

Semi-Annual Monitoring Report

**Hercules Incorporated
Hattiesburg, Mississippi**

**Prepared for:
Hercules Incorporated**

July 2010





July 9, 2010

Mr. William McKercher
Environmental Engineer
Office of Pollution Control
Mississippi Department of Environmental Quality (MDEQ)
P.O. Box 2261
Jackson, Mississippi 39225

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JUL 12 2010
Dept of Environmental Quality
Office of Pollution Control

**Re: 1st Semi-Annual 2010 Monitoring Report
Hercules Incorporated
Hattiesburg, Mississippi
ESI Project No. HER12029128**

Dear Mr. McKercher:

Eco-Systems, Inc. (Eco-Systems) is pleased to submit the enclosed two copies of the 1st Semi-Annual 2010 Monitoring Report prepared on behalf of Hercules, Incorporated. The report includes discussion of the May 2010 surface water and groundwater monitoring event.

If you have any questions or require additional information, please do not hesitate to call Mr. Timothy Hassett at (302) 995-3456 or Chris Waters (Eco-Systems) at (251) 342-0700.

Sincerely,

A. Chris Waters, RPG
Senior Scientist

cc: Timothy Hassett – Hercules Inc. w/ enclosure
C. S. Jordan – Hercules, Hattiesburg w/ enclosure

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1.0 INTRODUCTION

Hercules Incorporated (Hercules) commissioned Eco-Systems, Inc. (Eco-Systems) to conduct groundwater and surface water monitoring at the Hattiesburg, Mississippi facility. The site location is shown in **Figure 1**. The work is being conducted in accordance with the Corrective Action Plan Revision 01 (CAP) prepared by Groundwater & Environmental Services, Inc. (GES) dated January 20, 2005, which was approved by the Mississippi Department of Environmental Quality (MDEQ) in a letter dated January 25, 2005 and modified in a letter from MDEQ to Hercules dated August 18, 2006. The eight quarterly monitoring events specified in the CAP were completed in May 2007 and discussed in the second Annual Monitoring Report (Eco-Systems, August 2007). In accordance with the recommendation of the 2007 Annual Monitoring report, surface water and groundwater monitoring is being continued on a semi-annual basis.

This report describes sampling activities and analytical results for the 1st semi-annual monitoring event for 2010. During this event, water levels were measured at 23 monitoring wells and 13 piezometers, surface water samples were collected from six locations in Green's Creek, and groundwater samples were collected from 23 monitoring wells. As required by the CAP, as approved and modified, surface water and groundwater samples collected during monitoring events are being analyzed for Appendix IX volatile organic compounds (VOCs). The site layout, location of monitoring wells and piezometers, and Green's Creek are illustrated on **Figure 2**.

2.0 FIELD ACTIVITIES

Field activities conducted during this semi-annual sampling event include sample collection from 23 monitoring wells and 6 surface water monitoring locations. Groundwater and surface water samples were analyzed for Appendix IX VOC's.

2.1 GROUNDWATER SAMPLE COLLECTION

On May 10, 2010 Eco-Systems personnel collected groundwater levels from the 23 monitoring wells to be sampled during the monitoring event and from 13 piezometers at the site. A summary of the water level measurements obtained on May 10, 2010 is included as **Table 1**. A potentiometric surface map has been prepared from the May 10, 2010 groundwater elevations and is included as **Figure 3**.

Groundwater sample collection was conducted May 10 through 13, 2010. Prior to collecting groundwater samples, the monitoring wells were purged using traditional volume based methods. Purging was conducted until temperature, pH, specific conductance, and turbidity had stabilized. The water quality field parameters were measured with calibrated instruments and recorded in the field book along with the cumulative amount of water evacuated and time of batch parameter testing. Groundwater collection logs are attached as **Appendix A**.

Once field parameters stabilized, groundwater collected for analysis was sampled by collecting water directly into new sample containers supplied by the analytical laboratory. During the collection of field replicates that were collected for quality assurance and quality control (QA/QC), alternating aliquots were placed in each replicate bottle until each bottle was filled.

In general, the order of sampling was from least impacted to most impacted, based on historical data. Tubing used during purging and sampling was disposed of after use. Subsequent to sampling, sample containers were labeled, placed and sealed on ice and shipped to the designated offsite laboratory for analysis. Chain-of-custody documentation accompanied the sample cooler. Personnel involved in sampling used clean, disposable gloves, which were changed between each sample collection. All non-disposable sampling equipment was decontaminated as outlined in Section 2.4.

During this event, groundwater samples were collected from permanent monitoring wells MW-2 through MW-24. Groundwater samples were collected in new sample containers supplied by the analytical laboratories. Filled sample containers were placed on ice in coolers. Groundwater samples for VOC analyses were shipped via overnight courier to Test America Laboratories in Savannah, Georgia for analysis.

2.2 SURFACE WATER SAMPLE COLLECTION

On May 10, 2010, six surface water samples were collected from the previously established sampling points along Green's Creek, CM-00 through CM-05. Samples were collected beginning with the most downstream location, CM-05, and proceeding upstream to each successive sampling location. Surface water samples were collected directly into new sample containers that were supplied by the analytical laboratory. The filled sample containers were labeled, packed and shipped/delivered in the same manner as groundwater samples discussed in Section 2.1.

2.3 QUALITY ASSURANCE/QUALITY CONTROL

For quality assurance/quality control (QA/QC) purposes, three duplicate groundwater samples, four rinsate samples, one trip blank sample, and two matrix spike and matrix spike duplicate (MS/MSD) were collected during field sampling activities. The duplicate groundwater samples were collected in alternating aliquots that were placed in each replicate bottle until each bottle was filled. The rinsate samples were prepared by pouring deionized water over groundwater sampling tubing and collecting the rinsate into new disposable sample containers supplied by the analytical laboratory. QA/QC samples were labeled, stored and shipped in the same manner as groundwater and surface water samples. QA/QC samples were analyzed for the same constituents as groundwater and surface water samples.

2.4 DECONTAMINATION

In general, groundwater sampling equipment that would contact the groundwater sample was single-use, disposable equipment. For any re-usable groundwater sampling equipment decontamination was accomplished by the following procedure:

- 1) Phosphate-free, detergent wash.
- 2) Potable water rinse.
- 3) Deionized water rinse.
- 4) Isopropanol rinse.
- 5) Organic-free water rinse or air dry.

If it was necessary to store or transport decontaminated equipment, the decontaminated equipment was placed in either a new, disposable plastic bag or wrapped in aluminum foil.

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2.5 OTHER PROCEDURES

Procedures for sample collection, sample containerization and packing, sample shipment, cross-contamination control, drummed material disposal, field documentation, chain-of-custody, data review, and other work items not specifically covered in this document were conducted in accordance with the Environmental Investigations Standard Operating Procedures and Quality Assurance Manual (EPA Region IV, May, 2001), (EISOPQAM)

3.0 RESULTS

Groundwater and surface water samples collected from the Hercules site were analyzed for Appendix IX VOC's according to U.S. EPA Method 8260B. Laboratory analytical reports for the samples collected during this monitoring event are included in **Appendix B** and summarized in **Table 2** and **Table 3**.

3.1 GROUNDWATER ANALYTICAL RESULTS

Discussion presented in this section summarizes the analytical results for groundwater samples collected from monitoring wells MW-2 through MW-24 on May 11th, 12th, and 13th, 2010.

3.1.1 Volatile Organic Compounds

VOC's were not detected in groundwater samples collected from 14 of the 23 monitoring wells (MW-02, MW-03, MW-04, MW-5, MW-6, MW-07, MW-9, MW-10, MW-11, MW-12, MW-14, MW-15, MW-20, and MW-24).

Analysis of the groundwater sample collected from monitoring well MW-08 detected benzene, chlorobenzene, carbon tetrachloride, chloroform, 1,2-Dichloroethane (1,2-DCE), and methylene chloride at concentrations above their respective TRG's. Ethylbenzene was detected at concentrations below the TRG. A laboratory dilution factor of 10 resulted in elevated detection limits.

Analysis of the groundwater sample collected from monitoring well MW-13 detected benzene, chlorobenzene, carbon tetrachloride, and chloroform at concentrations above their respective TRG's. A laboratory dilution factor of 20 resulted in elevated detection limits.

Analysis of the groundwater sample collected from monitoring well MW-16 detected chloroform at concentrations above the TRG. Benzene and toluene were detected at concentrations below their respective TRG's.

Analysis of the groundwater sample collected from monitoring well MW-17 detected benzene, chlorobenzene, carbon tetrachloride, chloroform, toluene, and methylene chloride at concentrations above their respective TRG's. Toluene was detected below the TRG. A laboratory dilution factor of 100 resulted in elevated detection limits.

Analysis of the groundwater sample collected from monitoring well MW-19 detected benzene and chloroform at concentrations above their respective TRG's. 1,1-Dichloroethene (1,1-DCE), ethylbenzene, and toluene were detected at concentrations below their respective TRGs.

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Analysis of the groundwater sample collected from monitoring well MW-21 detected benzene, chlorobenzene, carbon tetrachloride, and toluene at concentrations above their respective TRG's. A laboratory dilution factor of 50 resulted in elevated detection limits.

Analysis of the groundwater sample collected from monitoring well MW-22 detected benzene at concentrations above the TRG. Chlorobenzene was detected below the TRG.

Analysis of the groundwater sample collected from monitoring well MW-23 detected benzene, chlorobenzene, chloroform, toluene, and methyl isobutyl ketone at concentrations above their respective TRG's. A laboratory dilution factor of 100 resulted in elevated detection limits.

3.2 SURFACE WATER ANALYTICAL RESULTS

Discussion presented in this section summarizes the analytical results for surface water samples collected from sampling locations CM-00 through CM-05 on May 10, 2010.

3.2.1 Volatile Organic Compounds

VOC's were not detected in surface water samples collected from any sample point location.

3.3 QA/QC SAMPLE ANALYTICAL RESULTS

Analytical reports for the QA/QC samples are included in **Appendix B** and summarized in **Table 3**.

Duplicate groundwater samples were collected from MW-05 (labeled FD01-51110) and MW-19 (labeled FD02-51210). Analysis of the duplicate groundwater sample collected from MW-05 and the original MW-05 indicated all constituents were below MDL. Analysis of the duplicate groundwater sample collected from MW-19 detected benzene and chloroform at concentrations above the TRG. Concentrations of carbon tetrachloride, chlorobenzene, 1,1-dichloroethene, ethylbenzene, and toluene were detected below their respective TRG's. Analysis of the duplicate groundwater samples collected from monitoring well MW-19 detected the similar concentrations of all parameters.

VOC's were not detected in the rinsate samples (RS02-051210 and RS03-051310). Toluene was detected slightly above the reportable limit in rinsate sample RS-01-051110. Toluene was not detected in the samples collected from MW-4 or MW-2 collected immediately prior to, and after the collection of rinsate sample RS-01-051110.

VOC's were not detected in either of the trip blanks.

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Review of the analytical reports for VOC's that were submitted by Test America indicates that, with the exception of chloroform, spike sample recoveries for the VOC's detected in site samples in the MS and MSD samples were within the acceptable recovery ranges. The MSD recovery for chloroform was 124%; the laboratory's upper control limit is 120%. Surrogate recoveries and laboratory control sample results were within established control limits.

As reported by Test America, all method blanks were non-detect for VOC's. Analyses were conducted within the 14 day holding time. Based on the information received and reviewed, the VOC analyses were conducted under controlled conditions and the data package is acceptable for use as reported, without qualification.

4.0 FINDINGS AND CONCLUSIONS

The findings and conclusions in this section are based on data obtained during the May 2010 monitoring event.

4.1 SLUDGE PITS

Groundwater monitoring in the sludge pit area is conducted using five monitoring wells. Monitoring wells MW-2 and MW-3 are located north of the sludge pits in historically up gradient positions. Monitoring wells MW-4, MW-10, and MW-11 are located south of the sludge pits in historically down gradient positions.

VOCs were not detected in samples collected from sludge pit area monitoring wells MW-2, MW-3, MW-4, MW-10, and MW-11. Based on current and historical analytical results, VOCs are not migrating from the sludge pits at concentrations above TRGs.

4.2 GREEN'S CREEK

VOCs were not detected in samples collected from any of the surface water monitoring locations during this monitoring event. Based on the current and historical analytical results, VOCs in excess of TRGs are not migrating from the site via Green's Creek.

4.3 FORMER LANDFILL

Groundwater monitoring of the former landfill area is conducted using five monitoring wells. Monitoring wells MW-8 and MW-13 are located south and east of the former landfill in historically up gradient positions. Monitoring wells MW-5, MW-6, and MW-12 are located north of the former landfill in historically down gradient positions.

