02 | ND | ND | 213 | 0.75 | 9.6 | | 10.3 | | ND |
| S3 | 12/20/2002 | | | ND | | 0.77 | 7.95 | ND | 0.07 | ND | ND | 332 | 1.15 | 10 | | 17.4 | | ND |
| S3 | 5/15/2003 | | | < 0.0001 | | < 0.1 | 7.95 | < 0.001 | 0.03 | < 0.001 | < 0.0001 | 310 | 1.6 | 13 | | 2.1 | | < 0.005 |
| S3 | 10/24/2003 | | 14 | < 0.0001 | | 0.61 | 7.97 | < 0.001 | 0.03 | < 0.001 | < 0.0001 | 380 | 0.27 | 8.8 | | 3.4 | | < 0.01 |
| S3 | 4/23/2004 | < 0.001 | 11 | < 0.0001 | < 0.005 | < 0.1 | 7.7 | < 0.001 | 0.02 | < 0.001 | < 0.0001 | 313 | 0.63 | 10.4 | < 2 | 1.1 | <0.000061 | < 0.01 |
| S3 | 11/9/2004 | < 0.001 | 14 | < 0.0001 | < 0.005 | < 0.1 | 7.61 | < 0.001 | 0.04 | < 0.001 | < 0.0001 | 387 | 0.81 | 13.6 | 5 | 3 | 0.0040 | < 0.01 |
| S3 | 4/25/2005 | < 0.001 | 12 | < 0.0001 | < 0.005 | 0.12 | 7.92 | < 0.001 | 0.02 | < 0.001 | < 0.0001 | 287 | 0.74 | 10.5 | < 2 | 1.6 | 0.0051 | < 0.01 |
| S3 | 10/28/2005 | < 0.001 | 14 | < 0.0001 | < 0.005 | | | | | < 0.001 | < 0.0001 | | | | 4 | | | < 0.01 |
| S3 | 5/1/2006 | < 0.001 | 12 | < 0.0001 | < 0.005 | < 0.1 | 8.14 | < 0.001 | 0.03 | < 0.001 | < 0.0001 | 355 | 0.64 | 12.4 | 3 | 1 | < 0.0004 | < 0.01 |
| S3 | 11/14/2006 | < 0.001 | 8 | < 0.0001 | < 0.005 | 0.27 | 8.04 | < 0.001 | 0.04 | < 0.001 | < 0.0001 | 278 | 0.48 | 7.3 | 5 | 11.5 | < 0.0002 | < 0.01 |
| S3 | 4/17/2007 | < 0.001 | 7 | < 0.0001 | < 0.005 | 0.18 | 7.86 | < 0.001 | 0.05 | < 0.001 | < 0.0001 | 228 | 0.62 | 5.9 | < 2 | 5 | 0.00620 | < 0.01 |
| S3 | 11/7/2007 | < 0.001 | 25 | < 0.0001 | < 0.005 | < 0.1 | 7.87 | < 0.001 | 0.04 | < 0.001 | < 0.0001 | 647 | 0.48 | 3.7 | 26 | 2.6 | 0.0011447 | < 0.01 |
| S3 | 5/15/2008 | < 0.0005 | 12 | < 0.0002 | < 0.001 | < 0.1 | 8.1 | < 0.001 | 0.04 | < 0.005 | < 0.0001 | 340 | 1.1 | 15.5 | 1 | 1.7 | < 0.02 | < 0.01 |
| S3 | 11/17/2008 | < 0.0005 | 10 | < 0.0002 | < 0.001 | < 0.1 | 8.1 | < 0.001 | < 0.03 | < 0.005 | < 0.0001 | 290 | 1.0 | 12.8 | 1 | 5.3 | < 0.02 | < 0.01 |
| S4 | 11/27/1992 | ND | 10 | ND | ND | 0.38 | 7.92 | ND | 0.03 | | ND | | 0.37 | 5.6 | 14 | 4.8 | | ND |
| S4 | 4/30/1993 | ND | | | ND | | 7.75 | ND | 0.03 | | ND | 500 | 0.34 | | 13 | 4.1 | | 0.05 |
| S4 | 5/1/1994 | ND | | ND | 0.0026 | ND | 7.4 | 0.0018 | | | ND | | 1.7 | 18.3 | 16 | 7.5 | | 0.07 |
| S4 | 11/25/1994 | ND | | ND | 0.0032 | ND | 7.5 | 0.0046 | | | ND | | 1.9 | 15.7 | 2600 | 2000 | | ND |
| S4 | 3/28/1995 | ND | | ND | ND | ND | 7.4 | ND | 0.15 | ND | 0.00004 | | 0.63 | 8.69 | 17 | 6.1 | ND | ND |
| S4 | 11/2/1995 | ND | | ND | ND | 0.29 | 7.09 | ND | 0.23 | | ND | | 0.72 | 8.7 | 18 | 11 | 0.00006 | 0.02 |
| S4 | 5/1/1997 | 0.007 | | ND | ND | 0.22 | 8.17 | ND | 0.04 | ND | ND | | 0.81 | 9.4 | 4 | 4.1 | | ND |
| S4 | 12/1/1997 | ND | 16 | ND | ND | ND | 7.96 | ND | | | ND | | 0.48 | | | | | ND |
| S4 | 3/5/1999 | | | ND | | 1.86 | 7.69 | ND | 0.49 | ND | ND | | 2.7 | 9 | | 66 | | 0.02 |
| S4 | 4/7/1999 | | | ND | | ND | 8.07 | ND | 0.1 | ND | ND | 860 | 1.08 | 7.6 | | 2 | | < 0.01 |
| S4 | 11/10/2000 | | | ND | | ND | 7.84 | ND | 0.04 | ND | ND | 924 | 0.37 | 6 | | 2.5 | | ND |
| S4 | 5/24/2001 | | 36 | ND | | ND | 7.97 | ND | 0.06 | ND | ND | 1040 | 0.65 | 6.9 | | 2.3 | | ND |
| S4 | 11/30/2001 | ND | 20 | ND | ND | ND | 8.12 | ND | 0.08 | ND | ND | 618 | 0.49 | 6.8 | 11 | | | 0.18 |
| S4 | 4/29/2002 | ND | 8 | ND | ND | 0.35 | | | 0.06 | ND | ND | | 0.73 | 6.3 | | | | ND |
| S4 | 12/20/2002 | | | ND | | 0.15 | 8.02 | ND | 0.1 | ND | ND | 683 | 0.93 | 10.2 | | 9.2 | | ND |
| S4 | 5/15/2003 | | | < 0.0001 | | < 0.1 | 8.11 | < 0.001 | 0.02 | < 0.001 | < 0.0001 | 585 | 0.67 | 7 | | 1.6 | | < 0.005 |
| S4 | 4/23/2004 | < 0.001 | 16 | < 0.0001 | < 0.005 | < 0.1 | 8.1 | < 0.001 | 0.02 | < 0.001 | < 0.0001 | 466 | 0.59 | 6.2 | 4 | 1.4 | <0.00029 | < 0.01 |
| S4 | 11/9/2004 | | | | | | | | | | | | | | | | | |
| S4 | 4/25/2005 | < 0.001 | 17 | < 0.0001 | < 0.005 | < 0.1 | 8.05 | < 0.001 | 0.03 | < 0.001 | < 0.0001 | 343 | 0.51 | 7.2 | 3 | 1.6 | 0.00071 | < 0.01 |
| S4 | 10/28/2005 | < 0.001 | 34 | < 0.0001 | 0.008 | | | | | 0.001 | < 0.0001 | | | | 3 | | | < 0.01 |
| S4 | 5/1/2006 | < 0.001 | 29 | < 0.0001 | 0.009 | < 0.1 | 8.06 | < 0.001 | 0.03 | < 0.001 | < 0.0001 | 968 | 0.26 | 5.3 | < 2 | 0.6 | 0.00010 | < 0.01 |
| S4 | 11/14/2006 | < 0.001 | 13 | < 0.0001 | < 0.005 | < 0.1 | 8.17 | < 0.001 | 0.09 | < 0.001 | < 0.0001 | 420 | 0.41 | 5.7 | 5 | 1.3 | < 0.0001 | < 0.01 |
| S4 | 4/17/2007 | < 0.001 | 9 | < 0.0001 | < 0.005 | 0.1 | 8.08 | < 0.001 | 0.04 | < 0.001 | < 0.0001 | 259 | 0.52 | 5 | 6 | 4.2 | 0.0012964 | < 0.01 |
| S4 | 11/17/2008 | < 0.0005 | 25 | < 0.0002 | 0.003 | 0.1 | 8.2 | < 0.001 | 0.05 | < 0.005 | < 0.0001 | 695 | < 1 | 6.5 | 3 | 5.3 | < 0.02 | < 0.01 |

| Surface Water Location | Sampling Date | Lead mg/L | Magnesium mg/L | Mercury mg/L | Nickel mg/L | Nitrate mg/L | pH unitless | Phenol mg/L | Phosphorus (total) mg/L | Selenium mg/L | Silver mg/L | Total Dissolved Solids mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L | Total Suspended Solids mg/L | Turbidity NTU | Unionized Ammonia mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S5 | 11/25/1994 | *ND* | | *ND* | 0.0018 | *ND* | 7.4 | 0.0018 | | | *ND* | | 1.8 | 17.9 | 740 | 608 | | *ND* |
| S5 | 3/28/1995 | *ND* | | *ND* | *ND* | *ND* | 8 | *ND* | 0.39 | *ND* | 0.00007 | | 0.83 | 13.1 | 22 | 3.98 | *ND* | *ND* |
| S5 | 11/2/1995 | *ND* | | *ND* | *ND* | 2.52 | 8.08 | *ND* | 0.42 | | *ND* | | 1.56 | 13.2 | 12 | 12 | 0.00072 | 0.02 |
| S5 | 4/1/1996 | | | *ND* | | *ND* | 8.3 | *ND* | 0.03 | *ND* | | | 0.69 | 7.9 | 5 | 2 | | |
| S5 | 5/1/1997 | *ND* | | *ND* | *ND* | 0.49 | 8.29 | *ND* | 0.05 | *ND* | *ND* | | 0.85 | 10.3 | 6 | 6.7 | | *ND* |
| S5 | 11/1/1997 | | | *ND* | | 4.15 | 8.29 | *ND* | 0.08 | *ND* | *ND* | 364 | 1.19 | 8.9 | | 2 | | *ND* |
| S5 | 12/1/1997 | *ND* | 18 | *ND* | *ND* | 0.37 | 8.03 | *ND* | | | 0.0001 | | 0.96 | | | | | *ND* |
| S5 | 5/12/1998 | *ND* | | *ND* | *ND* | 3.64 | 7.88 | *ND* | 0.45 | *ND* | *ND* | | 2.63 | 7.2 | 87 | 31 | | 0.02 |
| S5 | 4/7/1999 | | | *ND* | | 0.95 | 8.4 | *ND* | 0.04 | *ND* | *ND* | 230 | 0.85 | 8.4 | | 1.2 | | *ND* |
| S5 | 5/2/2000 | | | *ND* | | 0.7 | 8.23 | 0.001 | < 0.03 | *ND* | *ND* | 310 | 1.56 | 13.1 | | 4 | | *ND* |
| S5 | 11/10/2000 | | | *ND* | | *ND* | 7.43 | *ND* | 0.16 | *ND* | *ND* | 304 | 1.29 | 16.1 | | 1.4 | | *ND* |
| S5 | 11/30/2001 | *ND* | 8 | *ND* | *ND* | 2.45 | 7.57 | *ND* | 0.36 | 0.001 | *ND* | 242 | 1.05 | 9.3 | 7 | | | *ND* |
| S5 | 4/29/2002 | *ND* | 6 | *ND* | *ND* | *ND* | 8.27 | *ND* | 0.03 | *ND* | *ND* | 189 | 0.73 | 7.2 | | 7.5 | 0.00194 | *ND* |
| S5 | 12/20/2002 | | | *ND* | | 0.73 | 8 | 0.002 | 0.29 | *ND* | *ND* | 319 | 2.69 | 16.1 | | 8.8 | 0.00621 | *ND* |
| S5 | 5/15/2003 | | | < 0.0001 | | < 0.1 | 7.99 | < 0.001 | 0.05 | < 0.001 | < 0.0001 | 287 | 1.06 | 8.8 | | 6.2 | | < 0.005 |
| S5 | 11/18/2003 | | 11 | < 0.0001 | | < 0.1 | 8.06 | < 0.001 | 0.02 | < 0.001 | < 0.0001 | 294 | 0.44 | 6 | | 1 | | < 0.01 |
| S5 | 4/23/2004 | < 0.001 | 12 | < 0.0001 | < 0.005 | < 0.1 | 8.1 | < 0.001 | 0.02 | < 0.001 | < 0.0001 | 277 | 0.59 | 7.6 | < 2 | 0.8 | 0.00059 | < 0.01 |
| S5 | 11/9/2004 | | | | | | | | | | | | | | | | | |
| S5 | 4/25/2005 | < 0.001 | 13 | < 0.0001 | < 0.005 | < 0.1 | 8.07 | < 0.001 | 0.03 | < 0.001 | < 0.0001 | 265 | 0.61 | 8.2 | 2 | 1 | 0.02466 | < 0.01 |
| S5 | 5/1/2006 | < 0.001 | 14 | < 0.0001 | < 0.005 | < 0.1 | 8.13 | < 0.001 | 0.1 | < 0.001 | < 0.0001 | 309 | 0.7 | 10 | 12 | 2.5 | 0.00092 | < 0.01 |
| S5 | 11/14/2006 | < 0.001 | 10 | < 0.0001 | < 0.005 | < 0.1 | 8.12 | < 0.001 | 0.05 | < 0.001 | < 0.0001 | 274 | 0.46 | 6.8 | 5 | 2.1 | < 0.0002 | < 0.01 |
| S5 | 4/17/2007 | < 0.001 | 8 | < 0.0001 | < 0.005 | < 0.1 | 8.1 | < 0.001 | 0.03 | < 0.001 | < 0.0001 | 202 | 0.62 | 4.6 | < 2 | 0.9 | 0.00017461 | < 0.01 |
| S5 | 5/15/2008 | 0.0005 | 13 | < 0.0002 | < 0.001 | < 0.1 | 8.2 | < 0.001 | 0.12 | < 0.005 | < 0.0001 | 310 | 1.1 | 7.4 | 10 | 3.3 | < 0.02 | 0.015 |
| S5 | 11/17/2008 | < 0.0005 | 13 | < 0.0002 | < 0.001 | < 0.1 | 8.1 | < 0.001 | 0.03 | < 0.005 | < 0.0001 | 290 | < 1 | 9.4 | 1 | 2.5 | < 0.02 | < 0.01 |
| S6 | 4/30/1993 | *ND* | | | *ND* | | 7.7 | *ND* | *ND* | | *ND* | 270 | 0.66 | | 9 | 1.3 | | *ND* |
| S6 | 5/1/1994 | *ND* | | *ND* | *ND* | *ND* | 7.4 | *ND* | | | *ND* | | 0.79 | 14.8 | 1.6 | 1.2 | | *ND* |
| S6 | 11/25/1994 | *ND* | | *ND* | 0.0016 | *ND* | 7.4 | 0.011 | | | *ND* | | 2.6 | 22 | 240 | 126 | | *ND* |
| S6 | 3/28/1995 | *ND* | | *ND* | *ND* | *ND* | 7.5 | *ND* | 0.14 | *ND* | 0.00009 | | 1.7 | 16.4 | 2.8 | 2.31 | *ND* | *ND* |
| S6 | 11/2/1995 | *ND* | | *ND* | 0.01 | *ND* | 7.75 | *ND* | 0.17 | | *ND* | | 0.74 | 10.4 | 11 | 18 | *ND* | *ND* |
| S6 | 4/1/1996 | | | *ND* | | *ND* | 7.39 | *ND* | 0.02 | *ND* | | | 0.52 | 7.7 | 10 | 1.3 | | |
| S6 | 4/30/1996 | | | | | | | | | | | | | | | | | |
| S6 | 5/1/1997 | *ND* | | *ND* | *ND* | *ND* | 7.98 | 0.036 | 0.02 | *ND* | *ND* | | 0.65 | 11.9 | *ND* | 4.6 | | *ND* |
| S6 | 11/1/1997 | | | *ND* | | *ND* | 7.86 | *ND* | 0.03 | *ND* | *ND* | 224 | 0.83 | 14.3 | | 3 | | *ND* |
| S6 | 12/1/1997 | *ND* | 8 | *ND* | *ND* | *ND* | 7.53 | *ND* | | | *ND* | | 0.57 | | | | | *ND* |
| S6 | 5/12/1998 | *ND* | | *ND* | *ND* | *ND* | 7.57 | *ND* | 0.29 | *ND* | *ND* | | 2 | 22 | 432 | 85 | | *ND* |
| S6 | 12/23/1998 | | | *ND* | | 1.02 | 7.76 | *ND* | | *ND* | *ND* | 410 | 1.58 | 13.7 | | | | *ND* |
| S6 | 4/7/1999 | | | *ND* | | *ND* | 8.02 | *ND* | 0.02 | *ND* | *ND* | 170 | 0.56 | 7.5 | | 1.4 | | *ND* |
| S6 | 5/2/2000 | | | *ND* | | *ND* | 8.02 | 0.001 | < 0.02 | *ND* | *ND* | 280 | 0.88 | 14.7 | | 0.8 | | *ND* |
| S6 | 11/10/2000 | | | *ND* | | *ND* | 7.5 | *ND* | 0.05 | *ND* | *ND* | 312 | 0.71 | 12.6 | | 1.5 | | *ND* |
| S6 | 5/24/2001 | | 13 | *ND* | | *ND* | 7.59 | *ND* | 0.13 | *ND* | *ND* | 336 | 1.16 | 14.6 | | 5.3 | | *ND* |
| S6 | 11/30/2001 | | | *ND* | | 1.25 | 7.43 | *ND* | 0.06 | *ND* | *ND* | 192 | 0.51 | 8.9 | 4 | | | *ND* |
| S6 | 4/29/2002 | | | *ND* | | *ND* | 8.21 | *ND* | 0.02 | *ND* | *ND* | 212 | 0.98 | 10.2 | | 9.7 | | *ND* |
| S6 | 12/20/2002 | | | *ND* | | 1.63 | 7.81 | *ND* | 0.06 | *ND* | *ND* | 335 | 2.25 | 14.8 | | 9.9 | | *ND* |
| S6 | 5/15/2003 | | | < 0.0001 | | < 0.1 | 7.75 | < 0.001 | 0.03 | < 0.001 | < 0.0001 | 291 | 1.06 | 14 | | 2.5 | | < 0.005 |
| S6 | 10/24/2003 | | 13 | < 0.0001 | | 1.12 | 7.93 | < 0.001 | 0.04 | < 0.001 | < 0.0001 | 331 | 1.28 | 10.5 | | 2.6 | | < 0.01 |
| S6 | 4/23/2004 | < 0.001 | 10 | < 0.0001 | < 0.005 | < 0.1 | 7.91 | < 0.001 | 0.02 | < 0.001 | < 0.0001 | 294 | 0.79 | 10.5 | < 2 | 1.4 | 0.00037 | < 0.01 |
| S6 | 11/9/2004 | < 0.001 | 12 | < 0.0001 | < 0.005 | 0.16 | 7.57 | < 0.001 | 0.07 | < 0.001 | < 0.0001 | 348 | 1.01 | 16.9 | 16 | 3.3 | | < 0.01 |
| S6 | 4/25/2005 | < 0.001 | 12 | < 0.0001 | < 0.005 | 0.13 | 8.01 | < 0.001 | 0.02 | < 0.001 | < 0.0001 | 283 | 0.75 | 11.2 | 2 | 2.1 | 0.00274 | < 0.01 |
| S6 | 10/28/2005 | < 0.001 | 12 | < 0.0001 | < 0.005 | | | | | < 0.001 | < 0.0001 | | | | < 2 | | | < 0.01 |
| S6 | 5/1/2006 | < 0.001 | 10 | < 0.0001 | < 0.005 | < 0.1 | 8.08 | < 0.001 | 0.07 | < 0.001 | < 0.0001 | 317 | 0.95 | 14.5 | 4 | 1.8 | 0.00079 | < 0.01 |
| S6 | 11/14/2006 | < 0.001 | 8 | < 0.0001 | < 0.005 | 0.52 | 8.04 | < 0.001 | 0.04 | < 0.001 | < 0.0001 | 254 | 0.48 | 8.4 | < 2 | 6 | < 0.0001 | < 0.01 |
| S6 | 4/17/2007 | < 0.001 | 7 | < 0.0001 | < 0.005 | 0.18 | 7.94 | < 0.001 | 0.04 | < 0.001 | < 0.0001 | 216 | 0.48 | 6 | < 2 | 4.2 | 0.00119 | < 0.01 |
| S6 | 5/15/2008 | < 0.0005 | 9.9 | < 0.0002 | < 0.001 | < 0.1 | 8.2 | < 0.001 | < 0.06 | < 0.005 | < 0.0001 | 300 | 1.3 | 18.6 | 3 | 2.1 | < 0.02 | < 0.01 |
| S6 | 11/17/2008 | < 0.0005 | 10 | < 0.0002 | < 0.001 | < 0.1 | 8.1 | < 0.001 | < 0.03 | < 0.005 | < 0.0001 | 280 | 1 | 13.3 | 2 | 5.6 | < 0.02 | < 0.01 |

| Surface Water Location | Sampling Date | Lead mg/L | Magnesium mg/L | Mercury mg/L | Nickel mg/L | Nitrate mg/L | pH unitless | Phenol mg/L | Phosphorus (total) mg/L | Selenium mg/L | Silver mg/L | Total Dissolved Solids mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L | Total Suspended Solids mg/L | Turbidity NTU | Unionized Ammonia mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S7 | 5/1/1994 | ND | | ND | 0.025 | ND | 7.7 | ND | | | ND | | 0.7 | 15.8 | 1.6 | 1.2 | | ND |
| S7 | 11/25/1994 | ND | | ND | 0.0025 | ND | 7.4 | 0.0022 | | | ND | | 2.3 | 27.2 | 38 | 31.4 | | ND |
| S7 | 3/28/1995 | ND | | ND | ND | ND | 7.4 | ND | 0.11 | ND | 0.00016 | | 0.68 | 15 | 1.6 | 1.28 | ND | ND |
| S7 | 11/2/1995 | 0.002 | | ND | ND | ND | 7.89 | ND | 0.12 | | ND | | 0.84 | 11.3 | 11 | 12 | | 0.01 |
| S7 | 4/1/1996 | ND | | ND | 0.01 | ND | 7.32 | ND | 0.01 | ND | ND | | 0.52 | 7.2 | ND | 1.3 | | ND |
| S7 | 5/1/1997 | ND | | ND | ND | ND | 7.95 | ND | 0.01 | ND | ND | | 0.63 | 11.1 | 2 | 4 | | ND |
| S7 | 11/1/1997 | | | ND | | ND | 7.87 | ND | 0.04 | ND | ND | 228 | 0.81 | 13.8 | | 2.9 | | ND |
| S7 | 12/1/1997 | ND | 8 | ND | ND | ND | 7.72 | ND | | | ND | | 0.57 | | | | | ND |
| S7 | 5/12/1998 | ND | | ND | ND | ND | 7.63 | ND | 0.16 | ND | ND | | 1.46 | 21 | 10 | 4.8 | | ND |
| S7 | 12/23/1998 | | | ND | | 1.03 | 7.7 | ND | | ND | ND | 420 | 0.7 | 13.5 | | | | ND |
| S7 | 4/7/1999 | | | ND | | ND | 8.04 | ND | 0.02 | ND | ND | 170 | 0.6 | 7.7 | | 1.3 | | ND |
| S7 | 5/2/2000 | | | ND | | ND | 8.06 | ND | ND | ND | ND | 280 | 0.79 | 14.9 | | 0.9 | | ND |
| S7 | 11/10/2000 | | | ND | | ND | 7.48 | ND | 0.04 | ND | ND | 300 | 0.76 | 12.4 | | 1.2 | | ND |
| S7 | 5/24/2001 | | 15 | ND | | ND | 7.7 | ND | 0.1 | ND | ND | 408 | 1.42 | 14.5 | | 3.7 | | ND |
| S7 | 11/30/2001 | | | ND | | 1.17 | 7.56 | ND | 0.35 | ND | ND | 206 | 0.56 | 8.9 | 13 | | | ND |
| S7 | 4/29/2002 | | | ND | | ND | 8.27 | ND | 0.03 | ND | ND | 206 | 0.92 | 10.1 | | 15.2 | | ND |
| S7 | 12/20/2002 | | | ND | | 1.61 | 7.98 | ND | 0.05 | ND | ND | 343 | 2.25 | 14 | | 13.2 | | ND |
| S7 | 5/15/2003 | | | < 0.0001 | | < 0.1 | 7.69 | < 0.001 | 0.02 | < 0.001 | < 0.0001 | 298 | 1 | 14 | | 2.6 | | < 0.005 |
| S7 | 10/24/2003 | | 13 | < 0.0001 | | 0.89 | 7.9 | < 0.001 | 0.03 | < 0.001 | < 0.0001 | 343 | 1.08 | 9.9 | | 2.8 | | < 0.01 |
| S7 | 4/23/2004 | < 0.001 | 11 | < 0.0001 | < 0.005 | < 0.1 | 7.85 | < 0.001 | 0.02 | < 0.001 | < 0.0001 | 305 | 0.73 | 10.4 | < 2 | 1.7 | <0.00027 | < 0.01 |
| S7 | 11/9/2004 | < 0.001 | 12 | < 0.0001 | < 0.005 | 0.13 | 7.6 | < 0.001 | 0.04 | < 0.001 | < 0.0001 | 363 | 0.88 | 16.2 | 3 | 1.9 | <0.00027 | < 0.01 |
| S7 | 4/25/2005 | < 0.001 | 12 | < 0.0001 | < 0.005 | < 0.1 | 7.95 | < 0.001 | 0.02 | < 0.001 | < 0.0001 | 281 | 0.74 | 10.7 | < 2 | 2.2 | 0.00184 | < 0.01 |
| S7 | 10/28/2005 | < 0.001 | 14 | < 0.0001 | < 0.005 | | | | | < 0.001 | < 0.0001 | | | | < 2 | | | < 0.01 |
| S7 | 5/1/2006 | < 0.001 | 11 | < 0.0001 | < 0.005 | < 0.1 | 8.11 | < 0.001 | 0.03 | < 0.001 | < 0.0001 | 350 | 0.93 | 14.5 | 6 | 1.3 | < 0.0004 | < 0.01 |
| S7 | 11/14/2006 | < 0.001 | 9 | < 0.0001 | < 0.005 | 0.47 | 7.99 | < 0.001 | 0.07 | < 0.001 | < 0.0001 | 270 | 0.51 | 8.2 | 2 | 7.8 | < 0.0001 | < 0.01 |
| S7 | 4/17/2007 | < 0.001 | 7 | < 0.0001 | < 0.005 | 0.15 | 7.92 | < 0.001 | 0.06 | < 0.001 | < 0.0001 | 218 | 0.8 | 5.8 | < 2 | 5.6 | 0.00100 | < 0.01 |
| S7 | 11/7/2007 | < 0.001 | 6 | < 0.0001 | < 0.005 | 9.49 | 8.9 | < 0.001 | 0.05 | < 0.001 | < 0.0001 | 221 | 1.65 | 13.7 | 19 | 9.4 | | < 0.01 |
| S7 | 5/15/2008 | < 0.0005 | 11 | < 0.0002 | < 0.001 | < 0.1 | 8.2 | < 0.001 | 0.06 | < 0.005 | < 0.0001 | 300 | 1.2 | 17.5 | 1 | 2.1 | < 0.02 | < 0.01 |
| S7 | 11/17/2008 | < 0.0005 | 9.9 | < 0.0002 | < 0.001 | < 0.1 | 8.2 | < 0.001 | < 0.03 | < 0.005 | < 0.0001 | 278 | 1 | 13 | 1 | 5.3 | < 0.02 | < 0.01 |
| S8 | 5/1/1994 | ND | | ND | 0.0064 | ND | 7.7 | 0.001 | | | ND | | 0.99 | 13.3 | 9.2 | 3.1 | | ND |
| S8 | 3/28/1995 | 0.001 | | ND | ND | ND | 7.4 | 0.0012 | 0.27 | ND | ND | | 0.58 | 16.6 | 65 | 43.8 | | ND |
| S8 | 11/2/1995 | 0.003 | | ND | ND | 1.14 | 7.93 | ND | 0.22 | | ND | | 0.8 | 6.6 | 42 | 100 | | 0.03 |
| S8 | 4/1/1996 | ND | | ND | 0.01 | 0.32 | 7.72 | ND | 0.09 | ND | ND | 6.7 | 3.2 | | 18 | 26 | | 0.01 |
| S8 | 5/1/1997 | ND | | ND | ND | 0.39 | 7.89 | ND | 0.07 | ND | ND | | 1.89 | 12.3 | 23 | 23 | | 0.01 |
| S8 | 11/1/1997 | | | ND | | 1.05 | 8.07 | ND | 0.05 | ND | ND | 448 | 2.22 | 11.5 | | 12 | | 0.02 |
| S8 | 12/1/1997 | ND | 21 | ND | ND | 0.37 | 7.62 | 0.003 | | | 0.0002 | | 5.46 | | | | | ND |
| S8 | 5/12/1998 | ND | | ND | ND | 0.14 | 7.69 | ND | 0.1 | ND | ND | | 1.15 | 10 | 60 | 19 | | ND |
| S8 | 12/23/1998 | | | ND | | ND | 7.54 | 0.073 | | ND | 1 | 1250 | 28.3 | 122 | | | | 0.08 |
| S8 | 4/7/1999 | | | ND | | ND | 7.86 | 0.032 | 0.3 | ND | ND | 610 | 10.7 | 56.6 | | 35 | | 0.07 |
| S8 | 5/2/2000 | | | ND | | 0.15 | 7.99 | ND | ND | ND | ND | 470 | 0.65 | 7.6 | | 2.3 | | 0.1 |
| S8 | 5/18/2000 | | | ND | | 0.16 | 8.01 | 0.001 | 0.04 | ND | 0.0002 | | 1.48 | 11.2 | | 3.8 | 0.005 | ND |
| S8 | 5/26/2000 | | | ND | | 0.31 | 7.84 | 0.001 | ND | ND | 0.0001 | | 0.39 | 7.9 | | 4 | 0.002 | ND |
| S8 | 6/7/2000 | | | ND | | 0.33 | 8.25 | 0.001 | 0.04 | ND | ND | | 1.35 | 9.3 | | 4.8 | 0.002 | ND |
| S8 | 6/22/2000 | | | ND | | 0.73 | 7.99 | ND | 0.07 | ND | ND | | 2.32 | 9.9 | | 17 | 0.03 | 0.02 |
| S8 | 6/26/2000 | | | ND | | ND | 7.5 | 0.002 | 0.19 | 0.001 | ND | | 3.17 | 18.6 | | 5 | 0.028 | ND |
| S8 | 7/31/2000 | | 19 | ND | | 0.18 | 8.36 | ND | 0.1 | ND | ND | | 1.2 | 11.3 | | 3.2 | 0.002 | ND |
| S8 | 8/11/2000 | | 11 | ND | | 0.5 | 8.01 | ND | 0.13 | ND | ND | | 2.26 | 12.4 | | | 0.012 | ND |
| S8 | 11/10/2000 | | | ND | | ND | 7.63 | ND | 0.06 | ND | ND | 500 | 0.78 | 8.4 | | 3.3 | | ND |
| S8 | 5/24/2001 | | 21 | ND | | 0.42 | 7.87 | ND | 0.06 | ND | ND | 584 | 3.32 | 12.5 | | 6.1 | | ND |
| S8 | 11/30/2001 | 0.001 | 23 | ND | ND | 1.15 | 7.96 | ND | 0.2 | ND | ND | 575 | 2.56 | 20.3 | 100 | 5 | | 0.03 |
| S8 | 4/29/2002 | ND | 36 | ND | 0.03 | ND | 8.31 | 0.067 | 0.11 | ND | ND | 1170 | 38.8 | 247 | ND | 38.1 | | 0.13 |
| S8 | 12/20/2002 | | | ND | | 0.29 | 7.95 | 0.004 | 0.22 | 0.004 | ND | 1420 | 15.3 | 57.1 | | 100 | | 0.029 |
| S8 | 5/15/2003 | | | 0.0001 | | 0.14 | 7.68 | < 0.001 | 0.06 | < 0.001 | < 0.0001 | 748 | 1.56 | 8.4 | | 11.1 | | < 0.005 |
| S8 | 10/24/2003 | | 26 | < 0.0001 | | 0.17 | 8.02 | < 0.001 | 0.04 | 0.001 | < 0.0001 | 871 | 1.28 | 12.5 | | 1.9 | | < 0.01 |
| S8 | 4/23/2004 | < 0.001 | 21 | < 0.0001 | 0.01 | 1.65 | 7.97 | < 0.001 | 0.04 | < 0.001 | < 0.0001 | 761 | 3.31 | 11.7 | 7 | 2.9 | 0.015 | < 0.01 |
| S8 | 11/29/2004 | < 0.001 | 16 | < 0.0001 | < 0.005 | < 0.1 | 7.87 | < 0.001 | 0.2 | < 0.001 | | 300 | 0.53 | 7.5 | 11 | 12 | <0.00022 | < 0.01 |
| S8 | 4/25/2005 | < 0.001 | 26 | < 0.0001 | 0.009 | 1.19 | 8.01 | < 0.001 | 0.08 | 0.001 | < 0.0001 | 696 | 2.61 | 12.2 | 46 | 16.6 | 0.02235 | < 0.01 |
| S8 | 10/28/2005 | < 0.001 | 25 | < 0.0001 | 0.014 | | | | | 0.001 | < 0.0001 | | | | 8 | | | < 0.01 |
| S8 | 5/1/2006 | < 0.001 | 20 | < 0.0001 | 0.008 | 0.13 | 8.02 | < 0.001 | 0.04 | < 0.001 | < 0.0001 | 590 | 0.84 | 6.6 | 13 | 13.8 | 0.00121 | < 0.01 |
| S8 | 11/14/2006 | < 0.001 | 24 | < 0.0001 | 0.014 | 1.41 | 8.17 | < 0.001 | 0.07 | < 0.001 | < 0.0001 | 800 | 9.2 | 16.1 | 5 | 10.2 | 0.0385 | 0.01 |
| S8 | 4/17/2007 | < 0.001 | 13 | < 0.0001 | < 0.005 | 0.34 | 8.1 | < 0.001 | 0.1 | < 0.001 | < 0.0001 | 422 | 1.53 | 5.7 | 7 | 9.1 | 0.00423 | < 0.01 |

| Surface Water Location | Sampling Date | Lead mg/L | Magnesium mg/L | Mercury mg/L | Nickel mg/L | Nitrate mg/L | pH unitless | Phenol mg/L | Phosphorus (total) mg/L | Selenium mg/L | Silver mg/L | Total Dissolved Solids mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L | Total Suspended Solids mg/L | Turbidity NTU | Unionized Ammonia mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S9 | 10/14/1999 | | | *ND* | | 3.77 | 8.06 | 0.024 | 0.37 | *ND* | *ND* | | 10.7 | 55.7 | | | | 0.07 |
| S9 | 11/29/2000 | | | *ND* | | 1.16 | 7.82 | 0.003 | 0.1 | *ND* | *ND* | | 2.78 | 18.2 | | 10 | | 0.06 |
| S9 | 5/24/2001 | | 20 | *ND* | | 0.77 | 7.92 | *ND* | 0.1 | *ND* | *ND* | 836 | 2.63 | 20.1 | | 25 | | 0.04 |
| S9 | 11/30/2001 | 0.001 | 20 | *ND* | *ND* | 1.86 | 7.8 | *ND* | 0.48 | *ND* | *ND* | 610 | 2.42 | 14 | 250 | 48 | | 0.06 |
| S9 | 2/21/2002 | | | *ND* | | 0.27 | 7.79 | 0.005 | 0.18 | *ND* | *ND* | 595 | 5.46 | 42.5 | | 168 | | 0.03 |
| S9 | 4/29/2002 | *ND* | 37 | *ND* | *ND* | 0.15 | 8.31 | 0.017 | 0.06 | *ND* | *ND* | 1270 | 13.5 | 135 | *ND* | 8.6 | | 0.07 |
| S9 | 12/20/2002 | | | *ND* | | 0.11 | 7.98 | 0.027 | 0.64 | 0.005 | *ND* | 1770 | 31.3 | 140 | | 100 | | 0.146 |
| S9 | 5/15/2003 | | | < 0.0001 | | < 0.1 | 7.8 | < 0.001 | 0.08 | < 0.001 | < 0.0001 | 839 | 1.42 | 12.4 | | 6.6 | | < 0.005 |
| S9 | 10/24/2003 | | 47 | 0.0001 | | < 0.1 | 7.82 | < 0.001 | 0.15 | 0.001 | < 0.0001 | 1580 | 4.68 | 22.3 | | 54.2 | | 0.02 |
| S9 | 4/25/2005 | < 0.001 | 37 | < 0.0001 | 0.006 | 0.47 | 7.86 | < 0.001 | 0.07 | < 0.001 | < 0.0001 | 943 | 0.93 | 9.6 | 9 | 3 | 0.00044 | < 0.01 |
| S9 | 11/14/2006 | 0.014 | 41 | < 0.0001 | 0.043 | 10.4 | 8.15 | 0.001 | 0.54 | < 0.001 | 0.0002 | 1630 | 32.5 | 55.5 | 136 | > 100 | 0.2259 | 0.06 |
| S9 | 11/7/2007 | 0.002 | 41 | < 0.0001 | 0.021 | 17.6 | 8.01 | < 0.001 | 0.29 | < 0.001 | < 0.0001 | 1380 | 1.66 | 18.3 | 17 | 16.3 | 0.0004694 | 0.01 |
| S9 | 11/19/2008 | 0.0013 | 48 | < 0.0002 | 0.009 | 1.2 | 8.1 | < 0.001 | 0.16 | < 0.005 | < 0.0001 | 1030 | 2 | 19.4 | 11 | 13 | < 0.02 | 0.014 |