In samples collected from the up gradient wells MW-8 and MW-13, concentrations of benzene, chlorobenzene, carbon tetrachloride, and chloroform persist at concentrations above TRGs. 1,2-Dichloroethane and methylene chloride were also detected above the TRG during this event. Ethylbenzene was detected in MW-8 at concentrations below the TRG.

No VOCs were detected in the samples collected from MW-5, MW-6, and MW-12. The lack of VOCs in groundwater samples in down gradient wells indicates that VOCs are not migrating from the landfill at concentrations above TRGs.

4.4 GROUNDWATER

Concentrations of benzene, chlorobenzene, carbon tetrachloride, and toluene above the TRG persist in samples collected from monitoring well MW-17, which is located in a

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suspected source area. Concentrations of these constituents have fluctuated, but remain generally stable. Toluene and methylene chloride were also detected in concentrations exceeding their respective TRG's.

Discussion of monitoring wells MW-8 and MW-13, which are near the suspected source area, is included in Section 4.3.

Concentrations of benzene have not been detected in samples collected from monitoring well MW-9 above the TRG since the November 2007 sampling event. All parameter concentrations in monitoring well MW-9 remain non-detect.

Chloroform was detected above the TRG in the May 2010 groundwater sample collected from MW-16. This is the first detection of chloroform in MW-16 since sampling began in August 2005. Benzene and toluene were detected during this event at concentrations below the TRG. All other parameters in monitoring well MW-16 remain non-detect.

4.5 EASTERN PLANT AREA

Monitoring wells MW-18 and MW-19, which are located east of plant buildings, were installed as part of the CAP, but potentiometric information has not indicated that these wells are part of the previously defined area of groundwater containing volatile organic constituents. Therefore, monitoring wells MW-18 and MW-19 are discussed separately.

Benzene and chlorobenzene were detected at concentrations below their respective TRG's in samples collected from monitoring well MW-18. All other parameters were detected at concentrations below their respective method detection limits.

Concentrations of benzene and chloroform above the TRG persist in samples collected from monitoring well MW-19. 1,1-dichloroethylene, ethylbenzene, and toluene were detected in samples collected from monitoring well MW-19 at concentrations below their respective TRG's during the May 2010 monitoring event.

4.6 IB BASIN

Monitoring wells MW-20, MW-21, MW-22, MW-23, and MW-24, which are located in the vicinity of the former IB Basin, were installed and initially sampled in September 2009 as part of a pre-closure investigation of the former IB Basin.

All parameters were detected at concentrations below their respective method detection limits in samples collected from monitoring wells MW-20 and MW-24.

Concentrations of benzene, chlorobenzene, carbon tetrachloride, chloroform, and toluene above their respective TRG's were detected in samples collected from monitoring well MW-21 and are consistent with concentrations detected during the September 2009

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sampling event. All remaining parameters were detected below the method detection limit.

Benzene was detected above the TRG in samples collected from monitoring Well MW-22 and is consistent with concentrations detected during the September 2009 sampling event. Chlorobenzene was detected below the TRG. All remaining parameters were detected below the method detection limit.

Concentrations of benzene, chlorobenzene, chloroform, toluene, and methyl isobutyl ketone were detected above their respective TRG's in samples collected from monitoring well MW-23 and are consistent with concentrations detected during the September 2009 sampling event. All remaining parameters were detected below the method detection limit.

5.0 RECOMMENDATIONS

Based on the findings and conclusions of the May 2010 monitoring event, Eco-Systems recommends discontinuing surface water monitoring of the five locations in Greens Creek. No CoCs have been detected since the November 2006 sampling event.

TABLES

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA
May 2010
Hercules, Incorporated
Hattiesburg, Mississippi

| WELL NO. | TOC ELEVATION (ft.) ¹ | WATER DEPTH (ft.) ² | GROUNDWATER ELEVATION (ft.) |
|--------------------------------|-------------------------------------|-----------------------------------|--------------------------------|
| PERMANENT MONITOR WELLS | | | |
| MW-1 | 174.12 | NA ³ | NA |
| MW-2 | 160.07 | 6.67 | 153.40 |
| MW-3 | 160.03 | 6.78 | 153.25 |
| MW-4 | 159.75 | 10.30 | 149.45 |
| MW-5 | 160.99 | 9.29 | 151.70 |
| MW-6 | 174.05 | 8.30 | 165.75 |
| MW-7 | 183.96 | 13.95 | 170.01 |
| MW-8 | 179.99 | 14.09 | 165.90 |
| MW-9 | 181.97 | 11.65 | 170.32 |
| MW-10 | 159.88 | 10.22 | 149.66 |
| MW-11 | 157.18 | 7.68 | 149.50 |
| MW-12 | 162.17 | 8.10 | 154.07 |
| MW-13 | 175.23 | 7.94 | 167.29 |
| MW-14 | 169.23 | 13.70 | 155.53 |
| MW-15 | 172.21 | 18.45 | 153.76 |
| MW-16 | 175.62 | 16.37 | 159.25 |
| MW-17 | 186.13 | 17.07 | 169.06 |
| MW-18 | 165.31 | 5.58 | 159.73 |
| MW-19 | 172.25 | 11.12 | 161.13 |
| MW-20 | 168.62 | 6.32 | 162.30 |
| MW-21 | 163.66 | 2.88 | 160.78 |
| MW-22 | 167.62 | 6.33 | 161.29 |
| MW-23 | 162.38 | 4.22 | 158.16 |
| MW-24 | 164.98 | 8.31 | 156.67 |
| PIEZOMETERS | | | |
| TP-1 | 172.18 | NA ³ | NA |
| TP-2 | 171.72 | 11.31 | 160.41 |
| TP-3 | 169.74 | 8.26 | 161.48 |
| TP-4 | 163.64 | 6.85 | 156.79 |
| TP-5 | 160.54 | NA ³ | NA |
| TP-6 | 158.63 | 7.57 | 151.06 |
| TP-7 | 167.17 | 8.82 | 158.35 |
| TP-8 | 183.79 | 14.03 | 169.76 |
| TP-9 | 163.44 | NA ³ | NA |
| TP-10 | 179.69 | 13.94 | 165.75 |
| TP-11 | 162.26 | 8.96 | 153.30 |
| TP-12 | 159.95 | 10.25 | 149.70 |
| TP-13 | 156.99 | 7.45 | 149.54 |
| TP-14 | 162.59 | 5.04 | 157.55 |
| TP-16 | 179.72 | 12.42 | 167.30 |
| TP-17 | 182.71 | 16.06 | 166.65 |

NOTES:

- 1- Elevations are in feet relative to mean sea level.
- 2 - Depth to water is in feet below top of casing. Staff gauge readings are in feet above the base of the staff.
- 3 - Data not available.

| Location | Date | | | | | | | | | | | | | | | | |
|----------|--------|---------|------------|---------------|----------------------|-------------|--------------------|--------------|--------------|-------------|----------------------|------------------------|------------------|--------------------|---------------------|------------------------|-----|
| | | Acetone | Benzene | Chlorobenzene | Carbon Tetrachloride | Chloroform | 1,2-Dichloroethane | Bromomethane | Chloroethane | Chloroform | Dibromochloromethane | cis-1,2-dichloroethane | isopropylbenzene | methylene chloride | methyl ethyl ketone | methyl isobutyl ketone | |
| CM-00 | Sep-03 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | |
| | Aug-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | < 5.0 | < 10.0 | < 10.0 | |
| | Nov-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | < 5.0 | < 10.0 | < 10.0 | |
| | Feb-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | < 5.0 | < 10.0 | < 10.0 | |
| | May-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | Aug-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | Nov-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | Feb-07 | 42 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | May-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | Nov-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | May-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | Nov-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | May-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| Dec-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | | |
| May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | | |
| CM-01 | Feb-03 | NA | 2.8 | < 10.0 | 3.03 | 2.34 | < 10.0 | 0 | < 10.0 | 20.5 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 13.0 | NA | NA |
| | Sep-03 | NA | < 1.0 | 6.6 | < 1.0 | < 1.0 | 1.71 | | < 5.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | NA | NA |
| | Aug-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | NA | < 5.0 | < 10.0 | < 10.0 | |
| | Nov-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | NA | < 5.0 | < 10.0 | < 10.0 | |
| | Feb-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | NA | < 5.0 | < 10.0 | < 10.0 | |
| | May-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | Aug-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | Nov-06 | 62 | 8.4 | 24.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | Feb-07 | 49 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | May-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | Nov-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | May-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | Nov-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| May-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | | |
| Dec-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | | |
| May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | | |
| CM-02 | Feb-03 | NA | 1.17 | < 10.0 | 1.5 | < 10.0 | < 10.0 | 0 | < 10.0 | 15.6 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 13.0 | NA | NA |
| | Aug-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | NA | < 5.0 | < 10.0 | < 10.0 | |
| | Nov-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | NA | < 5.0 | < 10.0 | < 10.0 | |
| | Feb-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | NA | < 5.0 | < 10.0 | < 10.0 | |
| | May-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | Aug-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | Nov-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | Feb-07 | 92 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | May-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | Nov-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | May-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | Nov-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| | May-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | |
| Dec-09 | 34 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | | |
| May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | | |
| TRG | | 608 | 5.0 | 100 | 5.0 | 0.155 | 5.0 | 58 | 8.52 | 3.64 | 1.43 | 0.126 | 70 | 679 | 5.0 | 1,910 | 139 |

Notes:
 NA = no analysis performed for the compound
 "<" indicates that the concentration of the analyte is less than the value shown.
 Results shown in bold indicate that the concentration exceeds the TRG.
 TRG = MDEQ Tier 1 Target Remedial Goals per the Final Regulations Governing Brownfield
 NE = TRG not yet established for the compound
 ND = non-detect / no detection limit available
 B = compound detected in the associated method blank
 J = estimated value
 * * * indicates that although the compound was not detected above the associated reporting limit

| Location | Date | Analytes | | | | | | | | | | | | | | | | |
|----------|--------|----------|---------|---------------|----------------------|------------|--------------------|--------------|--------------|---------------|----------------------|------------------------|------------------|--------------------|---------------------|------------------------|--------|--|
| | | Acetone | Benzene | Chlorobenzene | Carbon Tetrachloride | Chloroform | 1,2-Dichloroethane | Bromomethane | Chloroethane | Chloromethane | Dibromochloromethane | cis-1,2-dichloroethane | Isopropylbenzene | methylene chloride | methyl ethyl ketone | methyl isobutyl ketone | | |
| CM-03 | Feb-03 | NA | 3.7 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | NA | NA | |
| | Aug-05 | < 25 | 1.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | |
| | Nov-05 | < 25 | 1.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | |
| | Feb-06 | < 25 | 1.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | |
| | May-06 | < 25 | 1.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | |
| | Aug-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | |
| | Nov-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | |
| | Feb-07 | 63 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | |
| | May-07 | < 25 | 4.8 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | |
| | Nov-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | |
| | May-08 | < 25 | 1.9 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | |
| | Nov-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | |
| | May-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | |
| | Dec-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | |
| May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| CM-04 | Feb-03 | NA | 2.25 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 13.0 | NA | NA | |
| | Aug-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | Nov-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | Feb-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | May-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | Aug-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | Nov-06 | 31 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 1.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | 160.0 | < 10.0 | |
| | Feb-07 | 160 | 1.3 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | May-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | Nov-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | May-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | Nov-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | May-09 | < 25 | 4.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | Dec-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | | |
| CM-05 | Feb-03 | NA | 4.04 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 13.0 | NA | NA | | |
| | Aug-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | Nov-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | Feb-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | May-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | Aug-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | Nov-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | Feb-07 | < 25 | 2.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | May-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | Nov-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | May-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | Nov-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | May-09 | < 25 | 4.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| | Dec-09 | 47 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | |
| May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | | | |
| TRG | | 608 | 5.0 | 100 | 5.0 | 0.155 | 5.0 | 68 | 8.52 | 3.64 | 1.43 | 0.126 | 70 | 679 | 5.0 | 1,910 | 139 | |