# Appendix E

# Leachate Chemistry

| Location | Sampling Date | (DDT) + Metabolites mg/L | 1,1,1,2-Tetrachloro ethane mg/L | 1,1,1-Trichloro ethane mg/L | 1,1,2,2-Tetrachloro ethane mg/L | 1,1,2-Trichloro ethane mg/L | 1,1-Dichloro ethane mg/L | 1,1-Dichloro ethylene mg/L | 1,2-Dichloro benzene (o) mg/L | 1,2-Dichloro ethane mg/L | 1,2-Dichloro propane mg/L | 1,3,5-Trimethyl benzene mg/L | 1,3-Dichloro benzene (m) mg/L | 1,4-Dichloro benzene (p) mg/L | 1-Methyl naphthalene mg/L | 2,3,4,6 & 2,3,4,5-tetrachloro phenol mg/L | 2,3,4,6-Tetrachloro phenol mg/L | 2,4,5-trichloro phenoxyacetic acid mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| North Chamber | 2/4/2000 | | | | | | | | | | | | | | | | | |
| North Chamber | 3/1/2000 | | | | | | | | | | | | | | | | | |
| North Chamber | 4/7/2000 | | | | | | | | | | | | | | | | | |
| North Chamber | 5/5/2000 | | | | | | | | | | | | | | | | | |
| North Chamber | 6/1/2000 | | | | | | | | | | | | | | | | | |
| North Chamber | 7/4/2000 | | | | | | | | | | | | | | | | | |
| North Chamber | 7/31/2000 | | | | | | | | | | | | | | | | | |
| North Chamber | 8/29/2000 | | | | | | | | | | | | | | | | | |
| North Chamber | 10/4/2000 | | | | | | | | | | | | | | | | | |
| North Chamber | 10/30/2000 | | | | | | | | | | | | | | | | | |
| North Chamber | 12/7/2000 | | | | | | | | | | | | | | | | | |
| North Chamber | 1/3/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 2/2/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 3/3/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 3/7/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 4/5/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 5/3/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 6/6/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 7/4/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 8/8/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 9/5/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 9/6/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 10/2/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 10/3/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 11/1/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 12/5/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 12/7/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 1/9/2002 | | | | | | | | | | | | | | | | | |
| North Chamber | 2/6/2002 | | | | | | | | | | | | | | | | | |
| North Chamber | 3/7/2002 | | | | | | | | | | | | | | | | | |
| North Chamber | 4/8/2002 | | | | | | | | | | | | | | | | | |
| North Chamber | 5/6/2002 | | | | | | | | | | | | | | | | | |
| North Chamber | 6/7/2002 | | | | | | | | | | | | | | | | | |
| North Chamber | 7/3/2002 | | | | | | | | | | | | | | | | | |
| North Chamber | 8/1/2002 | | | | | | | | | | | | | | | | | |
| North Chamber | 9/3/2002 | | | | | | | | | | | | | | | | | |
| North Chamber | 10/2/2002 | | | | | | | | | | | | | | | | | |
| North Chamber | 11/1/2002 | | | | | | | | | | | | | | | | | |
| North Chamber | 12/16/2002 | | | | | | | | | | | | | | | | | |
| North Chamber | 1/11/2003 | | | | | | | | | | | | | | | | | |
| North Chamber | 2/10/2003 | | | | | | | | | | | | | | | | | |
| North Chamber | 2/12/2003 | | | | | | | | | | | | | | | | | |
| North Chamber | 3/3/2003 | | | | | | | | | | | | | | | | | |
| North Chamber | 4/1/2003 | | < 0.03 | < 0.02 | < 0.03 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.04 | < 0.04 | < 0.02 | < 0.02 | < 0.02 | | | | |
| North Chamber | 5/8/2003 | | < 0.006 | < 0.004 | < 0.006 | < 0.004 | < 0.004 | < 0.005 | < 0.0002 | < 0.007 | < 0.007 | < 0.003 | 0.0016 | < 0.0004 | | | | |
| North Chamber | 6/3/2003 | | | | | | | | | | | | | | | | | |
| North Chamber | 7/4/2003 | | < 0.006 | < 0.021 | < 0.034 | < 0.019 | < 0.035 | < 0.016 | < 0.019 | < 0.029 | < 0.024 | < 0.016 | < 0.024 | < 0.024 | | | | |
| North Chamber | 8/5/2003 | | < 0.006 | < 0.021 | < 0.034 | < 0.019 | < 0.035 | < 0.016 | < 0.019 | < 0.029 | < 0.024 | < 0.016 | < 0.024 | < 0.024 | | | | |
| North Chamber | 9/2/2003 | | < 0.006 | < 0.021 | < 0.034 | < 0.019 | < 0.035 | < 0.016 | < 0.019 | < 0.029 | < 0.024 | < 0.016 | < 0.024 | < 0.024 | | | | |
| North Chamber | 10/3/2003 | | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | 0.0036 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | 0.0087 | < 0.0024 | 0.012 | | | | |
| North Chamber | 11/3/2003 | | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | < 0.0016 | < 0.0024 | < 0.0024 | | | | |
| North Chamber | 12/5/2003 | | < 0.006 | < 0.021 | < 0.034 | < 0.019 | < 0.035 | < 0.016 | < 0.019 | < 0.029 | < 0.024 | < 0.016 | < 0.024 | < 0.024 | | | | |
| North Chamber | 1/7/2004 | | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | < 0.0016 | < 0.0024 | < 0.0024 | | | | |
| North Chamber | 2/11/2004 | | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | 0.0099 | < 0.0024 | < 0.0024 | | | | |
| North Chamber | 3/4/2004 | | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | < 0.0016 | < 0.0024 | < 0.0024 | | | | |
| North Chamber | 4/20/2004 | | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | 0.0084 | < 0.0024 | 0.0114 | | | | |
| North Chamber | 5/6/2004 | | | | | | | | | | | | | | | | | |
| North Chamber | 6/2/2004 | | 0.0007 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | 0.0069 | < 0.0024 | 0.0102 | | | | |
| North Chamber | 7/6/2004 | < 0.000024 | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | 0.006 | < 0.0024 | 0.0082 | | < 0.0005 | < 0.0005 | < 0.001 |
| North Chamber | 8/10/2004 | | | | | | | | | | | | | | | | | |
| North Chamber | 10/6/2004 | | | | | | | | | | | | | | | | | |
| North Chamber | 11/16/2004 | < 0.000024 | | | | | | | | | | | | | | | < 0.005 | < 0.01 |
| North Chamber | 12/1/2004 | | | | | | | | | | | | | | | | | |

| Location | Sampling Date | (DDT) + Metabolites mg/L | 1,1,1,2-Tetrachloro ethane mg/L | 1,1,1-Trichloro ethane mg/L | 1,1,2,2-Tetrachloro ethane mg/L | 1,1,2-Trichloro ethane mg/L | 1,1-Dichloro ethane mg/L | 1,1-Dichloro ethylene mg/L | 1,2-Dichloro benzene (o) mg/L | 1,2-Dichloro ethane mg/L | 1,2-Dichloro propane mg/L | 1,3,5-Trimethyl benzene mg/L | 1,3-Dichloro benzene (m) mg/L | 1,4-Dichloro benzene (p) mg/L | 1-Methyl naphthalene mg/L | 2,3,4,6 & 2,3,4,5-tetrachloro phenol mg/L | 2,3,4,6-Tetrachloro phenol mg/L | 2,4,5-trichloro phenoxyacetic acid mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| North Chamber | 1/7/2005 | | | | | | | | | | | | | | | | | |
| North Chamber | 1/25/2005 | | | | | | | | | | | | | | | | | |
| North Chamber | 3/1/2005 | | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | 0.0064 | < 0.0024 | 0.0081 | | | | |
| North Chamber | 3/30/2005 | | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | 0.0046 | < 0.0024 | 0.0077 | | | | |
| North Chamber | 5/5/2005 | < 0.000024 | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | < 0.0016 | < 0.0024 | < 0.0024 | < 0.0002 | | < 0.0005 | < 0.001 |
| North Chamber | 6/3/2005 | | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | < 0.0016 | < 0.0024 | < 0.0024 | | | | |
| North Chamber | 7/7/2005 | | < 0.0006 | < 0.0004 | < 0.0006 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0007 | 0.0009 | < 0.0004 | < 0.0004 | < 0.0002 | | | |
| North Chamber | 8/9/2005 | | < 0.006 | < 0.004 | < 0.006 | < 0.004 | < 0.004 | < 0.005 | < 0.004 | < 0.005 | < 0.007 | 0.009 | < 0.004 | 0.011 | < 0.0002 | | | |
| North Chamber | 9/23/2005 | | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | < 0.0016 | < 0.0024 | < 0.0024 | < 0.0002 | | | |
| North Chamber | 10/6/2005 | | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | 0.0033 | < 0.0024 | 0.005 | | | | |
| North Chamber | 12/1/2005 | | < 0.005 | < 0.004 | < 0.005 | < 0.004 | < 0.004 | < 0.005 | < 0.004 | < 0.005 | < 0.005 | 0.007 | < 0.004 | 0.006 | < 0.0002 | | | |
| North Chamber | 1/12/2006 | | < 0.005 | < 0.004 | < 0.005 | < 0.004 | < 0.004 | < 0.005 | < 0.004 | < 0.005 | < 0.005 | 0.009 | < 0.004 | 0.009 | < 0.0002 | | | |
| North Chamber | 2/2/2006 | | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | 0.0024 | < 0.0005 | 0.0006 | < 0.0005 | < 0.0005 | 0.0043 | < 0.0004 | 0.0132 | 0.0003 | | | |
| North Chamber | 3/1/2006 | | < 0.005 | < 0.004 | < 0.005 | < 0.004 | < 0.004 | < 0.005 | < 0.004 | < 0.005 | < 0.005 | 0.009 | < 0.004 | 0.006 | < 0.0002 | | | |
| North Chamber | 4/5/2006 | | < 0.005 | < 0.004 | < 0.005 | < 0.004 | < 0.004 | < 0.005 | < 0.004 | < 0.005 | < 0.005 | 0.011 | < 0.004 | 0.014 | < 0.0002 | | | |
| North Chamber | 5/29/2006 | < 0.000024 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | 0.001 | < 0.0005 | 0.0004 | < 0.0005 | < 0.0005 | 0.0095 | < 0.0004 | 0.0117 | 0.005 | | < 0.0005 | < 0.001 |
| North Chamber | 6/22/2006 | | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0005 | 0.0013 | < 0.0004 | 0.0019 | < 0.0002 | | | |
| North Chamber | 7/11/2006 | | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0005 | < 0.0003 | < 0.0004 | < 0.0004 | < 0.0002 | | | |
| North Chamber | 8/8/2006 | | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0005 | < 0.0003 | < 0.0004 | < 0.0004 | < 0.0002 | | | |
| North Chamber | 9/13/2006 | | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0005 | < 0.0003 | < 0.0004 | 0.0023 | < 0.0002 | | | |
| North Chamber | 10/5/2006 | | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | 0.0008 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0005 | 0.0008 | < 0.0004 | 0.004 | < 0.0002 | | | |
| North Chamber | 11/16/2006 | | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | 0.002 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0005 | 0.0091 | < 0.0004 | 0.0125 | < 0.0002 | | | |
| North Chamber | 12/6/2006 | | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | 0.0018 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0005 | 0.0083 | < 0.0004 | 0.009 | 0.0004 | | | |
| North Chamber | 9-Jan-07 | | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | 0.0035 | < 0.0005 | 0.0009 | < 0.0005 | 92 | < 0.0005 | < 0.0004 | 0.0111 | 0.0004 | | | |
| North Chamber | 22-Feb-07 | | | | | | | | | | | | | | 0.0003 | | | |
| North Chamber | 15-Mar-07 | | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | 0.0048 | < 0.0005 | < 0.0004 | < 0.0005 | 100 | < 0.0005 | < 0.0004 | 0.0074 | 0.0003 | | | |
| North Chamber | 17-Apr-07 | 0.000024 | < 0.005 | < 0.004 | < 0.005 | < 0.004 | < 0.004 | < 0.005 | < 0.004 | < 0.005 | 119 | < 0.005 | < 0.004 | 0.01 | < 0.0002 | | < 0.0005 | 0.001 |
| North Chamber | 8-May-07 | | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0005 | 111 | < 0.0005 | < 0.0004 | < 0.0004 | < 0.0002 | | | |
| North Chamber | 5-Jun-07 | | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0004 | < 0.0005 | < 0.0004 | < 0.0005 | 107 | < 0.0005 | < 0.0004 | < 0.0004 | < 0.0002 | | | |
| North Chamber | 5-Jul-07 | | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | 0.0008 | < 0.0005 | < 0.0004 | < 0.0005 | 102 | < 0.0005 | < 0.0004 | 0.0087 | < 0.0002 | | | |
| North Chamber | 16-Aug-07 | | < 0.0005 | < 0.0004 | 0.0006 | < 0.0004 | 0.0013 | < 0.0005 | < 0.0004 | < 0.0005 | 92 | < 0.0005 | < 0.0004 | 0.0078 | < 0.0002 | | | |
| North Chamber | 14-Sep-07 | | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | 0.0013 | < 0.0005 | < 0.0004 | < 0.0005 | 110 | < 0.0005 | < 0.0004 | 0.0088 | 0.0006 | | | |
| North Chamber | 15-Oct-07 | < 0.00002 | < 0.0005 | < 0.0004 | 0.001 | < 0.0004 | 0.0006 | < 0.0005 | < 0.0004 | < 0.0005 | 107 | < 0.0005 | < 0.0004 | 0.0052 | < 0.0002 | | < 0.0005 | < 0.001 |
| North Chamber | 12-Nov-07 | | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | 0.002 | < 0.0005 | < 0.0004 | < 0.0005 | 119 | < 0.0005 | < 0.0004 | 0.0118 | < 0.0002 | | | |
| North Chamber | 5-Dec-07 | | 0.0016 | < 0.0004 | < 0.0005 | < 0.0004 | 0.0013 | < 0.0005 | < 0.0004 | < 0.0005 | 108 | < 0.0005 | < 0.0004 | 0.0113 | < 0.0002 | | | |
| North Chamber | 8-Jan-08 | | 0.0022 | < 0.0004 | < 0.0005 | < 0.0004 | 0.0071 | < 0.0005 | 0.0006 | < 0.0005 | < 0.0005 | < 0.0003 | < 0.0004 | 0.0168 | < 0.0002 | | | |
| North Chamber | 14-Feb-08 | | < 0.001 | < 0.001 | < 0.002 | < 0.002 | 0.002 | < 0.001 | < 0.002 | < 0.002 | < 0.001 | | < 0.002 | 0.01 | 0.00044 | | | |
| North Chamber | 17-Mar-08 | | < 0.002 | < 0.002 | < 0.004 | < 0.004 | 0.002 | < 0.002 | < 0.004 | < 0.004 | < 0.002 | 0.01 | < 0.004 | 0.012 | 0.00041 | | | |
| North Chamber | 3-Apr-08 | | < 0.003 | < 0.003 | < 0.005 | < 0.005 | < 0.003 | < 0.003 | < 0.005 | < 0.005 | < 0.003 | 0.011 | < 0.005 | 0.011 | 0.00038 | | | |
| North Chamber | 12 & 15 May-08 | < 0.00002 | < 0.0005 | < 0.0005 | < 0.001 | < 0.001 | 0.0014 | < 0.0005 | < 0.001 | < 0.001 | < 0.0005 | 0.007 | < 0.001 | 0.009 | 0.0004 | | < 0.0005 | < 0.001 |
| North Chamber | 9-Jun-08 | | < 0.002 | < 0.002 | < 0.004 | < 0.004 | < 0.002 | < 0.002 | < 0.004 | < 0.004 | < 0.002 | | < 0.004 | 0.007 | 0.00051 | | | |
| North Chamber | 2-Jul-08 | | < 0.002 | < 0.002 | < 0.004 | < 0.004 | < 0.002 | < 0.002 | < 0.004 | < 0.004 | < 0.002 | | < 0.004 | 0.008 | 0.00058 | | | |
| North Chamber | 20-Aug-08 | | < 0.0003 | < 0.0003 | < 0.0005 | < 0.0005 | < 0.0003 | < 0.0003 | < 0.0005 | < 0.0005 | < 0.0003 | | < 0.0005 | 0.001 | < 0.00005 | | | |
| North Chamber | 14-Oct-08 | | < 0.001 | < 0.001 | < 0.002 | < 0.002 | < 0.001 | < 0.001 | < 0.002 | < 0.002 | < 0.001 | | < 0.002 | 0.007 | 0.00063 | | | |
| North Chamber | 17-Nov-08 | < 0.0002 | < 0.002 | < 0.002 | < 0.004 | < 0.004 | < 0.002 | < 0.002 | < 0.004 | < 0.004 | < 0.002 | 0.008 | < 0.004 | 0.009 | 0.0007 | | < 0.0005 | |
| North Chamber | 9-Dec-08 | | < 0.001 | < 0.001 | < 0.002 | < 0.002 | < 0.001 | < 0.001 | < 0.002 | < 0.002 | < 0.001 | | < 0.002 | 0.006 | 0.0004 | | | |

| Location | Sampling Date | 2,4,6-Trichloro phenol mg/L | 2,4-Dichloro phenol mg/L | 2,4-dichloro phenoxyacetic acid mg/L | 2-Methyl naphthalene mg/L | 4,4-DDD mg/L | 4,4-DDE mg/L | 4,4-DDT mg/L | Ace naphthene mg/L | Ace naphthylene mg/L | a-Chlordane mg/L | Alachlor mg/L | Aldicarb mg/L | Aldrin + Dieldrin mg/L | Aldrin mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| North Chamber | 2/4/2000 | | | | | | | | | | | | | | | 5180 | 0.04 | 590 |
| North Chamber | 3/1/2000 | | | | | | | | | | | | | | | 4630 | 0.15 | 590 |
| North Chamber | 4/7/2000 | | | | | | | | | | | | | | | 4002 | 0.03 | 375 |
| North Chamber | 5/5/2000 | | | | | | | | | | | | | | | 3700 | 0.09 | 330 |
| North Chamber | 6/1/2000 | | | | | | | | | | | | | | | 3450 | *ND* | 310 |
| North Chamber | 7/4/2000 | | | | | | | | | | | | | | | 4240 | 0.13 | 416 |
| North Chamber | 7/31/2000 | | | | | | | | | | | | | | | 3210 | | 393 |
| North Chamber | 8/29/2000 | | | | | | | | | | | | | | | 4220 | 0.1 | 439 |
| North Chamber | 10/4/2000 | | | | | | | | | | | | | | | 4930 | | 650 |
| North Chamber | 10/30/2000 | | | | | | | | | | | | | | | 4180 | 0.35 | 465 |
| North Chamber | 12/7/2000 | | | | | | | | | | | | | | | 2390 | 0.18 | 202 |
| North Chamber | 1/3/2001 | | | | | | | | | | | | | | | 2950 | 0.14 | 220 |
| North Chamber | 2/2/2001 | | | | | | | | | | | | | | | 3560 | 1.55 | 162 |
| North Chamber | 3/3/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 3/7/2001 | | | | | | | | | | | | | | | 3130 | 0.08 | 244 |
| North Chamber | 4/5/2001 | | | | | | | | | | | | | | | 2580 | 0.06 | 186 |
| North Chamber | 5/3/2001 | | | | | | | | | | | | | | | | | *ND* |
| North Chamber | 6/6/2001 | | | | | | | | | | | | | | | 3550 | 0.09 | 340 |
| North Chamber | 7/4/2001 | | | | | | | | | | | | | | | 4320 | 0.1 | 392 |
| North Chamber | 8/8/2001 | | | | | | | | | | | | | | | 4910 | 0.11 | 489 |
| North Chamber | 9/5/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 9/6/2001 | | | | | | | | | | | | | | | 3900 | *ND* | 359 |
| North Chamber | 10/2/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 10/3/2001 | | | | | | | | | | | | | | | 4270 | 0.29 | 367 |
| North Chamber | 11/1/2001 | | | | | | | | | | | | | | | 5160 | 0.18 | 459 |
| North Chamber | 12/5/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 12/7/2001 | | | | | | | | | | | | | | | 3420 | 0.25 | 354 |
| North Chamber | 1/9/2002 | | | | | | | | | | | | | | | 3150 | | 260 |
| North Chamber | 2/6/2002 | | | | | | | | | | | | | | | 2670 | 0.38 | 209 |
| North Chamber | 3/7/2002 | | | | | | | | | | | | | | | 2080 | 0.17 | 119 |
| North Chamber | 4/8/2002 | | | | | | | | | | | | | | | 1620 | 0.13 | 14.8 |
| North Chamber | 5/6/2002 | | | | | | | | | | | | | | | 2490 | 0.12 | 195 |
| North Chamber | 6/7/2002 | | | | | | | | | | | | | | | 2410 | 0.15 | 146 |
| North Chamber | 7/3/2002 | | | | | | | | | | | | | | | 3570 | 0.12 | 247 |
| North Chamber | 8/1/2002 | | | | | | | | | | | | | | | 5010 | 0.14 | 526 |
| North Chamber | 9/3/2002 | | | | | | | | | | | | | | | 5440 | 0.26 | 540 |
| North Chamber | 10/2/2002 | | | | | | | | | | | | | | | 4980 | 2.19 | 480 |
| North Chamber | 11/1/2002 | | | | | | | | | | | | | | | 3870 | 0.67 | 431 |
| North Chamber | 12/16/2002 | | | | | | | | | | | | | | | 3790 | 2.21 | 379 |
| North Chamber | 1/11/2003 | | | | | | | | | | | | | | | 3940 | 0.08 | 323 |
| North Chamber | 2/10/2003 | | | | | | | | | | | | | | | 2810 | | 233 |
| North Chamber | 2/12/2003 | | | | | | | | | | | | | | | | 0.05 | |
| North Chamber | 3/3/2003 | | | | | | | | | | | | | | | 3550 | 0.12 | 318 |
| North Chamber | 4/1/2003 | | | | | | | | < 0.0001 | < 0.0001 | | | | | | 1800 | 0.07 | 103 |
| North Chamber | 5/8/2003 | | | | | | | | < 0.0001 | < 0.0001 | | | | | | 1170 | 0.28 | 84 |
| North Chamber | 6/3/2003 | | | | | | | | | | | | | | | 3260 | 0.28 | 248 |
| North Chamber | 7/4/2003 | | | | | | | | < 0.0017 | < 0.0015 | | | | | | 4310 | 0.4 | 362 |
| North Chamber | 8/5/2003 | | | | | | | | < 0.0017 | < 0.0015 | | | | | | 4930 | | 124 |
| North Chamber | 9/2/2003 | | | | | | | | < 0.0017 | < 0.0015 | | | | | | 4730 | | 504 |
| North Chamber | 10/3/2003 | | | | | | | | < 0.017 | < 0.015 | | | | | | 4230 | | 417 |
| North Chamber | 11/3/2003 | | | | | | | | < 0.0017 | < 0.0015 | | | | | | 567 | | 29 |
| North Chamber | 12/5/2003 | | | | | | | | < 0.0017 | < 0.0015 | | | | | | 1520 | | 95 |
| North Chamber | 1/7/2004 | | | | | | | | < 0.0017 | < 0.0015 | | | | | | 456 | | 16.6 |
| North Chamber | 2/11/2004 | | | | | | | | < 0.0017 | < 0.0015 | | | | | | 3050 | | 269 |
| North Chamber | 3/4/2004 | | | | | | | | < 0.0017 | < 0.0015 | | | | | | 630 | | 28 |
| North Chamber | 4/20/2004 | | | | | | | | < 0.0017 | < 0.0015 | | | | | | 2580 | | 230 |
| North Chamber | 5/6/2004 | | | | | | | | < 0.0017 | < 0.0015 | | | | | | 2300 | 0.2 | 172 |
| North Chamber | 6/2/2004 | | | | | | | | < 0.0017 | < 0.0015 | | | | | | 2630 | | 180 |
| North Chamber | 7/6/2004 | < 0.0005 | < 0.0005 | < 0.001 | | < 0.000006 | < 0.000006 | < 0.000006 | < 0.0017 | < 0.0015 | < 0.000006 | < 0.0005 | < 0.005 | < 0.000012 | < 0.000006 | 4650 | 0.3 | 504 |
| North Chamber | 8/10/2004 | | | | | | | | 0.0017 | 0.0015 | | | | | | 3170 | | 294 |
| North Chamber | 10/6/2004 | | | | | | | | < 0.0017 | < 0.0015 | | | | | | 3840 | | 391 |
| North Chamber | 11/16/2004 | < 0.005 | < 0.005 | < 0.01 | | < 0.000006 | < 0.000006 | < 0.000006 | | | < 0.000006 | < 0.005 | < 0.05 | < 0.000012 | < 0.000006 | | 1.29 | |
| North Chamber | 12/1/2004 | | | | | | | | < 0.0017 | < 0.0015 | | | | | | 2250 | | 201 |

| Location | Sampling Date | 2,4,6-Trichloro phenol mg/L | 2,4-Dichloro phenol mg/L | 2,4-dichloro phenoxyacetic acid mg/L | 2-Methyl naphthalene mg/L | 4,4-DDD mg/L | 4,4-DDE mg/L | 4,4-DDT mg/L | Ace naphthene mg/L | Ace naphthylene mg/L | a-Chlordane mg/L | Alachlor mg/L | Aldicarb mg/L | Aldrin + Dieldrin mg/L | Aldrin mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| North Chamber | 1/7/2005 | | | | | | | | < 0.0017 | < 0.0015 | | | | | | 2080 | | 132 |
| North Chamber | 1/25/2005 | | | | | | | | < 0.0017 | < 0.0015 | | | | | | 2400 | | 195 |
| North Chamber | 3/1/2005 | | | | | | | | < 0.0017 | < 0.0015 | | | | | | 4180 | | 431 |
| North Chamber | 3/30/2005 | | | | | | | | < 0.0017 | < 0.0015 | | | | | | 3900 | | 374 |
| North Chamber | 5/5/2005 | < 0.0005 | < 0.0005 | < 0.001 | < 0.0002 | < 0.000006 | < 0.000006 | < 0.000006 | < 0.0002 | < 0.0002 | < 0.000006 | < 0.0005 | < 0.009 | < 0.000012 | < 0.000006 | 431 | 0.06 | 8.39 |
| North Chamber | 6/3/2005 | | | | | | | | < 0.0017 | < 0.0015 | | | | | | 420 | | 2.6 |
| North Chamber | 7/7/2005 | | | | < 0.0002 | | | | < 0.0002 | < 0.0002 | | | | | | 668 | | 32 |
| North Chamber | 8/9/2005 | | | | 0.0004 | | | | 0.0005 | < 0.0002 | | | | | | 2250 | | 212 |
| North Chamber | 9/23/2005 | | | | < 0.0002 | | | | < 0.0017 | < 0.0015 | | | | | | 446 | | 5.51 |
| North Chamber | 10/6/2005 | | | | | | | | < 0.0085 | < 0.0075 | | | | | | 1300 | | 92.8 |
| North Chamber | 12/1/2005 | | | | < 0.0002 | | | | < 0.0002 | < 0.0002 | | | | | | 2010 | | 171 |
| North Chamber | 1/12/2006 | | | | < 0.0002 | | | | < 0.0002 | < 0.0002 | | | | | | 1830 | | 131 |
| North Chamber | 2/2/2006 | | | | 0.0005 | | | | 0.0003 | < 0.0002 | | | | | | 2340 | | 181 |
| North Chamber | 3/1/2006 | | | | 0.0003 | | | | 0.0002 | < 0.0002 | | | | | | 1730 | | 129 |
| North Chamber | 4/5/2006 | | | | < 0.0002 | | | | < 0.0002 | < 0.0002 | | | | | | 2160 | | 159 |
| North Chamber | 5/29/2006 | < 0.0005 | < 0.0005 | < 0.001 | 0.011 | < 0.00001 | < 0.000006 | < 0.000006 | < 0.004 | < 0.004 | < 0.000006 | < 0.0005 | < 0.005 | < 0.000012 | < 0.000006 | 2770 | 0.5 | 245 |
| North Chamber | 6/22/2006 | | | | < 0.0002 | | | | < 0.0002 | < 0.0002 | | | | | | 793 | | 54 |
| North Chamber | 7/11/2006 | | | | < 0.0002 | | | | < 0.0002 | < 0.0002 | | | | | | 411 | | 6 |
| North Chamber | 8/8/2006 | | | | < 0.0002 | | | | < 0.0002 | < 0.0002 | | | | | | 409 | | 2.84 |
| North Chamber | 9/13/2006 | | | | < 0.0002 | | | | < 0.0002 | < 0.0002 | | | | | | 1240 | | 114 |
| North Chamber | 10/5/2006 | | | | < 0.0002 | | | | < 0.0002 | < 0.0002 | | | | | | 1380 | | 141 |
| North Chamber | 11/16/2006 | | | | < 0.0002 | | | | < 0.0002 | < 0.0002 | | | | | | 2230 | | 214 |
| North Chamber | 12/6/2006 | | | | 0.0006 | | | | 0.0003 | < 0.0002 | | | | | | 2240 | | 238 |
| North Chamber | 9-Jan-07 | | | | 0.0006 | | | | 0.0002 | < 0.0002 | | | | | | 2200 | | 244 |
| North Chamber | 22-Feb-07 | | | | 0.0004 | | | | < 0.0002 | < 0.0002 | | | | | | 3710 | | 432 |
| North Chamber | 15-Mar-07 | | | | 0.0003 | | | | 0.0003 | < 0.0002 | | | | | | 2360 | | 263 |
| North Chamber | 17-Apr-07 | < 0.0005 | < 0.001 | 0.001 | < 0.0002 | 0.000006 | 0.000006 | 0.000006 | < 0.0002 | < 0.0002 | 0.000006 | 0.0005 | 0.005 | 0.000012 | 0.000006 | 2020 | 0.1 | 200 |
| North Chamber | 8-May-07 | | | | < 0.0002 | | | | < 0.0002 | < 0.0002 | | | | | | 257 | | 5.1 |
| North Chamber | 5-Jun-07 | | | | < 0.0002 | | | | < 0.0002 | < 0.0002 | | | | | | 336 | | 8 |
| North Chamber | 5-Jul-07 | | | | < 0.0002 | | | | < 0.0002 | < 0.0002 | | | | | | 2800 | | 291 |
| North Chamber | 16-Aug-07 | | | | 0.0002 | | | | < 0.0002 | < 0.0002 | | | | | | 6550 | | 897 |
| North Chamber | 14-Sep-07 | | | | 0.0006 | | | | 0.0004 | < 0.0002 | | | | | | 7560 | | 1050 |
| North Chamber | 15-Oct-07 | < 0.0005 | < 0.001 | < 0.001 | < 0.0002 | < 0.000006 | < 0.000006 | < 0.000006 | < 0.0002 | < 0.0002 | < 0.000006 | < 0.0005 | < 0.005 | < 0.00001 | < 0.000006 | 3120 | 0.2 | 325 |
| North Chamber | 12-Nov-07 | | | | < 0.0002 | | | | < 0.0002 | < 0.0002 | | | | | | 3160 | | 428 |
| North Chamber | 5-Dec-07 | | | | < 0.0002 | | | | < 0.0002 | < 0.0002 | | | | | | 2780 | | 330 |
| North Chamber | 8-Jan-08 | | | | < 0.0002 | | | | 0.0002 | < 0.0002 | | | | | | 1900 | | 171 |
| North Chamber | 14-Feb-08 | | | | 0.00067 | | | | 0.00037 | < 0.00005 | | | | | | 2570 | | 303 |
| North Chamber | 17-Mar-08 | | | | 0.0006 | | | | 0.00034 | < 0.00005 | | | | | | 2320 | | 247 |
| North Chamber | 3-Apr-08 | | | | 0.0005 | | | | 0.00033 | < 0.00005 | | | | | | 1750 | | 162 |
| North Chamber | 12 & 15 May-08 | < 0.0005 | < 0.0005 | < 0.001 | 0.00051 | < 0.000006 | < 0.000006 | < 0.000006 | 0.00048 | 0.00008 | < 0.000006 | < 0.0005 | < 0.005 | < 0.00001 | < 0.000006 | 2570 | 0.16 | 314 |
| North Chamber | 9-Jun-08 | | | | 0.00075 | | | | 0.00051 | < 0.00005 | | | | | | 2210 | | 255 |
| North Chamber | 2-Jul-08 | | | | 0.00084 | | | | 0.0006 | < 0.00005 | | | | | | 4610 | | 624 |
| North Chamber | 20-Aug-08 | | | | < 0.00005 | | | | < 0.00005 | < 0.00005 | | | | | | 417 | | 24.7 |
| North Chamber | 14-Oct-08 | | | | 0.00088 | | | | 0.00069 | 0.00011 | | | | | | 2350 | | 310 |
| North Chamber | 17-Nov-08 | | < 0.0005 | < 0.001 | 0.00085 | < 0.00006 | < 0.00006 | < 0.00006 | 0.00077 | 0.00044 | < 0.00006 | < 0.0005 | < 0.005 | < 0.0001 | < 0.00006 | 4620 | 0.34 | 677 |
| North Chamber | 9-Dec-08 | | | | 0.00063 | | | | 0.00049 | < 0.00005 | | | | | | 1020 | | 99 |

| Location | Sampling Date | Anthracene mg/L | Arsenic mg/L | Atrazine + N-dealkylated metabolites mg/L | Atrazine mg/L | Azinphos-methyl mg/L | Barium mg/L | Bendiocarb mg/L | Benzene mg/L | Benzo(a) anthracene mg/L | Benzo(a) pyrene mg/L | Benzo(b) fluoranthene mg/L | Benzo(g,h,i) perylene mg/L | Benzo(k) fluoranthene mg/L | Beryllium mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Bromo dichloro methane mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| North Chamber | 2/4/2000 | | | | | | | | | | | | | | | 2220 | | |
| North Chamber | 3/1/2000 | | | | | | | | | | | | | | | 2750 | | |
| North Chamber | 4/7/2000 | | | | | | | | | | | | | | | 2200 | | |
| North Chamber | 5/5/2000 | | | | | | | | | | | | | | | 3130 | | |
| North Chamber | 6/1/2000 | | | | | | | | | | | | | | | 2440 | | |
| North Chamber | 7/4/2000 | | | | | | | | | | | | | | | 2030 | | |
| North Chamber | 7/31/2000 | | | | | | | | | | | | | | | 2600 | | |
| North Chamber | 8/29/2000 | | | | | | | | | | | | | | | 3120 | | |
| North Chamber | 10/4/2000 | | | | | | 0.31 | | | | | | | | | | 6.64 | |
| North Chamber | 10/30/2000 | | | | | | | | | | | | | | | 3020 | | |
| North Chamber | 12/7/2000 | | | | | | | | | | | | | | | 1410 | | |
| North Chamber | 1/3/2001 | | | | | | | | | | | | | | | 963 | | |
| North Chamber | 2/2/2001 | | | | | | | | | | | | | | | 1470 | | |
| North Chamber | 3/3/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 3/7/2001 | | | | | | | | | | | | | | | 960 | | |
| North Chamber | 4/5/2001 | | | | | | | | | | | | | | | 1000 | | |
| North Chamber | 5/3/2001 | | 0.003 | | | | 0.21 | | | | | | | | | | 3.62 | |
| North Chamber | 6/6/2001 | | | | | | | | | | | | | | | 2050 | | |
| North Chamber | 7/4/2001 | | 0.002 | | | | | | | | | | | | *ND* | 1890 | 5.61 | |
| North Chamber | 8/8/2001 | | | | | | | | | | | | | | | 2000 | | |
| North Chamber | 9/5/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 9/6/2001 | | 0.004 | | | | 0.77 | | | | | | | | *ND* | | 4.85 | |
| North Chamber | 10/2/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 10/3/2001 | | 0.005 | | | | | | | | | | | | *ND* | 6195 | 4.51 | |
| North Chamber | 11/1/2001 | | 0.003 | | | | | | | | | | | | *ND* | 7110 | 8.31 | |
| North Chamber | 12/5/2001 | | | | | | | | | | | | | | | | | |
| North Chamber | 12/7/2001 | | 0.005 | | | | | | | | | | | | *ND* | 2540 | 3.67 | |
| North Chamber | 1/9/2002 | | 0.005 | | | | 0.31 | | | | | | | | *ND* | | 4.22 | |
| North Chamber | 2/6/2002 | | 0.003 | | | | | | | | | | | | *ND* | 2420 | 2.92 | |
| North Chamber | 3/7/2002 | | 0.003 | | | | | | | | | | | | *ND* | 718 | 1.85 | |
| North Chamber | 4/8/2002 | | 0.003 | | | | | | | | | | | | *ND* | 417 | 1.14 | |
| North Chamber | 5/6/2002 | | 0.005 | | | | | | | | | | | | *ND* | 932 | 2.14 | |
| North Chamber | 6/7/2002 | | 0.003 | | | | | | | | | | | | *ND* | 711 | 2.63 | |
| North Chamber | 7/3/2002 | | 0.007 | | | | | | | | | | | | *ND* | 1390 | 3.47 | |
| North Chamber | 8/1/2002 | | 0.008 | | | | | | | | | | | | *ND* | 7430 | 9.28 | |
| North Chamber | 9/3/2002 | | 0.006 | | | | | | | | | | | | *ND* | 3670 | 8.21 | |
| North Chamber | 10/2/2002 | | *ND* | | | | | | | | | | | | *ND* | 2750 | 7.84 | |
| North Chamber | 11/1/2002 | | *ND* | | | | | | | | | | | | *ND* | 343 | | |
| North Chamber | 12/16/2002 | | *ND* | | | | | | | | | | | | *ND* | *ND* | 5.02 | |
| North Chamber | 1/11/2003 | | 0.005 | | | | | | | | | | | | *ND* | 1000 | 4.24 | |
| North Chamber | 2/10/2003 | | | | | | | | | | | | | | | 753 | | |
| North Chamber | 2/12/2003 | | *ND* | | | | | | | | | | | | *ND* | | 2.86 | |
| North Chamber | 3/3/2003 | | *ND* | | | | | | | | | | | | *ND* | 663 | 3.93 | |
| North Chamber | 4/1/2003 | < 0.0001 | | | | | | | < 0.02 | < 0.0001 | < 0.0002 | < 0.0001 | < 0.0002 | < 0.0001 | 0 | 609 | | < 0.02 |
| North Chamber | 5/8/2003 | < 0.0001 | 0.002 | | | | | | < 0.005 | < 0.0001 | < 0.0001 | < 0.0001 | < 0.0002 | < 0.0001 | < 0.001 | 172 | 1.92 | < 0.003 |
| North Chamber | 6/3/2003 | | *ND* | | | | | | | | | | | | *ND* | 543 | 3.25 | |
| North Chamber | 7/4/2003 | < 0.0018 | 0.01 | | | | | | < 0.013 | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | < 0.01 | 1060 | 5 | < 0.02 |
| North Chamber | 8/5/2003 | < 0.0018 | < 0.01 | | | | | | < 0.013 | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | | | < 0.02 |
| North Chamber | 9/2/2003 | < 0.0018 | < 0.05 | | | | | | < 0.013 | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | | | < 0.02 |
| North Chamber | 10/3/2003 | < 0.018 | < 0.05 | | | | | | 0.0138 | < 0.016 | < 0.032 | < 0.031 | < 0.027 | < 0.024 | | | | < 0.002 |
| North Chamber | 11/3/2003 | < 0.0018 | 0.004 | | | | | | < 0.0013 | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | | | < 0.002 |
| North Chamber | 12/5/2003 | < 0.0018 | 0.008 | | | | | | < 0.013 | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | | | < 0.02 |
| North Chamber | 1/7/2004 | < 0.0018 | 0.003 | | | | | | < 0.0013 | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | | | < 0.002 |
| North Chamber | 2/11/2004 | < 0.0018 | < 0.05 | | | | | | 0.0114 | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | | | < 0.002 |
| North Chamber | 3/4/2004 | < 0.0018 | 0.004 | | | | | | < 0.0013 | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | | | < 0.002 |
| North Chamber | 4/20/2004 | < 0.0018 | < 0.05 | | | | | | 0.0125 | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | | | < 0.002 |
| North Chamber | 5/6/2004 | < 0.0018 | 0.01 | | | | 0.3 | | 0.0135 | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | < 0.01 | 168 | 2.5 | < 0.002 |
| North Chamber | 6/2/2004 | < 0.0018 | < 0.05 | | | | | | 0.0095 | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | | | < 0.002 |
| North Chamber | 7/6/2004 | < 0.0018 | 0.01 | < 0.001 | < 0.0005 | 0.02 | 0.4 | < 0.002 | 0.0071 | < 0.0016 | < 0.00001 | < 0.0031 | < 0.0027 | < 0.0024 | < 0.01 | 690 | 7.3 | < 0.002 |
| North Chamber | 8/10/2004 | < 0.0018 | < 0.05 | | | | | | 0.0037 | < 0.0016 | < 0.00001 | < 0.0031 | < 0.0027 | < 0.0024 | | | | |
| North Chamber | 10/6/2004 | < 0.0018 | < 0.05 | | | | | | 0.0068 | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | | | |
| North Chamber | 11/16/2004 | | | < 0.01 | < 0.005 | < 0.002 | 0.49 | < 0.02 | | | < 0.0001 | | | | < 0.001 | 450 | 5.58 | < 0.02 |
| North Chamber | 12/1/2004 | < 0.0018 | < 0.05 | | | | | | 0.0085 | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | | | |

| Location | Sampling Date | Anthracene mg/L | Arsenic mg/L | Atrazine + N-dealkylated metabolites mg/L | Atrazine mg/L | Azinphos-methyl mg/L | Barium mg/L | Bendiocarb mg/L | Benzene mg/L | Benzo(a) anthracene mg/L | Benzo(a) pyrene mg/L | Benzo(b) fluoranthene mg/L | Benzo(g,h,i) perylene mg/L | Benzo(k) fluoranthene mg/L | Beryllium mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Bromo dichloro methane mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| North Chamber | 1/7/2005 | < 0.0018 | < 0.05 | | | | | | 0.0104 | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | | | |
| North Chamber | 1/25/2005 | < 0.0018 | < 0.05 | | | | | | < 0.01 | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | | | |
| North Chamber | 3/1/2005 | < 0.0018 | < 0.05 | | | | | | 0.0042 | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | | | < 0.002 |
| North Chamber | 3/30/2005 | < 0.0018 | 0.07 | | | | | | 0.0062 | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | | | < 0.002 |
| North Chamber | 5/5/2005 | < 0.0002 | 0.003 | < 0.0002 | < 0.0002 | < 0.002 | 0.17 | < 0.002 | < 0.0013 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.001 | 8 | 0.99 | < 0.002 |
| North Chamber | 6/3/2005 | < 0.0018 | 0.003 | | | | | | < 0.0013 | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | | | < 0.002 |
| North Chamber | 7/7/2005 | < 0.0002 | 0.008 | | | | | | 0.0013 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 |
| North Chamber | 8/9/2005 | 0.0006 | < 0.01 | | | | | | 0.009 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.003 |
| North Chamber | 9/23/2005 | < 0.0018 | 0.005 | | | | | | < 0.0013 | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | | | < 0.002 |
| North Chamber | 10/6/2005 | < 0.009 | < 0.01 | | | | | | 0.0025 | < 0.008 | < 0.016 | < 0.016 | < 0.014 | < 0.012 | | | | < 0.002 |
| North Chamber | 12/1/2005 | < 0.0002 | < 0.05 | | | | | | 0.011 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.003 |
| North Chamber | 1/12/2006 | < 0.0002 | < 0.01 | | | | | | 0.013 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.003 |
| North Chamber | 2/2/2006 | < 0.0002 | < 0.01 | | | | | | 0.0129 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 |
| North Chamber | 3/1/2006 | < 0.0002 | < 0.01 | | | | | | 0.01 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.003 |
| North Chamber | 4/5/2006 | < 0.0002 | < 0.01 | | | | | | 0.013 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.003 |
| North Chamber | 5/29/2006 | < 0.004 | < 0.01 | < 0.001 | < 0.0005 | < 0.002 | 0.3 | < 0.002 | 0.01 | < 0.004 | 0.000026 | < 0.004 | < 0.004 | < 0.004 | < 0.01 | 89 | 3.3 | < 0.0003 |
| North Chamber | 6/22/2006 | < 0.0002 | < 0.01 | | | | | | 0.0013 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 |
| North Chamber | 7/11/2006 | < 0.0002 | 0.003 | | | | | | < 0.0005 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 |
| North Chamber | 8/8/2006 | < 0.0002 | 0.005 | | | | | | < 0.0005 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 |
| North Chamber | 9/13/2006 | < 0.0002 | < 0.01 | | | | | | < 0.0005 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 |
| North Chamber | 10/5/2006 | < 0.0002 | < 0.01 | | | | | | < 0.0005 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 |
| North Chamber | 11/16/2006 | < 0.0002 | < 0.01 | | | | | | 0.0034 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 |
| North Chamber | 12/6/2006 | < 0.0002 | < 0.01 | | | | | | 0.0028 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 |
| North Chamber | 9-Jan-07 | < 0.0002 | 0.01 | | | | | | 0.0084 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 |
| North Chamber | 22-Feb-07 | 0.0003 | < 0.01 | | | | | | | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | | | |
| North Chamber | 15-Mar-07 | 0.0002 | < 0.01 | | | | | | 0.0069 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 |
| North Chamber | 17-Apr-07 | < 0.0002 | < 0.01 | 0.0005 | 0.0005 | 0.002 | 0.2 | | 0.009 | < 0.0002 | 0.00002 | < 0.0002 | < 0.0002 | < 0.0002 | 0.01 | 55 | 2.2 | 0.003 |
| North Chamber | 8-May-07 | < 0.0002 | 0.002 | | | | | | < 0.0005 | < 0.0002 | < 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 |
| North Chamber | 5-Jun-07 | < 0.0002 | 0.003 | | | | | | < 0.0005 | < 0.0002 | < 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 |
| North Chamber | 5-Jul-07 | < 0.0002 | < 0.01 | | | | | | 0.0014 | < 0.0002 | < 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 |
| North Chamber | 16-Aug-07 | < 0.0002 | 0.04 | | | | | | 0.0036 | < 0.0002 | 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 |
| North Chamber | 14-Sep-07 | < 0.0002 | < 0.05 | | | | | | 0.0019 | < 0.0002 | 0.00005 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 |
| North Chamber | 15-Oct-07 | < 0.0002 | 0.02 | < 0.001 | < 0.0005 | < 0.002 | 0.2 | | 0.0031 | < 0.0002 | 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.01 | 115 | 5.2 | 0.0003 |
| North Chamber | 12-Nov-07 | < 0.0002 | 0.02 | | | | | | 0.0042 | < 0.0002 | < 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 |
| North Chamber | 5-Dec-07 | < 0.0002 | 0.01 | | | | | | 0.0096 | < 0.0002 | < 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 |
| North Chamber | 8-Jan-08 | < 0.0002 | < 0.01 | | | | | | 0.0216 | < 0.0002 | < 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 |
| North Chamber | 14-Feb-08 | 0.00005 | 0.006 | | | | | | 0.01 | < 0.00005 | | < 0.00005 | < 0.0001 | < 0.00005 | | | | < 0.001 |
| North Chamber | 17-Mar-08 | < 0.00005 | 0.006 | | | | | | 0.011 | < 0.00005 | < 0.00001 | < 0.00005 | < 0.0001 | < 0.00005 | | | | < 0.002 |
| North Chamber | 3-Apr-08 | < 0.00005 | 0.004 | | | | | | 0.012 | < 0.00005 | < 0.00001 | < 0.00005 | < 0.0001 | < 0.00005 | | | | < 0.003 |
| North Chamber | 12 & 15 May-08 | 0.00011 | 0.007 | < 0.001 | < 0.0005 | < 0.03 | 0.31 | < 0.002 | 0.0044 | 0.00005 | 0.00001 | < 0.00005 | < 0.0001 | < 0.00005 | < 0.0006 | 140 | 3.7 | < 0.0005 |
| North Chamber | 9-Jun-08 | 0.00005 | 0.006 | | | | | | < 0.002 | < 0.00005 | 0.00002 | < 0.00005 | < 0.0001 | < 0.00005 | | | | < 0.002 |
| North Chamber | 2-Jul-08 | < 0.00005 | 0.01 | | | | | | 0.005 | 0.00009 | 0.00002 | < 0.00005 | < 0.0001 | < 0.00005 | | | | < 0.002 |
| North Chamber | 20-Aug-08 | < 0.00005 | 0.003 | | | | | | 0.0007 | < 0.00005 | < 0.00001 | < 0.00005 | < 0.0001 | < 0.00005 | | | | < 0.0003 |
| North Chamber | 14-Oct-08 | 0.00012 | 0.006 | | | | | | < 0.001 | < 0.00005 | 0.00002 | < 0.00005 | < 0.0001 | < 0.00005 | | | | < 0.001 |
| North Chamber | 17-Nov-08 | 0.00014 | 0.013 | < 0.001 | < 0.0005 | < 0.05 | 0.3 | < 0.002 | 0.008 | 0.00009 | 0.00002 | < 0.00005 | < 0.0001 | < 0.00005 | < 0.006 | 87 | 5 | < 0.002 |
| North Chamber | 9-Dec-08 | < 0.00005 | 0.003 | | | | | | 0.003 | < 0.00005 | < 0.00001 | < 0.00005 | < 0.0001 | < 0.00005 | | | | < 0.001 |