Notes:
 NA = no analysis performed for the compound
 "<" indicates that the concentration of the analyte is less than the value shown.
 Results shown in bold indicate that the concentration exceeds the TRG.
 TRG = MDEQ Tier 1 Target Remedial Goals per the Final Regulations Governing Brownfields
 NE = TRG not yet established for the compound
 ND = non-detect / no detection limit available
 B = compound detected in the associated method blank
 J = estimated value
 *** indicates that although the compound was not detected above the associated reporting limit

| Location | Date | Analytes | | | | | | | | | | | | | | | |
|----------|--------|----------|---------|---------------|----------------------|------------|--------------------|--------------|--------------|---------------|----------------------|------------------------|------------------|--------------------|---------------------|------------------------|-----|
| | | Acetone | Benzene | Chlorobenzene | Carbon Tetrachloride | Chloroform | 1,2-Dichloroethane | Bromomethane | Chloroethane | Chloromethane | Dibromochloromethane | cis-1,2-dichloroethane | Isopropylbenzene | Methylene chloride | methyl ethyl ketone | methyl isobutyl ketone | |
| MW-02 | Aug-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | |
| | Nov-05 | 32 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Feb-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | May-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Aug-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Nov-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Feb-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | May-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Nov-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | May-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Nov-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | May-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Dec-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10 | < 10 | | | |
| MW-03 | Aug-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Nov-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Feb-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Feb-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | May-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Aug-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Nov-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | 7.5 | NA | < 5.0 | 54 | < 10.0 | | |
| | Feb-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10 | < 10.0 | | |
| | May-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10 | < 10.0 | | |
| | Nov-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | May-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Nov-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | May-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| Dec-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10 | < 10 | | | |
| MW-04 | Dec-02 | ND | 14.0 | 1.81 | 10.0 | ND | ND | ND | 63.0 | 1.72 | ND | ND | 1.26 | ND | NA | NA | |
| | Feb-03 | NA | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 12.0 | < 10.0 | < 10.0 | < 10.0 | < 13.0 | NA | NA | NA | |
| | Aug-03 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | NA | NA | NA | |
| | Aug-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Nov-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Feb-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | May-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | | |
| | Aug-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | | |
| | Nov-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | 3.6 | < 5.0 | < 10.0 | < 10.0 | | |
| | Feb-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 10.0 | < 10.0 | | |
| | May-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | | |
| | Nov-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | | |
| | May-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | | |
| Nov-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | | | |
| May-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | | | |
| Dec-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10.0 | < 10.0 | | | |
| May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | < 5.0 | < 10 | < 10 | | | |
| TRG | | 608 | 5.0 | 100 | 5.0 | 0.155 | 5.0 | 68 | 8.52 | 3.64 | 1.43 | 0.126 | 70 | 679 | 5.0 | 1,910 | 139 |

Notes:

- NA = no analysis performed for the compound
- "<" indicates that the concentration of the analyte is less than the value shown.
- Results shown in bold indicate that the concentration exceeds the TRG.
- TRG = MDEQ Tier 1 Target Remedial Goals per the Final Regulations Governing Brownfield
- NE = TRG not yet established for the compound
- ND = non-detect / no detection limit available
- B = compound detected in the associated method blank
- J = estimated value
- *** indicates that although the compound was not detected above the associated reporting limit

| Location | Date | VOCs | | | | | | Semi-VOCs | | | | | | Pesticides | | | | |
|----------|--------|---------|-------------|---------------|----------------------|------------|--------------------|--------------|--------------|---------------|--------------|-----------------------|------------------|--------------------|---------------------|------------------------|-----|--|
| | | Acetone | Benzene | Chlorobenzene | Carbon Tetrachloride | Chloroform | 1,2-Dichloroethane | Bromomethane | Chloroethane | Chloromethane | Dihaloethane | cb-1,2-dichloroethane | isopropylbenzene | methylene chloride | methyl ethyl ketone | methyl isobutyl ketone | | |
| MW-05 | Aug-05 | < 25 | < 1.0 | 1.3 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Nov-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Feb-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | May-06 | < 25 | < 1.0 | 1.8 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Aug-06 | < 25 | < 1.0 | 1.2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Nov-06 | 60 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Feb-07 | 52 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | May-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Nov-07 | < 25 | < 1.0 | 1.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | May-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Nov-08 | 85 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | May-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Dec-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10 | < 10 | | | | |
| MW-06 | Aug-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Nov-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Feb-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | May-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Aug-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Nov-06 | < 25 | 56.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Feb-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | May-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Nov-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | May-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Nov-08 | 490 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | May-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Dec-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10 | < 10 | | | | |
| MW-07 | Aug-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Nov-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Feb-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | May-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Aug-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Nov-06 | < 25 | 93.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10 | < 10.0 | | | |
| | Feb-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10 | < 10.0 | | | |
| | May-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10 | < 10.0 | | | |
| | Nov-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | May-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Nov-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | May-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| | Dec-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10 | < 10 | | | | |
| TRG | | 608 | 5.0 | 100 | 5.0 | 0.155 | 5.0 | 58 | 8.52 | 3.64 | 1.43 | 0.126 | 70 | 679 | 5.0 | 1,910 | 139 | |

Notes:
 NA = no analysis performed for the compound
 "<" indicates that the concentration of the analyte is less than the value shown.
 Results shown in bold indicate that the concentration exceeds the TRG.
 TRG = MDEQ Tier 1 Target Remedial Goals per the Final Regulations Governing Brownfields
 NE = TRG not yet established for the compound
 ND = non-detect / no detection limit available
 B = compound detected in the associated method blank
 J = estimated value
 " * " indicates that although the compound was not detected above the associated reporting limit

| Location | Date | MDEQ Tier 1 | | | | | | MDEQ Tier 2 | | | | | | | | |
|----------|--------|-------------|---------|---------------|----------------------|------------|--------------------|--------------|--------------|---------------|---------------------|------------------------|------------------|--------------------|---------------------|------------------------|
| | | Acetone | Benzene | Chlorobenzene | Carbon Tetrachloride | Chloroform | 1,2-Dichloroethane | Bromomethane | Chloroethane | Chloromethane | Dibromochloroethane | cis-1,2-dichloroethane | Isopropylbenzene | methylene chloride | methyl ethyl ketone | methyl isobutyl ketone |
| MW-08 | Dec-02 | ND | 6,900 | 290 | 16,000 | 1,800 | 20 | 4.07 | 66.0 | 39.2 | 4.45 | 19 | 4.6 | 26.1 | NA | NA |
| | Feb-03 | NA | < 500.0 | 230 | 12,000 | 1,300 | 79.8 | < 10.0 | 85.5 | 3.34 | < 10.0 | 17.5 | 4.35 | < 13.0 | NA | NA |
| | Aug-05 | < 6300 | 18,000 | < 250 | 3,500 | 510 | 500 | < 250 | < 250 | < 250 | NA | NA | NA | < 1,300 | < 10.0 | < 10.0 |
| | Nov-05 | < 2,500 | 17,000 | 160 | 1,000 | 260 | < 100 | < 100 | < 100 | < 100 | NA | NA | NA | < 500 | < 10.0 | < 10.0 |
| | Feb-06 | < 2,500 | 11,000 | 160 | 480 | 130 | < 100 | < 100 | < 100 | < 100 | NA | NA | NA | < 500 | < 10.0 | < 10.0 |
| | May-06 | < 630 | 11,000 | 170 | 2,200 | 280 | < 25 | < 25 | < 25 | < 25 | NA | 29 | NA | 380 | < 10.0 | < 10.0 |
| | Aug-06 | 750 | 15,000 | 220 | 640 | 450 | < 1.0 | < 1.0 | 3.8 | < 1.0 | NA | 34 | NA | 510 | < 10.0 | < 10.0 |
| | Nov-06 | < 2,500 | 13,000 | < 100 | 330 | < 100 | < 100 | < 100 | < 100 | < 100 | NA | < 100 | NA | < 500 | < 1,000 | < 1,000 |
| | Feb-07 | < 250 | 990 | 24 | 840 | 100 | < 10 | < 10 | < 10 | < 10 | NA | < 10 | NA | < 50 | < 100 | < 100 |
| | May-07 | < 2,500 | 9,600 | 220 | 6,100 | 890 | < 50 | < 50 | < 50 | < 50 | NA | < 50 | NA | < 250 | < 500 | < 500 |
| | Nov-07 | < 2,500 | 14,000 | < 100 | 370 | < 100 | < 100 | < 100 | < 100 | < 100 | NA | NA | NA | < 500 | < 10.0 | < 10.0 |
| | May-08 | < 2,500 | 3,200 | 350 | 15,000 | 2,200 | < 100 | < 100 | < 100 | < 100 | NA | NA | NA | < 500 | < 10.0 | < 10.0 |
| | Nov-08 | < 2,500 | 3,400 | 150 | 1,800 | 460 | < 100 | < 100 | < 100 | < 100 | NA | NA | NA | 170 | < 10.0 | < 10.0 |
| | May-09 | < 620 | 540 | 110 | 2,300 | 1,300 | < 25 | < 25 | < 25 | < 25 | NA | < 25 | NA | < 125 | < 250 | < 250 |
| Dec-09 | < 620 | < 1,000 | 180 | 2,700 | 610 | < 25 | < 25 | < 25 | < 25 | NA | < 25 | NA | 380 | < 250 | < 250 | |
| May-10 | < 250 | 2,900 | 180 | 8,000 | 1,400 | 63 | < 10* | < 10* | < 10* | NA | < 10 | NA | 230 | < 100 | < 100 | |
| MW-09 | Dec-02 | ND | 9.15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 2.48 | NA | NA |
| | Feb-03 | NA | 64.3 | J 5.85 | 20.7 | J 9.83 | J 1.43 | < 10.0 | 19.7 | < 10.0 | < 10.0 | < 10.0 | J 1.92 | < 13.0 | NA | NA |
| | Aug-05 | < 25 | 12 | 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 |
| | Nov-05 | < 25 | 16.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 |
| | Feb-06 | < 25 | 18.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 |
| | May-06 | < 25 | 8.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | Aug-06 | < 25 | 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | Nov-06 | 34.0 | 18.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | 6.8 | < 10.0 | 48.0 |
| | Feb-07 | < 25.0 | 7.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | May-07 | < 25.0 | 8.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | Nov-07 | < 25.0 | 9.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | May-08 | < 25.0 | 3.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | Nov-08 | 46.0 | 1.9 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | May-09 | < 25 | 1.1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| Dec-09 | 210 | 1.6 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | |
| May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10 | < 10 | |
| MW-10 | Aug-03 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | < 5.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | NA | NA | |
| | Aug-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | |
| | Nov-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | |
| | Feb-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | |
| | May-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | |
| | Aug-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | |
| | Nov-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | |
| | Feb-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | |
| | May-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | |
| | Nov-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | |
| | May-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | |
| | Nov-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | |
| | May-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | |
| | Dec-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | |
| May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10 | | |
| TRG | | 608 | 5.0 | 100 | 5.0 | 0.155 | 5.0 | 8.52 | 3.64 | 1.43 | 0.126 | 70 | 679 | 5.0 | 1,910 | 139 |

Notes:
 NA = no analysis performed for the compound
 "<" indicates that the concentration of the analyte is less than the value shown.
 Results shown in bold indicate that the concentration exceeds the TRG.
 TRG = MDEQ Tier 1 Target Remedial Goals per the Final Regulations Governing Brownfield
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 B = compound detected in the associated method blank
 J = estimated value
 * * * indicates that although the compound was not detected above the associated reporting limit,

| Location | Date | Analytes | | | | | | | | | | | | | | | |
|----------|--------|----------|---------------|---------------|----------------------|--------------|--------------------|--------------|--------------|------------|---------------------|------------------------|------------------|--------------------|---------------------|------------------------|-----|
| | | Acetone | Benzene | Chlorobenzene | Carbon Tetrachloride | Chloroform | 1,2-Dichloroethane | Bromomethane | Chloroethane | Chloroform | Dibromochloroethane | cis-1,2-dichloroethane | Isopropylbenzene | methylene chloride | methyl ethyl ketone | methyl isobutyl ketone | |
| MW-11 | Dec-02 | ND | 114 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| | Feb-03 | NA | J 6.39 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 13.0 | NA | |
| | Aug-03 | NA | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 5.0 | NA | |
| | Aug-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | |
| | Nov-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | |
| | Feb-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | |
| | May-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | |
| | Aug-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | |
| | Nov-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | |
| | Feb-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | |
| | May-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | |
| | Nov-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | |
| | May-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | |
| | Nov-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | |
| May-09 | 42 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | | |
| Dec-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | | |
| May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10 | | |
| MW-12 | Aug-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | | |
| | Nov-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | | |
| | Feb-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | | |
| | May-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | | |
| | Aug-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | | |
| | Nov-06 | 91 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | | |
| | Feb-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | | |
| | May-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | | |
| | Nov-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | | |
| | May-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | | |
| | Nov-08 | 32 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | | |
| | May-09 | 28 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | | |
| | Dec-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | | |
| | May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10 | | |
| MW-13 | Aug-05 | < 25 | 120 | 10 | 260 | 96 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | | |
| | Nov-05 | 29 | 78 | 9.3 | 53 | 56 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | | |
| | Feb-06 | < 25 | 110 | 22 | 77 | 63 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | | |
| | May-06 | < 25 | 48 | 5.4 | 110 | 33 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | 1.0 | NA | < 5.0 | < 10.0 | | |
| | Aug-06 | < 25 | 72 | 17 | 45 | 35 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | 3.1 | NA | < 5.0 | < 10.0 | | |
| | Nov-06 | < 25 | 94 | 19 | 27 | 30 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | 4.0 | NA | < 5.0 | < 10.0 | | |
| | Feb-07 | < 25 | 160 | 14 | 680 | 120 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | 2.5 | NA | < 5.0 | < 10.0 | | |
| | May-07 | < 25 | 320 | 13 | 1400 | 130 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | 1.3 | NA | < 5.0 | < 10.0 | | |
| | Nov-07 | < 25 | 180 | 9.0 | 560 | 140 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | 1.2 | NA | < 5.0 | < 10.0 | | |
| | May-08 | < 250 | 780 | 23 | 3,200 | 260 | < 20 | < 20 | < 20 | < 20 | NA | < 20 | NA | < 100 | < 200 | | |
| | Nov-08 | < 250 | 250 | 14 | 890 | 180 | 6.1 | < 20 | < 20 | < 20 | NA | 1.8 | NA | < 100 | < 200 | | |
| | May-09 | < 620 | 1,200 | < 25 | 3,500 | 340 | < 25 | < 25 | < 25 | < 25 | NA | < 25 | NA | < 125 | < 250 | | |
| | Dec-09 | < 620 | 790 | 29 | 2,000 | 310 | < 25 | < 25 | < 25 | < 25 | NA | < 25 | NA | < 120 | < 250 | | |
| | May-10 | < 500 | 2,600 | 110 | 4,000 | 1,900 | < 20* | < 20* | < 20* | < 20* | NA | < 20 | NA | < 100* | < 200* | | |
| TRG | | 608 | 5.0 | 100 | 5.0 | 0.155 | 5.0 | 68 | 8.52 | 3.64 | 1.43 | 0.126 | 70 | 679 | 5.0 | 1,910 | 139 |

Notes:
 NA = no analysis performed for the compound
 "<" indicates that the concentration of the analyte is less than the value shown.
 Results shown in bold indicate that the concentration exceeds the TRG.
 TRG = MDEQ Tier 1 Target Remedial Goals per the Final Regulations Governing Brownfields
 NE = TRG not yet established for the compound
 ND = non-detect / no detection limit available
 B = compound detected in the associated method blank
 J = estimated value
 * * * indicates that although the compound was not detected above the associated reporting limit,

| Location | Date | Analytes | | | | | | | | | | | | | | | |
|----------|--------|----------|---------|---------------|----------------------|------------|--------------------|--------------|--------------|---------------|----------------------|------------------------|------------------|--------------------|---------------------|------------------------|--------|
| | | Acetone | Benzene | Chlorobenzene | Carbon Tetrachloride | Chloroform | 1,2-Dichloroethane | Bromomethane | Chloroethane | Chloromethane | Dibromochloromethane | cis-1,2-dichloroethane | Isopropylbenzene | methylene chloride | methyl ethyl ketone | methyl isobutyl ketone | |
| MW-14 | Aug-05 | 34 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 |
| | Nov-05 | 35 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 |
| | Feb-06 | 180 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 |
| | May-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | Aug-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | Nov-06 | 440 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | Feb-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | May-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | Nov-07 | 72 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | May-08 | 650 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | Nov-08 | 590 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | May-09 | 260 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | NA | < 2.0 | NA | < 10 | < 20 | < 20 |
| Dec-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10 | < 10 | |
| May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10 | < 10 | |
| MW-15 | Aug-05 | 84 | 1.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 |
| | Nov-05 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 |
| | Feb-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 |
| | May-06 | 50 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | Aug-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | Nov-06 | 1,500 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | Feb-07 | 350 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | May-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | Nov-07 | 62 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | May-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | Nov-08 | 2,300 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | May-09 | 1,300 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | NA | < 5.0 | NA | < 25 | < 50 | < 50 |
| Dec-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10 | < 10 | |
| May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10 | < 10 | |
| MW-16 | Aug-05 | < 25 | 2.3 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 |
| | Nov-05 | < 25 | 1.2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 |
| | Feb-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 |
| | May-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | Aug-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | Nov-06 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | Feb-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | May-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | Nov-07 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | May-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | Nov-08 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| | May-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| Dec-09 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | |
| May-10 | < 25 | 1.1 | < 1.0 | < 1.0 | < 1.0 | 1.3 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10 | < 10 | |
| TRG | | 608 | 5.0 | 100 | 5.0 | 0.155 | 5.0 | 68 | 8.52 | 3.64 | 1.43 | 0.126 | 70 | 679 | 5.0 | 1,910 | 139 |

Notes:

- NA = no analysis performed for the compound
- < indicates that the concentration of the analyte is less than the value shown.
- Results shown in bold indicate that the concentration exceeds the TRG.
- TRG = MDEQ Tier 1 Target Remedial Goals per the Final Regulations Governing Brownfield
- NE = TRG not yet established for the compound
- ND = non-detect / no detection limit available
- B = compound detected in the associated method blank
- J = estimated value
- ** indicates that although the compound was not detected above the associated reporting limit

| Location | Date | MDEQ Tier 1 | | | | | | MDEQ Tier 2 | | | | | | | | | |
|----------|----------|--------------|--------------|---------------|----------------------|--------------|--------------------|--------------|--------------|---------------|----------------------|------------------------|------------------|--------------------|---------------------|------------------------|-----|
| | | Acetone | Benzene | Chlorobenzene | Carbon Tetrachloride | Chloroform | 1,2-Dichloroethane | Bromomethane | Chloroethane | Chloromethane | Dibromochloromethane | cis-1,2-dichloroethane | Isopropylbenzene | methylene chloride | methyl ethyl ketone | methyl isobutyl ketone | |
| MW-17 | Aug-05 | < 6300 | 6,200 | 340 | 1,500 | 1,200 | < 250 | < 250 | < 250 | < 250 | NA | NA | NA | < 1,300 | NA | NA | |
| | Nov-05 | < 13,000 | 1,500 | < 500 | 17,000 | 1,600 | < 500 | < 500 | < 500 | < 500 | NA | NA | NA | < 2,500 | NA | NA | |
| | Feb-06 | < 13,000 | 1,300 | 600 | 37,000 | 2,600 | < 500 | < 500 | < 500 | < 500 | NA | NA | NA | < 2,500 | NA | NA | |
| | May-06 | < 6,300 | 4,200 | 530 | 30,000 | < 250 | < 250 | < 250 | < 250 | < 250 | NA | < 250 | NA | < 1,300 | NA | NA | |
| | Aug-06 | 570 | 1,000 | 610 | 33,000 | 3,000 | < 1.0 | < 1.0 | 3.0 | < 1.0 | NA | 26 | NA | 10 | < 10.0 | < 10.0 | |
| | Nov-06 | < 5,000 | 2,100 | 470 | 26,000 | < 200 | < 200 | < 200 | 200 | < 200 | NA | < 200 | NA | < 1,000 | < 2,000 | < 2,000 | |
| | Feb-07 | < 5,000 | 3,300 | 810 | 48,000 | 3,400 | < 200 | < 200 | < 200 | < 200 | NA | < 200 | NA | < 1,000 | < 2,000 | < 2,000 | |
| | May-07 | < 5,000 | 740 | 5,300 | 770 | 2,800 | < 20 | < 20 | < 20 | < 20 | NA | < 20 | NA | < 100 | < 200 | 570 | |
| | Nov-07 | < 5,000 | 3,000 | 890 | 45,000 | 4,600 | < 200 | < 200 | < 200 | < 200 | NA | < 200 | NA | < 1,000 | < 2,000 | < 2,000 | |
| | May-08 | < 5,000 | 4,800 | 930 | 47,000 | 3,600 | < 200 | < 200 | < 200 | < 200 | NA | < 200 | NA | < 1,000 | < 2,000 | < 2,000 | |
| | Nov-08 | < 5,000 | 1,800 | 720 | 34,000 | 3,500 | < 200 | < 200 | < 200 | < 200 | NA | < 200 | NA | < 1,000 | < 2,000 | < 2,000 | |
| | May-09 | < 5,000 | 8,100 | 640 | 39,000 | 2,900 | < 200 | < 200 | < 200 | < 200 | NA | < 200 | NA | < 1,000 | < 2,000 | < 2,000 | |
| Dec-09 | < 12,000 | 4,500 | 1,200 | 54,000 | 7,100 | < 500 | < 500 | < 500 | < 500 | NA | < 500 | NA | < 2,500 | < 5,000 | < 5,000 | | |
| May-10 | < 2,500* | 7,500 | 740 | 40,000 | 8,400 | < 100* | 0* | < 100* | < 100* | NA | < 100* | NA | 660 | < 1,000 | < 1,000* | | |
| MW-18 | Aug-05 | < 25 | 10 | 45 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Nov-05 | < 25 | 3.9 | 26 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Feb-06 | < 25 | 4.2 | 31 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | May-06 | < 25 | 6.5 | 35 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Aug-06 | < 25 | 4.8 | 34 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Nov-06 | 61 | 2.9 | 23 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Feb-07 | < 25 | 4.1 | 28 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | May-07 | < 25 | 4.0 | 33 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Nov-07 | < 25 | 1.2 | 26 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | May-08 | < 25 | 1.7 | 31 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Nov-08 | < 25 | < 1.0 | 23 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | May-09 | < 25 | < 1.0 | 24 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| Dec-09 | < 25 | < 1.0 | 21 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| May-10 | < 25 | 1.1 | 20 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| MW-19 | Aug-05 | < 25 | 20 | 7.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Nov-05 | < 25 | 19 | 6.4 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Feb-06 | < 25 | 22 | 9.8 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | NA | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | May-06 | 28 | 21 | 7.2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Aug-06 | < 25 | 18 | 6.3 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Nov-06 | < 25 | 20 | 6.2 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Feb-07 | < 25 | 32 | 8.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | May-07 | < 25 | 36 | 9.5 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Nov-07 | < 25 | 44 | 10 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | May-08 | < 25 | 66 | 13 | 6.7 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | Nov-08 | < 25 | 58 | 9.7 | < 1.0 | 1.1 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| | May-09 | < 25 | 65 | 14 | 11 | 4.7 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | |
| Dec-09 | < 25 | 64 | 12 | 4.5 | 2.9 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| May-10 | < 25 | 52 | 10 | 3.2 | 3.6 | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 | | | |
| TRG | | 608 | 5.0 | 100 | 5.0 | 0.155 | 5.0 | 58 | 8.52 | 3.64 | 1.43 | 0.126 | 70 | 679 | 5.0 | 1,910 | 139 |

Notes:

- NA = no analysis performed for the compound
- "<" indicates that the concentration of the analyte is less than the value shown.
- Results shown in bold indicate that the concentration exceeds the TRG.
- TRG = MDEQ Tier 1 Target Remedial Goals per the Final Regulations Governing Brownfield
- NE = TRG not yet established for the compound
- ND = non-detect / no detection limit available
- B = compound detected in the associated method blank
- J = estimated value
- ** * indicates that although the compound was not detected above the associated reporting limit

| Location | Date | | | | | | | | | | | | | | | | |
|----------|--------|----------|---------------|---------------|----------------------|--------------|--------------------|----|-------------|--------------|---------------|---------------------|------------------------|------------------|--------------------|---------------------|------------------------|
| | | Acetone | Benzene | Chlorobenzene | Carbon Tetrachloride | Chloroform | 1,2-Dichloroethane | | Bromoethane | Chloroethane | Chloromethane | Dibromochloroethane | cis-1,2-dichloroethane | Isopropylbenzene | methylene chloride | methyl ethyl ketone | methyl isobutyl ketone |
| MW-20 | May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | † | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| MW-21 | May-10 | < 1,200* | 3,500 | 150 | 280 | 7,800 | < 50* | † | < 50* | < 50* | < 50* | NA | < 50 | NA | < 250* | < 500 | < 500* |
| MW-22 | May-10 | < 25 | 6.6 | 4.9 | < 1.0 | < 1.0 | < 1.0 | † | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| MW-23 | May-10 | < 2,500* | 10,000 | 180 | < 100* | 2,000 | < 100* | † | < 100* | < 100* | < 100* | NA | < 100* | NA | < 500* | < 1,000 | 1,000 |
| MW-24 | May-10 | < 25 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | † | < 1.0 | < 1.0 | < 1.0 | NA | < 1.0 | NA | < 5.0 | < 10.0 | < 10.0 |
| TRG | | 608 | 5.0 | 100 | 5.0 | 0.155 | 5.0 | 58 | 8.52 | 3.64 | 1.43 | 0.126 | 70 | 679 | 5.0 | 1,910 | 139 |

Notes:

NA = no analysis performed for the compound

* < indicates that the concentration of the analyte is less than the value shown.

Results shown in bold indicate that the concentration exceeds the TRG.