| Location | Sampling Date | Bromoform mg/L | Bromo methane mg/L | Bromo xynil mg/L | Cadmium mg/L | Calcium mg/L | Carbaryl mg/L | Carbofuran mg/L | Carbon Tetrachloride mg/L | Chemical Oxygen Demand mg/L | Chlordane (total) mg/L | Chloride mg/L | Chloro dibromo methane mg/L | Chloro ethane mg/L | Chloroform mg/L | Chloro methane mg/L | Chlor pyrifos mg/L | Chromium mg/L | Chrysene mg/L | Cis-1,2-Dichloro ethylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| North Chamber | 2/4/2000 | | | | *ND* | 492 | | | | 6510 | | 1620 | | | | | | *ND* | | |
| North Chamber | 3/1/2000 | | | | *ND* | 426 | | | | 5300 | | 1200 | | | | | | 0.04 | | |
| North Chamber | 4/7/2000 | | | | *ND* | 392 | | | | 3720 | | 809 | | | | | | 0.03 | | |
| North Chamber | 5/5/2000 | | | | 0.007 | 498 | | | | 3780 | | 1000 | | | | | | 0.03 | | |
| North Chamber | 6/1/2000 | | | | *ND* | 456 | | | | 3370 | | 1090 | | | | | | 0.03 | | |
| North Chamber | 7/4/2000 | | | | *ND* | 762 | | | | 2960 | | 1340 | | | | | | 0.03 | | |
| North Chamber | 7/31/2000 | | | | *ND* | 540 | | | | 3850 | | 1050 | | | | | | 0.02 | | |
| North Chamber | 8/29/2000 | | | | *ND* | 459 | | | | 4000 | | 1120 | | | | | | 0.03 | | |
| North Chamber | 10/4/2000 | | | | *ND* | 403 | | | | 7600 | | 1470 | | | | | | 0.05 | | |
| North Chamber | 10/30/2000 | | | | *ND* | 349 | | | | 4750 | | 1240 | | | | | | 0.04 | | |
| North Chamber | 12/7/2000 | | | | *ND* | 506 | | | | 1630 | | 730 | | | | | | 0.02 | | |
| North Chamber | 1/3/2001 | | | | *ND* | 367 | | | | 1530 | | 840 | | | | | | 0.02 | | |
| North Chamber | 2/2/2001 | | | | *ND* | 537 | | | | 2750 | | 1080 | | | | | | 0.04 | | |
| North Chamber | 3/3/2001 | | | | | | | | | | | | | | | | | | | |
| North Chamber | 3/7/2001 | | | | *ND* | 342 | | | | 1600 | | 563 | | | | | | 0.03 | | |
| North Chamber | 4/5/2001 | | | | *ND* | 338 | | | | 1450 | | 488 | | | | | | 0.03 | | |
| North Chamber | 5/3/2001 | | | | *ND* | | | | | | | | | | | | | 0.03 | | |
| North Chamber | 6/6/2001 | | | | *ND* | 466 | | | | 4000 | | 802 | | | | | | 0.02 | | |
| North Chamber | 7/4/2001 | | | | *ND* | 369 | | | | 2410 | | 1400 | | | | | | 0.05 | | |
| North Chamber | 8/8/2001 | | | | *ND* | 215 | | | | 3530 | | 1130 | | | | | | 0.05 | | |
| North Chamber | 9/5/2001 | | | | | | | | | | | | | | | | | | | |
| North Chamber | 9/6/2001 | | | | *ND* | 650 | | | | 3660 | | 1070 | | | | | | 0.03 | | |
| North Chamber | 10/2/2001 | | | | | | | | | | | | | | | | | | | |
| North Chamber | 10/3/2001 | | | | *ND* | 806 | | | | 9195 | | 896 | | | | | | 0.03 | | |
| North Chamber | 11/1/2001 | | | | *ND* | 827 | | | | 12760 | | 1120 | | | | | | 0.03 | | |
| North Chamber | 12/5/2001 | | | | | | | | | | | | | | | | | | | |
| North Chamber | 12/7/2001 | | | | *ND* | 348 | | | | 3940 | | 865 | | | | | | 0.02 | | |
| North Chamber | 1/9/2002 | | | | *ND* | 376 | | | | 2570 | | 734 | | | | | | 0.038 | | |
| North Chamber | 2/6/2002 | | | | *ND* | 417 | | | | 4120 | | 684 | | | | | | 0.052 | | |
| North Chamber | 3/7/2002 | | | | *ND* | 340 | | | | 1230 | | 366 | | | | | | 0.032 | | |
| North Chamber | 4/8/2002 | | | | *ND* | 288 | | | | 512 | | 331 | | | | | | 0.052 | | |
| North Chamber | 5/6/2002 | | | | *ND* | 366 | | | | 1620 | | 447 | | | | | | 0.02 | | |
| North Chamber | 6/7/2002 | | | | *ND* | 419 | | | | 1150 | | 403 | | | | | | 0.02 | | |
| North Chamber | 7/3/2002 | | | | 0.001 | 416 | | | | 2240 | | 665 | | | | | | 0.06 | | |
| North Chamber | 8/1/2002 | | | | *ND* | 464 | | | | 10100 | | 1190 | | | | | | 0.172 | | |
| North Chamber | 9/3/2002 | | | | *ND* | 349 | | | | 5610 | | 1390 | | | | | | 0.045 | | |
| North Chamber | 10/2/2002 | | | | *ND* | 323 | | | | 4240 | | 1240 | | | | | | 0.058 | | |
| North Chamber | 11/1/2002 | | | | *ND* | 321 | | | | 2480 | | 957 | | | | | | 0.047 | | |
| North Chamber | 12/16/2002 | | | | *ND* | 300 | | | | 2120 | | 1060 | | | | | | 0.066 | | |
| North Chamber | 1/11/2003 | | | | *ND* | 291 | | | | 2110 | | 1050 | | | | | | 0.027 | | |
| North Chamber | 2/10/2003 | | | | | | | | | 1340 | | 673 | | | | | | | | |
| North Chamber | 2/12/2003 | | | | *ND* | 288 | | | | | | | | | | | | 0.007 | | |
| North Chamber | 3/3/2003 | | | | *ND* | 291 | | | | 1530 | | 1060 | | | | | | 0.025 | | |
| North Chamber | 4/1/2003 | < 0.02 | < 0.02 | | < 0.001 | 352 | | | < 0.04 | 1170 | | 591 | < 0.02 | < 0.05 | < 0.02 | < 0.05 | | < 0.012 | < 0.0002 | < 0.02 |
| North Chamber | 5/8/2003 | < 0.004 | < 0.005 | | < 0.001 | 228 | | | < 0.009 | 575 | | 899 | < 0.003 | < 0.01 | < 0.005 | < 0.01 | | 0.009 | < 0.0002 | < 0.004 |
| North Chamber | 6/3/2003 | | | | *ND* | 323 | | | | 1280 | | 748 | | | | | | 0.024 | | |
| North Chamber | 7/4/2003 | < 0.019 | < 0.005 | | < 0.01 | 320 | | | < 0.013 | 2320 | | 1100 | < 0.023 | < 0.01 | < 0.014 | < 0.01 | | < 0.05 | < 0.0033 | < 0.012 |
| North Chamber | 8/5/2003 | < 0.019 | < 0.005 | | < 0.01 | 220 | | | < 0.013 | | | | < 0.023 | < 0.01 | < 0.014 | < 0.01 | | < 0.05 | < 0.0033 | < 0.012 |
| North Chamber | 9/2/2003 | < 0.019 | < 0.005 | | < 0.001 | 205 | | | < 0.013 | | | | < 0.023 | < 0.01 | < 0.014 | < 0.01 | | 0.043 | < 0.0033 | < 0.012 |
| North Chamber | 10/3/2003 | < 0.0019 | < 0.0005 | | < 0.001 | 237 | | | < 0.0013 | | | | < 0.0023 | 0.0057 | < 0.0014 | < 0.001 | | 0.044 | < 0.033 | 0.0022 |
| North Chamber | 11/3/2003 | < 0.0019 | < 0.0005 | | < 0.001 | 136 | | | < 0.0013 | | | | < 0.0023 | < 0.001 | < 0.0014 | < 0.001 | | 0.015 | < 0.0033 | < 0.0012 |
| North Chamber | 12/5/2003 | < 0.019 | < 0.005 | | < 0.001 | 218 | | | < 0.013 | | | | < 0.023 | < 0.01 | < 0.014 | < 0.01 | | 0.091 | < 0.0033 | < 0.012 |
| North Chamber | 1/7/2004 | < 0.0019 | < 0.0005 | | < 0.001 | 107 | | | < 0.0013 | | | | < 0.0023 | < 0.001 | < 0.0014 | < 0.001 | | 0.023 | < 0.0033 | < 0.0012 |
| North Chamber | 2/11/2004 | < 0.0019 | < 0.0005 | | < 0.001 | 303 | | | < 0.0013 | | | | < 0.0023 | < 0.001 | < 0.0014 | < 0.001 | | 0.032 | < 0.0033 | 0.0017 |
| North Chamber | 3/4/2004 | < 0.0019 | < 0.0005 | | < 0.001 | 85 | | | < 0.0013 | | | | < 0.0023 | < 0.001 | < 0.0014 | < 0.001 | | 0.028 | < 0.0033 | < 0.0012 |
| North Chamber | 4/20/2004 | < 0.0019 | < 0.0005 | | < 0.001 | 271 | | | < 0.0013 | | | | < 0.0023 | 0.005 | < 0.0014 | < 0.001 | | 0.03 | < 0.0033 | < 0.0012 |
| North Chamber | 5/6/2004 | < 0.0019 | | | < 0.001 | 272 | | | | | | | < 0.0023 | | < 0.0014 | | | < 0.01 | < 0.0033 | |
| North Chamber | 6/2/2004 | < 0.0019 | < 0.0005 | | 0.001 | 252 | | | < 0.0013 | | | | < 0.0023 | < 0.001 | < 0.0014 | < 0.001 | | 0.049 | < 0.0033 | < 0.0012 |
| North Chamber | 7/6/2004 | < 0.0019 | < 0.0005 | < 0.0005 | < 0.001 | 227 | < 0.005 | < 0.005 | < 0.0013 | | < 0.000012 | | < 0.0023 | 0.0065 | < 0.0014 | < 0.001 | < 0.001 | 0.18 | < 0.0033 | < 0.0012 |
| North Chamber | 8/10/2004 | | | | < 0.001 | 21 | | | | | | | | | | | | < 0.01 | < 0.0033 | |
| North Chamber | 10/6/2004 | | | | < 0.001 | 176 | | | | | | | | | | | | 0.044 | < 0.0033 | |
| North Chamber | 11/16/2004 | < 0.019 | | < 0.005 | | 25 | < 0.05 | < 0.05 | | | < 0.000012 | | < 0.023 | | < 0.014 | | < 0.01 | | | |
| North Chamber | 12/1/2004 | | | | 0.003 | 220 | | | | | | | | | | | | 0.028 | < 0.0033 | |

| Location | Sampling Date | Bromoform mg/L | Bromo methane mg/L | Bromo xynil mg/L | Cadmium mg/L | Calcium mg/L | Carbaryl mg/L | Carbofuran mg/L | Carbon Tetrachloride mg/L | Chemical Oxygen Demand mg/L | Chlordane (total) mg/L | Chloride mg/L | Chloro dibromo methane mg/L | Chloro ethane mg/L | Chloroform mg/L | Chloro methane mg/L | Chlor pyrifos mg/L | Chromium mg/L | Chrysene mg/L | Cis-1,2-Dichloro ethylene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| North Chamber | 1/7/2005 | | | | < 0.001 | 289 | | | | | | | | | | | | 0.018 | < 0.0033 | |
| North Chamber | 1/25/2005 | | | | < 0.001 | 300 | | | | | | | | | | | | < 0.005 | < 0.0033 | |
| North Chamber | 3/1/2005 | < 0.0019 | < 0.0005 | | 0.001 | 257 | | | < 0.0013 | | | | < 0.0023 | 0.004 | < 0.0014 | < 0.001 | | 0.04 | < 0.0033 | < 0.0012 |
| North Chamber | 3/30/2005 | < 0.0019 | < 0.0005 | | 0.001 | 259 | | | < 0.0013 | | | | < 0.0023 | < 0.001 | < 0.0014 | < 0.001 | | 0.081 | < 0.0033 | < 0.0012 |
| North Chamber | 5/5/2005 | < 0.0019 | < 0.0005 | < 0.0005 | < 0.0001 | 39 | < 0.005 | < 0.005 | < 0.0013 | | < 0.000018 | | < 0.0023 | < 0.001 | < 0.0014 | < 0.001 | < 0.001 | 0.002 | < 0.0002 | < 0.0012 |
| North Chamber | 6/3/2005 | < 0.0019 | < 0.0005 | | < 0.0001 | 36 | | | < 0.0013 | | | | < 0.0023 | < 0.001 | < 0.0014 | < 0.001 | | 0.004 | < 0.0033 | < 0.0012 |
| North Chamber | 7/7/2005 | < 0.0004 | | | < 0.0001 | 37 | | | < 0.0005 | | | | < 0.0003 | | < 0.0005 | < 0.001 | | < 0.005 | < 0.0002 | < 0.0004 |
| North Chamber | 8/9/2005 | < 0.004 | < 0.005 | | < 0.001 | 99 | | | < 0.005 | | | | < 0.003 | < 0.01 | < 0.005 | < 0.01 | | 0.02 | < 0.0002 | < 0.004 |
| North Chamber | 9/23/2005 | < 0.0019 | < 0.0005 | | < 0.0001 | 21 | | | < 0.0013 | | | | < 0.0023 | < 0.001 | < 0.0014 | < 0.001 | | 0.007 | < 0.0033 | < 0.0012 |
| North Chamber | 10/6/2005 | < 0.0019 | < 0.0005 | | < 0.001 | 131 | | | < 0.0013 | | | | < 0.0023 | 0.0012 | < 0.0014 | < 0.001 | | 0.009 | < 0.016 | < 0.0012 |
| North Chamber | 12/1/2005 | < 0.004 | < 0.005 | | < 0.001 | 196 | | | < 0.005 | | | | < 0.003 | < 0.01 | < 0.005 | < 0.01 | | < 0.005 | < 0.0002 | < 0.004 |
| North Chamber | 1/12/2006 | < 0.004 | < 0.005 | | *< 0.001* | 211 | | | < 0.005 | | | 397 | < 0.003 | < 0.01 | < 0.005 | < 0.01 | | 0.012 | < 0.0002 | < 0.004 |
| North Chamber | 2/2/2006 | < 0.0004 | < 0.0005 | | *< 0.001* | 188 | | | < 0.0005 | | | 532 | < 0.0003 | < 0.001 | < 0.0005 | < 0.001 | | 0.014 | < 0.0002 | 0.0016 |
| North Chamber | 3/1/2006 | < 0.004 | < 0.005 | | *< 0.001* | 172 | | | < 0.005 | | | 356 | < 0.003 | < 0.01 | < 0.005 | < 0.01 | | 0.014 | < 0.0002 | < 0.004 |
| North Chamber | 4/5/2006 | < 0.004 | < 0.005 | | *< 0.001* | 178 | | | < 0.005 | | | 508 | < 0.003 | < 0.01 | < 0.005 | < 0.01 | | 0.012 | < 0.0002 | < 0.004 |
| North Chamber | 5/29/2006 | < 0.0004 | < 0.0005 | < 0.0005 | *< 0.001* | < 244 | < 0.005 | < 0.005 | < 0.0005 | | < 0.000012 | 623 | < 0.0003 | 0.0024 | < 0.0005 | < 0.001 | < 0.001 | 0.018 | < 0.004 | < 0.0004 |
| North Chamber | 6/22/2006 | < 0.0004 | < 0.0005 | | *< 0.001* | 52 | | | < 0.0005 | | | 411 | < 0.0003 | < 0.001 | < 0.0005 | < 0.001 | | < 0.01 | < 0.0002 | < 0.0004 |
| North Chamber | 7/11/2006 | < 0.0004 | < 0.0005 | | *< 0.0001* | 28 | | | < 0.0005 | | | 358 | < 0.0003 | < 0.001 | < 0.0005 | < 0.001 | | 0.004 | < 0.0002 | < 0.0004 |
| North Chamber | 8/8/2006 | < 0.0004 | < 0.0005 | | *< 0.0001* | 25 | | | < 0.0005 | | | 364 | < 0.0003 | < 0.001 | < 0.0005 | < 0.001 | | 0.009 | < 0.0002 | < 0.0004 |
| North Chamber | 9/13/2006 | < 0.0004 | < 0.0005 | | *< 0.001* | 55 | | | < 0.0005 | | | 533 | < 0.0003 | < 0.001 | < 0.0005 | < 0.001 | | 0.019 | < 0.0002 | < 0.0004 |
| North Chamber | 10/5/2006 | < 0.0004 | < 0.0005 | | *< 0.001* | 69 | | | < 0.0005 | | | 613 | < 0.0003 | < 0.001 | < 0.0005 | < 0.001 | | 0.02 | < 0.0002 | < 0.0004 |
| North Chamber | 11/16/2006 | < 0.0004 | < 0.0005 | | *< 0.001* | 172 | | | < 0.0005 | | | 530 | < 0.0003 | 0.0024 | < 0.0005 | < 0.001 | | 0.036 | < 0.0002 | 0.0008 |
| North Chamber | 12/6/2006 | < 0.0004 | < 0.0005 | | *< 0.001* | 219 | | | < 0.0005 | | | 549 | < 0.0003 | < 0.001 | < 0.0005 | < 0.001 | | 0.026 | < 0.0002 | 0.0009 |
| North Chamber | 9-Jan-07 | < 0.0004 | < 0.0005 | | < 0.001 | 158 | | | < 0.0005 | | | 601 | < 0.0003 | 0.003 | < 0.0005 | < 0.001 | | 0.03 | < 0.0002 | 0.0036 |
| North Chamber | 22-Feb-07 | | | | < 0.001 | 244 | | | | | | 846 | | | | | | 0.043 | < 0.0002 | |
| North Chamber | 15-Mar-07 | < 0.0004 | < 0.0005 | | < 0.001 | 208 | | | < 0.0005 | | | 547 | < 0.0003 | 0.0074 | < 0.0005 | < 0.001 | | < 0.005 | < 0.0002 | 0.001 |
| North Chamber | 17-Apr-07 | 0.004 | < 0.005 | 0.0005 | < 0.001 | 238 | 0.005 | 0.005 | < 0.005 | | < 0.00001 | 539 | 0.003 | < 0.01 | 0.005 | < 0.01 | 0.001 | < 0.05 | < 0.0002 | < 0.004 |
| North Chamber | 8-May-07 | < 0.0004 | < 0.0005 | | < 0.0001 | 32 | | | < 0.0005 | | | 278 | < 0.0003 | < 0.001 | < 0.0005 | < 0.001 | | 0.005 | < 0.0002 | < 0.0004 |
| North Chamber | 5-Jun-07 | < 0.0004 | < 0.0005 | | < 0.0001 | 31 | | | < 0.0005 | | | 293 | < 0.0003 | < 0.001 | < 0.0005 | < 0.001 | | 0.008 | < 0.0002 | < 0.0004 |
| North Chamber | 5-Jul-07 | < 0.0004 | < 0.0005 | | < 0.001 | 182 | | | < 0.0005 | | | 727 | < 0.0003 | 0.0023 | < 0.0005 | < 0.001 | | 0.053 | < 0.0002 | < 0.0004 |
| North Chamber | 16-Aug-07 | < 0.0004 | < 0.0005 | | < 0.001 | 170 | | | < 0.0005 | | | 1830 | < 0.0003 | 0.0022 | < 0.0005 | < 0.001 | | 0.121 | < 0.0002 | < 0.0004 |
| North Chamber | 14-Sep-07 | < 0.0004 | < 0.0005 | | < 0.01 | 119 | | | < 0.0005 | | | 1950 | < 0.0003 | < 0.001 | < 0.0005 | < 0.001 | | 0.18 | < 0.0002 | < 0.0004 |
| North Chamber | 15-Oct-07 | 0.0004 | < 0.0005 | < 0.0005 | < 0.001 | 125 | < 0.005 | < 0.005 | < 0.0005 | | < 0.00001 | 908 | 0.0003 | < 0.001 | 0.0005 | 0.0048 | < 0.001 | < 0.05 | < 0.0002 | < 0.0004 |
| North Chamber | 12-Nov-07 | < 0.0004 | < 0.0005 | | < 0.001 | 141 | | | < 0.0005 | | | 997 | < 0.0003 | 0.0037 | 0.0008 | 0.0113 | | 0.09 | < 0.0002 | < 0.0004 |
| North Chamber | 5-Dec-07 | < 0.0004 | < 0.0005 | | < 0.001 | 203 | | | < 0.0005 | | | 744 | < 0.0003 | < 0.001 | < 0.0005 | < 0.001 | | 0.07 | < 0.0002 | < 0.0004 |
| North Chamber | 8-Jan-08 | < 0.0004 | < 0.0005 | | < 0.001 | 201 | | | < 0.0005 | | | 473 | < 0.0003 | 0.0078 | < 0.0005 | < 0.001 | | 0.04 | < 0.0002 | 0.0047 |
| North Chamber | 14-Feb-08 | < 0.002 | < 0.005 | | < 0.0005 | | | | < 0.001 | | | 700 | < 0.002 | 0.003 | < 0.001 | < 0.005 | | 0.05 | < 0.00005 | 0.001 |
| North Chamber | 17-Mar-08 | < 0.004 | < 0.01 | | 0.0001 | | | | < 0.002 | | | 600 | < 0.004 | < 0.004 | < 0.002 | < 0.01 | | 0.041 | < 0.00005 | < 0.002 |
| North Chamber | 3-Apr-08 | < 0.005 | < 0.01 | | < 0.0001 | | | | < 0.003 | | | 400 | < 0.005 | < 0.005 | < 0.003 | < 0.01 | | 0.024 | < 0.00005 | < 0.003 |
| North Chamber | 12 & 15 May-08 | < 0.001 | < 0.003 | < 0.0005 | < 0.0001 | 250 | < 0.005 | < 0.005 | < 0.0005 | | < 0.00001 | 620 | < 0.001 | 0.003 | < 0.0005 | < 0.003 | < 0.001 | 0.043 | < 0.00005 | < 0.0005 |
| North Chamber | 9-Jun-08 | < 0.004 | < 0.01 | | 0.0001 | | | | < 0.002 | | | 700 | < 0.004 | < 0.004 | < 0.002 | < 0.01 | | 0.045 | < 0.00005 | < 0.002 |
| North Chamber | 2-Jul-08 | < 0.004 | < 0.01 | | 0.0002 | | | | < 0.002 | | | 1300 | < 0.004 | < 0.004 | < 0.002 | 0.011 | | 0.086 | < 0.00005 | < 0.002 |
| North Chamber | 20-Aug-08 | < 0.0005 | < 0.001 | | < 0.0001 | | | | < 0.0003 | | | 290 | < 0.0005 | < 0.0005 | < 0.0003 | < 0.001 | | < 0.005 | < 0.00005 | < 0.0003 |
| North Chamber | 14-Oct-08 | < 0.002 | < 0.005 | | 0.0001 | | | | < 0.001 | | | 760 | < 0.002 | < 0.002 | < 0.001 | < 0.005 | | 0.049 | < 0.00005 | < 0.001 |
| North Chamber | 17-Nov-08 | < 0.004 | < 0.01 | | < 0.001 | 150 | < 0.005 | < 0.005 | < 0.002 | | < 0.0001 | 1200 | < 0.004 | < 0.004 | < 0.002 | < 0.0001 | < 0.0002 | 0.11 | < 0.00005 | < 0.002 |
| North Chamber | 9-Dec-08 | < 0.002 | < 0.005 | | < 0.0001 | | | | < 0.001 | | | 260 | < 0.002 | < 0.002 | < 0.001 | < 0.005 | | 0.018 | < 0.00005 | < 0.001 |

| Location | Sampling Date | Cis-1,3-Dichloro propylene mg/L | Cobalt mg/L | Conductivity us/cm | Copper mg/L | Cyanazine mg/L | De-ethylated atrazine mg/L | Diazinon mg/L | Dibenzo(a,h) anthracene mg/L | Dicamba mg/L | Dichloro diphenyl trichloro ethane mg/L | Diclofop-methyl mg/L | Dieldrin mg/L | Dimethoate mg/L | Dinoseb mg/L | Dioxins + Furans (Toxic Equivalent TEQ in ppb) | Diquat mg/L | Dissolved Organic Carbon mg/L | Diuron mg/L | Ethyl benzene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| North Chamber | 2/4/2000 | | | 9300 | | | | | | | | | | | | | | 1800 | | |
| North Chamber | 3/1/2000 | | | 9310 | | | | | | | | | | | | | | 1480 | | |
| North Chamber | 4/7/2000 | | | 7410 | | | | | | | | | | | | | | 1120 | | |
| North Chamber | 5/5/2000 | | | 7620 | | | | | | | | | | | | | | 1380 | | |
| North Chamber | 6/1/2000 | | | 8260 | | | | | | | | | | | | | | 1360 | | |
| North Chamber | 7/4/2000 | | | 6330 | | | | | | | | | | | | | | 1280 | | |
| North Chamber | 7/31/2000 | | | 6310 | | | | | | | | | | | | | | 1400 | | |
| North Chamber | 8/29/2000 | | | 10700 | | | | | | | | | | | | | | 1420 | | |
| North Chamber | 10/4/2000 | | | 13400 | | | | | | | | | | | | | | | | |
| North Chamber | 10/30/2000 | | | 11200 | | | | | | | | | | | | | | 1590 | | |
| North Chamber | 12/7/2000 | | | 6460 | | | | | | | | | | | | | | 584 | | |
| North Chamber | 1/3/2001 | | | 6680 | | | | | | | | | | | | | | 660 | | |
| North Chamber | 2/2/2001 | | | 8150 | | | | | | | | | | | | | | 1140 | | |
| North Chamber | 3/3/2001 | | | | | | | | | | | | | | | | | | | |
| North Chamber | 3/7/2001 | | | 6440 | | | | | | | | | | | | | | 520 | | |
| North Chamber | 4/5/2001 | | | 5000 | | | | | | | | | | | | | | 465 | | |
| North Chamber | 5/3/2001 | | | | | | | | | | | | | | | | | | | |
| North Chamber | 6/6/2001 | | | 8620 | *ND* | | | | | | | | | | | | | 1220 | | |
| North Chamber | 7/4/2001 | | 0.05 | 9980 | 0.002 | | | | | | | | | | | | | 907 | | |
| North Chamber | 8/8/2001 | | | 11300 | 0.003 | | | | | | | | | | | | | 1040 | | |
| North Chamber | 9/5/2001 | | | | | | | | | | | | | | | | | | | |
| North Chamber | 9/6/2001 | | 0.02 | 9450 | *ND* | | | | | | | | | | | | | 1290 | | |
| North Chamber | 10/2/2001 | | | | | | | | | | | | | | | | | | | |
| North Chamber | 10/3/2001 | | 0.12 | 9630 | | | | | | | | | | | | | | 3180 | | |
| North Chamber | 11/1/2001 | | 0.02 | 11700 | 0.001 | | | | | | | | | | | | | 4110 | | |
| North Chamber | 12/5/2001 | | | | | | | | | | | | | | | | | | | |
| North Chamber | 12/7/2001 | | *ND* | 8050 | 0.005 | | | | | | | | | | | | | 1210 | | |
| North Chamber | 1/9/2002 | | *ND* | 7120 | 0.003 | | | | | | | | | | | | | | | |
| North Chamber | 2/6/2002 | | 0.02 | 7200 | 0.003 | | | | | | | | | | | | | 1450 | | |
| North Chamber | 3/7/2002 | | *ND* | 4520 | 0.003 | | | | | | | | | | | | | 395 | | |
| North Chamber | 4/8/2002 | | *ND* | 3480 | 0.003 | | | | | | | | | | | | | 180 | | |
| North Chamber | 5/6/2002 | | 0.01 | 5150 | *ND* | | | | | | | | | | | | | 561 | | |
| North Chamber | 6/7/2002 | | 0.011 | 4720 | 0.003 | | | | | | | | | | | | | 300 | | |
| North Chamber | 7/3/2002 | | 0.008 | 6520 | 0.005 | | | | | | | | | | | | | 704 | | |
| North Chamber | 8/1/2002 | | 0.082 | 12400 | 0.006 | | | | | | | | | | | | | 3350 | | |
| North Chamber | 9/3/2002 | | 0.042 | 12000 | *ND* | | | | | | | | | | | | | 1830 | | |
| North Chamber | 10/2/2002 | | 0.044 | 12300 | 0.005 | | | | | | | | | | | | | 1420 | | |
| North Chamber | 11/1/2002 | | 0.023 | 9440 | 0.011 | | | | | | | | | | | | | 850 | | |
| North Chamber | 12/16/2002 | | 0.036 | 9480 | 0.016 | | | | | | | | | | | | | 767 | | |
| North Chamber | 1/11/2003 | | 0.012 | 9550 | | | | | | | | | | | | | | 866 | | |
| North Chamber | 2/10/2003 | | | 6700 | | | | | | | | | | | | | | 356 | | |
| North Chamber | 2/12/2003 | | *ND* | | *ND* | | | | | | | | | | | | | | | |
| North Chamber | 3/3/2003 | | 0.015 | 9020 | 0.006 | | | | | | | | | | | | | 525 | | |
| North Chamber | 4/1/2003 | < 0.01 | | 4890 | | | | | < 0.0001 | | | | | | | | | 411 | | 0.069 |
| North Chamber | 5/8/2003 | < 0.002 | 0.008 | 4620 | 0.013 | | | | < 0.0001 | | | | | | | | | 190 | | 0.012 |
| North Chamber | 6/3/2003 | | 0.016 | 7240 | *ND* | | | | | | | | | | | | | 364 | | |
| North Chamber | 7/4/2003 | < 0.026 | < 0.05 | 9990 | < 0.05 | | | | < 0.0021 | | | | | | | | | 707 | | 0.034 |
| North Chamber | 8/5/2003 | < 0.026 | < 0.05 | | < 0.05 | | | | < 0.0021 | | | | | | | | | 611 | | 0.0456 |
| North Chamber | 9/2/2003 | < 0.026 | < 0.005 | | 0.016 | | | | < 0.0021 | | | | | | | | | 583 | | 0.071 |
| North Chamber | 10/3/2003 | < 0.0026 | < 0.005 | | 0.028 | | | | < 0.021 | | | | | | | | | 516 | | 0.0725 |
| North Chamber | 11/3/2003 | < 0.0026 | 0.006 | | 0.025 | | | | < 0.0021 | | | | | | | | | 53.8 | | < 0.0016 |
| North Chamber | 12/5/2003 | < 0.026 | 0.006 | | 0.004 | | | | < 0.0021 | | | | | | | | | 164 | | 0.083 |
| North Chamber | 1/7/2004 | < 0.0026 | < 0.005 | | 0.01 | | | | < 0.0021 | | | | | | | | | 37.4 | | 0.0022 |
| North Chamber | 2/11/2004 | < 0.0026 | < 0.005 | | 0.015 | | | | < 0.0021 | | | | | | | | | 267 | | 0.0939 |
| North Chamber | 3/4/2004 | < 0.0026 | 0.006 | | 0.027 | | | | < 0.0021 | | | | | | | | | 52.6 | | 0.0022 |
| North Chamber | 4/20/2004 | < 0.0026 | < 0.005 | | 0.038 | | | | < 0.0021 | | | | | | | | | 198 | | 0.0711 |
| North Chamber | 5/6/2004 | | 0.008 | 5160 | < 0.01 | | | | < 0.0021 | | | | | | | | | 194 | | 0.0699 |
| North Chamber | 6/2/2004 | < 0.0026 | 0.105 | | 0.022 | | | | < 0.0021 | | | | | | | | | 172 | | 0.061 |
| North Chamber | 7/6/2004 | < 0.0026 | 0.027 | 11500 | < 0.01 | < 0.001 | < 0.0005 | < 0.001 | < 0.0021 | < 0.001 | | < 0.0009 | < 0.000006 | < 0.0025 | < 0.001 | | < 0.007 | 555 | < 0.01 | 0.0377 |
| North Chamber | 8/10/2004 | | 0.087 | | 0.029 | | | | < 0.0021 | | | | | | | | | 230 | | 0.0222 |
| North Chamber | 10/6/2004 | | 0.011 | | 0.041 | | | | < 0.0021 | | | | | | | | | 182 | | 0.0479 |
| North Chamber | 11/16/2004 | | | 9650 | | < 0.01 | < 0.005 | < 0.01 | | < 0.01 | < 0.000024 | < 0.009 | < 0.000006 | < 0.025 | < 0.01 | < 0.0001 | < 0.007 | | < 0.01 | |
| North Chamber | 12/1/2004 | | 0.015 | | 0.036 | | | | < 0.0021 | | | | | | | | | 151 | | 0.0308 |

| Location | Sampling Date | Cis-1,3-Dichloro propylene mg/L | Cobalt mg/L | Conductivity us/cm | Copper mg/L | Cyanazine mg/L | De-ethylated atrazine mg/L | Diazinon mg/L | Dibenzo(a,h) anthracene mg/L | Dicamba mg/L | Dichloro diphenyl trichloro ethane mg/L | Diclofop-methyl mg/L | Dieldrin mg/L | Dimethoate mg/L | Dinoseb mg/L | Dioxins + Furans (Toxic Equivalent TEQ in ppb) | Diquat mg/L | Dissolved Organic Carbon mg/L | Diuron mg/L | Ethyl benzene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| North Chamber | 1/7/2005 | | 0.005 | | 0.01 | | | | < 0.0021 | | | | | | | | | 120 | | 0.0477 |
| North Chamber | 1/25/2005 | | 0.006 | | 0.014 | | | | < 0.0021 | | | | | | | | | 127 | | < 0.013 |
| North Chamber | 3/1/2005 | < 0.0026 | 0.018 | | 0.014 | | | | < 0.0021 | | | | | | | | | 432 | | 0.0297 |
| North Chamber | 3/30/2005 | < 0.0026 | 0.035 | | 0.044 | | | | < 0.0021 | | | | | | | | | 285 | | 0.032 |
| North Chamber | 5/5/2005 | < 0.0026 | 0.0022 | 1970 | 0.003 | < 0.001 | < 0.0005 | < 0.001 | < 0.0002 | < 0.001 | | < 0.0009 | < 0.000006 | < 0.0025 | < 0.001 | | < 0.007 | 25.5 | < 0.01 | < 0.0016 |
| North Chamber | 6/3/2005 | < 0.0026 | 0.0019 | | 0.003 | | | | < 0.0021 | | | | | | | | | 26.2 | | < 0.0016 |
| North Chamber | 7/7/2005 | < 0.0002 | 0.0031 | | 0.003 | | | | < 0.0002 | | | | | | | | | 53.8 | | 0.0032 |
| North Chamber | 8/9/2005 | < 0.002 | 0.01 | | < 0.01 | | | | < 0.0002 | | | | | | | | | 155 | | 0.054 |
| North Chamber | 9/23/2005 | < 0.0026 | 0.0012 | | 0.002 | | | | < 0.0021 | | | | | | | | | 34.8 | | < 0.0016 |
| North Chamber | 10/6/2005 | < 0.0026 | 0.005 | | < 0.01 | | | | < 0.01 | | | | | | | | | 75.8 | | 0.0288 |
| North Chamber | 12/1/2005 | < 0.002 | 0.009 | | < 0.005 | | | | < 0.0002 | | | | | | | | | 99.9 | | 0.072 |
| North Chamber | 1/12/2006 | < 0.002 | 0.006 | 4270 | < 0.01 | | | | < 0.0002 | | | | | | | | | 143 | | 0.093 |
| North Chamber | 2/2/2006 | < 0.0002 | 0.009 | 5260 | < 0.01 | | | | < 0.0002 | | | | | | | | | 126 | | 0.0946 |
| North Chamber | 3/1/2006 | < 0.002 | 0.006 | 3760 | < 0.01 | | | | < 0.0002 | | | | | | | | | 101 | | 0.098 |
| North Chamber | 4/5/2006 | < 0.002 | 0.007 | 5110 | < 0.01 | | | | < 0.0002 | | | | | | | | | 121 | | 0.108 |
| North Chamber | 5/29/2006 | < 0.0002 | 0.011 | 5040 | < 0.01 | < 0.001 | < 0.0005 | < 0.001 | < 0.004 | < 0.001 | | < 0.0009 | < 0.000006 | < 0.0025 | < 0.001 | | < 0.007 | 162 | < 0.01 | 0.0944 |
| North Chamber | 6/22/2006 | < 0.0002 | 0.003 | 2740 | < 0.01 | | | | < 0.0002 | | | | | | | | | 61.7 | | 0.0092 |
| North Chamber | 7/11/2006 | < 0.0002 | 0.0011 | 1840 | 0.002 | | | | < 0.0002 | | | | | | | | | 24.5 | | < 0.0005 |
| North Chamber | 8/8/2006 | < 0.0002 | 0.0009 | 1860 | 0.002 | | | | < 0.0002 | | | | | | | | | 26.4 | | < 0.0005 |
| North Chamber | 9/13/2006 | < 0.0002 | 0.006 | 3800 | < 0.01 | | | | < 0.0002 | | | | | | | | | 91.5 | | < 0.0005 |
| North Chamber | 10/5/2006 | < 0.0002 | 0.008 | 4530 | < 0.01 | | | | < 0.0002 | | | | | | | | | 102 | | < 0.0005 |
| North Chamber | 11/16/2006 | < 0.0002 | 0.01 | 5500 | < 0.01 | | | | < 0.0002 | | | | | | | | | 135 | | 0.0163 |
| North Chamber | 12/6/2006 | < 0.0002 | 0.011 | 5690 | < 0.01 | | | | < 0.0002 | | | | | | | | | 114 | | 0.0028 |
| North Chamber | 9-Jan-07 | < 0.0002 | 0.012 | 6030 | < 0.01 | | | | < 0.0002 | | < 0.004 | | | | | | | 141 | | 0.0885 |
| North Chamber | 22-Feb-07 | | 0.018 | 9190 | < 0.01 | | | | < 0.0002 | | | | | | | | | 283 | | |
| North Chamber | 15-Mar-07 | < 0.0002 | 0.012 | 6330 | < 0.01 | | | | < 0.0002 | | 0.0061 | | | | | | | 229 | | 0.0297 |
| North Chamber | 17-Apr-07 | < 0.002 | 0.011 | 5340 | < 0.01 | 0.001 | 0.0005 | 0.001 | < 0.0002 | 0.001 | < 0.04 | 0.0009 | 0.000006 | 0.0025 | 0.001 | | | 120 | | 0.052 |
| North Chamber | 8-May-07 | < 0.0002 | 0.0009 | 1180 | 0.002 | | | | < 0.0002 | | < 0.004 | | | | | | | 21 | | < 0.0005 |
| North Chamber | 5-Jun-07 | < 0.0002 | 0.001 | 1640 | 0.002 | | | | < 0.0002 | | < 0.004 | | | | | | | 23.6 | | < 0.0005 |
| North Chamber | 5-Jul-07 | < 0.0002 | 0.012 | 6940 | < 0.01 | | | | < 0.0002 | | < 0.004 | | | | | | | 196 | | 0.0531 |
| North Chamber | 16-Aug-07 | < 0.0002 | 0.058 | 16300 | < 0.01 | | | | < 0.0002 | | < 0.004 | | | | | | | 865 | | 0.014 |
| North Chamber | 14-Sep-07 | 0.001 | 0.055 | 17500 | 0.01 | | | | < 0.0002 | | < 0.004 | | | | | | | 841 | | 0.0099 |
| North Chamber | 15-Oct-07 | < 0.0002 | 0.024 | 7940 | < 0.01 | < 0.001 | < 0.0005 | < 0.001 | < 0.0002 | < 0.001 | < 0.004 | < 0.0009 | < 0.000006 | < 0.003 | < 0.001 | 0.0026 | < 0.07 | 288 | < 0.01 | 0.0131 |
| North Chamber | 12-Nov-07 | 0.0007 | 0.023 | 8650 | < 0.01 | | | | < 0.0002 | | 0.0054 | | | | | | | 242 | | 0.046 |
| North Chamber | 5-Dec-07 | < 0.0002 | 0.016 | 7400 | < 0.01 | | | | < 0.0002 | | < 0.004 | | | | | | | 236 | | 0.0676 |
| North Chamber | 8-Jan-08 | < 0.0002 | 0.01 | 4840 | < 0.01 | | | | < 0.0002 | | | | | | | | | 125 | | 0.096 |
| North Chamber | 14-Feb-08 | < 0.002 | 0.015 | | < 0.01 | | | | < 0.0001 | | | | | | | | | 159 | | 0.075 |
| North Chamber | 17-Mar-08 | < 0.004 | 0.012 | | 0.006 | | | | < 0.0001 | | | | | | | | | 156 | | 0.085 |
| North Chamber | 3-Apr-08 | < 0.005 | 0.007 | | 0.006 | | | | < 0.0001 | | | | | | | | | 124 | | 0.092 |
| North Chamber | 12 & 15 May-08 | < 0.001 | 0.014 | 7450 | 0.01 | < 0.001 | < 0.0005 | < 0.001 | < 0.0001 | < 0.001 | | < 0.0009 | < 0.000006 | < 0.003 | < 0.001 | 0.00345 | | 143 | < 0.15 | 0.042 |
| North Chamber | 9-Jun-08 | < 0.004 | 0.013 | | 0.005 | | | | < 0.0001 | | | | | | | | | 147 | | 0.008 |
| North Chamber | 2-Jul-08 | < 0.004 | 0.026 | | 0.005 | | | | < 0.0001 | | | | | | | | | 321 | | 0.035 |
| North Chamber | 20-Aug-08 | < 0.0005 | 0.0014 | | < 0.002 | | | | < 0.0001 | | | | | | | | | 36.6 | | 0.0068 |
| North Chamber | 14-Oct-08 | < 0.002 | 0.014 | | 0.002 | | | | < 0.0001 | | | | | | | | | 140 | | 0.031 |
| North Chamber | 17-Nov-08 | < 0.004 | 0.027 | 11500 | < 0.02 | < 0.001 | < 0.0005 | < 0.001 | < 0.0001 | < 0.001 | | < 0.0009 | < 0.00006 | < 0.003 | < 0.001 | 0.00557 | | 283 | < 0.1 | 0.055 |
| North Chamber | 9-Dec-08 | < 0.002 | 0.005 | | < 0.002 | | | | < 0.0001 | | | | | | | | | 83.7 | | 0.044 |