TRG = MDEQ Tier 1 Target Remedial Goals per the Final Regulations Governing Brownfields

NE = TRG not yet established for the compound

ND = non-detect / no detection limit available

B = compound detected in the associated method blank

J = estimated value

* * * indicates that although the compound was not detected above the associated reporting limit

TABLE 3
SUMMARY OF QA/QC SAMPLE ANALYTICAL RESULTS

| Location | Concentration in µg/L | | | | | | | |
|---------------|-----------------------|----------------------|---------------|---------|------------|--------------------|--------------|------|
| | Benzene | Carbon Tetrachloride | Chlorobenzene | Toluene | Chloroform | 1,1-Dichloroethene | Ethylbenzene | |
| MW-5 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MW-5 FD01 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| RPD | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| MW-19 | 52 | 3.2 | 10 | 3.0 | 10 | 1.4 | 1.9 | 1.9 |
| MW-19 FD02 | 53 | 3.4 | 11 | 3.1 | 3.6 | 1.2 | 1.9 | 1.9 |
| RPD | 1.9 | 0.6 | 9.5 | 3.3 | 94.1 | 15.4 | 0.0 | 0.0 |
| RS-01 | <1.0 | <1.0 | <1.0 | 1.1 | <1.0 | <1.0 | <1.0 | <1.0 |
| RS-02 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| RS-03 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| TB-01 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| TB-02 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

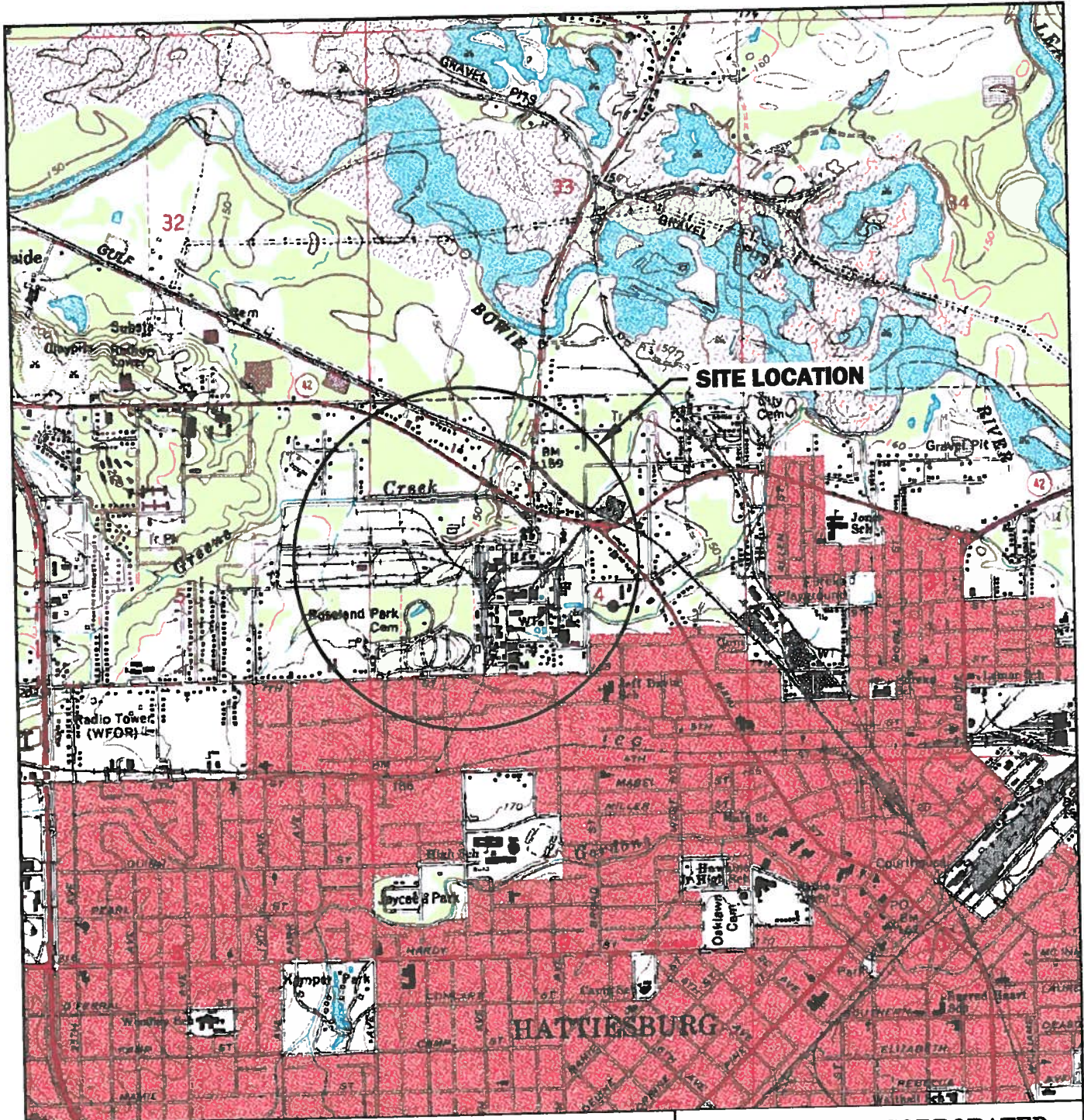
Notes: "<" indicates that the concentration of the analyte is less than the concentration shown

RPD = relative percent

µg/L = micrograms per liter



FIGURES



SITE LOCATION

HATTIESBURG



QUADRANGLE LOCATION



**HERCULES INCORPORATED
HATTIESBURG, MISSISSIPPI**

Eco-Systems, Inc. 
Consultants, Engineers and Scientists

| | | |
|--------------------|---------------|----------------|
| SCALE: 1"=2000' | DRAWN BY: MTW | DATE: 11/26/07 |
| | CHKD. BY: | DATE: |

| | |
|-------------------------|-------------------------------|
| PROJECT NO. HER25080 | CAD FILE HER25080-TOPO.dwg |
|-------------------------|-------------------------------|

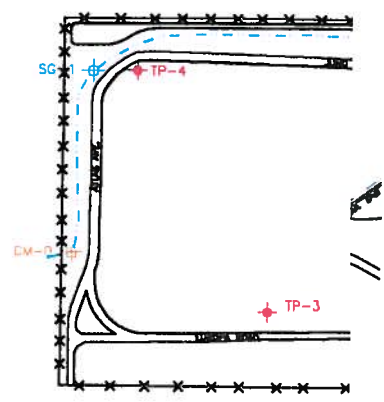
SITE LOCATION MAP

**FIGURE
1**

SOURCE: DeLORME 3D TopoQuads - HATTIESBURG, MISSISSIPPI

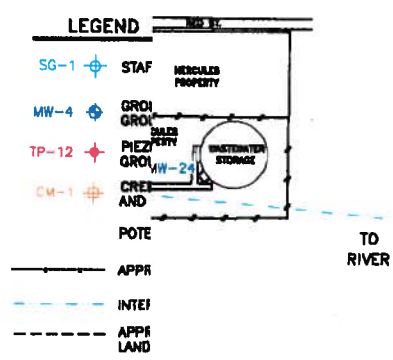


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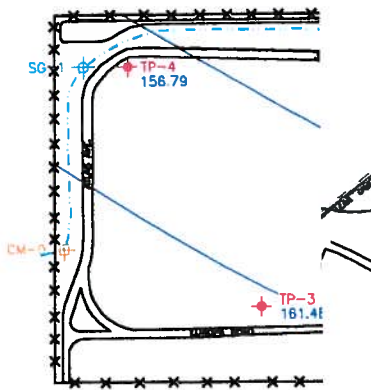
1. BASE MAP PROJ



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|--|---|---|
| o-Systems, Inc. ultants, Engineers and Scientists son, MS • Meridan, MS • Mobile, AL ton, TX • Nashville, TN • Atlanta, GA Hattiesburg, MS • Gulfport, MS | HERCULES INCORPORATED HATTIESBURG, MISSISSIPPI | PROJECT No. HER130220122 CAD FILE NAME HER130220122-PIEZ.dwg |
| | SITE MAP | FIGURE 2 |

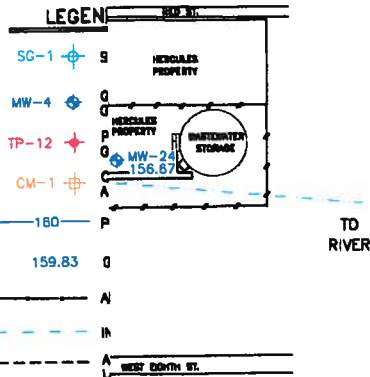


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NOTES

1. BASE MAP P



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Meridian, MS • Mobile, AL
 Houston, TX • Nashville, TN • Atlanta, GA
 Hattiesburg, MS • Gulfport, MS

HERCULES INCORPORATED
HATTIESBURG, MISSISSIPPI

POTENTIOMETRIC SURFACE MAP
 (MAY 10, 2010)

| | | |
|--------------------------------------|--------------------|----------------------|
| PROJECT No. AS-1420201009-4 | FIGURE 3 | REVISION 0 |
| CAD FILE NAME AS-1420201009-4-P03 | | |

APPENDIX A
GROUNDWATER COLLECTION LOGS



Groundwater Sample Collection Log

Project Name: Hercules Chemical
Project Number: ASH4202010094

Boring ID: MW-3
Site Location: Hattiesburg, MS

Start Date: 5/10/10 Finish Date: 5/13/10
Sample Technician: Chris Terrell
Purge/Sample Method: Low Flow/Low Stress with Peristaltic Pump
Well Diameter: 2"
T.O.C. Elev. AMSL 160.03
Total Depth of Well (ft) 18.00
Approximate Depth of Water Column
(h = TD of well - water level [TOC]): 11.22
Calculated Well Volume (V = 6hd²)
(V = vol in gal; D = well diam. in ft): 1.83
Groundwater Elevation AMSL 153.25

| Water Level Measurements | | |
|--------------------------|-------|----------|
| Date | Time | B.T.O.C. |
| 5/10/2010 | NA | 6.78 |
| 5/11/2010 | 11:18 | 7.02 |
| 5/11/2010 | 11:27 | 7.04 |
| 5/11/2010 | 11:32 | 7.05 |
| | | |
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| WELL DEVELOPMENT/PURGING DATA | | | | | | | | |
|-------------------------------|-------------------------|------|-------------------------------|-----------------------|-----------------|-------------|----------|----------|
| Date/Time | Cumulative Volume (gal) | pH | Specific Conductivity (ms/cm) | Temperature (Celsius) | Turbidity (NTU) | D.O. (mg/l) | ORP (mv) | Comments |
| 5/11/10 11:07 | 0.25 | 4.92 | 0.115 | 19.52 | 6.43 | 3.48 | 213.9 | Clear |
| 11:15 | 0.50 | 4.57 | 0.114 | 19.55 | 3.35 | 2.37 | 24.03 | Clear |
| 11:20 | 0.75 | 4.56 | 0.113 | 19.57 | 3.24 | 2.13 | 247.0 | Clear |
| 11:25 | 1.00 | 4.51 | 0.112 | 19.03 | 3.77 | 1.99 | 251.5 | Clear |
| 11:30 | 1.25 | 4.48 | 0.111 | 19.52 | 3.08 | 1.70 | 255.7 | Clear |
| 11:35 | 1.75 | 4.44 | 0.109 | 19.50 | 2.24 | 1.42 | 259.1 | Clear |
| 11:40 | 2.00 | 4.43 | 0.108 | 19.67 | 1.73 | 1.28 | 255.4 | Clear |
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Sample Identification: HER-MW03-051110
Weather Conditions During Sampling Clear, 88°F
Comments: Analysis for Appendix IX VOC's 8260b
Signature: Date: 5/17/2010

| GROUNDWATER SAMPLE CONTAINERS | | | |
|-------------------------------|-------|------------------|--------------|
| Date | Time | Sample Container | Preservative |
| 5/11/2010 | 11:42 | 3-40ml VOAs | None |
| | | | |
| | | | |
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Groundwater Sample Collection Log

Project Name: Hercules Chemical
Project Number: ASH4202010094

Boring ID: MW-10
Site Location: Hattiesburg, MS

Start Date: 5/10/10 Finish Date: 5/13/10
Sample Technician: Chris Terrell
Purge/Sample Method: Low Flow/Low Stress with Peristaltic Pump
Well Diameter: 2"
T.O.C. Elev. AMSL: 159.88
Total Depth of Well (ft): 18.50
Approximate Depth of Water Column
(h= TD of well - water level [TOC]): 8.28
Calculated Well Volume (V=6hd³)
(V = vol in gal; D = well diam. in ft): 1.35
Groundwater Elevation AMSL: 149.66

| Water Level Measurements | | |
|--------------------------|-------|----------|
| Date | Time | B.T.O.C. |
| 5/10/2010 | NA | 10.22 |
| 5/11/2010 | 13:13 | 10.39 |
| 5/11/2010 | 13:18 | 10.39 |
| 5/11/2010 | 13:28 | 10.40 |
| | | |
| | | |
| | | |
| | | |