| Location | Sampling Date | Ethylene Dibromide mg/L | Fluoranthene mg/L | Fluorene mg/L | g-Chlordane mg/L | Glyphosate mg/L | Hardness mg/L | Heptachlor + Heptachlor Epoxide mg/L | Heptachlor Epoxide mg/L | Heptachlor mg/L | Hexachloro cyclohexane mg/L | Hydrogen Sulfide mg/L | Indeno (1,2,3-cd) pyrene mg/L | Iron mg/L | Lead mg/L | m+p-Xylene mg/L | Magnesium mg/L | Malathion mg/L | Manganese mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| North Chamber | 2/4/2000 | | | | | | 2400 | | | | | | | 159 | | | 283 | | |
| North Chamber | 3/1/2000 | | | | | | 2280 | | | | | | | 40.6 | | | 295 | | |
| North Chamber | 4/7/2000 | | | | | | 1980 | | | | | | | 41 | | | 244 | | |
| North Chamber | 5/5/2000 | | | | | | 2350 | | | | | | | 46 | | | 268 | | |
| North Chamber | 6/1/2000 | | | | | | 2090 | | | | | | | 23.3 | | | 231 | | |
| North Chamber | 7/4/2000 | | | | | | 3510 | | | | | | | 37.2 | | | 389 | | |
| North Chamber | 7/31/2000 | | | | | | 2630 | | | | | | | 11.3 | | | 311 | | |
| North Chamber | 8/29/2000 | | | | | | 2310 | | | | | | | 25.9 | | | 282 | | 1.5 |
| North Chamber | 10/4/2000 | | | | | | | | | | | | | 59.2 | 0.003 | | 276 | | 1.5 |
| North Chamber | 10/30/2000 | | | | | | 1890 | | | | | | | 31.4 | | | 248 | | |
| North Chamber | 12/7/2000 | | | | | | 2210 | | | | | | | 23.4 | | | 230 | | |
| North Chamber | 1/3/2001 | | | | | | 1730 | | | | | | | 24.2 | | | 197 | | |
| North Chamber | 2/2/2001 | | | | | | 2140 | | | | | | | 97.2 | | | 194 | | |
| North Chamber | 3/3/2001 | | | | | | | | | | | | | | | | | | |
| North Chamber | 3/7/2001 | | | | | | 1600 | | | | | | | 49.2 | | | 181 | | |
| North Chamber | 4/5/2001 | | | | | | 1490 | | | | | | | 31.1 | | | 157 | | |
| North Chamber | 5/3/2001 | | | | | | | | | | | | | | *ND* | | | | |
| North Chamber | 6/6/2001 | | | | | | 2180 | | | | | | | 8.72 | *ND* | | 246 | | |
| North Chamber | 7/4/2001 | | | | | | 2000 | | | | | 0.41 | | 38.8 | *ND* | | 261 | | 1.48 |
| North Chamber | 8/8/2001 | | | | | | 1750 | | | | | | | 37.5 | *ND* | | 294 | | |
| North Chamber | 9/5/2001 | | | | | | | | | | | | | | | | | | |
| North Chamber | 9/6/2001 | | | | | | 3020 | | | | | 0.19 | | 43.7 | *ND* | | 339 | | 2.77 |
| North Chamber | 10/2/2001 | | | | | | | | | | | | | | | | | | |
| North Chamber | 10/3/2001 | | | | | | 2950 | | | | | | | 50.1 | | | 226 | | 3.5 |
| North Chamber | 11/1/2001 | | | | | | 3230 | | | | | 2 | | 52.3 | 0.001 | | 282 | | 4.22 |
| North Chamber | 12/5/2001 | | | | | | | | | | | | | | | | | | |
| North Chamber | 12/7/2001 | | | | | | 1730 | | | | | 0.16 | | 41.3 | 0.005 | | 210 | | 0.87 |
| North Chamber | 1/9/2002 | | | | | | | | | | | 1.4 | | 23.7 | 0.002 | | 192 | | 1.04 |
| North Chamber | 2/6/2002 | | | | | | 1840 | | | | | 0.05 | | 29.4 | 0.002 | | 194 | | 1.74 |
| North Chamber | 3/7/2002 | | | | | | 1450 | | | | | 0.13 | | 46.1 | 0.001 | | 146 | | 1.45 |
| North Chamber | 4/8/2002 | | | | | | 1180 | | | | | 0.24 | | 41.9 | 0.002 | | 113 | | 1.45 |
| North Chamber | 5/6/2002 | | | | | | 1450 | | | | | 0.55 | | 52.2 | 0.004 | | 129 | | 1.54 |
| North Chamber | 6/7/2002 | | | | | | 1710 | | | | | 0.18 | | 48.1 | *ND* | | 162 | | 1.76 |
| North Chamber | 7/3/2002 | | | | | | 1690 | | | | | 0.75 | | 26.3 | 0.003 | | 157 | | 1.6 |
| North Chamber | 8/1/2002 | | | | | | 2480 | | | | | 0.65 | | 48.3 | 0.002 | | 322 | | 3.33 |
| North Chamber | 9/3/2002 | | | | | | 1960 | | | | | 1.27 | | 47.2 | 0.005 | | 265 | | 0.907 |
| North Chamber | 10/2/2002 | | | | | | 1910 | | | | | 1.74 | | 58.1 | *ND* | | 268 | | 1.06 |
| North Chamber | 11/1/2002 | | | | | | 1680 | | | | | 0.7 | | 48.3 | *ND* | | 213 | | 0.816 |
| North Chamber | 12/16/2002 | | | | | | 1630 | | | | | 0.4 | | 67 | *ND* | | 213 | | 0.907 |
| North Chamber | 1/11/2003 | | | | | | 1690 | | | | | 0.7 | | 23.3 | 0.001 | | 233 | | 0.564 |
| North Chamber | 2/10/2003 | | | | | | 1380 | | | | | 0.64 | | | | | | | |
| North Chamber | 2/12/2003 | | | | | | | | | | | | | 18.7 | *ND* | | 161 | | 0.598 |
| North Chamber | 3/3/2003 | | | | | | 1550 | | | | | 0.46 | | 41.5 | *ND* | | 201 | | 0.572 |
| North Chamber | 4/1/2003 | < 0.05 | < 0.0001 | 0.0001 | | | 1360 | | | | | | < 0.0001 | 27.3 | | 0.117 | 116 | | |
| North Chamber | 5/8/2003 | < 0.01 | < 0.0001 | 0.0002 | | | 1050 | | | | | 0 | < 0.0001 | 5.94 | 0.007 | 0.026 | 88 | | 0.607 |
| North Chamber | 6/3/2003 | | | | | | 1600 | | | | | | | 46.1 | *ND* | | 193 | | 0.913 |
| North Chamber | 7/4/2003 | < 0.038 | < 0.0015 | < 0.001 | | | 1670 | | | | | | < 0.0019 | 39.7 | < 0.01 | 0.07 | 211 | | 0.88 |
| North Chamber | 8/5/2003 | < 0.038 | < 0.0015 | < 0.001 | | | 1580 | | | | | | < 0.0019 | | 0.01 | 0.0974 | < 249 | | |
| North Chamber | 9/2/2003 | < 0.038 | < 0.0015 | < 0.001 | | | 1400 | | | | | | < 0.0019 | | < 0.01 | 0.126 | 216 | | |
| North Chamber | 10/3/2003 | < 0.0038 | < 0.015 | < 0.01 | | | 1450 | | | | | | < 0.019 | | < 0.01 | 0.142 | 208 | | |
| North Chamber | 11/3/2003 | < 0.0038 | < 0.0015 | < 0.001 | | | 574 | | | | | | < 0.0019 | | 0.007 | < 0.0034 | 57 | | |
| North Chamber | 12/5/2003 | < 0.038 | < 0.0015 | < 0.001 | | | 878 | | | | | | < 0.0019 | | 0.003 | 0.119 | 81 | | |
| North Chamber | 1/7/2004 | < 0.0038 | < 0.0015 | < 0.001 | | | 407 | | | | | | < 0.0019 | | 0.003 | 0.0054 | 34 | | |
| North Chamber | 2/11/2004 | < 0.0038 | < 0.0015 | < 0.001 | | | 1380 | | | | | | < 0.0019 | | < 0.01 | 0.115 | 152 | | |
| North Chamber | 3/4/2004 | < 0.0038 | < 0.0015 | < 0.001 | | | 360 | | | | | | < 0.0019 | | 0.011 | 0.0038 | 36 | | |
| North Chamber | 4/20/2004 | < 0.0038 | < 0.0015 | < 0.001 | | | 1200 | | | | | | < 0.0019 | | < 0.01 | 0.0967 | 135 | | |
| North Chamber | 5/6/2004 | | < 0.0015 | < 0.001 | | | 1130 | | | | | 0.48 | < 0.0019 | 26.1 | 0.005 | 0.138 | 110 | | 1.5 |
| North Chamber | 6/2/2004 | < 0.0038 | < 0.0015 | < 0.001 | | | 1130 | | | | | | < 0.0019 | | < 0.01 | 0.112 | 122 | | |
| North Chamber | 7/6/2004 | < 0.0038 | < 0.0015 | < 0.001 | < 0.000006 | < 0.01 | 1420 | < 0.000012 | < 0.000006 | < 0.000006 | < 0.000006 | 0.52 | < 0.0019 | 29.2 | < 0.01 | 0.0398 | 207 | < 0.005 | 0.5 |
| North Chamber | 8/10/2004 | | < 0.0015 | < 0.001 | | | 106 | | | | | | < 0.0019 | | 0.02 | 0.0636 | 13 | | |
| North Chamber | 10/6/2004 | | < 0.0015 | < 0.001 | | | 1030 | | | | | | < 0.0019 | | < 0.01 | 0.146 | 144 | | |
| North Chamber | 11/16/2004 | | | | < 0.000006 | < 0.01 | | < 0.000012 | < 0.000006 | < 0.000006 | < 0.000006 | 0.23 | | 27.4 | | | 20 | < 0.05 | 0.56 |
| North Chamber | 12/1/2004 | | < 0.0015 | < 0.001 | | | 994 | | | | | | < 0.0019 | | 0.01 | 0.0736 | 108 | | |

| Location | Sampling Date | Ethylene Dibromide mg/L | Fluoranthene mg/L | Fluorene mg/L | g-Chlordane mg/L | Glyphosate mg/L | Hardness mg/L | Heptachlor + Heptachlor Epoxide mg/L | Heptachlor Epoxide mg/L | Heptachlor mg/L | Hexachloro cyclohexane mg/L | Hydrogen Sulfide mg/L | Indeno (1,2,3-cd) pyrene mg/L | Iron mg/L | Lead mg/L | m+p-Xylene mg/L | Magnesium mg/L | Malathion mg/L | Manganese mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| North Chamber | 1/7/2005 | | < 0.0015 | < 0.001 | | | 1240 | | | | | | < 0.0019 | | < 0.01 | 0.107 | 127 | | |
| North Chamber | 1/25/2005 | | < 0.0015 | < 0.001 | | | 1320 | | | | | | < 0.0019 | | < 0.01 | 0.072 | 139 | | |
| North Chamber | 3/1/2005 | < 0.0038 | < 0.0015 | < 0.001 | | | 1450 | | | | | | < 0.0019 | | < 0.01 | 0.0875 | 197 | | |
| North Chamber | 3/30/2005 | < 0.0038 | < 0.0015 | < 0.001 | | | 1450 | | | | | | < 0.0019 | | < 0.01 | 0.0801 | 196 | | |
| North Chamber | 5/5/2005 | < 0.0038 | < 0.0002 | < 0.0002 | < 0.000006 | < 0.01 | < 1 | < 0.000012 | < 0.000006 | < 0.000006 | < 0.000006 | 0.03 | < 0.0002 | 0.96 | < 0.001 | < 0.0034 | 43 | < 0.005 | 0.06 |
| North Chamber | 6/3/2005 | < 0.0038 | < 0.0015 | < 0.001 | | | 288 | | | | | | < 0.0019 | | < 0.001 | < 0.0034 | 48 | | |
| North Chamber | 7/7/2005 | < 0.001 | < 0.0002 | < 0.0002 | | | 315 | | | | | | < 0.0002 | | < 0.001 | 0.016 | 54 | | |
| North Chamber | 8/9/2005 | < 0.01 | < 0.0002 | 0.0003 | | | 589 | | | | | | < 0.0002 | | < 0.01 | 0.145 | 83 | | |
| North Chamber | 9/23/2005 | < 0.0038 | < 0.0015 | < 0.001 | | | 246 | | | | | | < 0.0019 | | < 0.001 | < 0.0034 | 47 | | |
| North Chamber | 10/6/2005 | < 0.0038 | < 0.0075 | < 0.005 | | | 574 | | | | | | < 0.0095 | | < 0.01 | 0.044 | 60 | | |
| North Chamber | 12/1/2005 | < 0.01 | < 0.0002 | < 0.0002 | | | 848 | | | | | | < 0.0002 | | < 0.01 | 0.116 | 87 | | |
| North Chamber | 1/12/2006 | < 0.01 | < 0.0002 | < 0.0002 | | | 881 | | | | | | < 0.0002 | | < 0.01 | 0.156 | 86 | | |
| North Chamber | 2/2/2006 | < 0.001 | < 0.0002 | < 0.0002 | | | 787 | | | | | | < 0.0002 | | < 0.01 | 0.181 | 77 | | |
| North Chamber | 3/1/2006 | < 0.01 | < 0.0002 | < 0.0002 | | | 701 | | | | | | < 0.0002 | | < 0.01 | 0.153 | 66 | | |
| North Chamber | 4/5/2006 | < 0.01 | < 0.0002 | < 0.0002 | | | 762 | | | | | | < 0.0002 | | < 0.01 | 0.164 | 77 | | |
| North Chamber | 5/29/2006 | < 0.001 | < 0.004 | < 0.004 | < 0.000006 | < 0.1 | 1120 | < 0.000012 | < 0.000006 | < 0.000006 | < 0.000006 | 0.38 | < 0.004 | 15.8 | < 0.01 | 0.148 | 125 | < 0.005 | 1 |
| North Chamber | 6/22/2006 | < 0.001 | < 0.0002 | < 0.0002 | | | 328 | | | | | | < 0.0002 | | 0.01 | 0.0148 | 48 | | |
| North Chamber | 7/11/2006 | < 0.001 | < 0.0002 | < 0.0002 | | | 259 | | | | | | < 0.0002 | | < 0.001 | < 0.001 | 46 | | |
| North Chamber | 8/8/2006 | < 0.001 | < 0.0002 | < 0.0002 | | | 248 | | | | | | < 0.0002 | | < 0.001 | < 0.001 | 45 | | |
| North Chamber | 9/13/2006 | < 0.001 | < 0.0002 | < 0.0002 | | | 413 | | | | | | < 0.0002 | | < 0.01 | < 0.001 | 67 | | |
| North Chamber | 10/5/2006 | < 0.001 | < 0.0002 | < 0.0002 | | | 452 | | | | | | < 0.0002 | | < 0.01 | < 0.001 | 68 | | |
| North Chamber | 11/16/2006 | < 0.001 | < 0.0002 | < 0.0002 | | | 808 | | | | | | < 0.0002 | | < 0.01 | 0.0566 | 92 | | |
| North Chamber | 12/6/2006 | < 0.001 | < 0.0002 | < 0.0002 | | | 975 | | | | | | < 0.0002 | | < 0.01 | 0.0419 | 104 | | |
| North Chamber | 9-Jan-07 | < 0.001 | < 0.0002 | 0.0002 | | | 695 | | | | | | < 0.0002 | | < 0.01 | 0.166 | 73 | | |
| North Chamber | 22-Feb-07 | | < 0.0002 | 0.0002 | | | 1250 | | | | | | < 0.0002 | | < 0.01 | | 156 | | |
| North Chamber | 15-Mar-07 | < 0.001 | < 0.0002 | < 0.0002 | | | 919 | | | | | | < 0.0002 | | < 0.01 | 0.0806 | 97 | | |
| North Chamber | 17-Apr-07 | < 0.01 | < 0.0002 | < 0.0002 | 0.000006 | | 977 | 0.000012 | 0.000006 | 0.000006 | 0.000006 | 0.26 | < 0.0002 | (2v) 38.3 | < 0.01 | 0.105 | 97 | 0.005 | 1.2 |
| North Chamber | 8-May-07 | < 0.001 | < 0.0002 | < 0.0002 | | | 220 | | | | | | < 0.0002 | | < 0.001 | < 0.001 | 34 | | |
| North Chamber | 5-Jun-07 | < 0.001 | < 0.0002 | < 0.0002 | | | 234 | | | | | | < 0.0002 | | < 0.001 | < 0.001 | 38 | | |
| North Chamber | 5-Jul-07 | < 0.001 | < 0.0002 | < 0.0002 | | | 854 | | | | | | < 0.0002 | | < 0.01 | 0.114 | 97 | | |
| North Chamber | 16-Aug-07 | < 0.001 | < 0.0002 | < 0.0002 | | | 1260 | | | | | | < 0.0002 | | < 0.01 | 0.088 | 203 | | |
| North Chamber | 14-Sep-07 | < 0.001 | 0.0002 | 0.0004 | | | 1030 | | | | | | < 0.0002 | | < 0.01 | 0.0576 | 177 | | |
| North Chamber | 15-Oct-07 | < 0.001 | < 0.0002 | < 0.0002 | < 0.000006 | < 1 | 678 | < 0.00001 | < 0.000006 | < 0.000006 | < 0.000006 | 0.86 | < 0.0002 | 19.2 | < 0.01 | 0.0423 | 90 | < 0.005 | 0.3 |
| North Chamber | 12-Nov-07 | < 0.001 | < 0.0002 | < 0.0002 | | | 797 | | | | | | < 0.0002 | | < 0.01 | 0.0863 | 108 | | |
| North Chamber | 5-Dec-07 | < 0.001 | < 0.0002 | < 0.0002 | | | 1010 | | | | | | < 0.0002 | | < 0.01 | 0.114 | 122 | | |
| North Chamber | 8-Jan-08 | < 0.001 | < 0.0002 | < 0.0002 | | | 823 | | | | | | < 0.0002 | | < 0.01 | 0.16 | 78 | | |
| North Chamber | 14-Feb-08 | < 0.002 | 0.00008 | < 0.00005 | | | 920 | | | | | | < 0.0001 | | 0.003 | 0.13 | | | |
| North Chamber | 17-Mar-08 | < 0.004 | < 0.00005 | 0.00018 | | | 970 | | | | | | < 0.0001 | | 0.0025 | 0.15 | | | |
| North Chamber | 3-Apr-08 | < 0.005 | 0.00006 | 0.00018 | | | 870 | | | | | | < 0.0001 | | 0.002 | 0.16 | | | |
| North Chamber | 12 & 15 May-08 | < 0.001 | 0.00011 | 0.00037 | < 0.000006 | < 0.5 | 840 | < 0.00001 | < 0.000006 | < 0.000006 | < 0.000006 | 0.23 | < 0.0001 | 22 | 0.0039 | 0.13 | 140 | < 0.005 | 1.5 |
| North Chamber | 9-Jun-08 | < 0.004 | 0.00009 | 0.00031 | | | 720 | | | | | | < 0.0001 | | 0.0037 | 0.061 | | | |
| North Chamber | 2-Jul-08 | < 0.004 | 0.00017 | 0.00052 | | | 1000 | | | | | | < 0.0001 | | 0.0054 | 0.12 | | | |
| North Chamber | 20-Aug-08 | < 0.0005 | < 0.00005 | < 0.00005 | | | 210 | | | | | | < 0.0001 | | 0.0005 | 0.0095 | | | |
| North Chamber | 14-Oct-08 | < 0.002 | 0.00019 | 0.00046 | | | 680 | | | | | | < 0.0001 | | 0.0025 | 0.087 | | | |
| North Chamber | 17-Nov-08 | < 0.004 | 0.00023 | 0.00051 | < 0.00006 | < 1 | 850 | < 0.0001 | < 0.00006 | < 0.00006 | < 0.00006 | 0.31 | < 0.0001 | 7.9 | < 0.005 | 0.14 | 140 | < 0.005 | 0.45 |
| North Chamber | 9-Dec-08 | < 0.002 | 0.00006 | 0.0003 | | | 380 | | | | | | < 0.0001 | | 0.001 | 0.058 | | | |

| Location | Sampling Date | Mercury mg/L | Methoxychlor mg/L | Methylene Chloride mg/L | Metolachlor mg/L | Metribuzin mg/L | Molybdenum mg/L | Monochloro benzene mg/L | Naphthalene mg/L | Nickel mg/L | Nitrate mg/L | Nitrite mg/L | NO2 + NO3 as N mg/L | o,p-DDT mg/L | Oxy chlordane mg/L | o-Xylene mg/L | Paraquat mg/L | Parathion mg/L | Penta chloro phenol mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| North Chamber | 2/4/2000 | *ND* | | | | | | | | | *ND* | *ND* | | | | | | | |
| North Chamber | 3/1/2000 | *ND* | | | | | | | | | *ND* | *ND* | | | | | | | |
| North Chamber | 4/7/2000 | *ND* | | | | | | | | | *ND* | *ND* | | | | | | | |
| North Chamber | 5/5/2000 | *ND* | | | | | | | | | *ND* | *ND* | | | | | | | |
| North Chamber | 6/1/2000 | *ND* | | | | | | | | | 0.22 | 0.1 | | | | | | | |
| North Chamber | 7/4/2000 | *ND* | | | | | | | | | *ND* | *ND* | | | | | | | |
| North Chamber | 7/31/2000 | *ND* | | | | | | | | | 0.23 | *ND* | | | | | | | |
| North Chamber | 8/29/2000 | *ND* | | | | | | | | | *ND* | *ND* | | | | | | | |
| North Chamber | 10/4/2000 | | | | | | | | | | *ND* | *ND* | | | | | | | |
| North Chamber | 10/30/2000 | *ND* | | | | | | | | | 0.18 | *ND* | | | | | | | |
| North Chamber | 12/7/2000 | *ND* | | | | | | | | | *ND* | *ND* | | | | | | | |
| North Chamber | 1/3/2001 | *ND* | | | | | | | | | *ND* | *ND* | | | | | | | |
| North Chamber | 2/2/2001 | 0.0015 | | | | | | | | | *ND* | *ND* | | | | | | | |
| North Chamber | 3/3/2001 | | | | | | | | | | | | | | | | | | |
| North Chamber | 3/7/2001 | *ND* | | | | | | | | | *ND* | *ND* | | | | | | | |
| North Chamber | 4/5/2001 | *ND* | | | | | | | | | *ND* | *ND* | | | | | | | |
| North Chamber | 5/3/2001 | *ND* | | | | | | | | | | | | | | | | | |
| North Chamber | 6/6/2001 | *ND* | | | | | *ND* | | | 0.1 | *ND* | *ND* | | | | | | | |
| North Chamber | 7/4/2001 | 0.0103 | | | | | *ND* | | | 0.11 | *ND* | *ND* | | | | | | | |
| North Chamber | 8/8/2001 | 0.0012 | | | | | *ND* | | | 0.14 | *ND* | *ND* | | | | | | | |
| North Chamber | 9/5/2001 | | | | | | | | | | | | | | | | | | |
| North Chamber | 9/6/2001 | 0.002 | | | | | *ND* | | | 0.12 | *ND* | *ND* | | | | | | | |
| North Chamber | 10/2/2001 | | | | | | | | | | | | | | | | | | |
| North Chamber | 10/3/2001 | 0.0009 | | | | | | | | | *ND* | *ND* | | | | | | | |
| North Chamber | 11/1/2001 | 0.0002 | | | | | *ND* | | | 0.07 | *ND* | *ND* | | | | | | | |
| North Chamber | 12/5/2001 | | | | | | | | | | | | | | | | | | |
| North Chamber | 12/7/2001 | *ND* | | | | | *ND* | | | 0.05 | *ND* | *ND* | | | | | | | |
| North Chamber | 1/9/2002 | | | | | | *ND* | | | 0.04 | *ND* | *ND* | | | | | | | |
| North Chamber | 2/6/2002 | 0.0007 | | | | | *ND* | | | 0.07 | *ND* | *ND* | | | | | | | |
| North Chamber | 3/7/2002 | 0.0009 | | | | | *ND* | | | 0.02 | *ND* | *ND* | | | | | | | |
| North Chamber | 4/8/2002 | *ND* | | | | | *ND* | | | *ND* | *ND* | *ND* | | | | | | | |
| North Chamber | 5/6/2002 | *ND* | | | | | *ND* | | | 0.03 | *ND* | *ND* | | | | | | | |
| North Chamber | 6/7/2002 | *ND* | | | | | *ND* | | | 0.02 | *ND* | *ND* | | | | | | | |
| North Chamber | 7/3/2002 | *ND* | | | | | 0.005 | | | 0.039 | *ND* | *ND* | | | | | | | |
| North Chamber | 8/1/2002 | *ND* | | | | | 0.012 | | | 0.129 | *ND* | *ND* | | | | | | | |
| North Chamber | 9/3/2002 | *ND* | | | | | 0.006 | | | 0.112 | *ND* | *ND* | | | | | | | |
| North Chamber | 10/2/2002 | *ND* | | | | | *ND* | | | 0.157 | *ND* | *ND* | | | | | | | |
| North Chamber | 11/1/2002 | *ND* | | | | | 0.01 | | | 0.11 | *ND* | *ND* | | | | | | | |
| North Chamber | 12/16/2002 | *ND* | | | | | *ND* | | | 0.136 | 0.16 | *ND* | | | | | | | |
| North Chamber | 1/11/2003 | *ND* | | | | | | | | | *ND* | *ND* | | | | | | | |
| North Chamber | 2/10/2003 | | | | | | | | | | *ND* | *ND* | | | | | | | |
| North Chamber | 2/12/2003 | *ND* | | | | | *ND* | | | 0.04 | | | | | | | | | |
| North Chamber | 3/3/2003 | *ND* | | | | | *ND* | | | 0.06 | *ND* | *ND* | | | | | | | |
| North Chamber | 4/1/2003 | 0.0002 | | < 0.2 | | | | < 0.01 | 0.0011 | | < 0.1 | < 0.1 | | | | 0.042 | | | |
| North Chamber | 5/8/2003 | < 0.0002 | | < 0.04 | | | 0.018 | < 0.002 | 0.0014 | 0.045 | < 0.1 | < 0.1 | | | | 0.01 | | | |
| North Chamber | 6/3/2003 | *ND* | | | | | *ND* | | | 0.04 | *ND* | *ND* | | | | | | | |
| North Chamber | 7/4/2003 | < 0.0001 | | < 0.048 | | | < 0.05 | < 0.02 | < 0.0004 | 0.08 | < 0.1 | < 0.1 | | | | < 0.027 | | | |
| North Chamber | 8/5/2003 | < 0.0002 | | < 0.048 | | | < 0.05 | < 0.02 | 0.0028 | 0.13 | < 0.5 | < 0.1 | | | | 0.037 | | | |
| North Chamber | 9/2/2003 | < 0.0002 | | < 0.048 | | | < 0.005 | < 0.02 | 0.0042 | 0.176 | < 0.1 | < 0.1 | | | | 0.043 | | | |
| North Chamber | 10/3/2003 | < 0.0002 | | 0.0292 | | | 0.005 | 0.0034 | 0.005 | 0.123 | < 1 | < 0.1 | | | | 0.0457 | | | |
| North Chamber | 11/3/2003 | 0.0002 | | < 0.0048 | | | 0.01 | < 0.002 | < 0.0004 | 0.04 | 3.66 | 0.26 | | | | < 0.0027 | | | |
| North Chamber | 12/5/2003 | < 0.0002 | | < 0.048 | | | < 0.005 | < 0.02 | 0.0031 | 0.046 | < 0.5 | < 0.1 | | | | 0.045 | | | |
| North Chamber | 1/7/2004 | 0.0003 | | < 0.0048 | | | < 0.005 | < 0.002 | 0.0004 | 0.017 | < 0.1 | < 0.1 | | | | 0.003 | | | |
| North Chamber | 2/11/2004 | < 0.0001 | | < 0.0048 | | | < 0.005 | 0.0043 | 0.0054 | 0.067 | < 1 | < 0.1 | | | | 0.0526 | | | |
| North Chamber | 3/4/2004 | < 0.0001 | | < 0.0048 | | | < 0.005 | < 0.002 | < 0.0004 | 0.028 | < 0.5 | < 0.1 | | | | < 0.0027 | | | |
| North Chamber | 4/20/2004 | < 0.0002 | | < 0.0048 | | | < 0.005 | 0.0036 | 0.0008 | 0.064 | < 0.5 | < 0.1 | | | | 0.0437 | | | |
| North Chamber | 5/6/2004 | < 0.0001 | | | | | < 0.05 | | 0.002 | 0.05 | < 0.1 | < 0.1 | | | | 0.0484 | | | |
| North Chamber | 6/2/2004 | < 0.0001 | | < 0.0048 | | | < 0.005 | 0.0032 | 0.0021 | 0.064 | < 0.5 | < 0.5 | | | | 0.038 | | | |
| North Chamber | 7/6/2004 | 0.0001 | < 0.000024 | < 0.0048 | < 0.0005 | < 0.005 | < 0.05 | 0.0034 | 0.0038 | 0.13 | < 0.1 | < 0.1 | | < 0.000006 | < 0.000006 | 0.0267 | < 0.001 | < 0.001 | < 0.0005 |
| North Chamber | 8/10/2004 | < 0.0001 | | | | | < 0.05 | | 0.0033 | 0.083 | 0.57 | < 0.1 | | | | 0.0251 | | | |
| North Chamber | 10/6/2004 | < 0.0001 | | | | | 0.526 | | 0.0054 | 0.101 | < 0.5 | < 0.1 | | | | 0.0371 | | | |
| North Chamber | 11/16/2004 | | < 0.000024 | | < 0.005 | < 0.05 | | | | | | | | < 0.000006 | < 0.000006 | | < 0.001 | < 0.01 | < 0.005 |
| North Chamber | 12/1/2004 | < 0.0001 | | | | | 0.011 | | 0.0015 | 0.069 | < 0.5 | < 0.1 | | | | 0.0355 | | | |

| Location | Sampling Date | Mercury mg/L | Methoxychlor mg/L | Methylene Chloride mg/L | Metolachlor mg/L | Metribuzin mg/L | Molybdenum mg/L | Monochloro benzene mg/L | Naphthalene mg/L | Nickel mg/L | Nitrate mg/L | Nitrite mg/L | NO2 + NO3 as N mg/L | o,p-DDT mg/L | Oxy chlordane mg/L | o-Xylene mg/L | Paraquat mg/L | Parathion mg/L | Penta chloro phenol mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| North Chamber | 1/7/2005 | < 0.0001 | | | | | < 0.005 | | 0.0021 | 0.039 | < 0.5 | < 0.1 | | | | 0.041 | | | |
| North Chamber | 1/25/2005 | 0.0003 | | | | | < 0.005 | | 0.0035 | < 0.005 | < 0.5 | < 0.1 | < 0.5 | | | 0.053 | | | |
| North Chamber | 3/1/2005 | < 0.0001 | | < 0.0048 | | | < 0.005 | 0.0036 | 0.004 | 0.061 | < 0.5 | < 0.1 | | | | 0.0237 | | | |
| North Chamber | 3/30/2005 | < 0.0001 | | < 0.0048 | | | 0.008 | 0.0029 | 0.0034 | 0.062 | < 0.5 | < 0.1 | | | | 0.023 | | | |
| North Chamber | 5/5/2005 | < 0.0001 | < 0.000024 | < 0.0048 | < 0.0005 | < 0.005 | < 0.005 | < 0.002 | < 0.0002 | 0.033 | 2.26 | 0.18 | | < 0.000006 | < 0.000006 | < 0.0027 | < 0.001 | < 0.001 | < 0.0005 |
| North Chamber | 6/3/2005 | < 0.0001 | | < 0.0048 | | | < 0.005 | < 0.002 | < 0.0004 | 0.033 | 6.99 | 0.29 | | | | < 0.0027 | | | |
| North Chamber | 7/7/2005 | 0.0001 | | < 0.004 | | | < 0.005 | < 0.0002 | 0.0004 | 0.041 | < 0.1 | < 0.1 | | | | 0.0052 | | | |
| North Chamber | 8/9/2005 | < 0.0001 | | < 0.04 | | | < 0.05 | 0.009 | 0.0067 | 0.07 | < 0.5 | < 0.1 | | | | 0.038 | | | |
| North Chamber | 9/23/2005 | < 0.0001 | | < 0.0048 | | | < 0.005 | < 0.002 | < 0.0004 | 0.031 | < 0.1 | < 0.1 | | | | < 0.0027 | | | |
| North Chamber | 10/6/2005 | < 0.0001 | | < 0.0048 | | | < 0.05 | < 0.002 | < 0.002 | < 0.05 | < 0.1 | < 0.1 | | | | 0.0189 | | | |
| North Chamber | 12/1/2005 | < 0.0001 | | < 0.05 | | | < 0.005 | < 0.002 | 0.0003 | 0.048 | < 0.5 | < 0.1 | | | | 0.047 | | | |
| North Chamber | 1/12/2006 | *< 0.0001* | | < 0.04 | | | < 0.05 | 0.006 | < 0.0002 | < 0.05 | *< 0.1* | *< 0.1* | | | | 0.065 | | | |
| North Chamber | 2/2/2006 | *< 0.0001* | | < 0.004 | | | < 0.05 | 0.0063 | 0.0042 | 0.06 | *0.27* | *< 0.1* | | | | 0.0623 | | | |
| North Chamber | 3/1/2006 | *< 0.0001* | | < 0.06 | | | < 0.05 | < 0.002 | 0.0037 | 0.1 | *< 0.1* | *< 0.1* | | | | 0.055 | | | |
| North Chamber | 4/5/2006 | *< 0.0001* | | < 0.04 | | | < 0.05 | 0.005 | 0.0013 | 0.11 | *< 0.1* | *< 0.1* | | | | 0.057 | | | |
| North Chamber | 5/29/2006 | *< 0.0001* | < 0.000024 | < 0.004 | < 0.0005 | < 0.005 | < 0.05 | 0.0051 | 0.094 | 0.07 | *< 0.1* | *< 0.1* | | < 0.000006 | < 0.000006 | 0.0507 | < 0.001 | < 0.001 | < 0.0005 |
| North Chamber | 6/22/2006 | *< 0.0001* | | < 0.004 | | | < 0.05 | 0.0005 | 0.0002 | < 0.05 | *< 0.1* | *< 0.1* | | | | 0.0066 | | | |
| North Chamber | 7/11/2006 | *< 0.0001* | | < 0.004 | | | < 0.005 | < 0.0002 | < 0.0002 | 0.024 | *0.22* | *< 0.1* | | | | < 0.0005 | | | |
| North Chamber | 8/8/2006 | *< 0.0001* | | < 0.004 | | | < 0.005 | < 0.0002 | < 0.0002 | 0.027 | *< 0.1* | *0.27* | | | | < 0.0005 | | | |
| North Chamber | 9/13/2006 | *< 0.0001* | | < 0.004 | | | < 0.05 | < 0.0002 | < 0.0002 | < 0.05 | *< 0.1* | *< 0.1* | | | | < 0.0005 | | | |
| North Chamber | 10/5/2006 | *< 0.0001* | | < 0.004 | | | < 0.05 | < 0.0002 | < 0.0002 | 0.05 | *< 0.1* | *< 0.1* | | | | < 0.0005 | | | |
| North Chamber | 11/16/2006 | *< 0.0001* | | < 0.004 | | | < 0.05 | 0.0019 | 0.0018 | 0.08 | *< 0.1* | *< 0.1* | | | | 0.0386 | | | |
| North Chamber | 12/6/2006 | *< 0.0001* | | < 0.004 | | | < 0.05 | < 0.0002 | 0.0033 | 0.18 | *< 0.1* | *< 0.1* | | | | 0.0037 | | | |
| North Chamber | 9-Jan-07 | < 0.0001 | | < 0.004 | | | < 0.05 | 0.0037 | 0.0057 | 0.07 | < 0.1 | < 0.1 | | | | 0.077 | | | |
| North Chamber | 22-Feb-07 | < 0.0001 | | 0.0061 | | | < 0.05 | | 0.004 | 0.1 | < 0.1 | < 0.1 | | | | | | | |
| North Chamber | 15-Mar-07 | < 0.0001 | | | | | < 0.05 | 0.0028 | 0.0026 | 0.07 | < 0.1 | < 0.1 | | | | 0.0251 | | | |
| North Chamber | 17-Apr-07 | < 0.0001 | 0.000024 | < 0.04 | 0.0005 | 0.005 | < 0.05 | 0.003 | < 0.0002 | 0.26 | < 0.1 | < 0.1 | | 0.000006 | 0.000006 | 0.039 | | 0.001 | < 0.0005 |
| North Chamber | 8-May-07 | < 0.0001 | | < 0.004 | | | < 0.005 | < 0.0002 | < 0.0002 | 0.022 | 0.21 | < 0.1 | | | | < 0.0005 | | | |
| North Chamber | 5-Jun-07 | < 0.0001 | | < 0.004 | | | < 0.005 | < 0.0002 | < 0.0002 | 0.021 | 0.72 | < 0.1 | | | | < 0.0005 | | | |
| North Chamber | 5-Jul-07 | < 0.0001 | | < 0.004 | | | < 0.05 | 0.0021 | 0.0025 | 0.06 | < 0.1 | < 0.1 | | | | 0.0371 | | | |
| North Chamber | 16-Aug-07 | < 0.0001 | | < 0.004 | | | < 0.05 | 0.0034 | 0.0011 | 0.25 | < 0.1 | < 0.1 | | | | 0.0288 | | | |
| North Chamber | 14-Sep-07 | < 0.0001 | | < 0.004 | | | 0.01 | 0.0017 | 0.004 | 0.24 | < 0.1 | < 0.1 | | | | 0.0162 | | | |
| North Chamber | 15-Oct-07 | < 0.0001 | < 0.00002 | < 0.004 | < 0.0005 | < 0.005 | < 0.05 | 0.0011 | < 0.0002 | 0.12 | < 0.1 | < 0.1 | | < 0.000006 | < 0.000006 | 0.0157 | < 0.01 | < 0.001 | < 0.0005 |
| North Chamber | 12-Nov-07 | < 0.0001 | | 0.0054 | | | < 0.05 | 0.0024 | 0.0015 | 0.11 | < 0.1 | < 0.1 | | | | 0.0375 | | | |
| North Chamber | 5-Dec-07 | < 0.0001 | | < 0.004 | | | < 0.05 | 0.0047 | 0.0018 | 0.09 | < 0.1 | < 0.1 | | | | 0.048 | | | |
| North Chamber | 8-Jan-08 | < 0.0001 | | 0.0065 | | | < 0.05 | 0.0069 | 0.0016 | 0.06 | < 0.1 | < 0.1 | | | | 0.0884 | | | |
| North Chamber | 14-Feb-08 | < 0.0002 | | < 0.005 | | | < 0.01 | 0.005 | 0.0075 | 0.074 | < 0.1 | 0.01 | | | | 0.054 | | | |
| North Chamber | 17-Mar-08 | < 0.0002 | | < 0.01 | | | 0.003 | 0.006 | 0.0065 | 0.06 | < 0.1 | 0.01 | | | | 0.062 | | | |
| North Chamber | 3-Apr-08 | < 0.0002 | | < 0.01 | | | < 0.002 | 0.005 | 0.0053 | 0.044 | < 0.1 | < 0.01 | | | | 0.061 | | | |
| North Chamber | 12 & 15 May-08 | < 0.0002 | < 0.00002 | < 0.003 | < 0.0005 | < 0.005 | 0.003 | 0.0042 | 0.0055 | 0.065 | < 0.1 | 0.02 | | < 0.000006 | < 0.000006 | 0.044 | | | < 0.0005 |
| North Chamber | 9-Jun-08 | < 0.0002 | | < 0.01 | | | 0.003 | < 0.002 | 0.0073 | 0.074 | < 0.1 | 0.01 | | | | 0.036 | | | |
| North Chamber | 2-Jul-08 | < 0.0002 | | < 0.01 | | | 0.006 | 0.004 | 0.0081 | 0.14 | < 1 | < 0.1 | | | | 0.037 | | | |
| North Chamber | 20-Aug-08 | < 0.0002 | | < 0.001 | | | < 0.002 | 0.0004 | 0.00011 | 0.018 | < 0.1 | < 0.01 | | | | 0.0037 | | | |
| North Chamber | 14-Oct-08 | < 0.0002 | | < 0.005 | | | 0.003 | 0.001 | 0.0092 | 0.072 | < 0.1 | 0.02 | | | | 0.028 | | | |
| North Chamber | 17-Nov-08 | < 0.0002 | < 0.0002 | < 0.0001 | < 0.0005 | < 0.005 | < 0.02 | 0.004 | 0.009 | 0.13 | < 0.1 | 0.03 | | < 0.00006 | < 0.00006 | 0.043 | | | < 0.0005 |
| North Chamber | 9-Dec-08 | < 0.0002 | | < 0.005 | | | < 0.002 | 0.003 | 0.0061 | 0.024 | < 0.1 | < 0.01 | | | | 0.024 | | | |

| Location | Sampling Date | pH unitless | Phen anthrene mg/L | Phenol mg/L | Phorate mg/L | Phosphorus (total) mg/L | Picloram mg/L | Poly chlorinated Biphenyls (PCBs) mg/L | Potassium mg/L | Prometryne mg/L | Pyrene mg/L | Selenium mg/L | Silver mg/L | Simazine mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| North Chamber | 2/4/2000 | 7.24 | | 1.3 | | | | | 380 | | | | | |
| North Chamber | 3/1/2000 | 7.24 | | 1.15 | | | | | 395 | | | | | |
| North Chamber | 4/7/2000 | 7.13 | | 0.751 | | | | | 314 | | | | | |
| North Chamber | 5/5/2000 | 7.33 | | 1.01 | | | | | 316 | | | | | |
| North Chamber | 6/1/2000 | 7.99 | | 0.94 | | | | | 300 | | | | | |
| North Chamber | 7/4/2000 | 7.2 | | 1.32 | | | | | 610 | | | | | |
| North Chamber | 7/31/2000 | 7.47 | | 1.34 | | | | | 380 | | | | | |
| North Chamber | 8/29/2000 | 7.36 | | 1.07 | | | | | 370 | | | | | |
| North Chamber | 10/4/2000 | | | | | | | | 642 | | | | | |
| North Chamber | 10/30/2000 | 7.27 | | 0.966 | | | | | 486 | | | | | |
| North Chamber | 12/7/2000 | 7 | | 0.595 | | | | | 373 | | | | | |
| North Chamber | 1/3/2001 | 6.86 | | 0.553 | | | | *ND* | 252 | | | | | |
| North Chamber | 2/2/2001 | 6.88 | | 0.733 | | | | *ND* | 303 | | | | | |
| North Chamber | 3/3/2001 | | | | | | | *ND* | | | | | | |
| North Chamber | 3/7/2001 | 6.83 | | 0.543 | | | | | 250 | | | | | |
| North Chamber | 4/5/2001 | 6.76 | | 0.44 | | | | *ND* | 170 | | | | | |
| North Chamber | 5/3/2001 | | | | | | | *ND* | | | | 0.004 | | |
| North Chamber | 6/6/2001 | 7.16 | | 0.769 | | | | | 330 | | | | | |
| North Chamber | 7/4/2001 | 7.59 | | 1.34 | | 1.76 | | *ND* | 420 | | | 0.001 | | |
| North Chamber | 8/8/2001 | 7.11 | | 0.442 | | | | *ND* | 582 | | | | | |
| North Chamber | 9/5/2001 | | | | | | | *ND* | | | | | | |
| North Chamber | 9/6/2001 | 6.76 | | 0.803 | | 1.28 | | | 414 | | | 0.004 | | |
| North Chamber | 10/2/2001 | | | | | | | *ND* | | | | | | |
| North Chamber | 10/3/2001 | 6.85 | | 1.55 | | 4.29 | | | 282 | | | 0.012 | | |
| North Chamber | 11/1/2001 | 7.04 | | 2.22 | | 1.54 | | | 415 | | | 0.003 | | |
| North Chamber | 12/5/2001 | | | | | | | | | | | | | |
| North Chamber | 12/7/2001 | 7.07 | | 0.91 | | 0.26 | | *ND* | 318 | | | | | |
| North Chamber | 1/9/2002 | | | | | 1.08 | | *ND* | 265 | | | | | |
| North Chamber | 2/6/2002 | 7.12 | | 1.09 | | 0.91 | | *ND* | 227 | | | | | |
| North Chamber | 3/7/2002 | 6.69 | | 0.525 | | 0.89 | | *ND* | 141 | | | | | |
| North Chamber | 4/8/2002 | 7.02 | | 0.085 | | 0.42 | | *ND* | 89 | | | | | |
| North Chamber | 5/6/2002 | 6.85 | | 0.542 | | 1.16 | | *ND* | 172 | | | | | |
| North Chamber | 6/7/2002 | 7.05 | | 0.313 | | 1 | | *ND* | 187 | | | | | |
| North Chamber | 7/3/2002 | 6.82 | | 0.656 | | 1.63 | | | 259 | | | | | |
| North Chamber | 8/1/2002 | 7.1 | | 1.53 | | 0.79 | | *ND* | 445 | | | | | |
| North Chamber | 9/3/2002 | 7.22 | | 1.08 | | 0.53 | | *ND* | 608 | | | | | |
| North Chamber | 10/2/2002 | 7.11 | | 1.02 | | 0.86 | | *ND* | 513 | | | | | |
| North Chamber | 11/1/2002 | 7.11 | | 0.529 | | 0.79 | | *ND* | 422 | | | | | |
| North Chamber | 12/16/2002 | 7.13 | | 0.492 | | 1.21 | | *ND* | | | | | | |
| North Chamber | 1/11/2003 | 7.08 | | 0.526 | | 0.82 | | | 333 | | | 0 | | |
| North Chamber | 2/10/2003 | 6.71 | | 0.255 | | 0.43 | | *ND* | | | | | | |
| North Chamber | 2/12/2003 | | | | | | | | 211 | | | 0 | | |
| North Chamber | 3/3/2003 | 6.98 | | 0.288 | | 0.58 | | *ND* | 317 | | | 0 | | |
| North Chamber | 4/1/2003 | 6.58 | 0.0001 | 0.388 | | 0 | | | 91 | | < 0.0002 | 0 | < 0.01 | |
| North Chamber | 5/8/2003 | 7.03 | 0.0001 | 0.074 | | 0.45 | | | 142 | | < 0.0002 | 0 | < 0.01 | |
| North Chamber | 6/3/2003 | | | 0.365 | | 0.5 | | | 290 | | | | *ND* | |
| North Chamber | 7/4/2003 | 7.16 | < 0.0012 | 0.382 | | 0.84 | | | 413 | | < 0.0012 | | < 0.1 | |
| North Chamber | 8/5/2003 | 7.14 | < 0.0012 | 0.341 | | | | | | | < 0.0012 | 0.01 | | |
| North Chamber | 9/2/2003 | 7.14 | < 0.0012 | 0.291 | | | | | | | < 0.0012 | < 0.05 | | |
| North Chamber | 10/3/2003 | 7.22 | < 0.012 | 0.265 | | | | | | | < 0.012 | < 0.05 | | |
| North Chamber | 11/3/2003 | 7.96 | < 0.0012 | 0.004 | | | | | | | < 0.0012 | 0.003 | | |
| North Chamber | 12/5/2003 | 6.66 | < 0.0012 | 0.129 | | | | | | | < 0.0012 | 0.005 | | |
| North Chamber | 1/7/2004 | 7.4 | < 0.0012 | 0.005 | | | | | | | < 0.0012 | 0.002 | | |
| North Chamber | 2/11/2004 | 6.94 | < 0.0012 | 0.142 | | | | | | | < 0.0012 | 0.01 | | |
| North Chamber | 3/4/2004 | 7.69 | < 0.0012 | 0.02 | | | | | | | < 0.0012 | 0.003 | | |
| North Chamber | 4/20/2004 | 6.8 | < 0.0012 | 0.107 | | | | | | | < 0.0012 | < 0.05 | | |
| North Chamber | 5/6/2004 | 6.89 | < 0.0012 | | | 0.86 | | | | | < 0.0012 | 0.03 | < 0.001 | |
| North Chamber | 6/2/2004 | 7 | < 0.0012 | 0.079 | | | | | | | < 0.0012 | < 0.05 | | |
| North Chamber | 7/6/2004 | 7.15 | < 0.0012 | | < 0.0005 | 1.18 | < 0.005 | 0.00009 | | < 0.00025 | < 0.0012 | 0.02 | < 0.001 | < 0.001 |
| North Chamber | 8/10/2004 | 7 | < 0.0012 | | | | | | | | < 0.0012 | < 0.05 | | |
| North Chamber | 10/6/2004 | 7.03 | < 0.0012 | | | | | | | | < 0.0012 | < 0.05 | | |
| North Chamber | 11/16/2004 | | | | < 0.005 | 1.9 | < 0.05 | < 0.00005 | | < 0.0025 | | | < 0.01 | < 0.01 |
| North Chamber | 12/1/2004 | 6.78 | < 0.0012 | | | | | | | | < 0.0012 | < 0.05 | | |

| Location | Sampling Date | pH unitless | Phen anthrene mg/L | Phenol mg/L | Phorate mg/L | Phosphorus (total) mg/L | Picloram mg/L | Poly chlorinated Biphenyls (PCBs) mg/L | Potassium mg/L | Prometryne mg/L | Pyrene mg/L | Selenium mg/L | Silver mg/L | Simazine mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| North Chamber | 1/7/2005 | 6.79 | < 0.0012 | | | | | | | | < 0.0012 | < 0.05 | | |
| North Chamber | 1/25/2005 | 6.92 | < 0.0012 | | | | | | | | < 0.0012 | 2.8 | | |
| North Chamber | 3/1/2005 | 7.03 | < 0.0012 | 0.149 | | | | | | | < 0.0012 | < 0.05 | | |
| North Chamber | 3/30/2005 | 6.98 | < 0.0012 | 0.065 | | | | | | | < 0.0012 | < 0.05 | | |
| North Chamber | 5/5/2005 | 7.81 | < 0.0002 | < 0.001 | < 0.0005 | 0.07 | < 0.005 | < 0.0001 | | < 0.00025 | < 0.0002 | 0.004 | < 0.0001 | < 0.001 |
| North Chamber | 6/3/2005 | 8.08 | < 0.0012 | < 0.001 | | | | | | | < 0.0012 | 0.004 | | |
| North Chamber | 7/7/2005 | 7.74 | < 0.0002 | 0.009 | | | | | | | < 0.0002 | 0.008 | | |
| North Chamber | 8/9/2005 | 6.74 | 0.0005 | 0.028 | | | | | | | < 0.0002 | < 0.01 | | |
| North Chamber | 9/23/2005 | 8.7 | < 0.0012 | < 0.001 | | | | | | | < 0.0012 | 0.006 | | |
| North Chamber | 10/6/2005 | 6.77 | < 0.006 | 0.016 | | | | | | | < 0.006 | < 0.01 | | |
| North Chamber | 12/1/2005 | 6.69 | < 0.0002 | 0.019 | | | | | | | < 0.0002 | < 0.05 | | |
| North Chamber | 1/12/2006 | 6.77 | < 0.0002 | 0.062 | | | | | | | < 0.0002 | < 0.01 | | |
| North Chamber | 2/2/2006 | 6.71 | < 0.0002 | 0.038 | | | | | | | < 0.0002 | 0.01 | | |
| North Chamber | 3/1/2006 | 6.56 | < 0.0002 | 0.029 | | | | | | | < 0.0002 | < 0.01 | | |
| North Chamber | 4/5/2006 | 6.76 | < 0.0002 | 0.033 | | | | | | | < 0.0002 | < 0.01 | | |
| North Chamber | 5/29/2006 | 6.96 | < 0.004 | 0.028 | < 0.0005 | 1.09 | < 0.005 | 0.00025 | | < 0.00025 | < 0.004 | < 0.01 | < 0.001 | < 0.001 |
| North Chamber | 6/22/2006 | 7.2 | < 0.0002 | 0.004 | | | | | | | < 0.0002 | < 0.01 | | |
| North Chamber | 7/11/2006 | 8.37 | < 0.0002 | < 0.001 | | | | | | | < 0.0002 | < 0.001 | | |
| North Chamber | 8/8/2006 | 8.41 | < 0.0002 | 0.001 | | | | | | | < 0.0002 | < 0.001 | | |
| North Chamber | 9/13/2006 | 7.06 | < 0.0002 | 0.006 | | | | | | | < 0.0002 | 0.01 | | |
| North Chamber | 10/5/2006 | 7.41 | < 0.0002 | 0.005 | | | | | | | < 0.0002 | < 0.01 | | |
| North Chamber | 11/16/2006 | 7.83 | < 0.0002 | 0.019 | | | | | | | < 0.0002 | < 0.01 | | |
| North Chamber | 12/6/2006 | 7.08 | < 0.0002 | 0.01 | | | | | | | < 0.0002 | < 0.01 | | |
| North Chamber | 9-Jan-07 | 7.3 | 0.0002 | 0.013 | | | | | | | < 0.0002 | < 0.01 | | |
| North Chamber | 22-Feb-07 | 7.31 | 0.0003 | 0.053 | | | | | | | < 0.0002 | < 0.01 | | |
| North Chamber | 15-Mar-07 | 7.37 | < 0.0002 | 0.071 | | | | | | | < 0.0002 | < 0.01 | | |
| North Chamber | 17-Apr-07 | 6.92 | < 0.0002 | 0.013 | 0.0005 | 0.88 | 0.005 | 0.00005 | | 0.00025 | < 0.0002 | < 0.01 | 0.001 | 0.001 |
| North Chamber | 8-May-07 | 7 | < 0.0002 | < 0.001 | | | | | | | < 0.0002 | 0.006 | | |
| North Chamber | 5-Jun-07 | 8.23 | < 0.0002 | < 0.001 | | | | | | | < 0.0002 | 0.003 | | |
| North Chamber | 5-Jul-07 | 7.24 | < 0.0002 | 0.029 | | | | | | | < 0.0002 | < 0.01 | | |
| North Chamber | 16-Aug-07 | 7.9 | < 0.0002 | 0.131 | | | | | | | < 0.0002 | < 0.01 | | |
| North Chamber | 14-Sep-07 | 7.43 | 0.0007 | 0.122 | | | | | | | 0.0002 | < 0.05 | | |
| North Chamber | 15-Oct-07 | 7.35 | < 0.0002 | 0.024 | < 0.0005 | 1.98 | < 0.005 | 0.00021 | | < 0.0003 | < 0.0002 | 0.03 | < 0.001 | < 0.001 |
| North Chamber | 12-Nov-07 | 7.23 | < 0.0002 | 0.017 | | | | | | | < 0.0002 | < 0.01 | | |
| North Chamber | 5-Dec-07 | 7.43 | < 0.0002 | 0.033 | | | | | | | < 0.0002 | < 0.01 | | |
| North Chamber | 8-Jan-08 | 7.09 | < 0.0002 | 0.024 | | | | | | | < 0.0002 | < 0.01 | | |
| North Chamber | 14-Feb-08 | 7.5 | 0.00032 | 0.058 | | | | | | | 0.00007 | < 0.03 | | |
| North Chamber | 17-Mar-08 | 7.2 | 0.00019 | 0.03 | | | | | | | < 0.00005 | < 0.005 | | |
| North Chamber | 3-Apr-08 | 7.3 | 0.0002 | 0.019 | | | | | | | 0.00007 | < 0.005 | | |
| North Chamber | 12 & 15 May-08 | 7.4 | 0.00041 | 0.018 | < 0.0005 | 1.9 | < 0.005 | 0.00018 | | < 0.0003 | 0.00009 | < 0.005 | < 0.0001 | < 0.001 |
| North Chamber | 9-Jun-08 | 7.6 | 0.00032 | 0.024 | | | | | | | 0.00009 | < 0.005 | | |
| North Chamber | 2-Jul-08 | 7.3 | 0.00064 | 0.078 | | | | | | | 0.00014 | < 0.005 | | |
| North Chamber | 20-Aug-08 | 8.1 | < 0.00005 | 0.001 | | | | | | | < 0.00005 | < 0.005 | | |
| North Chamber | 14-Oct-08 | 7.4 | 0.0006 | 0.018 | | | | | | | 0.00016 | < 0.005 | | |
| North Chamber | 17-Nov-08 | 7.5 | 0.00078 | 0.057 | < 0.0005 | 0.22 | < 0.005 | < 0.0005 | | < 0.0003 | 0.00019 | < 0.05 | < 0.001 | < 0.001 |
| North Chamber | 9-Dec-08 | 7.1 | 0.0003 | 0.0076 | | | | | | | 0.00005 | < 0.005 | | |

| Location | Sampling Date | Sodium mg/L | Styrene mg/L | Sulphate mg/L | Temephos mg/L | Terbufos mg/L | Tetrachloro ethylene mg/L | Toluene mg/L | Total Dissolved Solids mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L | Total Suspended Solids mg/L | Trans-1,2-dichloro ethylene mg/L | Trans-1,3-dichloro propene mg/L | Triallate mg/L | Trichloro ethylene mg/L | Trichloro fluoro methane mg/L | Trifluralin mg/L | Trihalo methanes (total) mg/L | Vinyl Chloride mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| North Chamber | 2/4/2000 | 1140 | | 38 | | | | | | 590 | | | | | | | | | | | |
| North Chamber | 3/1/2000 | 1060 | | 36 | | | | | | 590 | | | | | | | | | | | |
| North Chamber | 4/7/2000 | 866 | | 21 | | | | | | 652 | | | | | | | | | | | |
| North Chamber | 5/5/2000 | 965 | | 246 | | | | | | 367 | | | | | | | | | | | |
| North Chamber | 6/1/2000 | 890 | | 8 | | | | | | 351 | | | | | | | | | | | |
| North Chamber | 7/4/2000 | 1470 | | 18 | | | | | | 416 | | | | | | | | | | | |
| North Chamber | 7/31/2000 | 1060 | | 14 | | | | | | | | | | | | | | | | | |
| North Chamber | 8/29/2000 | 981 | | 38 | | | | | | 597 | | | | | | | | | | | |
| North Chamber | 10/4/2000 | 1070 | | 147 | | | | | | 754 | | | | | | | | | | | |
| North Chamber | 10/30/2000 | 1160 | | *ND* | | | | | | 465 | | | | | | | | | | | |
| North Chamber | 12/7/2000 | 784 | | 153 | | | | | | 258 | | | | | | | | | | | |
| North Chamber | 1/3/2001 | 663 | | 5 | | | | | | 276 | | | | | | | | | | | |
| North Chamber | 2/2/2001 | 687 | | 13 | | | | | | 329 | | | | | | | | | | | |
| North Chamber | 3/3/2001 | | | | | | | | | | | | | | | | | | | | |
| North Chamber | 3/7/2001 | 550 | | 6 | | | | | | 270 | | | | | | | | | | | |
| North Chamber | 4/5/2001 | 397 | | 6 | | | | | | 210 | | | | | | | | | | | |
| North Chamber | 5/3/2001 | | | | | | | | | | | | | | | | | | | | |
| North Chamber | 6/6/2001 | 799 | | 16 | | | | | | 411 | | | | | | | | | | | |
| North Chamber | 7/4/2001 | 986 | | 3 | | | | | | 444 | | 76 | | | | | | | | | 0.53 |
| North Chamber | 8/8/2001 | 1168 | | 38 | | | | | | 547 | | | | | | | | | | | |
| North Chamber | 9/5/2001 | | | | | | | | | | | | | | | | | | | | |
| North Chamber | 9/6/2001 | 1150 | | 75 | | | | | | 435 | | 375 | | | | | | | | | 0.42 |
| North Chamber | 10/2/2001 | | | | | | | | | | | | | | | | | | | | |
| North Chamber | 10/3/2001 | 717 | | 388 | | | | | | 418 | | 304 | | | | | | | | | 0.54 |
| North Chamber | 11/1/2001 | 927 | | 8 | | | | | | 512 | | 350 | | | | | | | | | 0.1 |
| North Chamber | 12/5/2001 | | | | | | | | | | | | | | | | | | | | |
| North Chamber | 12/7/2001 | 772 | | 11 | | | | | | 392 | | 130 | | | | | | | | | 0.29 |
| North Chamber | 1/9/2002 | 571 | | 18 | | | | | | 295 | | 70 | | | | | | | | | 0.37 |
| North Chamber | 2/6/2002 | 595 | | 25 | | | | | | 353 | | 396 | | | | | | | | | 0.26 |
| North Chamber | 3/7/2002 | 336 | | 7 | | | | | | 145 | | 180 | | | | | | | | | 0.19 |
| North Chamber | 4/8/2002 | 222 | | 13 | | | | | | 107 | | 20 | | | | | | | | | 0.11 |
| North Chamber | 5/6/2002 | 381 | | 10 | | | | | | 229 | | 105 | | | | | | | | | 0.26 |
| North Chamber | 6/7/2002 | 405 | | 3 | | | | | | 258 | | 88 | | | | | | | | | 0.18 |
| North Chamber | 7/3/2002 | 538 | | 55 | | | | | | 372 | | 85 | | | | | | | | | 0.333 |
| North Chamber | 8/1/2002 | 1020 | | 141 | | | | | | 592 | | 640 | | | | | | | | | 1.43 |
| North Chamber | 9/3/2002 | 1410 | | 38 | | | | | | 717 | | 125 | | | | | | | | | 0.586 |
| North Chamber | 10/2/2002 | 1170 | | 20 | | | | | | 624 | | 165 | | | | | | | | | 1.41 |
| North Chamber | 11/1/2002 | 957 | | 28 | | | | | | 464 | | 56 | | | | | | | | | 0.484 |
| North Chamber | 12/16/2002 | 954 | | 74 | | | | | | 440 | | 160 | | | | | | | | | 0.472 |
| North Chamber | 1/11/2003 | 873 | | 16 | | | | | | 503 | | 70 | | | | | | | | | 0.274 |
| North Chamber | 2/10/2003 | | | 35 | | | | | | 281 | | 52 | | | | | | | | | |
| North Chamber | 2/12/2003 | 586 | | | | | | | | | | | | | | | | | | | 0.177 |
| North Chamber | 3/3/2003 | 922 | | 24 | | | | | | 380 | | 34 | | | | | | | | | |
| North Chamber | 4/1/2003 | 415 | < 0.02 | 55 | | | < 0.02 | 0.655 | | 148 | | | < 0.02 | < 0.01 | | < 0.02 | < 0.02 | | | < 0.02 | |
| North Chamber | 5/8/2003 | 445 | < 0.005 | 355 | | | 0.004 | 0.202 | | 111 | | 75 | < 0.004 | < 0.002 | | < 0.003 | < 0.005 | | | < 0.005 | 0.416 |
| North Chamber | 6/3/2003 | 698 | | 5 | | | | | | 304 | | 132 | | | | | | | | | 0.343 |
| North Chamber | 7/4/2003 | 1060 | < 0.042 | 16 | | | < 0.022 | 0.367 | | 559 | | 210 | < 0.011 | < 0.021 | | < 0.019 | < 0.02 | | | < 0.049 | 0.31 |
| North Chamber | 8/5/2003 | | < 0.042 | | | | < 0.022 | 0.681 | | 430 | | | < 0.011 | < 0.021 | | < 0.019 | < 0.02 | | | < 0.049 | 0.54 |
| North Chamber | 9/2/2003 | | < 0.042 | | | | < 0.022 | 0.471 | | 554 | | | < 0.011 | < 0.021 | | < 0.019 | < 0.02 | | | < 0.049 | 0.696 |
| North Chamber | 10/3/2003 | | < 0.0042 | | | | < 0.0022 | 0.464 | | 503 | | | < 0.0011 | < 0.0021 | | < 0.0019 | < 0.002 | | | < 0.0049 | 0.37 |
| North Chamber | 11/3/2003 | | < 0.0042 | | | | < 0.0022 | < 0.0015 | | 46.3 | | | < 0.0011 | < 0.0021 | | < 0.0019 | < 0.002 | | | < 0.0049 | 0.033 |
| North Chamber | 12/5/2003 | | < 0.042 | | | | < 0.022 | 0.25 | | 143 | | | < 0.011 | < 0.021 | | < 0.019 | < 0.02 | | | < 0.049 | 0.21 |
| North Chamber | 1/7/2004 | | < 0.0042 | | | | < 0.0022 | 0.0133 | | 22.9 | | | < 0.0011 | < 0.0021 | | < 0.0019 | < 0.002 | | | < 0.0049 | 0.02 |
| North Chamber | 2/11/2004 | | < 0.0042 | | | | < 0.0022 | 0.386 | | 300 | | | < 0.0011 | < 0.0021 | | < 0.0019 | < 0.002 | | | < 0.0049 | 0.35 |
| North Chamber | 3/4/2004 | | < 0.0042 | | | | < 0.0022 | 0.0041 | | 35.6 | | | < 0.0011 | < 0.0021 | | < 0.0019 | < 0.002 | | | < 0.0049 | 0.04 |
| North Chamber | 4/20/2004 | | 0.0047 | | | | < 0.0022 | 0.345 | | 244 | | | < 0.0011 | < 0.0021 | | < 0.0019 | < 0.002 | | | < 0.0049 | 0.36 |
| North Chamber | 5/6/2004 | 430 | | 2 | | | | 0.378 | | 621 | | | | | | | | | < 0.003 | | 0.2 |
| North Chamber | 6/2/2004 | | < 0.0042 | | | | < 0.0022 | 0.295 | | 201 | | | < 0.0011 | < 0.0021 | | < 0.0019 | < 0.002 | | | < 0.0049 | 0.28 |
| North Chamber | 7/6/2004 | 1070 | < 0.0042 | 12 | < 0.01 | < 0.0007 | < 0.0022 | 0.136 | | | | | < 0.0011 | < 0.0021 | < 0.001 | < 0.0019 | < 0.002 | < 0.001 | < 0.01 | < 0.0049 | 0.2 |
| North Chamber | 8/10/2004 | | | | | | | 0.0291 | | 330 | | | | | | | | | | | 0.26 |
| North Chamber | 10/6/2004 | | | | | | | 0.0613 | | 396 | | | | | | | | | | | 0.21 |
| North Chamber | 11/16/2004 | 101 | | 9 | < 0.01 | < 0.007 | | | | | | | | | < 0.01 | | | < 0.01 | < 0.04 | | |
| North Chamber | 12/1/2004 | | | | | | | 0.0285 | | 245 | | | | | | | | | | | 0.19 |

| Location | Sampling Date | Sodium mg/L | Styrene mg/L | Sulphate mg/L | Temephos mg/L | Terbufos mg/L | Tetrachloro ethylene mg/L | Toluene mg/L | Total Dissolved Solids mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L | Total Suspended Solids mg/L | Trans-1,2-dichloro ethylene mg/L | Trans-1,3-dichloro propene mg/L | Triallate mg/L | Trichloro ethylene mg/L | Trichloro fluoro methane mg/L | Trifluralin mg/L | Trihalo methanes (total) mg/L | Vinyl Chloride mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| North Chamber | 1/7/2005 | | | | | | | 0.108 | | 172 | | | | | | | | | | | 0.18 |
| North Chamber | 1/25/2005 | | | | | | | 0.058 | | 213 | | | | | | | | | | | 0.27 |
| North Chamber | 3/1/2005 | | < 0.0042 | | | | < 0.0022 | 0.049 | | 482 | | | < 0.0011 | < 0.0021 | | < 0.0019 | < 0.002 | | | < 0.0049 | 0.3 |
| North Chamber | 3/30/2005 | | < 0.0042 | | | | < 0.0022 | 0.0599 | | 375 | | | < 0.0011 | < 0.0021 | | < 0.0019 | < 0.002 | | | < 0.0049 | 0.79 |
| North Chamber | 5/5/2005 | 260 | < 0.0042 | 25 | < 0.01 | < 0.0004 | < 0.0022 | < 0.0015 | | 12.4 | | | < 0.0011 | < 0.0021 | < 0.001 | < 0.0019 | < 0.002 | < 0.0004 | < 0.01 | < 0.0049 | 0.01 |
| North Chamber | 6/3/2005 | | < 0.0042 | | | | < 0.0022 | < 0.0015 | | 7.12 | | | < 0.0011 | < 0.0021 | | < 0.0019 | < 0.002 | | | < 0.0049 | 0.02 |
| North Chamber | 7/7/2005 | | < 0.0005 | | | | < 0.0003 | 0.0036 | | 38 | | | < 0.0004 | < 0.0002 | | < 0.0003 | < 0.0005 | | | < 0.0002 | 0.04 |
| North Chamber | 8/9/2005 | | < 0.005 | | | | < 0.003 | 0.02 | | 235 | | | < 0.004 | < 0.002 | | < 0.003 | < 0.005 | | | < 0.002 | < 0.1 |
| North Chamber | 9/23/2005 | | < 0.0042 | | | | < 0.0022 | < 0.0015 | | 11.5 | | | < 0.0011 | < 0.0021 | | < 0.0019 | < 0.002 | | | < 0.0049 | < 0.01 |
| North Chamber | 10/6/2005 | | < 0.0042 | | | | < 0.0022 | 0.0133 | | 108 | | | < 0.0011 | < 0.0021 | | < 0.0019 | < 0.002 | | | < 0.0049 | < 0.1 |
| North Chamber | 12/1/2005 | | < 0.005 | | | | < 0.003 | 0.099 | | 181 | | | < 0.004 | < 0.002 | | < 0.003 | < 0.005 | | | < 0.002 | 0.1 |
| North Chamber | 1/12/2006 | | 0.006 | | | | < 0.003 | 0.178 | 2780 | 147 | | | < 0.004 | < 0.002 | | < 0.003 | < 0.005 | | | 0.005 | 0.1 |
| North Chamber | 2/2/2006 | | 0.0049 | | | | < 0.0003 | 0.122 | 3420 | 217 | | | < 0.0004 | < 0.0002 | | 0.0003 | < 0.0005 | | | 0.0025 | < 0.1 |
| North Chamber | 3/1/2006 | | < 0.005 | | | | < 0.003 | 0.1 | 2440 | 138 | | | < 0.004 | < 0.002 | | < 0.003 | < 0.005 | | | 0.002 | < 0.1 |
| North Chamber | 4/5/2006 | | < 0.005 | | | | < 0.003 | 0.086 | 3320 | 201 | | | < 0.004 | < 0.002 | | < 0.003 | < 0.005 | | | < 0.002 | 0.1 |
| North Chamber | 5/29/2006 | 510 | 0.0033 | 4 | < 0.01 | < 0.0007 | < 0.0003 | 0.0472 | 3060 | 249 | | | < 0.0004 | < 0.0002 | < 0.001 | < 0.0003 | < 0.0005 | < 0.001 | < 0.0015 | 0.0012 | 0.1 |
| North Chamber | 6/22/2006 | | < 0.0005 | | | | < 0.0003 | 0.0047 | 1780 | 61 | | | < 0.0004 | < 0.0002 | | < 0.0003 | < 0.0005 | | | < 0.0002 | < 0.1 |
| North Chamber | 7/11/2006 | | < 0.0005 | | | | < 0.0003 | < 0.0005 | 1200 | 8.03 | | | < 0.0004 | < 0.0002 | | < 0.0003 | < 0.0005 | | | < 0.0002 | < 0.01 |
| North Chamber | 8/8/2006 | | < 0.0005 | | | | < 0.0003 | < 0.0005 | 1210 | 5.97 | | | < 0.0004 | < 0.0002 | | < 0.0003 | < 0.0005 | | | < 0.0002 | < 0.01 |
| North Chamber | 9/13/2006 | | < 0.0005 | | | | < 0.0003 | < 0.0005 | 2470 | 123 | | | < 0.0004 | < 0.0002 | | < 0.0003 | < 0.0005 | | | 0.0003 | < 0.1 |
| North Chamber | 10/5/2006 | | < 0.0005 | | | | < 0.0003 | < 0.0005 | 2940 | | | | < 0.0004 | < 0.0002 | | < 0.0003 | < 0.0005 | | | 0.0006 | < 0.1 |
| North Chamber | 11/16/2006 | | 0.0028 | | | | < 0.0003 | 0.0371 | 3580 | 245 | | | < 0.0004 | < 0.0002 | | < 0.0003 | < 0.0005 | | | 0.0038 | < 0.1 |
| North Chamber | 12/6/2006 | | < 0.0005 | | | | < 0.0003 | 0.0012 | 3700 | 247 | | | 0.0005 | < 0.0002 | | 0.0003 | < 0.0005 | | | 0.0025 | < 0.1 |
| North Chamber | 9-Jan-07 | | 0.0042 | | | | 0.0006 | 0.137 | 3920 | 269 | | | < 0.0004 | < 0.0002 | | 0.0012 | < 0.0005 | | | 0.0043 | < 0.1 |
| North Chamber | 22-Feb-07 | | | | | | | | 5970 | 459 | | | | | | | | | | | 0.2 |
| North Chamber | 15-Mar-07 | | 0.0019 | 215 | | | 0.0004 | 0.076 | 4110 | 286 | | | < 0.0004 | < 0.0002 | | 0.0008 | < 0.0005 | | | 0.0031 | < 0.1 |
| North Chamber | 17-Apr-07 | 433 | < 0.005 | 135 | 0.01 | 0.0007 | 0.007 | 0.12 | 3450 | 213 | | | < 0.004 | < 0.002 | < 0.001 | < 0.003 | < 0.005 | < 0.001 | 0.0015 | 0.005 | < 0.1 |
| North Chamber | 8-May-07 | | < 0.0005 | | | | < 0.0003 | < 0.0005 | 767 | 10.6 | | | < 0.0004 | < 0.0002 | | < 0.0003 | < 0.0005 | | | < 0.0002 | < 0.01 |
| North Chamber | 5-Jun-07 | | < 0.0005 | | | | < 0.0003 | < 0.0005 | 1070 | 11.1 | | | < 0.0004 | < 0.0002 | | < 0.0003 | < 0.0005 | | | < 0.0002 | < 0.01 |
| North Chamber | 5-Jul-07 | | < 0.0005 | | | | < 0.0003 | 0.0048 | 4510 | 323 | | | < 0.0004 | < 0.0002 | | < 0.0003 | < 0.0005 | | | 0.0011 | < 0.1 |
| North Chamber | 16-Aug-07 | | 0.0022 | | | | < 0.0003 | 0.0267 | 10600 | 1040 | | | < 0.0004 | < 0.0002 | | < 0.0003 | < 0.0005 | | | 0.0012 | 0.1 |
| North Chamber | 14-Sep-07 | | 0.0017 | | | | < 0.0003 | 0.0169 | 11400 | | | | < 0.0004 | < 0.0002 | | < 0.0003 | < 0.0005 | | | 0.0012 | 0.15 |
| North Chamber | 15-Oct-07 | 754 | 0.0012 | 196 | < 0.01 | < 0.0005 | < 0.0003 | 0.0075 | 5120 | 433 | | | < 0.0004 | < 0.0002 | < 0.001 | < 0.0003 | < 0.0005 | < 0.001 | < 0.0015 | 0.0008 | < 0.1 |
| North Chamber | 12-Nov-07 | | 0.002 | | | | < 0.0003 | 0.0136 | 5620 | 454 | | | < 0.0004 | < 0.0002 | | < 0.0003 | < 0.0005 | | | 0.0015 | < 0.1 |
| North Chamber | 5-Dec-07 | | 0.0027 | | | | < 0.0003 | 0.0323 | 4810 | 350 | | | < 0.0004 | < 0.0002 | | < 0.0003 | < 0.0005 | | | 0.0012 | < 0.1 |
| North Chamber | 8-Jan-08 | | 0.0078 | | | | 0.0007 | 0.262 | 3150 | 199 | | | 0.0007 | < 0.0002 | | 0.0013 | < 0.0005 | | | 0.0112 | < 0.1 |
| North Chamber | 14-Feb-08 | | < 0.003 | | | | < 0.001 | 0.096 | 4400 | 300 | | | < 0.001 | < 0.002 | | < 0.001 | < 0.002 | | | 0.002 | 0.13 |
| North Chamber | 17-Mar-08 | | < 0.004 | | | | < 0.002 | 0.11 | 3900 | 260 | | | < 0.002 | < 0.004 | | < 0.002 | < 0.004 | | | < 0.004 | 0.07 |
| North Chamber | 3-Apr-08 | | < 0.005 | | | | < 0.003 | 0.22 | 2900 | 170 | | | < 0.003 | < 0.005 | | < 0.003 | < 0.005 | | | < 0.005 | 0.053 |
| North Chamber | 12 & 15 May-08 | 710 | < 0.002 | < 20 | < 0.01 | < 0.0005 | < 0.0005 | 0.014 | 3910 | 270 | | | < 0.0005 | < 0.001 | < 0.001 | < 0.0005 | < 0.001 | < 0.001 | < 0.004 | < 0.001 | 0.052 |
| North Chamber | 9-Jun-08 | | < 0.004 | | | | < 0.002 | < 0.004 | 4120 | 370 | | | < 0.002 | < 0.004 | | < 0.002 | < 0.004 | | | < 0.004 | 0.14 |
| North Chamber | 2-Jul-08 | | < 0.004 | | | | < 0.002 | 0.021 | 7800 | 650 | | | < 0.002 | < 0.004 | | < 0.002 | < 0.004 | | | < 0.004 | 0.094 |
| North Chamber | 20-Aug-08 | | < 0.0005 | | | | < 0.0003 | 0.0015 | 1020 | 26 | | | < 0.0003 | < 0.0005 | | < 0.0003 | < 0.0005 | | | < 0.0005 | 0.01 |
| North Chamber | 14-Oct-08 | | < 0.002 | | | | < 0.001 | < 0.002 | 3530 | 270 | | | < 0.001 | < 0.002 | | < 0.001 | < 0.002 | | | < 0.002 | 0.054 |
| North Chamber | 17-Nov-08 | 1100 | < 0.004 | < 20 | < 0.01 | < 0.0005 | < 0.002 | 0.022 | 7400 | 620 | | | < 0.002 | < 0.004 | < 0.001 | < 0.002 | < 0.004 | < 0.001 | < 0.0002 | < 0.004 | < 0.1 |
| North Chamber | 9-Dec-08 | | < 0.002 | | | | < 0.001 | 0.004 | 1880 | 110 | | | < 0.001 | < 0.002 | | < 0.001 | < 0.002 | | | < 0.002 | 0.023 |

Appendix E: South Chamber Leachate Chemistry
Waste Management of Canada Corporation, Richmond Landfill - 2008 Annual Monitoring Report

| Location | Sampling Date | 1,1,1,2-Tetrachloroethane mg/L | 1,1,1-Trichloroethane mg/L | 1,1,2,2-Tetrachloroethane mg/L | 1,1,2-Trichloroethane mg/L | 1,1-Dichloroethane mg/L | 1,1-Dichloroethylene mg/L | 1,2-Dichlorobenzene (o) mg/L | 1,2-Dichloroethane mg/L | 1,2-Dichloropropane mg/L | 1,3,5-Trimethylbenzene mg/L | 1,3-Dichlorobenzene (m) mg/L | 1,4-Dichlorobenzene (p) mg/L | 1-Methylnaphthalene mg/L | 2-Methylnaphthalene mg/L | Acenaphthene mg/L | Acenaphthylene mg/L | Alkalinity mg/L | Aluminum mg/L | Ammonia mg/L | Anthracene mg/L | Arsenic mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| South Chamber | 5/1/1997 | | | | | | | | | | | | | | | | | 2691 | 0.1 | 88.9 | | |
| South Chamber | 10/1/1997 | | | | | | | | | | | | | | | | | 3420 | 0.12 | 359 | | |
| South Chamber | 5/8/1998 | | | | | | | | | | | | | | | | | 4320 | 0.03 | 538 | | |
| South Chamber | 11/18/1998 | | | | | | | | | | | | | | | | | 2110 | 0.08 | 187 | | |
| South Chamber | 11/20/1998 | | | | | | | | | | | | | | | | | | | | | |
| South Chamber | 5/11/1999 | | | | | | | | | | | | | | | | | 2990 | 0.33 | 283 | | |
| South Chamber | 12/3/1999 | | | | | | | | *ND* | | | | 0.0032 | | | | | 5830 | 0.44 | 660 | | |
| South Chamber | 1/4/2000 | | *ND* | | | *ND* | *ND* | | | | | | 0.0057 | | | *ND* | *ND* | 5180 | 0.08 | 645 | *ND* | |
| South Chamber | 11/22/2000 | | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | | | *ND* | 0.0066 | 7730 | *ND* | 819 | *ND* | |
| South Chamber | 12/7/2001 | *ND* | *ND* | | *ND* | 0.0062 | *ND* | *ND* | *ND* | *ND* | 0.0072 | 0.0083 | *ND* | | | *ND* | *ND* | 5580 | *ND* | 632 | *ND* | 0.015 |
| South Chamber | 3/7/2002 | | | | | | | | | | | | | | | | | | | | | |
| South Chamber | 5/29/2002 | *ND* | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | 0.002 | *ND* | *ND* | | | *ND* | *ND* | 5090 | 0.15 | 543 | *ND* | |
| South Chamber | 11/21/2002 | *ND* | *ND* | | *ND* | *ND* | *ND* | *ND* | *ND* | *ND* | 0.0052 | *ND* | 0.0071 | | | *ND* | *ND* | 6130 | 0.1 | 662 | *ND* | |
| South Chamber | 5/29/2003 | < 0.005 | < 0.003 | < 0.005 | < 0.003 | < 0.003 | < 0.004 | < 0.003 | < 0.006 | < 0.006 | 0.005 | < 0.003 | 0.006 | | | 0.0001 | < 0.0001 | 6200 | 0.04 | 675 | < 0.0001 | |
| South Chamber | 5/6/2004 | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | 0.0047 | < 0.0024 | 0.0066 | | | < 0.0017 | < 0.0015 | 4700 | 0.09 | 626 | < 0.0018 | |
| South Chamber | 11/16/2004 | < 0.006 | < 0.021 | < 0.034 | < 0.019 | < 0.035 | < 0.016 | < 0.019 | < 0.029 | < 0.024 | 0.021 | < 0.024 | < 0.024 | | | < 0.0017 | < 0.0015 | 6420 | 0.04 | 838 | < 0.0018 | |
| South Chamber | 5/5/2005 | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | 0.005 | < 0.0024 | 0.0102 | | | < 0.0017 | < 0.0015 | 2740 | < 0.1 | 286 | < 0.0018 | |
| South Chamber | 11/2/2005 | < 0.0006 | < 0.0021 | < 0.0034 | < 0.0019 | < 0.0035 | < 0.0016 | < 0.0019 | < 0.0029 | < 0.0024 | 0.0052 | < 0.0024 | 0.0112 | 0.0003 | 0.0004 | < 0.0002 | < 0.0002 | 4330 | 0.2 | 571 | < 0.0002 | |
| South Chamber | 5/29/2006 | | < 0.0004 | | | 0.0022 | < 0.0005 | | | | | | 0.0089 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 6630 | 0.4 | 910 | < 0.0002 | |
| South Chamber | 9/13/2006 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0004 | 0.0019 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0005 | 0.0077 | < 0.0004 | 0.0103 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 7480 | | 1050 | < 0.0002 | 0.06 |
| South Chamber | 4/17/2007 | | < 0.004 | | | < 0.004 | < 0.005 | | | | | | 0.015 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | 1880 | 0.1 | 240 | < 0.0002 | |
| South Chamber | 10/15/2007 | < 0.0005 | < 0.0004 | 0.0007 | < 0.0004 | 0.001 | < 0.0005 | < 0.0004 | < 0.0005 | < 0.0005 | 0.0018 | < 0.0004 | 0.0118 | < 0.0002 | 0.0005 | 0.0002 | < 0.0002 | 8600 | 0.3 | 1130 | < 0.0002 | 0.07 |
| South Chamber | 5/15/2008 | | < 0.003 | | | < 0.003 | < 0.003 | | | | | | 0.009 | 0.00076 | 0.00066 | 0.00045 | < 0.0002 | 6100 | < 0.2 | 728 | 0.00009 | |
| South Chamber | 11/17/2008 | | < 0.001 | | | 0.002 | < 0.001 | | | | | | 0.011 | 0.00094 | 0.001 | 0.00048 | < 0.00005 | 6420 | 0.23 | 1220 | < 0.00005 | |