WELL DEVELOPMENT/PURGING DATA

| Date/Time | Cumulative Volume (gal) | pH | Specific Conductivity (ms/cm) | Temperature (Celsius) | Turbidity (NTU) | D.O. (mg/l) | ORP (mv) | Comments |
|---------------|-------------------------|------|-------------------------------|-----------------------|-----------------|-------------|----------|-----------------|
| 5/11/10 13:05 | 0.25 | 5.44 | 0.038 | 19.68 | 28.8 | 2.27 | 195.8 | Slightly Turbid |
| 13:10 | 0.50 | 5.26 | 0.036 | 19.72 | 29.8 | 1.05 | 204.4 | Slightly Turbid |
| 13:15 | 0.75 | 5.21 | 0.036 | 19.93 | 28.3 | 0.89 | 210.4 | Slightly Turbid |
| 13:20 | 1.00 | 5.23 | 0.034 | 19.79 | 26.3 | 0.80 | 216.1 | Slightly Turbid |
| 13:25 | 1.25 | 5.24 | 0.034 | 19.66 | 25.4 | 0.74 | 218.4 | Slightly Turbid |
| 13:30 | 1.50 | 5.25 | 0.034 | 19.67 | 25.4 | 0.69 | 220.6 | Slightly Turbid |
| 13:35 | 1.75 | 5.25 | 0.034 | 19.66 | 23.8 | 0.66 | 222.4 | Slightly Turbid |
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Sample Identification: HER-MW10-051110

Weather Conditions During Sampling: Clear, 90°F

Comments: _____

Analysis for Appendix IX VOC's 8260b

Signature: Date: 5/17/2010

GROUNDWATER SAMPLE CONTAINERS

| Date | Time | Sample Container | Preservative |
|-----------|-------|------------------|--------------|
| 5/11/2010 | 13:40 | 3-40ml VOAs | None |
| | | | |
| | | | |
| | | | |



Groundwater Sample Collection Log

Project Name: Hercules Chemical
Project Number: ASH4202010094

Boring ID: MW-4
Site Location: Hattiesburg, MS

Start Date: 5/10/10 Finish Date: 5/13/10
Sample Technician: Brent Eanes
Purge/Sample Method: Low Flow/Low Stress with Peristaltic Pump
Well Diameter: 2"
T.O.C. Elev. AMSL 159.75
Total Depth of Well (ft) 18.74
Approximate Depth of Water Column
(h= TD of well - water level [TOC]): 8.44
Calculated Well Volume (V=6hd³)
(V = vol in gal; D = well diam. in ft): 1.38
Groundwater Elevation AMSL 149.45

| Water Level Measurements | | |
|--------------------------|-------|----------|
| Date | Time | B.T.O.C. |
| 5/10/2010 | NA | 10.30 |
| 5/11/2010 | 12:58 | 10.30 |
| 5/11/2010 | 13:06 | 10.32 |
| 5/11/2010 | 13:18 | 10.32 |
| | | |
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WELL DEVELOPMENT/PURGING DATA

| Date/Time | Cumulative Volume (gal) | pH | Specific Conductivity (ms/cm) | Temperature (Celsius) | Turbidity (NTU) | D.O. (mg/l) | ORP (mv) | Comments |
|---------------|-------------------------|------|-------------------------------|-----------------------|-----------------|-------------|----------|----------|
| 5/11/10 13:06 | 0.20 | 6.05 | 0.276 | 22.70 | 3.54 | 0.44 | -111.6 | Clear |
| 13:11 | 0.40 | 6.06 | 0.276 | 22.93 | Not Obtained | 0.35 | -91.0 | Clear |
| 13:16 | 0.70 | 6.07 | 0.277 | 22.83 | 1.98 | 0.34 | -100.0 | Clear |
| 13:24 | 1.00 | 6.04 | 0.262 | 22.77 | Not Obtained | 0.34 | -93.0 | Clear |
| 13:30 | 1.20 | 6.06 | 0.275 | 22.82 | 2.59 | 0.32 | -73.3 | Clear |
| 13:34 | 1.40 | 6.06 | 0.275 | 22.74 | Not Obtained | 0.31 | -99.4 | Clear |
| 13:38 | 1.60 | 6.06 | 0.276 | 22.68 | 1.89 | 0.29 | -78.1 | Clear |
| 13:42 | 1.80 | 6.03 | 0.274 | 22.74 | 2.92 | 0.26 | -105.1 | Clear |
| 13:46 | 2.00 | 6.05 | 0.274 | 22.66 | Not Obtained | 0.29 | -108.3 | Clear |
| 13:48 | 2.20 | 6.06 | 0.274 | 22.86 | 2.52 | 0.27 | -92.8 | Clear |
| | | | | | | | | |
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Sample Identification: HER-MW04-051110 ; HER-RS01-051110

Weather Conditions During Sampling Clear, 91°F

Comments: Rinsate RS01

Analysis for Appendix IX VOC's 8260b

Signature: [Signature] Date: 5/17/2010

GROUNDWATER SAMPLE CONTAINERS

| Date | Time | Sample Container | Preservative |
|-----------|-------|------------------|--------------|
| 5/11/2010 | 13:50 | 3-40ml VOAs | None |
| RS01 | 12:53 | 3-40ml VOAs | None |
| | | | |
| | | | |
| | | | |



Groundwater Sample Collection Log

Project Name: Hercules Chemical
Project Number: ASH4202010094

Boring ID: MW-7
Site Location: Hattiesburg, MS.

Start Date: 5/10/10 Finish Date: 5/13/10
Sample Technician: Chris Terrell
Purge/Sample Method: Low Flow/Low Stress with Peristaltic Pump
Well Diameter: 2"
T.O.C. Elev. AMSL 183.96
Total Depth of Well (ft) 22.50
Approximate Depth of Water Column
(h= TD of well - water level [TOC]): 8.55
Calculated Well Volume (V=6hd²)
(V = vol in gal; D = well diam. in ft): 1.40
Groundwater Elevation AMSL 170.01

| Water Level Measurements | | |
|--------------------------|-------|----------|
| Date | Time | B.T.O.C. |
| 5/10/2010 | NA | 13.95 |
| 5/12/2010 | 16:12 | 14.07 |
| 5/12/2010 | 16:20 | 14.11 |
| 5/12/2010 | 16:42 | 14.11 |
| 5/12/2010 | 17:10 | 14.11 |
| | | |
| | | |
| | | |
| | | |

| WELL DEVELOPMENT/PURGING DATA | | | | | | | | |
|-------------------------------|-------------------------|------|-------------------------------|-----------------------|-----------------|-------------|----------|-----------------|
| Date/Time | Cumulative Volume (gal) | pH | Specific Conductivity (mS/cm) | Temperature (Celsius) | Turbidity (NTU) | D.O. (mg/l) | ORP (mv) | Comments |
| 5/12/10 16:05 | 0.25 | 4.97 | 0.128 | 22.45 | 42.4 | 11.87 | 102.4 | Turbid |
| 16:10 | 0.50 | 4.79 | 0.125 | 21.86 | 24.7 | 7.95 | 111.0 | Turbid |
| 16:38 | 0.75 | 4.58 | 0.122 | 21.31 | 53.1 | 5.26 | 174.4 | Turbid |
| 16:46 | 1.00 | 4.54 | 0.122 | 21.10 | 32.6 | 5.30 | 198.0 | Turbid |
| 16:50 | 1.25 | 4.53 | 0.122 | 21.35 | 25.6 | 5.29 | 209.5 | Turbid |
| 16:57 | 1.50 | 4.52 | 0.123 | 21.43 | 25.9 | 4.96 | 221.3 | Turbid |
| 17:07 | 1.75 | 4.50 | 0.123 | 21.48 | 21.1 | 4.41 | 232.4 | Slightly Turbid |
| 17:17 | 2.00 | 4.46 | 0.122 | 21.13 | 12.7 | 4.44 | 238.3 | Slightly Turbid |
| 17:27 | 2.25 | 4.49 | 0.122 | 21.18 | 8.74 | 4.39 | 241.9 | Clear |
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Sample Identification: HER-MW07-051210

Weather Conditions During Sampling Clear, 89°F

Comments: 16:15 Jax. pump quit working, used Mob. Pump

Laboratory Analysis for Appendix IX VOC's 8260b

Signature: [Signature] Date: 5/17/2010

| GROUNDWATER SAMPLE CONTAINERS | | | |
|-------------------------------|-------|------------------|--------------|
| Date | Time | Sample Container | Preservative |
| 5/12/2010 | 17:30 | 3-40ml VOAs | None |
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Groundwater Sample Collection Log

Project Name: Hercules Chemical
Project Number: ASH4202010094

Boring ID: MW-16
Site Location: Hattiesburg, MS.

Start Date: 5/10/10 Finish Date: 5/13/10
Sample Technician: Brent Eanes
Purge/Sample Method: Low Flow/Low Stress with Peristaltic Pump
Well Diameter: 2"
T.O.C. Elev. AMSL: 175.62
Total Depth of Well (ft): 28.50
Approximate Depth of Water Column
(h = TD of well - water level [TOC]): 12.13
Calculated Well Volume (V = 6hd²)
(V = vol in gal; D = well diam. in ft): 1.98
Groundwater Elevation AMSL: 159.25

| Water Level Measurements | | |
|--------------------------|-------|----------|
| Date | Time | B.T.O.C. |
| 5/10/2010 | NA | 16.37 |
| 5/12/2010 | 15:49 | 16.40 |
| 5/12/2010 | 16:03 | 16.43 |
| 5/12/2010 | 16:12 | 16.45 |
| 5/12/2010 | 16:17 | 16.46 |
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WELL DEVELOPMENT/PURGING DATA

| Date/Time | Cumulative Volume (gal) | pH | Specific Conductivity (mS/cm) | Temperature (Celsius) | Turbidity (NTU) | D.O. (mg/l) | ORP (mv) | Comments |
|---------------|-------------------------|------|-------------------------------|-----------------------|-----------------|-------------|----------|----------|
| 5/12/10 15:58 | 0.25 | 6.19 | 1.016 | 25.25 | 7.27 | 0.59 | -81.9 | Clear |
| 16:02 | 0.50 | 6.10 | 1.011 | 24.68 | Not Obtained | 0.44 | -78.6 | Clear |
| 16:04 | 0.75 | 6.12 | 1.009 | 24.45 | Not Obtained | 0.41 | -78.6 | Clear |
| 16:08 | 1.00 | 6.11 | 1.008 | 24.43 | 4.17 | 0.36 | -78.4 | Clear |
| 16:13 | 1.25 | 6.11 | 1.008 | 24.14 | Not Obtained | 0.32 | -79.7 | Clear |
| 16:17 | 1.50 | 6.08 | 1.006 | 23.70 | 4.49 | 0.32 | -77.7 | Clear |
| 16:21 | 1.75 | 6.07 | 1.005 | 23.57 | 5.09 | 0.29 | -77.2 | Clear |
| 16:26 | 2.00 | 6.07 | 1.006 | 23.62 | 5.11 | 0.30 | -77.0 | Clear |
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Sample Identification: HER-MW16-051210

Weather Conditions During Sampling: Clear, 90°F

Comments: Effervescence in tubing and VOAs as usual. Sheen in purge water.

Laboratory Analysis for Appendix IX VOC's 8260b

Signature: [Signature] Date: 5/17/2010

GROUNDWATER SAMPLE CONTAINERS

| Date | Time | Sample Container | Preservative |
|-----------|-------|------------------|--------------|
| 5/17/2010 | 16:28 | 3-40ml VOAs | None |
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Groundwater Sample Collection Log

Project Name: Hercules Chemical
Project Number: ASH4202010094

Boring ID: MW-9
Site Location: Hattiesburg, MS.