Appendix E: South Chamber Leachate Chemistry
Waste Management of Canada Corporation, Richmond Landfill - 2008 Annual Monitoring Report

| Location | Sampling Date | Barium mg/L | Benzene mg/L | Benzo (b,k) fluoranthene mg/L | Benzo(a)anthracene mg/L | Benzo(a)pyrene mg/L | Benzo(b)fluoranthene mg/L | Benzo(g,h,i)perylene mg/L | Benzo(k)fluoranthene mg/L | Beryllium mg/L | Biochemical Oxygen Demand mg/L | Boron mg/L | Bromodichloromethane mg/L | Bromoform mg/L | Bromomethane mg/L | Cadmium mg/L | Calcium mg/L | Carbon Tetrachloride mg/L | Chemical Oxygen Demand mg/L | Chloride mg/L | Chlorobenzene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| South Chamber | 5/1/1997 | | 0.013 | | | | | | | | 2220 | | | | | 0.009 | 598 | | 3373 | 611 | |
| South Chamber | 10/1/1997 | | 0.0131 | | | | | | | | 1170 | | | | | *ND* | 263 | | 2124 | 1316 | |
| South Chamber | 5/8/1998 | | 0.0077 | | | | | | | | 983 | | | | | *ND* | 489 | | 2170 | 1250 | |
| South Chamber | 11/18/1998 | | | | | | | | | | 363 | | | | | *ND* | 347 | | 804 | 4 | |
| South Chamber | 11/20/1998 | | 0.006 | | | | | | | | | | | | | | | | | | |
| South Chamber | 5/11/1999 | | *ND* | | | | | | | | 103 | | | | | *ND* | 270 | | 560 | 729 | |
| South Chamber | 12/3/1999 | | 0.0114 | | | | | | | | 4600 | | | | | *ND* | 734 | | 10000 | 1900 | |
| South Chamber | 1/4/2000 | | 0.0119 | *ND* | *ND* | *ND* | | *ND* | | | 2100 | | | | | *ND* | 336 | | 6320 | 2080 | |
| South Chamber | 11/22/2000 | | 0.0019 | *ND* | *ND* | *ND* | | *ND* | | | 389 | | *ND* | *ND* | *ND* | *ND* | 94 | *ND* | 1700 | 2200 | *ND* |
| South Chamber | 12/7/2001 | | 0.0129 | *ND* | *ND* | *ND* | | *ND* | | *ND* | 225 | 9.68 | *ND* | *ND* | *ND* | | 165 | *ND* | 1460 | 1730 | 0.0031 |
| South Chamber | 3/7/2002 | | | | | | | | | | | | | | | | | | | | |
| South Chamber | 5/29/2002 | | 0.0029 | *ND* | *ND* | *ND* | | *ND* | | | 358 | | *ND* | *ND* | *ND* | *ND* | 271 | *ND* | 1490 | 1980 | *ND* |
| South Chamber | 11/21/2002 | | 0.0093 | *ND* | *ND* | *ND* | | *ND* | | | 295 | | *ND* | *ND* | *ND* | *ND* | 197 | *ND* | 1260 | 2260 | *ND* |
| South Chamber | 5/29/2003 | | 0.006 | | < 0.0001 | < 0.0001 | < 0.0001 | < 0.0002 | < 0.0001 | | 88 | | < 0.002 | < 0.003 | < 0.004 | < 0.001 | 113 | < 0.007 | 920 | 1940 | |
| South Chamber | 5/6/2004 | | < 0.0013 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | 71 | | < 0.002 | < 0.0019 | < 0.0005 | < 0.001 | 109 | < 0.0013 | 1040 | 1750 | |
| South Chamber | 11/16/2004 | | < 0.013 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | 121 | | < 0.02 | < 0.019 | < 0.005 | < 0.001 | 91 | < 0.013 | 1520 | 2470 | |
| South Chamber | 5/5/2005 | | 0.0143 | | < 0.0016 | < 0.0032 | < 0.0031 | < 0.0027 | < 0.0024 | | 62 | | < 0.002 | < 0.0019 | < 0.0005 | < 0.001 | 177 | < 0.0013 | 625 | 876 | |
| South Chamber | 11/2/2005 | | 0.0138 | | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | 93 | | < 0.002 | < 0.0019 | < 0.003 | < 0.001 | 121 | < 0.0013 | 1230 | 1800 | |
| South Chamber | 5/29/2006 | | 0.0012 | | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | 127 | | | | | < 0.001 | 93 | | 1750 | 2410 | |
| South Chamber | 9/13/2006 | 0.4 | 0.0102 | | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | < 0.0002 | | | 15.3 | < 0.0003 | < 0.0004 | < 0.0005 | 0.002 | 63 | < 0.0005 | 1970 | 2600 | |
| South Chamber | 4/17/2007 | | 0.01 | | < 0.0002 | < 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | | 50 | | | | | < 0.001 | 165 | | 477 | 563 | |
| South Chamber | 10/15/2007 | | 0.0147 | | < 0.0002 | < 0.00001 | < 0.0002 | < 0.0002 | < 0.0002 | | | | < 0.0003 | < 0.0004 | < 0.0005 | < 0.001 | 58 | < 0.0005 | | 2780 | |
| South Chamber | 5/15/2008 | | 0.01 | | < 0.00005 | 0.00001 | < 0.00005 | < 0.0001 | < 0.00005 | | 170 | | | | | < 0.001 | 98 | | 1200 | 1700 | |
| South Chamber | 11/17/2008 | | 0.011 | | 0.00007 | 0.00002 | < 0.00005 | < 0.0001 | < 0.00005 | | 110 | | | | | < 0.0005 | 70 | | 1800 | 2500 | |

| Location | Sampling Date | Chlorodibromomethane mg/L | Chloroethane mg/L | Chloroform mg/L | Chloromethane mg/L | Chromium mg/L | Chrysene mg/L | Cis-1,2-Dichloroethylene mg/L | Cis-1,3-Dichloropropylene mg/L | Cobalt mg/L | Conductivity µs/cm | Copper mg/L | Dibenzo(a,h)anthracene mg/L | Dichloromethane mg/L | Dissolved Organic Carbon mg/L | Ethylbenzene mg/L | Ethylene Dibromide mg/L | Fluoranthene mg/L | Fluorene mg/L | Hardness mg/L | Hydrogen Sulfide mg/L | Indeno(1,2,3-c,d)pyrene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| South Chamber | 5/1/1997 | | | | | 0.03 | | | | | 6313 | | | | | 0.04 | | | | 2200 | | |
| South Chamber | 10/1/1997 | | | | | 0.11 | | | | | 10202 | | | | 762 | 0.0295 | | | | 1687 | | |
| South Chamber | 5/8/1998 | | | | | 0.08 | | | | | 9760 | | | | 619 | 0.0249 | | | | 1790 | | |
| South Chamber | 11/18/1998 | | | | | *ND* | | | | | 5030 | | | | | | | | | 1410 | | |
| South Chamber | 11/20/1998 | | | | | | | | | | | | | | | 0.0131 | | | | | | |
| South Chamber | 5/11/1999 | | | | | 0.02 | | | | | 6510 | | | | | *ND* | | | | 1220 | | |
| South Chamber | 12/3/1999 | | | | | 0.36 | | *ND* | | | 14500 | | | *ND* | 3130 | *ND* | | | | | | |
| South Chamber | 1/4/2000 | | | | | 0.22 | *ND* | | | | 13300 | | *ND* | | 1995 | 0.0726 | | *ND* | *ND* | 2240 | | |
| South Chamber | 11/22/2000 | *ND* | *ND* | *ND* | *ND* | 0.1 | *ND* | *ND* | *ND* | | 18600 | | *ND* | *ND* | 520 | 0.0175 | *ND* | *ND* | *ND* | 1950 | | |
| South Chamber | 12/7/2001 | *ND* | *ND* | *ND* | *ND* | 0.05 | *ND* | *ND* | *ND* | 0.01 | 13400 | 0.004 | *ND* | *ND* | 370 | 0.0774 | *ND* | *ND* | *ND* | 1540 | 0.25 | |
| South Chamber | 3/7/2002 | | | | | | | | | | | | | | | | | | | | | |
| South Chamber | 5/29/2002 | *ND* | *ND* | *ND* | *ND* | 0.128 | *ND* | *ND* | *ND* | | 13400 | | *ND* | *ND* | 326 | 0.058 | *ND* | *ND* | *ND* | 2310 | | |
| South Chamber | 11/21/2002 | *ND* | *ND* | *ND* | *ND* | 0.058 | *ND* | *ND* | *ND* | | 15500 | | *ND* | *ND* | 484 | 0.078 | *ND* | *ND* | *ND* | 1840 | | |
| South Chamber | 5/29/2003 | < 0.002 | < 0.008 | < 0.004 | < 0.008 | 0.058 | < 0.0002 | < 0.003 | < 0.002 | | 14600 | | < 0.0001 | < 0.032 | 267 | 0.058 | < 0.008 | < 0.0001 | 0.0001 | 1200 | | < 0.0001 |
| South Chamber | 5/6/2004 | < 0.0023 | 0.0026 | < 0.0014 | < 0.001 | 0.053 | < 0.0033 | < 0.0012 | < 0.0026 | | 12700 | | < 0.0021 | < 0.0048 | 294 | < 0.0016 | < 0.0038 | < 0.0015 | < 0.001 | 902 | | < 0.0019 |
| South Chamber | 11/16/2004 | < 0.023 | < 0.01 | < 0.014 | < 0.01 | 0.09 | < 0.0033 | < 0.012 | < 0.026 | | 17600 | | < 0.0021 | < 0.048 | 433 | < 0.016 | < 0.038 | < 0.0015 | < 0.001 | 1000 | | < 0.0019 |
| South Chamber | 5/5/2005 | < 0.0023 | < 0.001 | < 0.0014 | < 0.001 | 0.022 | < 0.0033 | < 0.0012 | < 0.0026 | | 7060 | | < 0.0021 | < 0.0048 | 172 | 0.106 | < 0.0038 | < 0.0015 | < 0.001 | 932 | | < 0.0019 |
| South Chamber | 11/2/2005 | < 0.0023 | 0.0015 | < 0.0014 | < 0.001 | 0.083 | < 0.0002 | < 0.0012 | < 0.0026 | | 12500 | | < 0.0002 | < 0.0048 | 349 | 0.122 | < 0.0038 | < 0.0002 | < 0.0002 | 780 | | < 0.0002 |
| South Chamber | 5/29/2006 | | | | | 0.106 | < 0.0002 | | | | 12700 | | < 0.0002 | | 534 | < 0.0005 | | < 0.0002 | < 0.0002 | 908 | | < 0.0002 |
| South Chamber | 9/13/2006 | < 0.0003 | 0.0018 | < 0.0005 | < 0.001 | 0.096 | < 0.0002 | 0.0005 | < 0.0002 | 0.071 | 19000 | < 0.01 | < 0.0002 | < 0.004 | 569 | 0.0206 | < 0.001 | < 0.0002 | < 0.0002 | 886 | | < 0.0002 |
| South Chamber | 4/17/2007 | | | | | < 0.05 | < 0.0002 | | | | 5780 | | < 0.0002 | | 133 | 0.116 | | < 0.0002 | < 0.0002 | 803 | | < 0.0002 |
| South Chamber | 10/15/2007 | < 0.0003 | < 0.001 | < 0.0005 | 0.0031 | 0.21 | < 0.0002 | < 0.0004 | 0.0004 | 0.09 | 21500 | < 0.01 | < 0.0002 | < 0.004 | 708 | 0.0278 | < 0.001 | < 0.0002 | 0.0003 | 795 | | < 0.0002 |
| South Chamber | 5/15/2008 | | | | | 0.19 | < 0.00005 | | | | 16500 | | < 0.0001 | | 445 | 0.099 | | < 0.00005 | 0.00031 | 780 | | < 0.0001 |
| South Chamber | 11/17/2008 | | | | | 0.22 | < 0.00005 | | | | 19400 | | < 0.0001 | | 504 | 0.059 | | 0.0003 | 0.00047 | 780 | | < 0.0001 |

| Location | Sampling Date | Indeno(1,2,3-cd)pyrene mg/L | Iron mg/L | Lead mg/L | m+p-Xylene mg/L | Magnesium mg/L | Manganese mg/L | Mercury mg/L | Molybdenum mg/L | Monochlorobenzene mg/L | Naphthalene mg/L | Nickel mg/L | Nitrate mg/L | Nitrite mg/L | o-Xylene mg/L | pH unitless | Phenanthrene mg/L | Phenols mg/L | Phosphorus (total) mg/L | Polychlorinated Biphenyls mg/L | Potassium mg/L | Pyrene mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| South Chamber | 5/1/1997 | | 23.2 | 0.003 | 0.0435 | 170 | | *ND* | | | | | *ND* | *ND* | 0.0219 | 7.02 | | 1.385 | | | 146 | |
| South Chamber | 10/1/1997 | | 6.71 | 0.004 | 0.0322 | 250 | | *ND* | | | | | 0.36 | *ND* | 0.0127 | 7.28 | | 1.55 | | | 457 | |
| South Chamber | 5/8/1998 | | 8.43 | 0.007 | 0.0339 | 321 | | *ND* | | | | | 0.1 | *ND* | 0.0151 | 7.93 | | 0.692 | | | 424 | |
| South Chamber | 11/18/1998 | | 1.99 | | | 141 | | 1.2 | | | | | *ND* | *ND* | | 7.39 | | 0.688 | | | 205 | |
| South Chamber | 11/20/1998 | | | | 0.0243 | | | | | | | | | | 0.009 | | | | | | | |
| South Chamber | 5/11/1999 | | 3.39 | | *ND* | 133 | | *ND* | | | | | *ND* | *ND* | *ND* | 7.13 | | 0.163 | | | 270 | |
| South Chamber | 12/3/1999 | | 25 | | 0.0535 | 329 | | *ND* | | | | | *ND* | *ND* | 0.0232 | 7.22 | | 34.6 | | | 537 | |
| South Chamber | 1/4/2000 | *ND* | 5.04 | | 0.0904 | 340 | | *ND* | | | *ND* | | *ND* | *ND* | 0.046 | 7.3 | *ND* | 18.7 | | | 583 | *ND* |
| South Chamber | 11/22/2000 | *ND* | 4.04 | | 0.0249 | 417 | | *ND* | | | 0.0048 | | *ND* | *ND* | 0.0088 | 7.65 | *ND* | 0.434 | | | 852 | *ND* |
| South Chamber | 12/7/2001 | *ND* | 1.8 | *ND* | 0.0844 | 273 | 0.37 | *ND* | *ND* | | *ND* | 0.15 | *ND* | *ND* | 0.035 | 7.68 | *ND* | 0.303 | 0.32 | | 504 | *ND* |
| South Chamber | 3/7/2002 | | | | | | | | | | | | | | | | | | | < -0.001 | | |
| South Chamber | 5/29/2002 | *ND* | 5.92 | | 0.078 | 397 | | 0.0009 | | | 0.0039 | | 19.4 | *ND* | 0.0148 | 7.59 | *ND* | 0.139 | | | 913 | *ND* |
| South Chamber | 11/21/2002 | *ND* | 4.05 | | 0.087 | 327 | | *ND* | | | 0.0027 | | *ND* | *ND* | 0.036 | 7.33 | *ND* | 0.253 | | | 623 | *ND* |
| South Chamber | 5/29/2003 | | 1.68 | | 0.0783 | 222 | | < 0.05 | | < 0.002 | 0.0039 | | 1.41 | < 0.1 | 0.028 | 7.18 | 0.0001 | 0.087 | | | 560 | < 0.0002 |
| South Chamber | 5/6/2004 | | 3.95 | | < 0.0034 | 153 | | < 0.0001 | | < 0.002 | 0.0029 | | 0.33 | < 0.1 | 0.004 | 7.24 | < 0.0012 | 0.059 | | | 439 | < 0.0012 |
| South Chamber | 11/16/2004 | | 1.89 | | 0.083 | 188 | | < 0.0001 | | < 0.02 | 0.0037 | | 2.56 | < 0.1 | 0.037 | 7.25 | < 0.0012 | 0.033 | | | 763 | < 0.0012 |
| South Chamber | 5/5/2005 | | 1.8 | | 0.128 | 119 | | < 0.0001 | | 0.0031 | 0.0012 | | < 0.5 | < 0.1 | 0.0488 | 7 | < 0.0012 | 0.135 | | | 178 | < 0.0012 |
| South Chamber | 11/2/2005 | | 2.2 | | 0.104 | 116 | | < 0.0001 | | 0.003 | 0.0036 | | < 0.5 | < 0.5 | 0.0465 | 7.32 | 0.0003 | 0.109 | | | 387 | 0.0004 |
| South Chamber | 5/29/2006 | | 1.6 | | 0.0188 | 164 | | < 0.0001 | | | < 0.0002 | | < 1 | < 1 | 0.0312 | 6.96 | < 0.0002 | < 0.025 | | | 558 | < 0.0002 |
| South Chamber | 9/13/2006 | | 1.7 | < 0.01 | 0.084 | 177 | 0.2 | < 0.0001 | < 0.05 | 0.0027 | < 0.0002 | 0.44 | < 0.1 | < 0.1 | 0.0439 | 7.54 | < 0.0002 | 0.02 | 7.53 | | 706 | < 0.0002 |
| South Chamber | 4/17/2007 | | 8.4 | | 0.121 | 95 | | < 0.0001 | | | < 0.0002 | | < 0.1 | < 0.1 | 0.054 | 7.23 | < 0.0002 | 0.024 | | | 148 | < 0.0002 |
| South Chamber | 10/15/2007 | | 1.9 | < 0.01 | 0.103 | 158 | | < 0.0001 | < 0.05 | 0.0031 | 0.0005 | 0.44 | < 0.1 | < 0.1 | 0.0543 | 7.53 | 0.0004 | 0.029 | | | 681 | < 0.0002 |
| South Chamber | 5/15/2008 | | 1.1 | | 0.11 | 170 | | < 0.0002 | | | 0.0068 | | < 1 | < 0.1 | 0.045 | 7.7 | 0.00028 | 0.063 | | | 560 | < 0.00005 |
| South Chamber | 11/17/2008 | | 1.7 | | 0.097 | 150 | | < 0.0002 | | | 0.01 | | < 1 | < 0.1 | 0.053 | 8 | 0.00096 | 0.074 | | | 620 | 0.00024 |

Appendix E: South Chamber Leachate Chemistry
Waste Management of Canada Corporation, Richmond Landfill - 2008 Annual Monitoring Report

| Location | Sampling Date | Selenium mg/L | Silver mg/L | Sodium mg/L | Styrene mg/L | Sulphate mg/L | Tetrachloroethane mg/L | Tetrachloroethylene mg/L | Toluene mg/L | Total Dissolved Solids mg/L | Total Kjeldahl Nitrogen mg/L | Total Organic Carbon mg/L | Total Xylenes | Trans-1,2-dichloroethylene mg/L | Trans-1,3-dichloropropene mg/L | Trichloroethylene mg/L | Trichlorofluoromethane mg/L | Vinyl Chloride mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| South Chamber | 5/1/1997 | | *ND* | 521 | | 95 | | | 1.6 | | 160 | 1308 | | | | | | | |
| South Chamber | 10/1/1997 | | *ND* | 1067 | | 7 | | | 0.782 | | 430 | 771 | | | | | | | |
| South Chamber | 5/8/1998 | | *ND* | 1130 | | 5 | | | 0.23 | | 645 | 864 | | | | | | | |
| South Chamber | 11/18/1998 | | *ND* | 441 | | 3 | | | | | 231 | 227 | | | | | | | |
| South Chamber | 11/20/1998 | | | | | | | | 0.0905 | | | | | | | | | | |
| South Chamber | 5/11/1999 | | *ND* | 657 | | 8 | | | *ND* | | 290 | 193 | | | | | | | |
| South Chamber | 12/3/1999 | | *ND* | 1530 | | 75 | | *ND* | 0.506 | 12100 | 789 | 3170 | | *ND* | | 0.0052 | | 0.0136 | |
| South Chamber | 1/4/2000 | | *ND* | 1610 | | 7 | | | 2.2 | | 645 | | | | | *ND* | | | |
| South Chamber | 11/22/2000 | | *ND* | 2360 | *ND* | 3 | *ND* | *ND* | 0.0516 | | 825 | | | *ND* | *ND* | *ND* | *ND* | *ND* | |
| South Chamber | 12/7/2001 | | *ND* | 1510 | *ND* | 27 | *ND* | *ND* | 0.225 | | 1000 | | | *ND* | *ND* | *ND* | *ND* | *ND* | 0.06 |
| South Chamber | 3/7/2002 | | | | | | | | | | | | | | | | | | |
| South Chamber | 5/29/2002 | | 0.01 | 2870 | *ND* | 31 | *ND* | *ND* | 0.199 | | 641 | | | *ND* | *ND* | *ND* | *ND* | *ND* | |
| South Chamber | 11/21/2002 | | *ND* | 2260 | *ND* | 84 | *ND* | *ND* | 0.12 | | 800 | | | *ND* | *ND* | *ND* | *ND* | *ND* | |
| South Chamber | 5/29/2003 | | < 0.01 | 1690 | < 0.004 | 86 | | < 0.002 | 0.199 | | 730 | | | < 0.003 | < 0.002 | < 0.002 | < 0.004 | < 0.004 | |
| South Chamber | 5/6/2004 | | < 0.01 | 1510 | < 0.0042 | 60 | | < 0.0022 | < 0.0015 | | 677 | 301 | | < 0.0011 | < 0.0021 | < 0.0019 | < 0.002 | < 0.0049 | |
| South Chamber | 11/16/2004 | | < 0.01 | 2290 | < 0.042 | 90 | | < 0.022 | 0.271 | | 1020 | 436 | | < 0.011 | < 0.021 | < 0.019 | < 0.02 | < 0.049 | |
| South Chamber | 5/5/2005 | | < 0.001 | 684 | 0.0059 | 29 | | < 0.0022 | 0.181 | | 317 | 204 | | < 0.0011 | < 0.0021 | < 0.0019 | < 0.002 | < 0.0049 | |
| South Chamber | 11/2/2005 | | < 0.001 | 1460 | < 0.0042 | 37 | | < 0.0022 | 0.0432 | | 643 | 376 | | < 0.0011 | < 0.0021 | < 0.0019 | < 0.002 | < 0.0049 | |
| South Chamber | 5/29/2006 | | < 0.001 | 2000 | | 21 | | < 0.0003 | 0.002 | | 978 | 544 | | | | | | | |
| South Chamber | 9/13/2006 | 0.04 | | 2120 | 0.0026 | 112 | | < 0.0003 | 0.192 | 12300 | 1320 | | | < 0.0004 | < 0.0002 | < 0.0003 | < 0.0005 | 0.0014 | < 0.1 |
| South Chamber | 4/17/2007 | | < 0.001 | 535 | | 58 | | < 0.003 | 0.054 | | 260 | 140 | | | | | | | |
| South Chamber | 10/15/2007 | 0.05 | 0.001 | 2570 | 0.0025 | 22 | | < 0.0003 | 0.0245 | 14000 | 1490 | | | < 0.0004 | < 0.0002 | < 0.0003 | < 0.0005 | 0.0005 | < 0.1 |
| South Chamber | 5/15/2008 | | < 0.001 | 1900 | | 40 | | < 0.003 | 0.048 | | 940 | 443 | 0.15 | | | | | | |
| South Chamber | 11/17/2008 | | < 0.002 | 2000 | | < 100 | | < 0.001 | 0.038 | | 1100 | 535 | 0.15 | | | | | | |

# Appendix F

# Analytical Quality Assurance / Quality Control Program

| Sample ID | Sample Date | Parameter | MDL | Units | Sample Concentration | Duplicate Concentration |
|---|---|---|---|---|---|---|
| M53-4 | 28-Apr-08 | Alkalinity | 1 | mg/L | 256 | 256 |
| M53-4 | 28-Apr-08 | Aluminum | 0.02 | mg/L | < 0.02 | < 0.02 |
| M53-4 | 28-Apr-08 | Ammonia | 0.15 | mg/L | < 0.15 | < 0.15 |
| M53-4 | 28-Apr-08 | Benzene | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| M53-4 | 28-Apr-08 | Biochemical Oxygen Demand | 2 | mg/L | < 2 | < 2 |
| M53-4 | 28-Apr-08 | Cadmium | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| M53-4 | 28-Apr-08 | Calcium | 0.2 | mg/L | 140 | 140 |
| M53-4 | 28-Apr-08 | Chemical Oxygen Demand | 4 | mg/L | 12 | 14 |
| M53-4 | 28-Apr-08 | Chloride | 1 | mg/L | 17 | 17 |
| M53-4 | 28-Apr-08 | Chromium | 0.005 | mg/L | < 0.005 | < 0.005 |
| M53-4 | 28-Apr-08 | Conductivity | 2 | mg/L | 782 | 773 |
| M53-4 | 28-Apr-08 | Dissolved Organic Carbon | 0.1 | mg/L | 3.7 | 3.9 |
| M53-4 | 28-Apr-08 | Ethylbenzene | 0.0001 | | < 0.0001 | < 0.0001 |
| M53-4 | 28-Apr-08 | Hardness | 1 | mg/L | 470 | 460 |
| M53-4 | 28-Apr-08 | Iron | 0.1 | ug/L | < 0.1 | < 0.1 |
| M53-4 | 28-Apr-08 | m+p-Xylene | 0.0001 | ug/L | < 0.0001 | < 0.0001 |
| M53-4 | 28-Apr-08 | Magnesium | 0.05 | % | 26 | 27 |
| M53-4 | 28-Apr-08 | Mercury | 0.0002 | ug/L | < 0.0002 | < 0.0002 |
| M53-4 | 28-Apr-08 | Nitrate | 0.1 | ug/L | < 0.1 | < 0.1 |
| M53-4 | 28-Apr-08 | Nitrite | 0.01 | ug/L | < 0.01 | < 0.01 |
| M53-4 | 28-Apr-08 | o-Xylene | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| M53-4 | 28-Apr-08 | pH (Lab) | | uS/cm | 8.1 | 8.1 |
| M53-4 | 28-Apr-08 | Phenols | 0.004 | mg/L | < 0.004 | < 0.004 |
| M53-4 | 28-Apr-08 | Potassium | 0.2 | mg/L | 0.7 | 0.67 |
| M53-4 | 28-Apr-08 | Silver | 0.0004 | mg/L | < 0.0004 | < 0.0004 |
| M53-4 | 28-Apr-08 | Sodium | 0.1 | mg/L | 26 | 27 |
| M53-4 | 28-Apr-08 | Sulphate | 1 | mg/L | 150 | 144 |
| M53-4 | 28-Apr-08 | Toluene | 0.0002 | mg/L | < 0.0002 | < 0.0002 |
| M53-4 | 28-Apr-08 | Total Kjeldahl Nitrogen | 0.7 | mg/L | 0.8 | < 1 |
| M53-4 | 28-Apr-08 | Total Organic Carbon | 0.1 | mg/L | 4.8 | 4.8 |
| M53-4 | 28-Apr-08 | Total Xylenes | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| | | | | mg/L | | |
| M58-3 | 29-Apr-08 | Alkalinity | 1 | mg/L | 306 | 307 |
| M58-3 | 29-Apr-08 | Aluminum | 0.02 | mg/L | < 0.02 | < 0.02 |
| M58-3 | 29-Apr-08 | Ammonia | 0.15 | mg/L | < 0.15 | < 0.15 |
| M58-3 | 29-Apr-08 | Benzene | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| M58-3 | 29-Apr-08 | Biochemical Oxygen Demand | 2 | mg/L | < 2 | < 2 |
| M58-3 | 29-Apr-08 | Cadmium | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| M58-3 | 29-Apr-08 | Calcium | 0.2 | mg/L | 94 | 92 |
| M58-3 | 29-Apr-08 | Chemical Oxygen Demand | 4 | mg/L | 10 | < 4 |
| M58-3 | 29-Apr-08 | Chloride | 1 | mg/L | 7 | 6 |
| M58-3 | 29-Apr-08 | Chromium | 0.005 | mg/L | < 0.005 | < 0.005 |
| M58-3 | 29-Apr-08 | Conductivity | 2 | µS/cm | 647 | 643 |
| M58-3 | 29-Apr-08 | Dissolved Organic Carbon | 0.1 | mg/L | 0.7 | 0.7 |
| M58-3 | 29-Apr-08 | Ethylbenzene | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| M58-3 | 29-Apr-08 | Hardness | 1 | mg/L | 370 | 360 |
| M58-3 | 29-Apr-08 | Iron | 0.1 | mg/L | < 0.1 | < 0.1 |
| M58-3 | 29-Apr-08 | m+p-Xylene | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| M58-3 | 29-Apr-08 | Magnesium | 0.05 | mg/L | 32 | 32 |
| M58-3 | 29-Apr-08 | Mercury | 0.0002 | mg/L | < 0.0002 | < 0.0002 |
| M58-3 | 29-Apr-08 | Nitrate | 0.1 | mg/L | 0.5 | 0.5 |
| M58-3 | 29-Apr-08 | Nitrite | 0.01 | mg/L | < 0.01 | < 0.01 |
| M58-3 | 29-Apr-08 | o-Xylene | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| M58-3 | 29-Apr-08 | Phenols | 0.004 | mg/L | < 0.004 | < 0.004 |
| M58-3 | 29-Apr-08 | Potassium | 0.2 | mg/L | 1.6 | 1.6 |
| M58-3 | 29-Apr-08 | Silver | 0.0004 | mg/L | < 0.0004 | < 0.0004 |

| Sample ID | Sample Date | Parameter | MDL | Units | Sample Concentration | Duplicate Concentration |
|---|---|---|---|---|---|---|
| M58-3 | 29-Apr-08 | Sodium | 0.1 | mg/L | 5.8 | 5.9 |
| M58-3 | 29-Apr-08 | Sulphate | 1 | mg/L | 42 | 41 |
| M58-3 | 29-Apr-08 | Toluene | 0.0002 | mg/L | < 0.0002 | < 0.0002 |
| M58-3 | 29-Apr-08 | Total Kjeldahl Nitrogen | 0.7 | mg/L | < 0.7 | < 0.7 |
| M58-3 | 29-Apr-08 | Total Organic Carbon | 0.1 | mg/L | 0.6 | 0.7 |
| M58-3 | 29-Apr-08 | Total Xylenes | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| | | | | | | |
| 2054 | 30-Apr-08 | Alkalinity | 1 | mg/L | 198 | 195 |
| 2054 | 30-Apr-08 | Aluminum | 0.02 | mg/L | < 0.02 | < 0.02 |
| 2054 | 30-Apr-08 | Ammonia | 0.15 | mg/L | 2.05 | 2.06 |
| 2054 | 30-Apr-08 | Benzene | 0.0001 | mg/L | 0.0022 | 0.0019 |
| 2054 | 30-Apr-08 | Biochemical Oxygen Demand | 2 | mg/L | 5 | 5 |
| 2054 | 30-Apr-08 | Cadmium | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| 2054 | 30-Apr-08 | Calcium | 0.2 | mg/L | 21 | 20 |
| 2054 | 30-Apr-08 | Chemical Oxygen Demand | 4 | mg/L | 14 | 15 |
| 2054 | 30-Apr-08 | Chloride | 1 | mg/L | 130 | 120 |
| 2054 | 30-Apr-08 | Chromium | 0.005 | mg/L | < 0.005 | < 0.005 |
| 2054 | 30-Apr-08 | Conductivity | 2 | µS/cm | 851 | 812 |
| 2054 | 30-Apr-08 | Dissolved Organic Carbon | 0.1 | mg/L | 1.8 | 1.6 |
| 2054 | 30-Apr-08 | Ethylbenzene | 0.0001 | mg/L | 0.0002 | 0.0002 |
| 2054 | 30-Apr-08 | Hardness | 1 | mg/L | 120 | 110 |
| 2054 | 30-Apr-08 | Iron | 0.1 | mg/L | < 0.1 | < 0.1 |
| 2054 | 30-Apr-08 | m+p-Xylene | 0.0001 | mg/L | 0.0007 | 0.0006 |
| 2054 | 30-Apr-08 | Magnesium | 0.05 | mg/L | 17 | 16 |
| 2054 | 30-Apr-08 | Mercury | 0.0002 | mg/L | < 0.0002 | < 0.0002 |
| 2054 | 30-Apr-08 | Nitrate | 0.1 | mg/L | < 0.1 | < 0.1 |
| 2054 | 30-Apr-08 | Nitrite | 0.01 | mg/L | < 0.01 | < 0.01 |
| 2054 | 30-Apr-08 | o-Xylene | 0.0001 | mg/L | 0.0001 | 0.0001 |
| 2054 | 30-Apr-08 | pH | | unitless | 8.6 | 8.6 |
| 2054 | 30-Apr-08 | Phenols | 0.004 | mg/L | 0.007 | 0.007 |
| 2054 | 30-Apr-08 | Potassium | 0.2 | mg/L | 23 | 25 |
| 2054 | 30-Apr-08 | Silver | 0.0004 | mg/L | < 0.0004 | < 0.0004 |
| 2054 | 30-Apr-08 | Sodium | 0.1 | mg/L | 130 | 120 |
| 2054 | 30-Apr-08 | Sulphate | 1 | mg/L | 15 | 16 |
| 2054 | 30-Apr-08 | Toluene | 0.0002 | mg/L | 0.0026 | 0.002 |
| 2054 | 30-Apr-08 | Total Kjeldahl Nitrogen | 1 | mg/L | 3 | < 4 |
| 2054 | 30-Apr-08 | Total Organic Carbon | 0.1 | mg/L | 1.8 | 1.7 |
| 2054 | 30-Apr-08 | Total Xylenes | 0.0001 | mg/L | 0.0009 | 0.0007 |
| | | | | | | |
| OW56-d | 30-Apr-08 | Alkalinity | 1 | mg/L | 404 | 409 |
| OW56-d | 30-Apr-08 | Aluminum | 0.02 | mg/L | < 0.02 | < 0.02 |
| OW56-d | 30-Apr-08 | Ammonia | 0.15 | mg/L | 0.76 | 0.75 |
| OW56-d | 30-Apr-08 | Benzene | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| OW56-d | 30-Apr-08 | Biochemical Oxygen Demand | 2 | mg/L | 7 | 4 |
| OW56-d | 30-Apr-08 | Cadmium | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| OW56-d | 30-Apr-08 | Calcium | 0.2 | mg/L | 83 | 81 |
| OW56-d | 30-Apr-08 | Chemical Oxygen Demand | 4 | mg/L | 9 | 18 |
| OW56-d | 30-Apr-08 | Chloride | 5 | mg/L | 250 | 260 |
| OW56-d | 30-Apr-08 | Chromium | 0.005 | mg/L | < 0.005 | < 0.005 |
| OW56-d | 30-Apr-08 | Conductivity | 2 | µS/cm | 1780 | 1800 |
| OW56-d | 30-Apr-08 | Dissolved Organic Carbon | 0.1 | mg/L | 0.6 | 0.5 |
| OW56-d | 30-Apr-08 | Ethylbenzene | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| OW56-d | 30-Apr-08 | Hardness | 1 | mg/L | 400 | 390 |
| OW56-d | 30-Apr-08 | Iron | 0.1 | mg/L | 0.26 | 0.26 |
| OW56-d | 30-Apr-08 | m+p-Xylene | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| OW56-d | 30-Apr-08 | Magnesium | 0.05 | mg/L | 45 | 45 |

| Sample ID | Sample Date | Parameter | MDL | Units | Sample Concentration | Duplicate Concentration |
|---|---|---|---|---|---|---|
| OW56-d | 30-Apr-08 | Mercury | 0.0002 | mg/L | < 0.0002 | < 0.0002 |
| OW56-d | 30-Apr-08 | Nitrate | 0.1 | mg/L | < 0.1 | < 0.1 |
| OW56-d | 30-Apr-08 | Nitrite | 0.01 | mg/L | < 0.01 | < 0.01 |
| OW56-d | 30-Apr-08 | o-Xylene | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| OW56-d | 30-Apr-08 | pH | | unitless | 8.1 | 8.2 |
| OW56-d | 30-Apr-08 | Phenols | 0.004 | mg/L | 0.006 | 0.007 |
| OW56-d | 30-Apr-08 | Potassium | 0.2 | mg/L | 17 | 17 |
| OW56-d | 30-Apr-08 | Silver | 0.0004 | mg/L | < 0.0004 | < 0.0004 |
| OW56-d | 30-Apr-08 | Sodium | 0.1 | mg/L | 230 | 230 |
| OW56-d | 30-Apr-08 | Sulphate | 1 | mg/L | 116 | 114 |
| OW56-d | 30-Apr-08 | Toluene | 0.0002 | mg/L | < 0.0002 | < 0.0002 |
| OW56-d | 30-Apr-08 | Total Kjeldahl Nitrogen | 0.7 | mg/L | 1 | < 4 |
| OW56-d | 30-Apr-08 | Total Organic Carbon | 0.1 | mg/L | 0.5 | 0.5 |
| OW56-d | 30-Apr-08 | Total Xylenes | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| | | | | | | |
| M47-1 | 1-May-08 | Alkalinity | 1 | mg/L | 337 | 336 |
| M47-1 | 1-May-08 | Aluminum | 0.2 | mg/L | < 0.2 | < 0.2 |
| M47-1 | 1-May-08 | Ammonia | 0.15 | mg/L | 3.11 | 3.08 |
| M47-1 | 1-May-08 | Benzene | 0.0003 | mg/L | 0.027 | 0.026 |
| M47-1 | 1-May-08 | Biochemical Oxygen Demand | 2 | mg/L | < 2 | < 2 |
| M47-1 | 1-May-08 | Cadmium | 0.001 | mg/L | < 0.001 | < 0.001 |
| M47-1 | 1-May-08 | Calcium | 2 | mg/L | 410 | 410 |
| M47-1 | 1-May-08 | Chemical Oxygen Demand | 10 | mg/L | 160 | 340 |
| M47-1 | 1-May-08 | Chloride | 100 | mg/L | 4700 | 4700 |
| M47-1 | 1-May-08 | Chromium | 0.05 | mg/L | < 0.05 | < 0.05 |
| M47-1 | 1-May-08 | Conductivity | 2 | µS/cm | 15000 | 15000 |
| M47-1 | 1-May-08 | Dissolved Organic Carbon | 0.1 | mg/L | 1.5 | 1.8 |
| M47-1 | 1-May-08 | Ethylbenzene | 0.0003 | mg/L | 0.0012 | 0.0012 |
| M47-1 | 1-May-08 | Hardness | 1 | mg/L | 2200 | 2200 |
| M47-1 | 1-May-08 | Iron | 1 | mg/L | 5.4 | 5.5 |
| M47-1 | 1-May-08 | m+p-Xylene | 0.0003 | mg/L | 0.002 | 0.002 |
| M47-1 | 1-May-08 | Magnesium | 0.5 | mg/L | 290 | 290 |
| M47-1 | 1-May-08 | Mercury | 0.0002 | mg/L | < 0.0002 | < 0.0002 |
| M47-1 | 1-May-08 | Nitrate | 0.1 | mg/L | < 0.1 | < 0.1 |
| M47-1 | 1-May-08 | Nitrite | 0.01 | mg/L | < 0.01 | < 0.01 |
| M47-1 | 1-May-08 | o-Xylene | 0.0003 | mg/L | < 0.0003 | 0.0003 |
| M47-1 | 1-May-08 | pH | | unitless | 7.8 | 7.9 |
| M47-1 | 1-May-08 | Phenols | 0.004 | mg/L | < 0.004 | < 0.004 |
| M47-1 | 1-May-08 | Potassium | 2 | mg/L | 38 | 39 |
| M47-1 | 1-May-08 | Silver | 0.004 | mg/L | < 0.004 | < 0.004 |
| M47-1 | 1-May-08 | Sodium | 1 | mg/L | 2400 | 2400 |
| M47-1 | 1-May-08 | Sulphate | 1 | mg/L | 28 | 27 |
| M47-1 | 1-May-08 | Toluene | 0.0005 | mg/L | 0.0019 | 0.0018 |
| M47-1 | 1-May-08 | Total Kjeldahl Nitrogen | 0.7 | mg/L | 4.1 | 5 |
| M47-1 | 1-May-08 | Total Organic Carbon | 0.1 | mg/L | 1.8 | 1.6 |
| M47-1 | 1-May-08 | Total Xylenes | 0.0003 | mg/L | 0.0023 | 0.0023 |
| | | | | | | |
| S3 | 15-May-08 | (02.u) Aluminum | 0.005 | mg/L | 0.006 | 0.009 |
| S3 | 15-May-08 | Alkalinity | 1 | mg/L | 214 | 215 |
| S3 | 15-May-08 | Aluminum | 0.02 | mg/L | 0.081 | 0.075 |
| S3 | 15-May-08 | Ammonia | 0.15 | mg/L | < 0.15 | < 0.15 |
| S3 | 15-May-08 | Arsenic | 0.001 | mg/L | < 0.001 | < 0.001 |
| S3 | 15-May-08 | Beryllium | 0.0006 | mg/L | < 0.0006 | < 0.0006 |
| S3 | 15-May-08 | Biochemical Oxygen Demand | 2 | mg/L | < 2 | < 2 |
| S3 | 15-May-08 | Cadmium | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| S3 | 15-May-08 | Calcium | 0.2 | mg/L | 78 | 78 |

| Sample ID | Sample Date | Parameter | MDL | Units | Sample Concentration | Duplicate Concentration |
|---|---|---|---|---|---|---|
| S3 | 15-May-08 | Chloride | 1 | mg/L | 26 | 27 |
| S3 | 15-May-08 | Chromium (total) | 0.005 | mg/L | < 0.005 | < 0.005 |
| S3 | 15-May-08 | Conductivity | 2 | µS/cm | 498 | 493 |
| S3 | 15-May-08 | Copper | 0.002 | mg/L | < 0.002 | < 0.002 |
| S3 | 15-May-08 | Cyanide (free) | 0.002 | mg/L | < 0.002 | < 0.002 |
| S3 | 15-May-08 | Dissolved Organic Carbon | 0.1 | mg/L | 13.7 | 14.1 |
| S3 | 15-May-08 | Hardness | 1 | mg/L | 230 | 230 |
| S3 | 15-May-08 | Iron | 0.1 | mg/L | 0.22 | 0.23 |
| S3 | 15-May-08 | Lead | 0.0005 | mg/L | < 0.0005 | < 0.0005 |
| S3 | 15-May-08 | Magnesium | 0.05 | mg/L | 12 | 12 |
| S3 | 15-May-08 | Mercury | 0.0002 | mg/L | < 0.0002 | < 0.0002 |
| S3 | 15-May-08 | Nickel | 0.001 | mg/L | < 0.001 | < 0.001 |
| S3 | 15-May-08 | Nitrate | 0.1 | mg/L | < 0.1 | < 0.1 |
| S3 | 15-May-08 | pH | | unitless | 8.1 | 8.2 |
| S3 | 15-May-08 | Phenols | 0.001 | mg/L | < 0.001 | < 0.001 |
| S3 | 15-May-08 | Phosphorus (total) | 0.03 | mg/L | 0.04 | < 0.03 |
| S3 | 15-May-08 | Selenium | 0.005 | mg/L | < 0.005 | < 0.005 |
| S3 | 15-May-08 | Silver | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| S3 | 15-May-08 | Total Dissolved Solids | 10 | mg/L | 340 | 330 |
| S3 | 15-May-08 | Total Kjeldahl Nitrogen | 0.7 | mg/L | 1.1 | 1.2 |
| S3 | 15-May-08 | Total Organic Carbon | 0.1 | mg/L | 15.5 | 14.4 |
| S3 | 15-May-08 | Total Suspended Solids | 1 | mg/L | 1 | 2 |
| S3 | 15-May-08 | Turbidity | 0.1 | NTU | 1.7 | 1.6 |
| S3 | 15-May-08 | Unionized Ammonia | 0.02 | mg/L | < 0.02 | < 0.02 |
| S3 | 15-May-08 | Zinc | 0.01 | mg/L | < 0.01 | < 0.01 |
| | | | | | | |
| S6 | 15-May-08 | (02.u) Aluminum | 0.005 | mg/L | 0.008 | 0.007 |
| S6 | 15-May-08 | Alkalinity | 1 | mg/L | 205 | 171 |
| S6 | 15-May-08 | Aluminum | 0.02 | mg/L | 0.13 | 0.34 |
| S6 | 15-May-08 | Ammonia | 0.15 | mg/L | < 0.15 | < 0.15 |
| S6 | 15-May-08 | Arsenic | 0.001 | mg/L | < 0.001 | < 0.001 |
| S6 | 15-May-08 | Beryllium | 0.0006 | mg/L | < 0.0006 | < 0.0006 |
| S6 | 15-May-08 | Biochemical Oxygen Demand | 2 | mg/L | < 2 | < 2 |
| S6 | 15-May-08 | Cadmium | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| S6 | 15-May-08 | Calcium | 0.2 | mg/L | 74 | 65 |
| S6 | 15-May-08 | Chloride | 1 | mg/L | 19 | 26 |
| S6 | 15-May-08 | Chromium (total) | 0.005 | mg/L | < 0.005 | < 0.005 |
| S6 | 15-May-08 | Conductivity | 2 | µS/cm | 441 | 433 |
| S6 | 15-May-08 | Copper | 0.002 | mg/L | < 0.002 | 0.004 |
| S6 | 15-May-08 | Cyanide (free) | 0.002 | mg/L | < 0.002 | < 0.002 |
| S6 | 15-May-08 | Dissolved Organic Carbon | 0.1 | mg/L | 13.6 | 12.8 |
| S6 | 15-May-08 | Hardness | 1 | mg/L | 210 | 180 |
| S6 | 15-May-08 | Iron | 0.1 | mg/L | 0.3 | 0.27 |
| S6 | 15-May-08 | Lead | 0.0005 | mg/L | < 0.0005 | < 0.0005 |
| S6 | 15-May-08 | Magnesium | 0.05 | mg/L | 9.9 | 9.6 |
| S6 | 15-May-08 | Mercury | 0.0002 | mg/L | < 0.0002 | 0.0002 |
| S6 | 15-May-08 | Nickel | 0.001 | mg/L | < 0.001 | < 0.001 |
| S6 | 15-May-08 | Nitrate | 0.1 | mg/L | < 0.1 | < 0.01 |
| S6 | 15-May-08 | pH | | unitless | 8.2 | 8 |
| S6 | 15-May-08 | Phenols | 0.001 | mg/L | < 0.001 | < 0.001 |
| S6 | 15-May-08 | Phosphorus (total) | 0.06 | mg/L | < 0.06 | < 0.03 |
| S6 | 15-May-08 | Selenium | 0.005 | mg/L | < 0.005 | < 0.005 |
| S6 | 15-May-08 | Silver | 0.0001 | mg/L | < 0.0001 | 0.0001 |
| S6 | 15-May-08 | Total Dissolved Solids | 10 | mg/L | 300 | 285 |
| S6 | 15-May-08 | Total Kjeldahl Nitrogen | 0.7 | mg/L | 1.3 | 5 |
| S6 | 15-May-08 | Total Organic Carbon | 0.1 | mg/L | 18.6 | 13.3 |

| Sample ID | Sample Date | Parameter | MDL | Units | Sample Concentration | Duplicate Concentration |
|---|---|---|---|---|---|---|
| S6 | 15-May-08 | Total Suspended Solids | 1 | mg/L | 3 | 2 |
| S6 | 15-May-08 | Turbidity | 0.1 | NTU | 2.1 | 5.3 |
| S6 | 15-May-08 | Unionized Ammonia | 0.02 | mg/L | < 0.02 | < 0.02 |
| S6 | 15-May-08 | Zinc | 0.01 | mg/L | < 0.01 | < 0.01 |
| | | | | | | |
| S6 | 17-Nov-08 | (0.2u) Aluminum | 0.005 | mg/L | 0.007 | 0.007 |
| S6 | 17-Nov-08 | Alkalinity | 1 | mg/L | 171 | 171 |
| S6 | 17-Nov-08 | Aluminum | 0.02 | mg/L | 0.35 | 0.34 |
| S6 | 17-Nov-08 | Ammonia | 0.15 | mg/L | < 0.15 | < 0.15 |
| S6 | 17-Nov-08 | Arsenic | 0.001 | mg/L | < 0.001 | < 0.001 |
| S6 | 17-Nov-08 | Beryllium | 0.0006 | mg/L | < 0.0006 | < 0.0006 |
| S6 | 17-Nov-08 | Biochemical Oxygen Demand | 2 | mg/L | < 2 | < 2 |
| S6 | 17-Nov-08 | Cadmium | 0.0001 | mg/L | < 0.0001 | < 0.0001 |
| S6 | 17-Nov-08 | Calcium | 0.2 | mg/L | 66 | 65 |
| S6 | 17-Nov-08 | Chloride | 1 | mg/L | 24 | 26 |
| S6 | 17-Nov-08 | Chromium (total) | 0.005 | mg/L | < 0.005 | < 0.005 |
| S6 | 17-Nov-08 | Conductivity | 2 | µS/cm | 432 | 433 |
| S6 | 17-Nov-08 | Copper | 0.002 | mg/L | 0.003 | 0.004 |
| S6 | 17-Nov-08 | Cyanide (free) | 0.002 | mg/L | < 0.002 | < 0.002 |
| S6 | 17-Nov-08 | Dissolved Organic Carbon | 0.1 | mg/L | 12.6 | 12.8 |
| S6 | 17-Nov-08 | Hardness | 1 | mg/L | 180 | 180 |
| S6 | 17-Nov-08 | Iron | 0.1 | mg/L | 0.25 | 0.27 |
| S6 | 17-Nov-08 | Lead | 0.0005 | mg/L | < 0.0005 | < 0.0005 |
| S6 | 17-Nov-08 | Magnesium | 0.05 | mg/L | 10 | 9.6 |
| S6 | 17-Nov-08 | Mercury | 0.0002 | mg/L | < 0.0002 | 0.0002 |
| S6 | 17-Nov-08 | Nickel | 0.001 | mg/L | < 0.001 | < 0.001 |
| S6 | 17-Nov-08 | Nitrate | 0.1 | mg/L | < 0.1 | < 0.1 |
| S6 | 17-Nov-08 | Nitrate + Nitrite | 0.1 | mg/L | < 0.1 | < 0.1 |
| S6 | 17-Nov-08 | Nitrite | 0.01 | mg/L | < 0.01 | < 0.01 |
| S6 | 17-Nov-08 | pH (Lab) | | unitless | 8.1 | 8 |
| S6 | 17-Nov-08 | Phenols | 0.001 | mg/L | < 0.001 | < 0.001 |
| S6 | 17-Nov-08 | Phosphorus (total) | 0.03 | mg/L | < 0.03 | < 0.03 |
| S6 | 17-Nov-08 | Selenium | 0.005 | mg/L | < 0.005 | < 0.005 |
| S6 | 17-Nov-08 | Silver | 0.0001 | mg/L | < 0.0001 | 0.0001 |
| S6 | 17-Nov-08 | Total Dissolved Solids | 10 | mg/L | 280 | 285 |
| S6 | 17-Nov-08 | Total Kjeldahl Nitrogen | 1 | mg/L | 1 | 5 |
| S6 | 17-Nov-08 | Total Organic Carbon | 0.1 | mg/L | 13.3 | 13.3 |
| S6 | 17-Nov-08 | Total Suspended Solids | 1 | mg/L | 2 | 2 |
| S6 | 17-Nov-08 | Turbidity | 0.1 | NTU | 5.6 | 5.3 |
| S6 | 17-Nov-08 | Unionized Ammonia | 0.02 | mg/L | < 0.02 | < 0.02 |
| S6 | 17-Nov-08 | Zinc | 0.01 | mg/L | < 0.01 | < 0.01 |

| Date | QAQC Type | Parameter | Units | MDL (mg/L) | Concentration (mg/L) |
|---|---|---|---|---|---|
| 29-Apr-08 | Blank - Equipment | Benzene | mg/L | 0.0001 | < 0.0001 |
| 29-Apr-08 | Blank - Equipment | Ethylbenzene | mg/L | 0.0001 | < 0.0001 |
| 29-Apr-08 | Blank - Equipment | m+p-Xylene | mg/L | 0.0001 | < 0.0001 |
| 29-Apr-08 | Blank - Equipment | o-Xylene | mg/L | 0.0001 | < 0.0001 |
| 29-Apr-08 | Blank - Equipment | Toluene | mg/L | 0.0002 | 0.0008 |
| 29-Apr-08 | Blank - Equipment | Total Xylenes | mg/L | 0.0001 | < 0.0001 |
| 30-Apr-08 | Blank - Field | Alkalinity | mg/L | 1 | 1 |
| 30-Apr-08 | Blank - Field | Ammonia | mg/L | 0.15 | < 0.15 |
| 30-Apr-08 | Blank - Field | Benzene | mg/L | 0.0001 | < 0.0001 |
| 30-Apr-08 | Blank - Field | Biochemical Oxygen Demand | mg/L | 2 | < 2 |
| 30-Apr-08 | Blank - Field | Chemical Oxygen Demand | mg/L | 4 | < 4 |
| 30-Apr-08 | Blank - Field | Conductivity | µS/cm | 2 | < 2 |
| 30-Apr-08 | Blank - Field | Dissolved Organic Carbon | mg/L | 0.1 | 0.2 |
| 30-Apr-08 | Blank - Field | Ethylbenzene | mg/L | 0.0001 | < 0.0001 |
| 30-Apr-08 | Blank - Field | m+p-Xylene | mg/L | 0.0001 | < 0.0001 |
| 30-Apr-08 | Blank - Field | Nitrate | mg/L | 0.1 | < 0.1 |
| 30-Apr-08 | Blank - Field | Nitrite | mg/L | 0.01 | < 0.01 |
| 30-Apr-08 | Blank - Field | o-Xylene | mg/L | 0.0001 | < 0.0001 |
| 30-Apr-08 | Blank - Field | Phenols | mg/L | 0.004 | < 0.004 |
| 30-Apr-08 | Blank - Field | Toluene | mg/L | 0.0002 | < 0.0002 |
| 30-Apr-08 | Blank - Field | Total Xylenes | mg/L | 0.0001 | < 0.0001 |
| 1-May-08 | Blank - Field | Alkalinity | mg/L | 1 | 1 |
| 1-May-08 | Blank - Field | Aluminum | mg/L | 0.02 | < 0.02 |
| 1-May-08 | Blank - Field | Ammonia | mg/L | 0.15 | < 0.15 |
| 1-May-08 | Blank - Field | Benzene | mg/L | 0.0001 | < 0.0001 |
| 1-May-08 | Blank - Field | Biochemical Oxygen Demand | mg/L | 2 | < 2 |
| 1-May-08 | Blank - Field | Cadmium | mg/L | 0.0001 | < 0.0001 |
| 1-May-08 | Blank - Field | Calcium | mg/L | 0.2 | < 0.2 |
| 1-May-08 | Blank - Field | Chemical Oxygen Demand | mg/L | 4 | 6 |
| 1-May-08 | Blank - Field | Chloride | mg/L | 1 | < 1 |
| 1-May-08 | Blank - Field | Chromium | mg/L | 0.005 | < 0.005 |
| 1-May-08 | Blank - Field | Conductivity | µS/cm | 2 | < 2 |
| 1-May-08 | Blank - Field | Dissolved Organic Carbon | mg/L | 0.1 | 0.5 |
| 1-May-08 | Blank - Field | Ethylbenzene | mg/L | 0.0001 | < 0.0001 |
| 1-May-08 | Blank - Field | Hardness | mg/L | 1 | < 1 |
| 1-May-08 | Blank - Field | Iron | mg/L | 0.1 | < 0.1 |
| 1-May-08 | Blank - Field | m+p-Xylene | mg/L | 0.0001 | < 0.0001 |
| 1-May-08 | Blank - Field | Magnesium | mg/L | 0.05 | < 0.05 |
| 1-May-08 | Blank - Field | Mercury | mg/L | 0.0002 | < 0.0002 |
| 1-May-08 | Blank - Field | Nitrate | mg/L | 0.1 | < 0.1 |
| 1-May-08 | Blank - Field | Nitrite | mg/L | 0.01 | < 0.01 |
| 1-May-08 | Blank - Field | o-Xylene | mg/L | 0.0001 | < 0.0001 |
| 1-May-08 | Blank - Field | pH | unitless | | 6.9 |
| 1-May-08 | Blank - Field | Phenols | mg/L | 0.004 | < 0.004 |
| 1-May-08 | Blank - Field | Potassium | mg/L | 0.2 | < 0.2 |
| 1-May-08 | Blank - Field | Silver | mg/L | 0.0004 | < 0.0004 |
| 1-May-08 | Blank - Field | Sodium | mg/L | 0.1 | 0.26 |
| 1-May-08 | Blank - Field | Sulphate | mg/L | 1 | < 1 |
| 1-May-08 | Blank - Field | Toluene | mg/L | 0.0002 | 0.0008 |
| 1-May-08 | Blank - Field | Total Kjeldahl Nitrogen | mg/L | 0.7 | < 0.7 |
| 1-May-08 | Blank - Field | Total Organic Carbon | mg/L | 0.1 | 0.2 |
| 1-May-08 | Blank - Field | Total Xylenes | mg/L | 0.0001 | < 0.0001 |
| 28-Apr-08 | Blank - Trip | Benzene | mg/L | 0.0002 | < 0.0002 |
| 28-Apr-08 | Blank - Trip | Ethylbenzene | mg/L | 0.0002 | < 0.0002 |
| 28-Apr-08 | Blank - Trip | m+p-Xylene | mg/L | 0.0006 | < 0.0006 |
| 28-Apr-08 | Blank - Trip | o-Xylene | mg/L | 0.0003 | < 0.0003 |
| 28-Apr-08 | Blank - Trip | Toluene | mg/L | 0.0003 | < 0.0003 |
| 29-Apr-08 | Blank - Trip | Benzene | mg/L | 0.0001 | < 0.0001 |
| 29-Apr-08 | Blank - Trip | Ethylbenzene | mg/L | 0.0001 | < 0.0001 |
| 29-Apr-08 | Blank - Trip | m+p-Xylene | mg/L | 0.0001 | < 0.0001 |
| 29-Apr-08 | Blank - Trip | o-Xylene | mg/L | 0.0001 | < 0.0001 |
| 29-Apr-08 | Blank - Trip | Toluene | mg/L | 0.0002 | 0.0007 |
| 29-Apr-08 | Blank - Trip | Total Xylenes | mg/L | 0.0001 | < 0.0001 |
| 29-Apr-08 | Blank - Trip | Benzene | mg/L | 0.0001 | < 0.0001 |
| 29-Apr-08 | Blank - Trip | Ethylbenzene | mg/L | 0.0001 | < 0.0001 |
| 29-Apr-08 | Blank - Trip | m+p-Xylene | mg/L | 0.0001 | < 0.0001 |
| 29-Apr-08 | Blank - Trip | o-Xylene | mg/L | 0.0001 | < 0.0001 |
| 29-Apr-08 | Blank - Trip | Toluene | mg/L | 0.0002 | 0.0007 |
| 29-Apr-08 | Blank - Trip | Total Xylenes | mg/L | 0.0001 | < 0.0001 |
| 1-May-08 | Blank - Trip | Benzene | mg/L | 0.0002 | < 0.0002 |
| 1-May-08 | Blank - Trip | Ethylbenzene | mg/L | 0.0002 | < 0.0002 |
| 1-May-08 | Blank - Trip | m+p-Xylene | mg/L | 0.0006 | < 0.0006 |
| 1-May-08 | Blank - Trip | o-Xylene | mg/L | 0.0003 | < 0.0003 |
| 1-May-08 | Blank - Trip | Toluene | mg/L | 0.0003 | < 0.0003 |

| Date | QAQC Type | Parameter | Units | MDL (mg/L) | Concentration (mg/L) |
|---|---|---|---|---|---|
| 30-Apr-08 | Blank - Trip | Benzene | mg/L | 0.0002 | < 0.0002 |
| 30-Apr-08 | Blank - Trip | Ethylbenzene | mg/L | 0.0002 | < 0.0002 |
| 30-Apr-08 | Blank - Trip | m+p-Xylene | mg/L | 0.0006 | < 0.0006 |
| 30-Apr-08 | Blank - Trip | o-Xylene | mg/L | 0.0003 | < 0.0003 |
| 30-Apr-08 | Blank - Trip | Toluene | mg/L | 0.0003 | 0.0006 |
| 1-May-08 | Blank - Trip | Benzene | mg/L | 0.0002 | < 0.0002 |
| 1-May-08 | Blank - Trip | Ethylbenzene | mg/L | 0.0002 | < 0.0002 |
| 1-May-08 | Blank - Trip | m+p-Xylene | mg/L | 0.0006 | < 0.0006 |
| 1-May-08 | Blank - Trip | o-Xylene | mg/L | 0.0003 | < 0.0003 |
| 1-May-08 | Blank - Trip | Toluene | mg/L | 0.0003 | 0.0006 |
| 1-May-08 | Blank - Trip | Benzene | mg/L | 0.0002 | < 0.0002 |
| 1-May-08 | Blank - Trip | Ethylbenzene | mg/L | 0.0002 | < 0.0002 |
| 1-May-08 | Blank - Trip | m+p-Xylene | mg/L | 0.0006 | < 0.0006 |
| 1-May-08 | Blank - Trip | o-Xylene | mg/L | 0.0003 | < 0.0003 |
| 1-May-08 | Blank - Trip | Toluene | mg/L | 0.0003 | 0.0006 |
| 19-Nov-08 | Blank - Trip | Benzene | mg/L | 0.0002 | < 0.0002 |
| 19-Nov-08 | Blank - Trip | Ethylbenzene | mg/L | 0.0002 | < 0.0002 |
| 19-Nov-08 | Blank - Trip | m+p-Xylene | mg/L | 0.0004 | < 0.0004 |
| 19-Nov-08 | Blank - Trip | o-Xylene | mg/L | 0.0002 | < 0.0002 |
| 19-Nov-08 | Blank - Trip | Toluene | mg/L | 0.0002 | < 0.0002 |
| 19-Nov-08 | Blank - Trip | Total Xylenes | mg/L | 0.0004 | < 0.0004 |
| 19-Nov-08 | Blank - Trip | Benzene | mg/L | 0.0002 | < 0.0002 |
| 19-Nov-08 | Blank - Trip | Ethylbenzene | mg/L | 0.0002 | < 0.0002 |
| 19-Nov-08 | Blank - Trip | m+p-Xylene | mg/L | 0.0004 | < 0.0004 |
| 19-Nov-08 | Blank - Trip | o-Xylene | mg/L | 0.0002 | < 0.0002 |
| 19-Nov-08 | Blank - Trip | Toluene | mg/L | 0.0002 | < 0.0002 |
| 19-Nov-08 | Blank - Trip | Total Xylenes | mg/L | 0.0004 | < 0.0004 |

| Sample ID | Sample Date | Parameter | MDL | Units | Sample Concentration | Duplicate Concentration |
|---|---|---|---|---|---|---|
| M58-3 | 29-Apr-08 | Chemical Oxygen Demand | 4 | mg/L | 10 | < 4 |
| OW56-d | 30-Apr-08 | Biochemical Oxygen Demand | 2 | mg/L | 7 | 4 |
| OW56-d | 30-Apr-08 | Chemical Oxygen Demand | 4 | mg/L | 9 | 18 |
| OW56-d | 30-Apr-08 | Total Kjeldahl Nitrogen | 0.7 | mg/L | 1 | < 4 |
| M47-1 | 1-May-08 | Chemical Oxygen Demand | 10 | mg/L | 160 | 340 |
| S3 | 15-May-08 | (02.u) Aluminum | 0.005 | mg/L | 0.006 | 0.009 |
| S3 | 15-May-08 | Total Suspended Solids | 1 | mg/L | 1 | 2 |
| S6 | 15-May-08 | Aluminum | 0.02 | mg/L | 0.13 | 0.34 |
| S6 | 15-May-08 | Chloride | 1 | mg/L | 19 | 26 |
| S6 | 15-May-08 | Copper | 0.002 | mg/L | < 0.002 | 0.004 |
| S6 | 15-May-08 | Nitrate | 0.1 | mg/L | < 0.1 | < 0.01 |
| S6 | 15-May-08 | Phosphorus (total) | 0.06 | mg/L | < 0.06 | < 0.03 |
| S6 | 15-May-08 | Total Kjeldahl Nitrogen | 0.7 | mg/L | 1.3 | 5 |
| S6 | 15-May-08 | Total Organic Carbon | 0.1 | mg/L | 18.6 | 13.3 |
| S6 | 15-May-08 | Total Suspended Solids | 1 | mg/L | 3 | 2 |
| S6 | 15-May-08 | Turbidity | 0.1 | NTU | 2.1 | 5.3 |
| S6 | 17-Nov-08 | Total Kjeldahl Nitrogen | 1 | mg/L | 1 | 5 |

# Appendix G

# 2008 Meteorological Data, CFB Trenton

*Data Source: National Climate Data and Information Archive (www.climate.weatheroffice.ec.gc.ca)*

| | |
|---|---|
| *Station Name* | *TRENTON A* |
| *Province* | *ONTARIO* |
| *Latitude* | *44.12* |
| *Longitude* | *-77.53* |
| *Elevation* | *86.3* |
| *Climate Identifier* | *6158875* |
| *WMO Identifier* | *71621* |
| *TC Identifier* | *YTR* |

*Legend*

| | | | |
|---|---|---|---|
| *[Empty]* | *No Data Available* | *F* | *Accumulated and Estimated* |
| *M* | *Missing* | *N* | *Temperature Missing but Known to be > 0* |
| *E* | *Estimated* | *Y* | *Temperature Missing but Known to be < 0* |
| *A* | *Accumulated* | *S* | *More Than One Occurrence* |
| *C* | *Precipitation Occurred; Amount Uncertain* | *T* | *Trace* |
| *L* | *Precipitation May or May Not Have Occurred* | *** | *Data for this day has undergone only preliminary quality checking.* |

| Date | Max Temp (°C) | Min Temp (°C) | Mean Temp (°C) | Heat Deg Days (°C) | Cool Deg Days (°C) | Total Rain (mm) | Total Snow (cm) | Total Precip (mm) | Snow on Grnd (cm) | Dir of Max Gust (10's Deg) | Dir of Max Gust | Spd of Max Gust (km/h) | Dir of Max Gust |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/1/2008 | -0.1 | -8.4 | -4.3 | 22.3 | 0 | 0 | 14.9 | 10.8 | 8 | 2 | E | 46 | E |
| 1/2/2008 | -8 | -17.2 | -12.6 | 30.6 | 0 | 0 | 0 | 0 | 20 | 33 | E | 37 | E |
| 1/3/2008 | -1.9 | -22.2 | -12.1 | 30.1 | 0 | 0 | 1.4 | 0.8 | 20 | 22 | E | 48 | E |
| 1/4/2008 | 0.4 | -8 | -3.8 | 21.8 | 0 | 0 | 0 | 0 | 20 | 25 | E | 57 | E |
| 1/5/2008 | 3.5 | -10.9 | -3.7 | 21.7 | 0 | 1.6 | 0.2 | 1.8 | 19 | 22 | E | 32 | E |
| 1/6/2008 | 7 | 2.4 | 4.7 | 13.3 | 0 | 2.2 | 0 | 2.2 | 6 | 0 | | 0 | |
| 1/7/2008 | 12 | 5 | 8.5 | 9.5 | 0 | 2.3 | 0 | 2.3 | T | 0 | | 0 | |
| 1/8/2008 | 15.1 | 5.4 | 10.3 | 7.7 | 0 | 1.2 | 0 | 1.2 | T | 18 | E | 33 | E |
| 1/9/2008 | 13.8 | -0.1 | 6.9 | 11.1 | 0 | 2.2 | 0 | 2.2 | 0 | 21 | E | 85 | E |
| 1/10/2008 | 2.5 | -2.3 | 0.1 | 17.9 | 0 | 0 | T | T | 0 | 7 | E | 32 | E |
| 1/11/2008 | 7.6 | -0.2 | 3.7 | 14.3 | 0 | 7.2 | T | 7.2 | T | 24 | E | 57 | E |
| 1/12/2008 | 5.3 | -4 | 0.7 | 17.3 | 0 | 0.2 | T | 0.2 | 0 | 25 | E | 33 | E |
| 1/13/2008 | 0.8 | -5.5 | -2.4 | 20.4 | 0 | 0 | T | T | 0 | 6 | E | 32 | E |
| 1/14/2008 | 0.3 | -3.7 | -1.7 | 19.7 | 0 | 0 | 8.2 | 7.2 | 2 | 0 | | 0 | |
| 1/15/2008 | -2.1 | -9.6 | -5.9 | 23.9 | 0 | 0 | 2 | 1.2 | 8 | 0 | | 0 | |
| 1/16/2008 | -0.5 | -10.7 | -5.6 | 23.6 | 0 | 0 | 0 | 0 | 7 | 0 | | 0 | |
| 1/17/2008 | 2 | -4.1 | -1.1 | 19.1 | 0 | 0 | 0.8 | 0.8 | 6 | 16 | E | 33 | E |
| 1/18/2008 | 3.3 | -5.5 | -1.1 | 19.1 | 0 | 2.6 | T | 2.6 | 3 | 25 | E | 61 | E |
| 1/19/2008 | -1.2 | -12.2 | -6.7 | 24.7 | 0 | 0 | 0.2 | 0.2 | 3 | 28 | E | 46 | E |
| 1/20/2008 | -7.6 | -14.7 | -11.2 | 29.2 | 0 | 0 | T | T | 3 | 29 | E | 35 | E |
| 1/21/2008 | -5.3 | -17.8 | -11.6 | 29.6 | 0 | 0 | 4.1 | 2.2 | 3 | 27 | E | 32 | E |
| 1/22/2008 | 0.1 | -9.8 | -4.9 | 22.9 | 0 | 0 | 7 | 6.6 | 7 | 25 | E | 44 | E |
| 1/23/2008 | -4.8 | -10.7 | -7.8 | 25.8 | 0 | 0 | T | T | 13 | 25 | E | 37 | E |
| 1/24/2008 | -6 | -16 | -11 | 29 | 0 | 0 | 1.6 | 1 | 11 | 0 | | 0 | |
| 1/25/2008 | -4.5 | -14.8 | -9.7 | 27.7 | 0 | 0 | 0 | 0 | 11 | 24 | E | 44 | E |
| 1/26/2008 | -2.7 | -6 | -4.4 | 22.4 | 0 | 0 | 2 | 0.5 | 7 | 0 | | 0 | |
| 1/27/2008 | -0.4 | -10.5 | -5.5 | 23.5 | 0 | 0 | 3.6 | 1.8 | 10 | 0 | | 0 | |
| 1/28/2008 | -0.4 | -13.1 | -6.8 | 24.8 | 0 | 0 | T | T | 9 | 0 | | 0 | |
| 1/29/2008 | 6.4 | -5 | 0.7 | 17.3 | 0 | 3 | T | 3 | 9 | 0 | | 0 | |
| 1/30/2008 | 6.8 | -9.5 | -1.4 | 19.4 | 0 | 3.8 | 1.4 | 5 | 0 | 23 | E | 91 | E |
| 1/31/2008 | -3.8 | -10.4 | -7.1 | 25.1 | 0 | 0 | 0 | 0 | 1 | 0 | | 0 | |
| 2/1/2008 | -3.2 | -7.1 | -5.2 | 23.2 | 0 | T | 23.8 | 26.8 | 1 | 7 | E | 37 | E |
| 2/2/2008 | 0.4 | -5 | -2.3 | 20.3 | 0 | 0 | T | T | 21 | 27 | E | 35 | E |
| 2/3/2008 | 1.9 | -2.5 | -0.3 | 18.3 | 0 | 0 | 0.2 | 0.2 | 16 | 0 | | 0 | |
| 2/4/2008 | 2.9 | -4 | -0.6 | 18.6 | 0 | 7.6 | T | 7.6 | 13 | 0 | | 0 | |
| 2/5/2008 | 7 | 1 | 4 | 14 | 0 | 8.6 | 0 | 8.6 | 8 | 29 | E | 33 | E |

*Data Source: National Climate Data and Information Archive (www.climate.weatheroffice.ec.gc.ca)*

| | |
|---|---|
| *Station Name* | *TRENTON A* |
| *Province* | *ONTARIO* |
| *Latitude* | *44.12* |
| *Longitude* | *-77.53* |
| *Elevation* | *86.3* |
| *Climate Identifier* | *6158875* |
| *WMO Identifier* | *71621* |
| *TC Identifier* | *YTR* |

*Legend*

| | | | |
|---|---|---|---|
| *[Empty]* | *No Data Available* | *F* | *Accumulated and Estimated* |
| *M* | *Missing* | *N* | *Temperature Missing but Known to be > 0* |
| *E* | *Estimated* | *Y* | *Temperature Missing but Known to be < 0* |
| *A* | *Accumulated* | *S* | *More Than One Occurrence* |
| *C* | *Precipitation Occurred; Amount Uncertain* | *T* | *Trace* |
| *L* | *Precipitation May or May Not Have Occurred* | *** | *Data for this day has undergone only preliminary quality checking.* |

| Date | Max Temp (°C) | Min Temp (°C) | Mean Temp (°C) | Heat Deg Days (°C) | Cool Deg Days (°C) | Total Rain (mm) | Total Snow (cm) | Total Precip (mm) | Snow on Grnd (cm) | Dir of Max Gust (10's Deg) | Dir of Max Gust | Spd of Max Gust (km/h) | Dir of Max Gust |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/6/2008 | 1.3 | -6.3 | -2.5 | 20.5 | 0 | T | 16.6 | 14.2 | 11 | 4 | E | 54 | E |
| 2/7/2008 | -4.6 | -14 | -9.3 | 27.3 | 0 | T | 2.6 | 2.6 | 21 | 2 | E | 39 | E |
| 2/8/2008 | -0.7 | -9.2 | -5 | 23 | 0 | 0 | 0.2 | 0.2 | 19 | 0 | | 0 | |
| 2/9/2008 | 2.5 | -6 | -1.8 | 19.8 | 0 | 0.4 | 5.5 | 6.3 | 19 | 24 | E | 48 | E |
| 2/10/2008 | 1.3 | -15.7 | -7.2 | 25.2 | 0 | 0 | 4 | 4 | 23 | 25 | E | 69 | E |
| 2/11/2008 | -9.6 | -17 | -13.3 | 31.3 | 0 | 0 | T | T | 19 | 26 | E | 48 | E |
| 2/12/2008 | -9.7 | -21.1 | -15.4 | 33.4 | 0 | 0 | 7 | 6.8 | 20 | 6 | E | 32 | E |
| 2/13/2008 | -4.2 | -11.8 | -8 | 26 | 0 | T | 3 | 2.6 | 25 | 0 | | 0 | |
| 2/14/2008 | 1.5 | -14.5 | -6.5 | 24.5 | 0 | 0 | T | T | 23 | 23 | E | 44 | E |
| 2/15/2008 | 1.7 | -13.9 | -6.1 | 24.1 | 0 | 0 | 2.2 | 2 | 25 | 31 | E | 56 | E |
| 2/16/2008 | -2.7 | -15.3 | -9 | 27 | 0 | 0 | 0.4 | 0.4 | 24 | 0 | | 0 | |
| 2/17/2008 | 6.1 | -16.2 | -5.1 | 23.1 | 0 | 11 | 0 | 11 | 21 | 17 | E | 33 | E |
| 2/18/2008 | 7 | -1.4 | 2.8 | 15.2 | 0 | 5.6 | T | 5.6 | 6 | 24 | E | 63 | E |
| 2/19/2008 | -1.2 | -10.6 | -5.9 | 23.9 | 0 | 0 | 0.2 | 0.2 | 6 | 25 | E | 52 | E |
| 2/20/2008 | -4.9 | -15.1 | -10 | 28 | 0 | 0 | T | T | 6 | 29 | E | 39 | E |
| 2/21/2008 | -5 | -16 | -10.5 | 28.5 | 0 | 0 | T | T | 5 | 0 | | 0 | |
| 2/22/2008 | -2.9 | -14.5 | -8.7 | 26.7 | 0 | 0 | 5.6 | 2.2 | 7 | 0 | | 0 | |
| 2/23/2008 | -2.7 | -18.1 | -10.4 | 28.4 | 0 | 0 | 0 | 0 | 11 | 0 | | 0 | |
| 2/24/2008 | 0.7 | -9.6 | -4.5 | 22.5 | 0 | 0 | 0 | 0 | 9 | 23 | E | 44 | E |
| 2/25/2008 | 1.8 | -7.1 | -2.7 | 20.7 | 0 | 0 | T | T | 7 | 23 | E | 37 | E |
| 2/26/2008 | 0.5 | -6 | -2.8 | 20.8 | 0 | 0 | 6.6 | 5.6 | 7 | 1 | E | 39 | E |
| 2/27/2008 | -5.6 | -15.5 | -10.6 | 28.6 | 0 | 0 | T | T | 10 | 35 | E | 39 | E |
| 2/28/2008 | -11 | -19.9 | -15.5 | 33.5 | 0 | 0 | 0 | 0 | 10 | 0 | | 0 | |
| 2/29/2008 | -0.9 | -23.5 | -12.2 | 30.2 | 0 | 0 | 13.8 | 11.4 | 10 | 12 | E | 33 | E |
| 3/1/2008 | 1.2 | -8.4 | -3.6 | 21.6 | 0 | T | 2 | 0.8 | 20 | 27 | E | 41 | E |
| 3/2/2008 | 0.2 | -12.5 | -6.2 | 24.2 | 0 | 0 | 0 | 0 | 19 | 0 | | 0 | |
| 3/3/2008 | 10.4 | -3.9 | 3.3 | 14.7 | 0 | 2 | T | 2 | 15 | 25 | E | 50 | E |
| 3/4/2008 | 1.2 | -6.5 | -2.7 | 20.7 | 0 | 1 | 5.4 | 6.4 | 9 | 4 | E | 50 | E |
| 3/5/2008 | -2 | -10.7 | -6.4 | 24.4 | 0 | T | 12.7 | 12.7 | 14 | 4 | E | 48 | E |
| 3/6/2008 | 3.2 | -12.9 | -4.9 | 22.9 | 0 | 0 | T | T | 14 | 22 | E | 35 | E |
| 3/7/2008 | 0.9 | -4.1 | -1.6 | 19.6 | 0 | T | 12.8 | 12.8 | 11 | 3 | E | 37 | E |
| 3/8/2008 | -2.9 | -9.1 | -6 | 24 | 0 | 0.2 | 26.6 | 23.2 | 15 | 4 | E | 63 | E |
| 3/9/2008 | -4.6 | -13 | -8.8 | 26.8 | 0 | 0 | 0.4 | 0.4 | 29 | 30 | E | 46 | E |
| 3/10/2008 | -2.2 | -17.8 | -10 | 28 | 0 | 0 | 0 | 0 | 28 | 0 | | 0 | |
| 3/11/2008 | 1.5 | -19.6 | -9.1 | 27.1 | 0 | 0 | 1.2 | 1.2 | 26 | 23 | E | 39 | E |
| 3/12/2008 | 1.4 | -10.5 | -4.6 | 22.6 | 0 | 0 | 2 | 1.4 | 29 | 33 | E | 33 | E |

*Data Source: National Climate Data and Information Archive (www.climate.weatheroffice.ec.gc.ca)*

| | |
|---|---|
| *Station Name* | *TRENTON A* |
| *Province* | *ONTARIO* |
| *Latitude* | *44.12* |
| *Longitude* | *-77.53* |
| *Elevation* | *86.3* |
| *Climate Identifier* | *6158875* |
| *WMO Identifier* | *71621* |
| *TC Identifier* | *YTR* |

*Legend*

| | | | |
|---|---|---|---|
| *[Empty]* | *No Data Available* | *F* | *Accumulated and Estimated* |
| *M* | *Missing* | *N* | *Temperature Missing but Known to be > 0* |
| *E* | *Estimated* | *Y* | *Temperature Missing but Known to be < 0* |
| *A* | *Accumulated* | *S* | *More Than One Occurrence* |
| *C* | *Precipitation Occurred; Amount Uncertain* | *T* | *Trace* |
| *L* | *Precipitation May or May Not Have Occurred* | *** | *Data for this day has undergone only preliminary quality checking.* |

| Date | Max Temp (°C) | Min Temp (°C) | Mean Temp (°C) | Heat Deg Days (°C) | Cool Deg Days (°C) | Total Rain (mm) | Total Snow (cm) | Total Precip (mm) | Snow on Grnd (cm) | Dir of Max Gust (10's Deg) | Dir of Max Gust | Spd of Max Gust (km/h) | Dir of Max Gust |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/13/2008 | -3.1 | -12.5 | -7.8 | 25.8 | 0 | 0 | 1.8 | 1.8 | 28 | 8 | E | 35 | E |
| 3/14/2008 | 6.5 | -9 | -1.3 | 19.3 | 0 | 0.6 | 0 | 0.6 | 24 | 0 | | 0 | |
| 3/15/2008 | 6.4 | -3.1 | 1.7 | 16.3 | 0 | 0 | 0 | 0 | 21 | 0 | | 0 | |
| 3/16/2008 | 2.4 | -5.2 | -1.4 | 19.4 | 0 | 0 | 0 | 0 | 15 | 0 | | 0 | |
| 3/17/2008 | -0.2 | -13.5 | -6.9 | 24.9 | 0 | 0 | 0 | 0 | 15 | 0 | | 0 | |
| 3/18/2008 | 4 | -8.6 | -2.3 | 20.3 | 0 | 6.8 | 0.2 | 7 | 14 | 16 | E | 33 | E |
| 3/19/2008 | 3.8 | 2 | 2.9 | 15.1 | 0 | 12.6 | 0 | 12.6 | 9 | 0 | | 0 | |
| 3/20/2008 | 3.4 | -4.5 | -0.6 | 18.6 | 0 | 0 | 0 | 0 | 8 | 30 | E | 54 | E |
| 3/21/2008 | -1.2 | -8.5 | -4.9 | 22.9 | 0 | 0 | 0 | 0 | 7 | 27 | E | 39 | E |
| 3/22/2008 | 1.5 | -11.4 | -5 | 23 | 0 | 0 | 0 | 0 | 7 | 28 | E | 32 | E |
| 3/23/2008 | -1.6 | -10.3 | -6 | 24 | 0 | 0 | 0 | 0 | 6 | 0 | | 0 | |
| 3/24/2008 | -1.4 | -10.8 | -6.1 | 24.1 | 0 | 0 | 2 | 1.6 | 7 | 0 | | 0 | |
| 3/25/2008 | 3.5 | -14 | -5.3 | 23.3 | 0 | 0 | 6.4 | 9.6 | 7 | 21 | E | 57 | E |
| 3/26/2008 | 4 | -2.5 | 0.8 | 17.2 | 0 | 0 | 0 | 0 | 10 | 27 | E | 50 | E |
| 3/27/2008 | 4.5 | -1.5 | 1.5 | 16.5 | 0 | 0 | 0 | 0 | 8 | 0 | | 0 | |
| 3/28/2008 | 4.5 | -3.8 | 0.4 | 17.6 | 0 | 0 | T | T | 6 | 29 | E | 33 | E |
| 3/29/2008 | -1.2 | -9.5 | -5.4 | 23.4 | 0 | 0 | 0 | 0 | 5 | 0 | | 0 | |
| 3/30/2008 | 4.1 | -12.1 | -4 | 22 | 0 | 0 | T | T | 4 | 0 | | 0 | |
| 3/31/2008 | 6.8 | 1.1 | 4 | 14 | 0 | 13 | T | 13 | 3 | 0 | | 0 | |
| 4/1/2008 | 13 | -3 | 5 | 13 | 0 | 3 | T | 3 | 2 | 27 | E | 72 | E |
| 4/2/2008 | 3.1 | -5.5 | -1.2 | 19.2 | 0 | 0 | 0 | 0 | 1 | 26 | E | 39 | E |
| 4/3/2008 | 10.1 | -6.1 | 2 | 16 | 0 | 0 | 0 | 0 | 1 | 0 | | 0 | |
| 4/4/2008 | 4.4 | 0.5 | 2.5 | 15.5 | 0 | 11.6 | T | 11.6 | 1 | 0 | | 0 | |
| 4/5/2008 | 9.8 | -1.1 | 4.4 | 13.6 | 0 | 0 | 0 | 0 | T | 0 | | 0 | |
| 4/6/2008 | 15 | -3.2 | 5.9 | 12.1 | 0 | 0 | 0 | 0 | T | 0 | | 0 | |
| 4/7/2008 | 13.2 | 2.8 | 8 | 10 | 0 | 0 | 0 | 0 | T | 14 | E | 37 | E |
| 4/8/2008 | 14.9 | 5.3 | 10.1 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 4/9/2008 | 14.4 | 4.7 | 9.6 | 8.4 | 0 | 0.4 | 0 | 0.4 | 0 | 22 | E | 37 | E |
| 4/10/2008 | 11.1 | 1.4 | 6.3 | 11.7 | 0 | 0 | 0 | 0 | 0 | 28 | E | 39 | E |
| 4/11/2008 | 4.9 | 0.8 | 2.9 | 15.1 | 0 | 25.8 | 0 | 25.8 | 0 | 8 | E | 37 | E |
| 4/12/2008 | 6.6 | 1.2 | 3.9 | 14.1 | 0 | 4 | 0 | 4 | 0 | 0 | | 0 | |
| 4/13/2008 | 7.9 | -0.3 | 3.8 | 14.2 | 0 | T | T | T | 0 | 0 | | 0 | |
| 4/14/2008 | 11.5 | 1.6 | 6.6 | 11.4 | 0 | 0 | 0 | 0 | 0 | 36 | E | 33 | E |
| 4/15/2008 | 10.6 | -1 | 4.8 | 13.2 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 4/16/2008 | 14.7 | 2 | 8.4 | 9.6 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 4/17/2008 | 20.5 | -1.1 | 9.7 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |

*Data Source: National Climate Data and Information Archive (www.climate.weatheroffice.ec.gc.ca)*

| | |
|---|---|
| *Station Name* | *TRENTON A* |
| *Province* | *ONTARIO* |
| *Latitude* | *44.12* |
| *Longitude* | *-77.53* |
| *Elevation* | *86.3* |
| *Climate Identifier* | *6158875* |
| *WMO Identifier* | *71621* |
| *TC Identifier* | *YTR* |

*Legend*

| | | | |
|---|---|---|---|
| *[Empty]* | *No Data Available* | *F* | *Accumulated and Estimated* |
| *M* | *Missing* | *N* | *Temperature Missing but Known to be > 0* |
| *E* | *Estimated* | *Y* | *Temperature Missing but Known to be < 0* |
| *A* | *Accumulated* | *S* | *More Than One Occurrence* |
| *C* | *Precipitation Occurred; Amount Uncertain* | *T* | *Trace* |
| *L* | *Precipitation May or May Not Have Occurred* | *** | *Data for this day has undergone only preliminary quality checking.* |

| Date | Max Temp (°C) | Min Temp (°C) | Mean Temp (°C) | Heat Deg Days (°C) | Cool Deg Days (°C) | Total Rain (mm) | Total Snow (cm) | Total Precip (mm) | Snow on Grnd (cm) | Dir of Max Gust (10's Deg) | Dir of Max Gust | Spd of Max Gust (km/h) | Dir of Max Gust |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2008 | 23 | 4 | 13.5 | 4.5 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 4/19/2008 | 26.8 | 4.9 | 15.9 | 2.1 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 4/20/2008 | 24.7 | 9.5 | 17.1 | 0.9 | 0 | 0 | 0 | 0 | 0 | 16 | E | 35 | E |
| 4/21/2008 | 22.8 | 8 | 15.4 | 2.6 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 4/22/2008 | 23.1 | 7.1 | 15.1 | 2.9 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 4/23/2008 | 22 | 9.5 | 15.8 | 2.2 | 0 | 2.2 | 0 | 2.2 | 0 | 30 | E | 33 | E |
| 4/24/2008 | 19.2 | 4 | 11.6 | 6.4 | 0 | 0 | 0 | 0 | 0 | 21 | E | 32 | E |
| 4/25/2008 | 20 | 2.3 | 11.2 | 6.8 | 0 | T | 0 | T | 0 | 0 | | 0 | |
| 4/26/2008 | 24.8 | 9.6 | 17.2 | 0.8 | 0 | 0.8 | 0 | 0.8 | 0 | 21 | E | 32 | E |
| 4/27/2008 | 16.5 | 3.7 | 10.1 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 4/28/2008 | 11.5 | 3.8 | 7.7 | 10.3 | 0 | 30.6 | 0 | 30.6 | 0 | 0 | | 0 | |
| 4/29/2008 | 11.8 | 1.1 | 6.5 | 11.5 | 0 | 0 | 0 | 0 | 0 | 27 | E | 44 | E |
| 4/30/2008 | 8.8 | -0.7 | 4.1 | 13.9 | 0 | 0.2 | 0.2 | 0.4 | 0 | 25 | E | 50 | E |
| 5/1/2008 | 14.6 | -2.1 | 6.3 | 11.7 | 0 | 0.8 | 0 | 0.8 | 0 | 0 | | 0 | |
| 5/2/2008 | 11.2 | 6.5 | 8.9 | 9.1 | 0 | 10.1 | 0 | 10.1 | 0 | 7 | E | 32 | E |
| 5/3/2008 | 17.3 | 8.5 | 12.9 | 5.1 | 0 | 30.6 | 0 | 30.6 | 0 | 28 | E | 52 | E |
| 5/4/2008 | 13.8 | 3.9 | 8.9 | 9.1 | 0 | 1.6 | 0 | 1.6 | 0 | 22 | E | 44 | E |
| 5/5/2008 | 17.2 | -0.2 | 8.5 | 9.5 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 5/6/2008 | 17.3 | 5 | 11.2 | 6.8 | 0 | 0 | 0 | 0 | 0 | 29 | E | 37 | E |
| 5/7/2008 | 17.9 | 3 | 10.5 | 7.5 | 0 | 10.4 | 0 | 10.4 | 0 | 0 | | 0 | |
| 5/8/2008 | 15.4 | 5 | 10.2 | 7.8 | 0 | 0 | 0 | 0 | 0 | 30 | E | 35 | E |
| 5/9/2008 | 17.1 | 3.8 | 10.5 | 7.5 | 0 | 0 | 0 | 0 | 0 | 9 | E | 32 | E |
| 5/10/2008 | 20.1 | 7 | 13.6 | 4.4 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 5/11/2008 | 20 | 3 | 11.5 | 6.5 | 0 | 0 | 0 | 0 | 0 | 11 | E | 44 | E |
| 5/12/2008 | 18 | 7.4 | 12.7 | 5.3 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 5/13/2008 | 19 | 5 | 12 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 5/14/2008 | 19.5 | 4 | 11.8 | 6.2 | 0 | 1.4 | 0 | 1.4 | 0 | 0 | | 0 | |
| 5/15/2008 | 18.2 | 6.8 | 12.5 | 5.5 | 0 | T | 0 | T | 0 | 0 | | 0 | |
| 5/16/2008 | 17.1 | 6.6 | 11.9 | 6.1 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 5/17/2008 | 17.3 | 7.6 | 12.5 | 5.5 | 0 | 1.2 | 0 | 1.2 | 0 | 22 | E | 48 | E |
| 5/18/2008 | 13 | 5.4 | 9.2 | 8.8 | 0 | 0.6 | 0 | 0.6 | 0 | 23 | E | 33 | E |
| 5/19/2008 | 13 | 5 | 9 | 9 | 0 | T | 0 | T | 0 | 27 | E | 46 | E |
| 5/20/2008 | 15.4 | 5 | 10.2 | 7.8 | 0 | T | 0 | T | 0 | 20 | E | 37 | E |
| 5/21/2008 | 10.7 | 4.8 | 7.8 | 10.2 | 0 | 1.2 | 0 | 1.2 | 0 | 25 | E | 35 | E |
| 5/22/2008 | 16.5 | 4.8 | 10.7 | 7.3 | 0 | 2 | 0 | 2 | 0 | 29 | E | 56 | E |
| 5/23/2008 | 20.4 | 6.4 | 13.4 | 4.6 | 0 | 0 | 0 | 0 | 0 | 31 | E | 32 | E |