Start Date: 5/10/10 Finish Date: 5/13/10
Sample Technician: Brent Eanes
Purge/Sample Method: Low Flow/Low Stress with Peristaltic Pump
Well Diameter: 2"
T.O.C. Elev. AMSL 181.97
Total Depth of Well (ft) 20.00
Approximate Depth of Water Column
(h= TD of well - water level [TOC]): 8.35
Calculated Well Volume (V=6hd²)
(V = vol in gal; D = well diam. in ft): 1.36
Groundwater Elevation AMSL 170.32

| Water Level Measurements | | |
|--------------------------|------|----------|
| Date | Time | B.T.O.C. |
| 5/10/2010 | NA | 11.65 |
| 5/13/2010 | 9:10 | 11.80 |
| 5/13/2010 | 9:30 | 11.92 |
| 5/13/2010 | 9:40 | 11.90 |
| 5/13/2010 | 9:48 | 11.90 |
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WELL DEVELOPMENT/PURGING DATA

| Date/Time | Cumulative Volume (gal) | pH | Specific Conductivity (mS/cm) | Temperature (Celsius) | Turbidity (NTU) | D.O. (mg/l) | ORP (mv) | Comments |
|--------------|-------------------------|------|-------------------------------|-----------------------|-----------------|-------------|----------|----------|
| 5/13/10 9:27 | 0.25 | 5.97 | 0.285 | 20.95 | Not Obtained | 0.63 | 6.3 | Clear |
| 9:32 | 0.50 | 5.77 | 0.282 | 21.04 | 2.20 | 0.60 | 2.6 | Clear |
| 9:36 | 0.75 | 5.72 | 0.276 | 21.26 | 1.90 | 0.62 | -1.6 | Clear |
| 9:40 | 1.00 | 5.57 | 0.258 | 21.28 | Not Obtained | 0.53 | -2.0 | Clear |
| 9:44 | 1.25 | 5.63 | 0.237 | 21.22 | 2.06 | 0.48 | 1.7 | Clear |
| 9:48 | 1.50 | 5.59 | 0.224 | 21.32 | 1.72 | 0.43 | 4.3 | Clear |
| 9:52 | 1.75 | 5.56 | 0.214 | 21.30 | 2.00 | 0.41 | 5.2 | Clear |
| 9:56 | 2.00 | 5.54 | 0.215 | 21.24 | 1.91 | 0.39 | 3.1 | Clear |
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Sample Identification: HER-MW09-051310 ; HER-RS03-051310

Weather Conditions During Sampling Clear, 80°F

Comments: _____

Laboratory Analysis for Appendix IX-VOC's 8260b

Signature: [Signature] Date: 5/18/2010

GROUNDWATER SAMPLE CONTAINERS

| Date | Time | Sample Container | Preservative |
|-----------|-------|------------------|--------------|
| 5/13/2010 | 10:00 | 3-40ml VOAs | None |
| RS03 | 9:14 | 3-40ml VOAs | None |
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Groundwater Sample Collection Log

Project Name: Hercules Chemical
Project Number: ASH4202010094

Boring ID: MW-8
Site Location: Hattiesburg, MS.

Start Date: 5/10/10 Finish Date: 5/13/10
Sample Technician: Chris Terrell
Purge/Sample Method: Low Flow/Low Stress with Peristaltic Pump
Well Diameter: 2"
T.O.C. Elev. AMSL 179.99
Total Depth of Well (ft) 18.50
Approximate Depth of Water Column
(h= TD of well - water level [TOC]): 4.41
Calculated Well Volume (V=6hd³)
(V = vol in gal; D = well diam. in ft): 0.72
Groundwater Elevation AMSL 165.90

| Water Level Measurements | | |
|--------------------------|-------|----------|
| Date | Time | B.T.O.C. |
| 5/10/2010 | NA | 14.09 |
| 5/13/2010 | 11:27 | 14.30 |
| 5/13/2010 | 11:35 | 14.31 |
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WELL DEVELOPMENT/PURGING DATA

| Date/Time | Cumulative Volume (gal) | pH | Specific Conductivity (mS/cm) | Temperature (Celsius) | Turbidity (NTU) | D.O. (mg/l) | ORP (mv) | Comments |
|---------------|-------------------------|------|-------------------------------|-----------------------|-----------------|-------------|----------|----------|
| 5/13/10 11:20 | 0.25 | 6.18 | 0.718 | 22.57 | 7.47 | 25.23 | -40.6 | Clear |
| 11:25 | 0.50 | 6.12 | 0.714 | 22.66 | 9.02 | 6.98 | -56.1 | Clear |
| 11:30 | 0.75 | 6.10 | 0.706 | 22.83 | 10.38 | 2.49 | -63.9 | Clear |
| 11:35 | 1.00 | 6.09 | 0.700 | 23.09 | 8.16 | 1.41 | -66.6 | Clear |
| 11:44 | 1.25 | 6.06 | 0.701 | 23.26 | 6.02 | 1.41 | -65.8 | Clear |
| 11:50 | 1.50 | 6.06 | 0.701 | 23.32 | 5.69 | 1.41 | -66.9 | Clear |
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Sample Identification: HER-MW08-051310

Weather Conditions During Sampling Clear, 85°F

Comments: _____

Laboratory Analysis for Appendix IX VOC's 8260b

Signature: [Signature] Date: 5/18/2010

GROUNDWATER SAMPLE CONTAINERS

| Date | Time | Sample Container | Preservative |
|-----------|-------|------------------|--------------|
| 5/13/2010 | 11:55 | 3-40ml VOAs | None |
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Groundwater Sample Collection Log

Project Name: Hercules Chemical
Project Number: ASH4202010094

Boring ID: MW-17
Site Location: Hattiesburg, MS.

Start Date: 5/10/10 Finish Date: 5/13/10
Sample Technician: Brent Eanes
Purge/Sample Method: Low Flow/Low Stress with Peristaltic Pump
Well Diameter: 2"
T.O.C. Elev. AMSL 186.13
Total Depth of Well (ft) 22.70
Approximate Depth of Water Column
(h = TD of well - water level [TOC]): 5.63
Calculated Well Volume (V=6hd²)
(V = vol in gal; D = well diam. in ft): 0.92
Groundwater Elevation AMSL 169.06

| Water Level Measurements | | |
|--------------------------|-------|----------|
| Date | Time | B.T.O.C. |
| 5/10/2010 | NA | 17.07 |
| 5/13/2010 | 11:09 | 17.04 |
| 5/13/2010 | 11:21 | 17.19 |
| 5/13/2010 | 11:32 | 17.19 |
| 5/13/2010 | 11:35 | 17.19 |
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WELL DEVELOPMENT/PURGING DATA

| Date/Time | Cumulative Volume (gal) | pH | Specific Conductivity (mS/cm) | Temperature (Celsius) | Turbidity (NTU) | D.O. (mg/l) | ORP (mv) | Comments |
|---------------|-------------------------|------|-------------------------------|-----------------------|-----------------|-------------|----------|-----------------|
| 5/13/10 11:19 | 0.25 | 6.03 | 1.216 | 24.52 | Not Obtained | 0.67 | -105.5 | Turbid |
| 11:25 | 0.50 | 6.00 | 1.223 | 24.77 | 22.90 | 0.49 | -102.8 | Slightly Turbid |
| 11:30 | 0.75 | 6.01 | 1.237 | 24.50 | 7.18 | 0.59 | -103.1 | Clear |
| 11:35 | 1.00 | 6.01 | 1.266 | 24.48 | 3.30 | 0.90 | -104.3 | Clear |
| 11:40 | 1.25 | 6.02 | 1.272 | 24.50 | 2.78 | 1.37 | -104.7 | Clear |
| 11:45 | 1.50 | 6.02 | 1.293 | 24.02 | 2.50 | 2.59 | -104.6 | Clear |
| 11:50 | 1.75 | 5.99 | 1.300 | 24.05 | Not Obtained | 3.70 | -102.2 | Clear |
| 11:54 | 2.00 | 6.03 | 1.315 | 24.51 | 1.28 | 4.59 | -104.2 | Clear |
| 11:59 | 2.25 | 6.01 | 1.335 | 24.79 | Not Obtained | 4.96 | -103.8 | Clear |
| 12:02 | 2.40 | 6.03 | 1.342 | 24.83 | 1.09 | 5.14 | -105.1 | Clear |
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Sample Identification: HER-MW17-051310

Weather Conditions During Sampling Clear, 88°F

Usual increase in D.O., no bubbles on D.O. probe sensor.

Comments: Strong Odor, sheen in bucket

Laboratory Analysis for Appendix IX VOC's 8260b

Signature: [Signature] Date: 5/18/2010

GROUNDWATER SAMPLE CONTAINERS

| Date | Time | Sample Container | Preservative |
|-----------|-------|------------------|--------------|
| 5/13/2010 | 12:04 | 3-40ml VOAs | None |
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Groundwater Sample Collection Log

Project Name: Hercules Chemical
Project Number: ASH4202010094

Boring ID: MW-24
Site Location: Hattiesburg, Mississippi

Start Date: 5/10/10 Finish Date: 5/13/10
Sample Technician: Brent Eanes
Purge/Sample Method: Low Flow/Low Stress with Peristaltic Pump
Well Diameter: 2"
T.O.C. Elev. AMSL 164.98
Total Depth of Well (ft) 13.00
Approximate Depth of Water Column
(h= TD of well - water level [TOC]): 4.69
Calculated Well Volume (V=6hd²)
(V = vol in gal; D = well diam. in ft): 0.77
Groundwater Elevation AMSL 156.67

| Water Level Measurements | | |
|--------------------------|-------|----------|
| Date | Time | B.T.O.C. |
| 5/10/2010 | NA | 8.31 |
| 5/12/2010 | 9:40 | 8.38 |
| 5/12/2010 | 10:15 | 8.89 |
| 5/12/2010 | 10:20 | 8.95 |
| 5/12/2010 | 10:29 | 9.08 |
| 5/12/2010 | 10:38 | 9.22 |
| 5/12/2010 | 10:50 | 9.40 |
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| WELL DEVELOPMENT/PURGING DATA | | | | | | | | |
|-------------------------------|-------------------------|------|-------------------------------|-----------------------|-----------------|-------------|--------------|----------|
| Date/Time | Cumulative Volume (gal) | pH | Specific Conductivity (mS/cm) | Temperature (Celsius) | Turbidity (NTU) | D.O. (mg/l) | ORP (mv) | Comments |
| 5/12/10 10:20 | 0.50 | 6.03 | 0.189 | 23.77 | Not Obtained | 1.61 | 50.8 | Clear |
| 10:26 | 0.75 | 6.03 | 0.209 | 23.97 | 6.88 | 0.92 | 25.5 | Clear |
| 10:32 | 1.00 | 6.08 | 0.229 | 23.90 | Not Obtained | 0.53 | -4.1 | Clear |
| 10:37 | 1.20 | 6.11 | 0.233 | 24.01 | 7.65 | 0.47 | -11.4 | Clear |
| 10:41 | 1.40 | 6.15 | 0.240 | 24.18 | Not Obtained | 0.46 | -21.5 | Clear |
| 10:46 | 1.60 | 6.17 | 0.245 | 23.39 | 8.46 | 0.36 | -29.3 | Clear |
| 10:49 | 1.70 | 6.15 | 0.246 | 23.56 | 8.44 | 0.37 | Not Obtained | Clear |
| 10:52 | 1.80 | 6.17 | 0.249 | 23.69 | 8.06 | 0.33 | Not Obtained | Clear |
| 10:55 | 1.90 | 6.18 | 0.249 | 23.79 | 8.12 | 0.36 | Not Obtained | Clear |
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Sample Identification: HER-MW24-051210 ; HER-RS02-051210
Weather Conditions During Sampling Clear, 84°F
Comments:
Signature: [Signature] Date: 5/18/2010

| GROUNDWATER SAMPLE CONTAINERS | | | |
|-------------------------------|-------|------------------|--------------|
| Date | Time | Sample Container | Preservative |
| 5/12/2010 | 10:57 | 3-40ml VOAs | None |
| RS02 | 9:50 | 3-40ml VOAs | None |
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Groundwater Sample Collection Log