*Data Source: National Climate Data and Information Archive (www.climate.weatheroffice.ec.gc.ca)*

| | |
|---|---|
| *Station Name* | *TRENTON A* |
| *Province* | *ONTARIO* |
| *Latitude* | *44.12* |
| *Longitude* | *-77.53* |
| *Elevation* | *86.3* |
| *Climate Identifier* | *6158875* |
| *WMO Identifier* | *71621* |
| *TC Identifier* | *YTR* |

*Legend*

| | | | |
|---|---|---|---|
| *[Empty]* | *No Data Available* | *F* | *Accumulated and Estimated* |
| *M* | *Missing* | *N* | *Temperature Missing but Known to be > 0* |
| *E* | *Estimated* | *Y* | *Temperature Missing but Known to be < 0* |
| *A* | *Accumulated* | *S* | *More Than One Occurrence* |
| *C* | *Precipitation Occurred; Amount Uncertain* | *T* | *Trace* |
| *L* | *Precipitation May or May Not Have Occurred* | *** | *Data for this day has undergone only preliminary quality checking.* |

| Date | Max Temp (°C) | Min Temp (°C) | Mean Temp (°C) | Heat Deg Days (°C) | Cool Deg Days (°C) | Total Rain (mm) | Total Snow (cm) | Total Precip (mm) | Snow on Grnd (cm) | Dir of Max Gust (10's Deg) | Dir of Max Gust | Spd of Max Gust (km/h) | Dir of Max Gust |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5/24/2008 | 21.9 | 8.3 | 15.1 | 2.9 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 5/25/2008 | 21.2 | 7.9 | 14.6 | 3.4 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 5/26/2008 | 21.2 | 12 | 16.6 | 1.4 | 0 | 7.4 | 0 | 7.4 | 0 | 24 | E | 48 | E |
| 5/27/2008 | 17 | 5.6 | 11.3 | 6.7 | 0 | 0 | 0 | 0 | 0 | 33 | E | 33 | E |
| 5/28/2008 | 14.8 | 3.4 | 9.1 | 8.9 | 0 | 0 | 0 | 0 | 0 | 20 | E | 33 | E |
| 5/29/2008 | 22.4 | 4.4 | 13.4 | 4.6 | 0 | 0 | 0 | 0 | 0 | 22 | E | 39 | E |
| 5/30/2008 | 20.7 | 5.9 | 13.3 | 4.7 | 0 | 0.6 | 0 | 0.6 | 0 | 0 | | 0 | |
| 5/31/2008 | 23 | 12.3 | 17.7 | 0.3 | 0 | 47.2 | 0 | 47.2 | 0 | 21 | E | 37 | E |
| 6/1/2008 | 18.4 | 11.1 | 14.8 | 3.2 | 0 | 0 | 0 | 0 | 0 | 27 | E | 37 | E |
| 6/2/2008 | 24.2 | 9.9 | 17.1 | 0.9 | 0 | 0.7 | 0 | 0.7 | 0 | 29 | E | 39 | E |
| 6/3/2008 | 16.3 | 13.4 | 14.9 | 3.1 | 0 | 9.2 | 0 | 9.2 | 0 | 25 | E | 33 | E |
| 6/4/2008 | 19.3 | 13.8 | 16.6 | 1.4 | 0 | 0.4 | 0 | 0.4 | 0 | 0 | | 0 | |
| 6/5/2008 | 24.9 | 13 | 19 | 0 | 1 | 15.6 | 0 | 15.6 | 0 | 2 | E | 44 | E |
| 6/6/2008 | 30 | 16.8 | 23.4 | 0 | 5.4 | 3.8 | 0 | 3.8 | 0 | 0 | | 0 | |
| 6/7/2008 | 29.3 | 18.1 | 23.7 | 0 | 5.7 | 0 | 0 | 0 | 0 | 23 | E | 37 | E |
| 6/8/2008 | 30.5 | 17.3 | 23.9 | 0 | 5.9 | 0 | 0 | 0 | 0 | 21 | E | 33 | E |
| 6/9/2008 | 30.5 | 18 | 24.3 | 0 | 6.3 | T | 0 | T | 0 | 22 | E | 32 | E |
| 6/10/2008 | 25.7 | 14.4 | 20.1 | 0 | 2.1 | 1.2 | 0 | 1.2 | 0 | 23 | E | 44 | E |
| 6/11/2008 | 26.1 | 13.9 | 20 | 0 | 2 | 0 | 0 | 0 | 0 | 30 | E | 35 | E |
| 6/12/2008 | 22.6 | 10.9 | 16.8 | 1.2 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 6/13/2008 | 29.3 | 12.1 | 20.7 | 0 | 2.7 | 0.4 | 0 | 0.4 | 0 | 0 | | 0 | |
| 6/14/2008 | 25.9 | 15.7 | 20.8 | 0 | 2.8 | 0.4 | 0 | 0.4 | 0 | 0 | | 0 | |
| 6/15/2008 | 27.2 | 13 | 20.1 | 0 | 2.1 | 2.2 | 0 | 2.2 | 0 | 27 | E | 54 | E |
| 6/16/2008 | 24.3 | 14.1 | 19.2 | 0 | 1.2 | 0 | 0 | 0 | 0 | 30 | E | 32 | E |
| 6/17/2008 | 19.1 | 12 | 15.6 | 2.4 | 0 | 0.2 | 0 | 0.2 | 0 | 23 | E | 39 | E |
| 6/18/2008 | 18 | 10.9 | 14.5 | 3.5 | 0 | 1.4 | 0 | 1.4 | 0 | 21 | E | 32 | E |
| 6/19/2008 | 18.9 | 12.9 | 15.9 | 2.1 | 0 | T | 0 | T | 0 | 0 | | 0 | |
| 6/20/2008 | 20.5 | 13.2 | 16.9 | 1.1 | 0 | T | 0 | T | 0 | 0 | | 0 | |
| 6/21/2008 | 24.7 | 10 | 17.4 | 0.6 | 0 | 1.8 | 0 | 1.8 | 0 | 23 | E | 39 | E |
| 6/22/2008 | 22.9 | 14.8 | 18.9 | 0 | 0.9 | 0.4 | 0 | 0.4 | 0 | 0 | | 0 | |
| 6/23/2008 | 24 | 14.1 | 19.1 | 0 | 1.1 | 0.6 | 0 | 0.6 | 0 | 21 | E | 33 | E |
| 6/24/2008 | 26.5 | 13.8 | 20.2 | 0 | 2.2 | T | 0 | T | 0 | 0 | | 0 | |
| 6/25/2008 | 26.1 | 11.4 | 18.8 | 0 | 0.8 | 0 | 0 | 0 | 0 | 22 | E | 33 | E |
| 6/26/2008 | 27 | 17.6 | 22.3 | 0 | 4.3 | 2 | 0 | 2 | 0 | 21 | E | 35 | E |
| 6/27/2008 | 25.8 | 17.8 | 21.8 | 0 | 3.8 | 4.2 | 0 | 4.2 | 0 | 0 | | 0 | |
| 6/28/2008 | 26.1 | 17.2 | 21.7 | 0 | 3.7 | 18.6 | 0 | 18.6 | 0 | 24 | E | 33 | E |

*Data Source: National Climate Data and Information Archive (www.climate.weatheroffice.ec.gc.ca)*

| | |
|---|---|
| *Station Name* | *TRENTON A* |
| *Province* | *ONTARIO* |
| *Latitude* | *44.12* |
| *Longitude* | *-77.53* |
| *Elevation* | *86.3* |
| *Climate Identifier* | *6158875* |
| *WMO Identifier* | *71621* |
| *TC Identifier* | *YTR* |

*Legend*

| | | | |
|---|---|---|---|
| *[Empty]* | *No Data Available* | *F* | *Accumulated and Estimated* |
| *M* | *Missing* | *N* | *Temperature Missing but Known to be > 0* |
| *E* | *Estimated* | *Y* | *Temperature Missing but Known to be < 0* |
| *A* | *Accumulated* | *S* | *More Than One Occurrence* |
| *C* | *Precipitation Occurred; Amount Uncertain* | *T* | *Trace* |
| *L* | *Precipitation May or May Not Have Occurred* | *** | *Data for this day has undergone only preliminary quality checking.* |

| Date | Max Temp (°C) | Min Temp (°C) | Mean Temp (°C) | Heat Deg Days (°C) | Cool Deg Days (°C) | Total Rain (mm) | Total Snow (cm) | Total Precip (mm) | Snow on Grnd (cm) | Dir of Max Gust (10's Deg) | Dir of Max Gust | Spd of Max Gust (km/h) | Dir of Max Gust |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/29/2008 | 24.9 | 15.6 | 20.3 | 0 | 2.3 | 19.4 | 0 | 19.4 | 0 | 28 | E | 57 | E |
| 6/30/2008 | 23.3 | 12.5 | 17.9 | 0.1 | 0 | T | 0 | T | 0 | 29 | E | 33 | E |
| 7/1/2008 | 24.5 | 13.5 | 19 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 7/2/2008 | 26.3 | 16 | 21.2 | 0 | 3.2 | 0.4 | 0 | 0.4 | 0 | 20 | E | 35 | E |
| 7/3/2008 | 22.4 | 11.8 | 17.1 | 0.9 | 0 | 1 | 0 | 1 | 0 | 23 | E | 46 | E |
| 7/4/2008 | 23.9 | 11.4 | 17.7 | 0.3 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 7/5/2008 | 24.5 | 11.7 | 18.1 | 0 | 0.1 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 7/6/2008 | 27.8 | 9.8 | 18.8 | 0 | 0.8 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 7/7/2008 | 28.6 | 16.3 | 22.5 | 0 | 4.5 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 7/8/2008 | 29.8 | 17.2 | 23.5 | 0 | 5.5 | 1 | 0 | 1 | 0 | 23 | E | 35 | E |
| 7/9/2008 | 27.9 | 16.3 | 22.1 | 0 | 4.1 | 1.6 | 0 | 1.6 | 0 | 29 | E | 46 | E |
| 7/10/2008 | 25.7 | 14.4 | 20.1 | 0 | 2.1 | 0 | 0 | 0 | 0 | 20 | E | 33 | E |
| 7/11/2008 | 24.2 | 14.5 | 19.4 | 0 | 1.4 | 6.2 | 0 | 6.2 | 0 | 0 | | 0 | |
| 7/12/2008 | 28.5 | 14 | 21.3 | 0 | 3.3 | 9.4 | 0 | 9.4 | 0 | 22 | E | 57 | E |
| 7/13/2008 | 24.5 | 17 | 20.8 | 0 | 2.8 | 4.2 | 0 | 4.2 | 0 | 22 | E | 33 | E |
| 7/14/2008 | 24 | 14.4 | 19.2 | 0 | 1.2 | T | 0 | T | 0 | 25 | E | 41 | E |
| 7/15/2008 | 23.8 | 12.5 | 18.2 | 0 | 0.2 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 7/16/2008 | 29.4 | 15 | 22.2 | 0 | 4.2 | 2.4 | 0 | 2.4 | 0 | 0 | | 0 | |
| 7/17/2008 | 28 | 16 | 22 | 0 | 4 | T | 0 | T | 0 | 0 | | 0 | |
| 7/18/2008 | 28.1 | 19.5 | 23.8 | 0 | 5.8 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 7/19/2008 | 28.4 | 20.4 | 24.4 | 0 | 6.4 | 0.2 | 0 | 0.2 | 0 | 0 | | 0 | |
| 7/20/2008 | 23.5 | 18.9 | 21.2 | 0 | 3.2 | 8.8 | 0 | 8.8 | 0 | 0 | | 0 | |
| 7/21/2008 | 24.4 | 15.5 | 20 | 0 | 2 | 26.8 | 0 | 26.8 | 0 | 3 | E | 50 | E |
| 7/22/2008 | 26 | 15.1 | 20.6 | 0 | 2.6 | 0.4 | 0 | 0.4 | 0 | 0 | | 0 | |
| 7/23/2008 | 25.7 | 17.1 | 21.4 | 0 | 3.4 | 3.6 | 0 | 3.6 | 0 | 0 | | 0 | |
| 7/24/2008 | 23.9 | 16.8 | 20.4 | 0 | 2.4 | 3.2 | 0 | 3.2 | 0 | 26 | E | 37 | E |
| 7/25/2008 | 26.2 | 14.9 | 20.6 | 0 | 2.6 | 0 | 0 | 0 | 0 | 22 | E | 33 | E |
| 7/26/2008 | 22.8 | 16 | 19.4 | 0 | 1.4 | 25.7 | 0 | 25.7 | 0 | 21 | E | 32 | E |
| 7/27/2008 | 25.5 | 15.4 | 20.5 | 0 | 2.5 | 1.4 | 0 | 1.4 | 0 | 23 | E | 33 | E |
| 7/28/2008 | 26.1 | 15 | 20.6 | 0 | 2.6 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 7/29/2008 | 25 | 15.9 | 20.5 | 0 | 2.5 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 7/30/2008 | 25 | 14.7 | 19.9 | 0 | 1.9 | 5.4 | 0 | 5.4 | 0 | 0 | | 0 | |
| 7/31/2008 | 26.9 | 17.1 | 22 | 0 | 4 | 0 | 0 | 0 | 0 | 29 | E | 33 | E |
| 8/1/2008 | 26.4 | 17.4 | 21.9 | 0 | 3.9 | 0.6 | 0 | 0.6 | 0 | 22 | E | 32 | E |
| 8/2/2008 | 24.7 | 16.1 | 20.4 | 0 | 2.4 | 1.2 | 0 | 1.2 | 0 | 0 | | 0 | |
| 8/3/2008 | 24.3 | 15.6 | 20 | 0 | 2 | T | 0 | T | 0 | 0 | | 0 | |

*Data Source: National Climate Data and Information Archive (www.climate.weatheroffice.ec.gc.ca)*

| | |
|---|---|
| *Station Name* | *TRENTON A* |
| *Province* | *ONTARIO* |
| *Latitude* | *44.12* |
| *Longitude* | *-77.53* |
| *Elevation* | *86.3* |
| *Climate Identifier* | *6158875* |
| *WMO Identifier* | *71621* |
| *TC Identifier* | *YTR* |

*Legend*

| | | | |
|---|---|---|---|
| *[Empty]* | *No Data Available* | *F* | *Accumulated and Estimated* |
| *M* | *Missing* | *N* | *Temperature Missing but Known to be > 0* |
| *E* | *Estimated* | *Y* | *Temperature Missing but Known to be < 0* |
| *A* | *Accumulated* | *S* | *More Than One Occurrence* |
| *C* | *Precipitation Occurred; Amount Uncertain* | *T* | *Trace* |
| *L* | *Precipitation May or May Not Have Occurred* | *** | *Data for this day has undergone only preliminary quality checking.* |

| Date | Max Temp (°C) | Min Temp (°C) | Mean Temp (°C) | Heat Deg Days (°C) | Cool Deg Days (°C) | Total Rain (mm) | Total Snow (cm) | Total Precip (mm) | Snow on Grnd (cm) | Dir of Max Gust (10's Deg) | Dir of Max Gust | Spd of Max Gust (km/h) | Dir of Max Gust |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8/4/2008 | 25.3 | 15.9 | 20.6 | 0 | 2.6 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 8/5/2008 | 27.5 | 13.6 | 20.6 | 0 | 2.6 | 7 | 0 | 7 | 0 | 0 | | 0 | |
| 8/6/2008 | 27.6 | 18.1 | 22.9 | 0 | 4.9 | T | 0 | T | 0 | 0 | | 0 | |
| 8/7/2008 | 24.1 | 15.7 | 19.9 | 0 | 1.9 | 4.4 | 0 | 4.4 | 0 | 0 | | 0 | |
| 8/8/2008 | 23.1 | 14.9 | 19 | 0 | 1 | 7.6 | 0 | 7.6 | 0 | 30 | E | 56 | E |
| 8/9/2008 | 22.8 | 12.1 | 17.5 | 0.5 | 0 | 13 | 0 | 13 | 0 | 22 | E | 50 | E |
| 8/10/2008 | 22.3 | 13.3 | 17.8 | 0.2 | 0 | 2.6 | 0 | 2.6 | 0 | 0 | | 0 | |
| 8/11/2008 | 23.9 | 15.1 | 19.5 | 0 | 1.5 | 3.8 | 0 | 3.8 | 0 | 0 | | 0 | |
| 8/12/2008 | 24.1 | 13.7 | 18.9 | 0 | 0.9 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 8/13/2008 | 23 | 12 | 17.5 | 0.5 | 0 | 0.8 | 0 | 0.8 | 0 | 0 | | 0 | |
| 8/14/2008 | 24.4 | 11.6 | 18 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | | 0 | |
| 8/15/2008 | 23.4 | 13.3 | 18.4 | 0 | 0.4 | 28.2 | 0 | 28.2 | 0 | 29 | E | 39 | E |
| 8/16/2008 | 25.3 | 12.4 | 18.9 | 0 | 0.9 | 0 | 0 | 0 | 0 | 25 | E | 35 | E |
| 8/17/2008 | 25.4 | 15.8 | 20.6 | 0 | 2.6 | T | 0 | T | 0 | 23 | E | 32 | E |
| 8/18/2008 | 26.5 | 15.5 | 21 | 0 | 3 | 28.2 | 0 | 28.2 | 0 | 25 | E | 98 | E |
| 8/19/2008 | 21.4 | 10 | 15.7 | 2.3 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 8/20/2008 | 22.1 | 9.4 | 15.8 | 2.2 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 8/21/2008 | 24.4 | 9.4 | 16.9 | 1.1 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 8/22/2008 | 28 | 12.4 | 20.2 | 0 | 2.2 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 8/23/2008 | 26.6 | 17 | 21.8 | 0 | 3.8 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 8/24/2008 | 25.6 | 16.6 | 21.1 | 0 | 3.1 | 0.8 | 0 | 0.8 | 0 | 0 | | 0 | |
| 8/25/2008 | 21.2 | 11.2 | 16.2 | 1.8 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 8/26/2008 | 23.4 | 9.3 | 16.4 | 1.6 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 8/27/2008 | 23.8 | 8 | 15.9 | 2.1 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 8/28/2008 | 24.3 | 14.7 | 19.5 | 0 | 1.5 | 0.4 | 0 | 0.4 | 0 | 20 | E | 39 | E |
| 8/29/2008 | 21.1 | 17.7 | 19.4 | 0 | 1.4 | 9.8 | 0 | 9.8 | 0 | 18 | E | 39 | E |
| 8/30/2008 | 26.5 | 16 | 21.3 | 0 | 3.3 | T | 0 | T | 0 | 0 | | 0 | |
| 8/31/2008 | 26 | 12.8 | 19.4 | 0 | 1.4 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 9/1/2008 | 27.1 | 11.9 | 19.5 | 0 | 1.5 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 9/2/2008 | 28.8 | 12.5 | 20.7 | 0 | 2.7 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 9/3/2008 | 27.4 | 12.3 | 19.9 | 0 | 1.9 | T | 0 | T | 0 | 0 | | 0 | |
| 9/4/2008 | 26.1 | 18.3 | 22.2 | 0 | 4.2 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 9/5/2008 | 28.9 | 18 | 23.5 | 0 | 5.5 | 0.5 | 0 | 0.5 | 0 | 27 | E | 54 | E |
| 9/6/2008 | 19.1 | 14.4 | 16.8 | 1.2 | 0 | 10.6 | 0 | 10.6 | 0 | 0 | | 0 | |
| 9/7/2008 | 18.4 | 10.4 | 14.4 | 3.6 | 0 | 2.2 | 0 | 2.2 | 0 | 0 | | 0 | |
| 9/8/2008 | 22.5 | 11.9 | 17.2 | 0.8 | 0 | 0.5 | 0 | 0.5 | 0 | 24 | E | 46 | E |

*Data Source: National Climate Data and Information Archive (www.climate.weatheroffice.ec.gc.ca)*

| | |
|---|---|
| *Station Name* | *TRENTON A* |
| *Province* | *ONTARIO* |
| *Latitude* | *44.12* |
| *Longitude* | *-77.53* |
| *Elevation* | *86.3* |
| *Climate Identifier* | *6158875* |
| *WMO Identifier* | *71621* |
| *TC Identifier* | *YTR* |

*Legend*

| | | | |
|---|---|---|---|
| *[Empty]* | *No Data Available* | *F* | *Accumulated and Estimated* |
| *M* | *Missing* | *N* | *Temperature Missing but Known to be > 0* |
| *E* | *Estimated* | *Y* | *Temperature Missing but Known to be < 0* |
| *A* | *Accumulated* | *S* | *More Than One Occurrence* |
| *C* | *Precipitation Occurred; Amount Uncertain* | *T* | *Trace* |
| *L* | *Precipitation May or May Not Have Occurred* | *** | *Data for this day has undergone only preliminary quality checking.* |

| Date | Max Temp (°C) | Min Temp (°C) | Mean Temp (°C) | Heat Deg Days (°C) | Cool Deg Days (°C) | Total Rain (mm) | Total Snow (cm) | Total Precip (mm) | Snow on Grnd (cm) | Dir of Max Gust (10's Deg) | Dir of Max Gust | Spd of Max Gust (km/h) | Dir of Max Gust |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/9/2008 | 20 | 10.1 | 15.1 | 2.9 | 0 | 11.9 | 0 | 11.9 | 0 | 29 | E | 33 | E |
| 9/10/2008 | 19.7 | 6.5 | 13.1 | 4.9 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 9/11/2008 | 21.3 | 5 | 13.2 | 4.8 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 9/12/2008 | 21.5 | 18 | 19.8 | 0 | 1.8 | 15 | 0 | 15 | 0 | 0 | | 0 | |
| 9/13/2008 | 23.1 | 17 | 20.1 | 0 | 2.1 | 12.6 | 0 | 12.6 | 0 | 0 | | 0 | |
| 9/14/2008 | 27.2 | 19.6 | 23.4 | 0 | 5.4 | 11.6 | 0 | 11.6 | 0 | 23 | E | 67 | E |
| 9/15/2008 | 19.8 | 8.6 | 14.2 | 3.8 | 0 | 1.2 | 0 | 1.2 | 0 | 33 | E | 61 | E |
| 9/16/2008 | 18 | 6.9 | 12.5 | 5.5 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 9/17/2008 | 22.3 | 10.4 | 16.4 | 1.6 | 0 | 0 | 0 | 0 | 0 | 22 | E | 50 | E |
| 9/18/2008 | 17.2 | 5.5 | 11.4 | 6.6 | 0 | 0 | 0 | 0 | 0 | 2 | E | 32 | E |
| 9/19/2008 | 18.1 | 3.6 | 10.9 | 7.1 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 9/20/2008 | 20.8 | 8.2 | 14.5 | 3.5 | 0 | 0 | 0 | 0 | 0 | 22 | E | 35 | E |
| 9/21/2008 | 17.9 | 5.6 | 11.8 | 6.2 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 9/22/2008 | 18.4 | 3.3 | 10.9 | 7.1 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 9/23/2008 | 20.4 | 4.8 | 12.6 | 5.4 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 9/24/2008 | 22.9 | 6.6 | 14.8 | 3.2 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 9/25/2008 | 23.9 | 7.9 | 15.9 | 2.1 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 9/26/2008 | 21 | 7.6 | 14.3 | 3.7 | 0 | 0.6 | 0 | 0.6 | 0 | 0 | | 0 | |
| 9/27/2008 | 18.5 | 15 | 16.8 | 1.2 | 0 | 1.8 | 0 | 1.8 | 0 | 0 | | 0 | |
| 9/28/2008 | 20.4 | 11.4 | 15.9 | 2.1 | 0 | T | 0 | T | 0 | 35 | E | 32 | E |
| 9/29/2008 | 13 | 10.6 | 11.8 | 6.2 | 0 | T | 0 | T | 0 | 0 | | 0 | |
| 9/30/2008 | 17.1 | 8.2 | 12.7 | 5.3 | 0 | 6.4 | 0 | 6.4 | 0 | 28 | E | 37 | E |
| 10/1/2008 | 15.1 | 8.9 | 12 | 6 | 0 | 16.6 | 0 | 16.6 | 0 | 0 | | 0 | |
| 10/2/2008 | 13.5 | 5 | 9.3 | 8.7 | 0 | 0.2 | 0 | 0.2 | 0 | 28 | E | 41 | E |
| 10/3/2008 | 12.8 | 4.2 | 8.5 | 9.5 | 0 | T | 0 | 0 | 0 | 31 | E | 46 | E |
| 10/4/2008 | 14.9 | 4.3 | 9.6 | 8.4 | 0 | 0 | 0 | 0 | 0 | 29 | E | 33 | E |
| 10/5/2008 | 13.8 | 4.2 | 9 | 9 | 0 | T | 0 | T | 0 | 0 | | 0 | |
| 10/6/2008 | 13.5 | 1.6 | 7.6 | 10.4 | 0 | 0.2 | 0 | 0.2 | 0 | 0 | | 0 | |
| 10/7/2008 | 15.1 | 0.5 | 7.8 | 10.2 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 10/8/2008 | 15.8 | 1.9 | 8.9 | 9.1 | 0 | 8.5 | 0 | 8.5 | 0 | 23 | E | 37 | E |
| 10/9/2008 | 19.4 | 9.2 | 14.3 | 3.7 | 0 | 1.4 | 0 | 1.4 | 0 | 25 | E | 59 | E |
| 10/10/2008 | 18.2 | 4 | 11.1 | 6.9 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 10/11/2008 | 19.1 | 5 | 12.1 | 5.9 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 10/12/2008 | 22.2 | 4.2 | 13.2 | 4.8 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 10/13/2008 | 21.3 | 8.3 | 14.8 | 3.2 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 10/14/2008 | 20.5 | 7.8 | 14.2 | 3.8 | 0 | 0 | 0 | 0 | 0 | 25 | E | 52 | E |

*Data Source: National Climate Data and Information Archive (www.climate.weatheroffice.ec.gc.ca)*

| | |
|---|---|
| *Station Name* | *TRENTON A* |
| *Province* | *ONTARIO* |
| *Latitude* | *44.12* |
| *Longitude* | *-77.53* |
| *Elevation* | *86.3* |
| *Climate Identifier* | *6158875* |
| *WMO Identifier* | *71621* |
| *TC Identifier* | *YTR* |

*Legend*

| | | | |
|---|---|---|---|
| *[Empty]* | *No Data Available* | *F* | *Accumulated and Estimated* |
| *M* | *Missing* | *N* | *Temperature Missing but Known to be > 0* |
| *E* | *Estimated* | *Y* | *Temperature Missing but Known to be < 0* |
| *A* | *Accumulated* | *S* | *More Than One Occurrence* |
| *C* | *Precipitation Occurred; Amount Uncertain* | *T* | *Trace* |
| *L* | *Precipitation May or May Not Have Occurred* | *** | *Data for this day has undergone only preliminary quality checking.* |

| Date | Max Temp (°C) | Min Temp (°C) | Mean Temp (°C) | Heat Deg Days (°C) | Cool Deg Days (°C) | Total Rain (mm) | Total Snow (cm) | Total Precip (mm) | Snow on Grnd (cm) | Dir of Max Gust (10's Deg) | Dir of Max Gust | Spd of Max Gust (km/h) | Dir of Max Gust |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/15/2008 | 14.9 | 4.6 | 9.8 | 8.2 | 0 | 1 | 0 | 1 | 0 | 0 | | 0 | |
| 10/16/2008 | 15.2 | 4.3 | 9.8 | 8.2 | 0 | 3 | 0 | 3 | 0 | 31 | E | 39 | E |
| 10/17/2008 | 12.1 | 1.4 | 6.8 | 11.2 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 10/18/2008 | 12.4 | -1.5 | 5.5 | 12.5 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 10/19/2008 | 12.8 | -3.3 | 4.8 | 13.2 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 10/20/2008 | 12.8 | 1.1 | 7 | 11 | 0 | 3.8 | 0 | 3.8 | 0 | 0 | | 0 | |
| 10/21/2008 | 10.8 | 1.7 | 6.3 | 11.7 | 0 | 15.2 | 0 | 15.2 | 0 | 34 | E | 46 | E |
| 10/22/2008 | 5.7 | 1.6 | 3.7 | 14.3 | 0 | 0 | 0 | 0 | 0 | 4 | E | 32 | E |
| 10/23/2008 | 8.8 | -2 | 3.4 | 14.6 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 10/24/2008 | 11.4 | -2.9 | 4.3 | 13.7 | 0 | 0.5 | 0 | 0.5 | 0 | 14 | E | 32 | E |
| 10/25/2008 | 12.3 | 6.9 | 9.6 | 8.4 | 0 | 35 | 0 | 35 | 0 | 15 | E | 39 | E |
| 10/26/2008 | 13.1 | 4.4 | 8.8 | 9.2 | 0 | 1.5 | 0 | 1.5 | 0 | 24 | E | 69 | E |
| 10/27/2008 | 9.7 | 3.4 | 6.6 | 11.4 | 0 | 5.8 | 0 | 5.8 | 0 | 23 | E | 52 | E |
| 10/28/2008 | 5.5 | 1.5 | 3.5 | 14.5 | 0 | T | 0 | T | 0 | 33 | E | 57 | E |
| 10/29/2008 | 3.7 | -1.1 | 1.3 | 16.7 | 0 | 0 | 0 | 0 | 0 | 29 | E | 54 | E |
| 10/30/2008 | 7.7 | -3.4 | 2.2 | 15.8 | 0 | 0 | 0 | 0 | 0 | 22 | E | 32 | E |
| 10/31/2008 | 15.6 | 4.3 | 10 | 8 | 0 | 0 | 0 | 0 | 0 | 23 | E | 52 | E |
| 11/1/2008 | 8.5 | -2.5 | 3 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 11/2/2008 | 5.7 | -5.5 | 0.1 | 17.9 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 11/3/2008 | 12.9 | -1.7 | 5.6 | 12.4 | 0 | 2.8 | 0 | 2.8 | 0 | 0 | | 0 | |
| 11/4/2008 | 16.2 | 3.5 | 9.9 | 8.1 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 11/5/2008 | 15.3 | 1.3 | 8.3 | 9.7 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 11/6/2008 | 19.6 | 1.4 | 10.5 | 7.5 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 11/7/2008 | 18 | 4.6 | 11.3 | 6.7 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 11/8/2008 | 11.2 | 5.9 | 8.6 | 9.4 | 0 | 6 | 0 | 6 | 0 | 24 | E | 41 | E |
| 11/9/2008 | 8.5 | 2.6 | 5.6 | 12.4 | 0 | 0.2 | 0 | 0.2 | 0 | 25 | E | 41 | E |
| 11/10/2008 | 6 | 0.1 | 3.1 | 14.9 | 0 | T | 0 | T | 0 | 28 | E | 39 | E |
| 11/11/2008 | 5.6 | 0.9 | 3.3 | 14.7 | 0 | T | 0 | T | 0 | 0 | | 0 | |
| 11/12/2008 | 6.1 | 0.1 | 3.1 | 14.9 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 11/13/2008 | 10.9 | 1.6 | 6.3 | 11.7 | 0 | 9.6 | 0 | 9.6 | 0 | 17 | E | 37 | E |
| 11/14/2008 | 16.1 | 7.8 | 12 | 6 | 0 | 0 | 0 | 0 | 0 | 17 | E | 33 | E |
| 11/15/2008 | 11.6 | 5.8 | 8.7 | 9.3 | 0 | 21.2 | 0 | 21.2 | 0 | 0 | | 0 | |
| 11/16/2008 | 5.9 | -0.8 | 2.6 | 15.4 | 0 | 1.8 | T | 1.8 | 0 | 30 | E | 46 | E |
| 11/17/2008 | 2.3 | -3.5 | -0.6 | 18.6 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 11/18/2008 | 1 | -7.8 | -3.4 | 21.4 | 0 | 0 | 0.2 | 0.2 | 0 | 34 | E | 32 | E |
| 11/19/2008 | -0.7 | -9.2 | -5 | 23 | 0 | 0 | 1 | 1 | T | 0 | | 0 | |

*Data Source: National Climate Data and Information Archive (www.climate.weatheroffice.ec.gc.ca)*

| | |
|---|---|
| *Station Name* | *TRENTON A* |
| *Province* | *ONTARIO* |
| *Latitude* | *44.12* |
| *Longitude* | *-77.53* |
| *Elevation* | *86.3* |
| *Climate Identifier* | *6158875* |
| *WMO Identifier* | *71621* |
| *TC Identifier* | *YTR* |

*Legend*

| | | | |
|---|---|---|---|
| *[Empty]* | *No Data Available* | *F* | *Accumulated and Estimated* |
| *M* | *Missing* | *N* | *Temperature Missing but Known to be > 0* |
| *E* | *Estimated* | *Y* | *Temperature Missing but Known to be < 0* |
| *A* | *Accumulated* | *S* | *More Than One Occurrence* |
| *C* | *Precipitation Occurred; Amount Uncertain* | *T* | *Trace* |
| *L* | *Precipitation May or May Not Have Occurred* | *** | *Data for this day has undergone only preliminary quality checking.* |

| Date | Max Temp (°C) | Min Temp (°C) | Mean Temp (°C) | Heat Deg Days (°C) | Cool Deg Days (°C) | Total Rain (mm) | Total Snow (cm) | Total Precip (mm) | Snow on Grnd (cm) | Dir of Max Gust (10's Deg) | Dir of Max Gust | Spd of Max Gust (km/h) | Dir of Max Gust |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11/20/2008 | 0.3 | -7.8 | -3.8 | 21.8 | 0 | 0 | 1 | 1 | 1 | 0 | | 0 | |
| 11/21/2008 | -3.2 | -10 | -6.6 | 24.6 | 0 | 0 | 0 | 0 | T | 0 | | 0 | |
| 11/22/2008 | -3.6 | -11.8 | -7.7 | 25.7 | 0 | 0 | 0 | 0 | T | 0 | | 0 | |
| 11/23/2008 | 1.1 | -12 | -5.5 | 23.5 | 0 | 0 | 0 | 0 | T | 0 | | 0 | |
| 11/24/2008 | 5.4 | -4.7 | 0.4 | 17.6 | 0 | 9.2 | T | 9.2 | T | 14 | E | 33 | E |
| 11/25/2008 | 4 | 0.2 | 2.1 | 15.9 | 0 | 8.1 | 2.5 | 10.6 | 0 | 0 | | 0 | |
| 11/26/2008 | 0.9 | -0.3 | 0.3 | 17.7 | 0 | 0 | 1.4 | 1.4 | T | 26 | E | 32 | E |
| 11/27/2008 | 3.1 | -1.5 | 0.8 | 17.2 | 0 | T | 1 | 1 | 1 | 0 | | 0 | |
| 11/28/2008 | 4.5 | -0.6 | 2 | 16 | 0 | 2 | 0 | 2 | 0 | 25 | E | 35 | E |
| 11/29/2008 | 3.9 | -4.9 | -0.5 | 18.5 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 11/30/2008 | 3.8 | -4.8 | -0.5 | 18.5 | 0 | 9.6 | 1.6 | 11.2 | 0 | 0 | | 0 | |
| 12/1/2008 | 6 | 0.2 | 3.1 | 14.9 | 0 | 5.1 | 2.6 | 7.7 | 0 | 24 | E | 54 | E |
| 12/2/2008 | 2.8 | -0.8 | 1 | 17 | 0 | 0 | 0.2 | 0.2 | 0 | 24 | E | 44 | E |
| 12/3/2008 | 7 | 0.2 | 3.6 | 14.4 | 0 | T | T | T | 0 | 18 | E | 41 | E |
| 12/4/2008 | 6.8 | -2.8 | 2 | 16 | 0 | 2.2 | T | 2.2 | 0 | 27 | E | 48 | E |
| 12/5/2008 | -1 | -6.6 | -3.8 | 21.8 | 0 | 0 | 0.2 | 0.2 | 0 | 24 | E | 33 | E |
| 12/6/2008 | -1.2 | -5.6 | -3.4 | 21.4 | 0 | 0 | 7.8 | 6 | 2 | 21 | E | 41 | E |
| 12/7/2008 | 0.2 | -17.4 | -8.6 | 26.6 | 0 | 0 | 0.2 | 0.2 | 5 | 31 | E | 52 | E |
| 12/8/2008 | -5.8 | -19.9 | -12.9 | 30.9 | 0 | 0 | T | T | 2 | 0 | | 0 | |
| 12/9/2008 | 4.2 | -6.1 | -1 | 19 | 0 | 14.6 | 8 | 22.6 | 9 | 0 | | 0 | |
| 12/10/2008 | 3.2 | -12.4 | -4.6 | 22.6 | 0 | 5.2 | 0.6 | 5.8 | 1 | 0 | | 0 | |
| 12/11/2008 | -7 | -15.1 | -11.1 | 29.1 | 0 | 0 | 0 | 0 | 1 | 0 | | 0 | |
| 12/12/2008 | -1.8 | -14.9 | -8.4 | 26.4 | 0 | 0 | T | T | 1 | 32 | E | 32 | E |
| 12/13/2008 | 1.8 | -18.5 | -8.4 | 26.4 | 0 | 0 | T | T | 1 | 0 | | 0 | |
| 12/14/2008 | 5.7 | 0.5 | 3.1 | 14.9 | 0 | 1.2 | T | 1.2 | 1 | 20 | E | 35 | E |
| 12/15/2008 | 10.3 | -4.8 | 2.8 | 15.2 | 0 | 10.8 | 0 | 10.8 | 0 | 23 | E | 72 | E |
| 12/16/2008 | -2.1 | -7.7 | -4.9 | 22.9 | 0 | 0 | 2 | 1.6 | 0 | 0 | | 0 | |
| 12/17/2008 | 0.3 | -5 | -2.4 | 20.4 | 0 | 0 | 8 | 7.9 | 8 | 25 | E | 37 | E |
| 12/18/2008 | -0.8 | -13.8 | -7.3 | 25.3 | 0 | 0 | 0 | 0 | 8 | 0 | | 0 | |
| 12/19/2008 | -8 | -15.7 | -11.9 | 29.9 | 0 | 0 | 15 | 10.5 | 7 | 4 | E | 50 | E |
| 12/20/2008 | -12.4 | -20.4 | -16.4 | 34.4 | 0 | 0 | T | T | 25 | 0 | | 0 | |
| 12/21/2008 | -1.7 | -15.9 | -8.8 | 26.8 | 0 | 0 | 19.2 | 14.2 | 26 | 25 | E | 59 | E |
| 12/22/2008 | -9.3 | -16 | -12.7 | 30.7 | 0 | 0 | T | T | 35 | 26 | E | 39 | E |
| 12/23/2008 | -0.8 | -13.8 | -7.3 | 25.3 | 0 | 0 | 4.8 | 3.8 | 33 | 19 | E | 35 | E |
| 12/24/2008 | 7.8 | -2.3 | 2.8 | 15.2 | 0 | M | M | M | 38 | 3 | E | 67 | E |
| 12/25/2008 | 2.5 | -4.8 | -1.2 | 19.2 | 0 | 0 | 0 | 0 | M | 28 | E | 69 | E |

*Data Source: National Climate Data and Information Archive (www.climate.weatheroffice.ec.gc.ca)*

| | |
|---|---|
| *Station Name* | *TRENTON A* |
| *Province* | *ONTARIO* |
| *Latitude* | *44.12* |
| *Longitude* | *-77.53* |
| *Elevation* | *86.3* |
| *Climate Identifier* | *6158875* |
| *WMO Identifier* | *71621* |
| *TC Identifier* | *YTR* |

*Legend*

| | | | |
|---|---|---|---|
| *[Empty]* | *No Data Available* | *F* | *Accumulated and Estimated* |
| *M* | *Missing* | *N* | *Temperature Missing but Known to be > 0* |
| *E* | *Estimated* | *Y* | *Temperature Missing but Known to be < 0* |
| *A* | *Accumulated* | *S* | *More Than One Occurrence* |
| *C* | *Precipitation Occurred; Amount Uncertain* | *T* | *Trace* |
| *L* | *Precipitation May or May Not Have Occurred* | *** | *Data for this day has undergone only preliminary quality checking.* |

| Date | Max Temp (°C) | Min Temp (°C) | Mean Temp (°C) | Heat Deg Days (°C) | Cool Deg Days (°C) | Total Rain (mm) | Total Snow (cm) | Total Precip (mm) | Snow on Grnd (cm) | Dir of Max Gust (10's Deg) | Dir of Max Gust | Spd of Max Gust (km/h) | Dir of Max Gust |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12/26/2008 | 2.9 | -5.1 | -1.1 | 19.1 | 0 | T | 0.8 | 0.4 | M | 0 | | 0 | |
| 12/27/2008 | 10.6 | 2 | 6.3 | 11.7 | 0 | 16.2 | 0 | 16.2 | 10 | 0 | | 0 | |
| 12/28/2008 | 13.2 | 1.2 | 7.2 | 10.8 | 0 | 0.8 | 0 | 0.8 | 3 | 24 | E | 96 | E |
| 12/29/2008 | 4.4 | 0.5 | 2.5 | 15.5 | 0 | 0.8 | T | 0.8 | 0 | 26 | E | 69 | E |
| 12/30/2008 | 2.1 | -6.1 | -2 | 20 | 0 | 0 | T | T | 0 | 29 | E | 76 | E |
| 12/31/2008 | -5.4 | -15.8 | -10.6 | 28.6 | 0 | 0 | 0.8 | 0.8 | 1 | 2 | E | 44 | E |

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