Project Name: Hercules Chemical
Project Number: ASH4202010094

Boring ID: MW-22
Site Location: Hattiesburg, Mississippi

Start Date: 5/10/10 Finish Date: 5/13/10
Sample Technician: Chris Terrell
Purge/Sample Method: Low Flow/Low Stress with Peristaltic Pump
Well Diameter: 2"
T.O.C. Elev. AMSL 167.62
Total Depth of Well (ft) 15.00
Approximate Depth of Water Column
(h= TD of well - water level [TOC]): 8.67
Calculated Well Volume (V=6hd²)
(V = vol in gal; D = well diam. in ft): 1.42
Groundwater Elevation AMSL 161.29

| Water Level Measurements | | |
|--------------------------|-------|----------|
| Date | Time | B.T.O.C. |
| 5/10/2010 | NA | 6.33 |
| 5/12/2010 | 14:12 | 7.31 |
| 5/12/2010 | 14:21 | 7.15 |
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WELL DEVELOPMENT/PURGING DATA

| Date/Time | Cumulative Volume (gal) | pH | Specific Conductivity (mS/cm) | Temperature (Celsius) | Turbidity (NTU) | D.O. (mg/l) | ORP (mv) | Comments |
|---------------|-------------------------|------|-------------------------------|-----------------------|-----------------|-------------|----------|----------|
| 5/12/10 14:05 | 0.25 | 6.43 | 0.488 | 25.29 | 3.26 | 3.97 | -67.8 | Clear |
| 14:10 | 0.50 | 6.41 | 0.483 | 25.34 | 0.60 | 3.10 | -83.6 | Clear |
| 14:15 | 0.75 | 6.39 | 0.468 | 25.19 | 0.70 | 1.94 | -94.2 | Clear |
| 14:20 | 1.00 | 6.39 | 0.454 | 24.55 | 0.72 | 1.68 | -103.1 | Clear |
| 14:29 | 1.25 | 6.41 | 0.457 | 24.88 | 0.51 | 1.45 | -109.2 | Clear |
| 14:37 | 1.50 | 6.45 | 0.474 | 24.83 | 0.67 | 1.33 | -116.8 | Clear |
| 14:46 | 1.75 | 6.48 | 0.487 | 24.99 | 0.49 | 1.28 | -120.2 | Clear |
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Sample Identification: HER-MW22-051210
Weather Conditions During Sampling Clear, 90°F
Comments: _____
Signature: [Signature] Date: 5/18/2010

| GROUNDWATER SAMPLE CONTAINERS | | | |
|-------------------------------|-------|------------------|--------------|
| Date | Time | Sample Container | Preservative |
| 5/12/2010 | 14:50 | 3-40ml VOAs | None |
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Groundwater Sample Collection Log

Project Name: Hercules Chemical
Project Number: ASH4202010094

Boring ID: MW-21
Site Location: Hattiesburg, Mississippi

Start Date: 5/10/10 Finish Date: 5/13/10
Sample Technician: Brent Eanes
Purge/Sample Method: Low Flow/Low Stress with Peristaltic Pump
Well Diameter: 2"
T.O.C. Elev. AMSL: 163.66
Total Depth of Well (ft): 16.00
Approximate Depth of Water Column
(ft = TD of well - water level [TOC]): 13.12
Calculated Well Volume (V=6hd²)
(V = vol in gal; D = well diam. in ft): 2.15
Groundwater Elevation AMSL: 160.78

| Water Level Measurements | | |
|--------------------------|-------|----------|
| Date | Time | B.T.O.C. |
| 5/10/2010 | NA | 2.88 |
| 5/12/2010 | 13:54 | 2.96 |
| 5/12/2010 | 14:06 | 3.13 |
| 5/12/2010 | 14:17 | 3.12 |
| 5/12/2010 | 14:29 | 3.14 |
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| WELL DEVELOPMENT/PURGING DATA | | | | | | | | |
|-------------------------------|-------------------------|------|-------------------------------|-----------------------|-----------------|-------------|----------|-----------------|
| Date/Time | Cumulative Volume (gal) | pH | Specific Conductivity (mS/cm) | Temperature (Celsius) | Turbidity (NTU) | D.O. (mg/l) | ORP (mv) | Comments |
| 5/12/10 14:00 | 0.20 | 5.74 | 1.030 | 25.16 | 26.1 | 5.15 | -80.2 | Turbid |
| 14:07 | 0.50 | 5.25 | 0.966 | 24.66 | Not Obtained | 0.32 | -163.7 | Slightly Turbid |
| 14:14 | 0.80 | 5.18 | 1.001 | 24.74 | 1.60 | 0.34 | -132.1 | Clear |
| 14:19 | 1.00 | 5.13 | 1.062 | 24.15 | Not Obtained | 0.37 | -160.5 | Clear |
| 14:27 | 1.20 | 5.06 | 1.092 | 24.25 | 1.62 | 0.34 | -158.9 | Clear |
| 14:31 | 1.40 | 5.09 | 1.124 | 24.28 | 2.88 | 0.36 | -162.3 | Clear |
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Sample Identification: HER-MW21-051210
Weather Conditions During Sampling: Clear, 91°F
Comments: Sheen present in purge water
Signature: [Signature] Date: 5/18/2010

| GROUNDWATER SAMPLE CONTAINERS | | | |
|-------------------------------|-------|------------------|--------------|
| Date | Time | Sample Container | Preservative |
| 5/12/2010 | 14:33 | 3-40ml VOAs | None |
| | | | |
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Groundwater Sample Collection Log

Project Name: Hercules Chemical
Project Number: ASH4202010094

Boring ID: MW-23
Site Location: Hattiesburg, Mississippi

Start Date: 5/10/10 Finish Date: 5/13/10
Sample Technician: Brent Eanes
Purge/Sample Method: Low Flow/Low Stress with Peristaltic Pump
Well Diameter: 2"
T.O.C. Elev. AMSL 162.38
Total Depth of Well (ft) 14.00
Approximate Depth of Water Column
(h= TD of well - water level [TOC]): 9.78
Calculated Well Volume (V=6hd²)
(V = vol in gal; D = well diam. in ft): 1.60
Groundwater Elevation AMSL 158.16

| Water Level Measurements | | |
|--------------------------|-------|----------|
| Date | Time | B.T.O.C. |
| 5/10/2010 | NA | 4.22 |
| 5/12/2010 | 11:24 | 4.32 |
| 5/12/2010 | 11:33 | 4.60 |
| 5/12/2010 | 11:40 | 4.58 |
| 5/12/2010 | 11:46 | 4.57 |
| | | |
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WELL DEVELOPMENT/PURGING DATA

| Date/Time | Cumulative Volume (gal) | pH | Specific Conductivity (mS/cm) | Temperature (Celsius) | Turbidity (NTU) | D.O. (mg/l) | ORP (mv) | Comments |
|---------------|-------------------------|------|-------------------------------|-----------------------|-----------------|-------------|----------|----------|
| 5/12/10 11:35 | 0.50 | 5.99 | 1.198 | 24.39 | 2.91 | 0.29 | -59.9 | Clear |
| 11:39 | 0.70 | 5.97 | 1.219 | 24.43 | 3.78 | 0.24 | -65.7 | Clear |
| 11:44 | 0.90 | 5.72 | 1.665 | 25.04 | 1.03 | 0.22 | -89.7 | Clear |
| 11:49 | 1.10 | 5.43 | 2.208 | 24.80 | Not Obtained | 0.20 | -176.9 | Clear |
| 11:53 | 1.30 | 5.34 | 2.300 | 24.41 | 0.64 | 0.24 | -190.5 | Clear |
| 11:59 | 1.50 | 5.28 | 2.343 | 24.38 | Not Obtained | 0.24 | -195.5 | Clear |
| | | | | | | | | |
| | | | | | | | | |
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| | | | | | | | | |
| | | | | | | | | |

Sample Identification: HER-MW23-051210 ; Split samples with MDEQ

Weather Conditions During Sampling Clear, 88°F

Comments: Sheen, odor, water in purge bucket turned transparent gray with black solids precipitating out in purge, not in flow through cell.

Signature: [Signature] Date: 5/18/2010

GROUNDWATER SAMPLE CONTAINERS

| Date | Time | Sample Container | Preservative |
|-----------|-------|------------------|--------------|
| 5/12/2010 | 12:02 | 3-40ml VOAs | None |
| | | | |
| | | | |
| | | | |

APPENDIX B
LABORATORY ANALYTICAL RESULTS

ANALYTICAL REPORT

Job Number: 680-57580-1

Job Description: Hercules Hattiesburg GW May 2010

For:
Ashland Inc.
500 Hercules Road
Wilmington, DE 19894
Attention: Timothy Hassett



Approved for release.
Lidya Gulizia
Project Manager I
5/28/2010 1:01 PM

Lidya Gulizia
Project Manager I
lidya.gulizia@testamericainc.com
05/28/2010

cc: Caleb Dana
Mr. Charlie Jordan
Mr. Chris Waters

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

Savannah Certifications and ID #s: A2LA: 0399.01; AL: 41450; ARDEQ: 88-0692; ARDOH; CA: 03217CA; CO; CT: PH0161; DE; FL: E87052; GA: 803; Guam; HI; IL: 200022; IN; IA: 353; KS: E-10322; KY EPPC: 90084; KY UST; LA DEQ: 30690; LA DHH: LA080008; ME: 2008022; MD: 250; MA: M-GA006; MI: 9925; MS; NFESC: 249; NV: GA00006; NJ: GA769; NM; NY: 10842; NC DWQ: 269; NC DHHS: 13701; PA: 68-00474; PR: GA00006; RI: LAO00244; SC: 98001001; TN: TN0296; TX: T104704185; USEPA: GA00006; VT: VT-87052; VA: 00302; WA; WV DEP: 094; WV DHHR: 9950 C; WI DNR: 999819810; WY/EPAR8: 8TMS-Q

TestAmerica Laboratories, Inc.
TestAmerica Savannah 5102 LaRoche Avenue, Savannah, GA 31404
Tel (912) 354-7858 Fax (912) 352-0165 www.testamericainc.com



Job Narrative
680-57580-1

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

A toluene detection was reported for the rinse blank sample associated with the project samples. The rinse blank was re-analyzed and confirmed the toluene hit.

No analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

Comments

No additional comments.

METHOD SUMMARY

Client: Ashland Inc.

Job Number: 680-57580-1

| Description | Lab Location | Method | Preparation Method |
|------------------------------------|--------------|-------------|--------------------|
| Matrix Water | | | |
| Volatile Organic Compounds (GC/MS) | TAL SAV | SW846 8260B | |
| Purge and Trap | TAL SAV | | SW846 5030B |

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Ashland Inc.

Job Number: 680-57580-1

| Method | Analyst | Analyst ID |
|---------------|-----------------|-------------------|
| SW846 8260B | Bearden, Robert | RB |

SAMPLE SUMMARY

Client: Ashland Inc.

Job Number: 680-57580-1

| Lab Sample ID | Client Sample ID | Client Matrix | Date/Time Sampled | Date/Time Received |
|----------------|------------------|---------------|----------------------|-----------------------|
| 680-57580-1 | HER-CMO5-051110 | Water | 05/11/2010 0859 | 05/12/2010 0921 |
| 680-57580-2 | HER-CMO4-051110 | Water | 05/11/2010 0915 | 05/12/2010 0921 |
| 680-57580-3 | HER-CMO3-051110 | Water | 05/11/2010 0928 | 05/12/2010 0921 |
| 680-57580-4 | HER-CMO2-051110 | Water | 05/11/2010 0940 | 05/12/2010 0921 |
| 680-57580-5 | HER-CMO1-051110 | Water | 05/11/2010 0950 | 05/12/2010 0921 |
| 680-57580-6 | HER-CMO0-051110 | Water | 05/11/2010 1000 | 05/12/2010 0921 |
| 680-57580-7FD | HER-FD01-051110 | Water | 05/11/2010 0000 | 05/12/2010 0921 |
| 680-57580-8RB | HER-RS01-051110 | Water | 05/11/2010 1253 | 05/12/2010 0921 |
| 680-57580-9 | HER-MW02-051110 | Water | 05/11/2010 1119 | 05/12/2010 0921 |
| 680-57580-9MS | HER-MW02-051110 | Water | 05/11/2010 1119 | 05/12/2010 0921 |
| 680-57580-9MSD | HER-MW02-051110 | Water | 05/11/2010 1119 | 05/12/2010 0921 |
| 680-57580-10 | HER-MW03-051110 | Water | 05/11/2010 1142 | 05/12/2010 0921 |
| 680-57580-11 | HER-MW04-051110 | Water | 05/11/2010 1350 | 05/12/2010 0921 |
| 680-57580-12 | HER-MW10-051110 | Water | 05/11/2010 1340 | 05/12/2010 0921 |
| 680-57580-13 | HER-MW11-051110 | Water | 05/11/2010 1444 | 05/12/2010 0921 |
| 680-57580-14 | HER-MW05-051110 | Water | 05/11/2010 1455 | 05/12/2010 0921 |
| 680-57580-15 | HER-MW12-051110 | Water | 05/11/2010 1557 | 05/12/2010 0921 |
| 680-57580-16 | HER-MW06-051110 | Water | 05/11/2010 1555 | 05/12/2010 0921 |
| 680-57580-17TB | Trip Blank | Water | 05/11/2010 0000 | 05/12/2010 0921 |

SAMPLE RESULTS

Analytical Data

Client: Ashland Inc.

Job Number: 680-57580-1

Client Sample ID: HER-CMO5-051110

Lab Sample ID: 680-57580-1

Date Sampled: 05/11/2010 0859

Client Matrix: Water

Date Received: 05/12/2010 0921

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/14/2010 1409
 Date Prepared: 05/14/2010 1409

Analysis Batch: 680-168654

Instrument ID: MSO
 Lab File ID: o0599.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|-----------------------------|---------------|-----------|-----|
| Acetone | <25 | | 25 |
| Acetonitrile | <40 | | 40 |
| Acrolein | <20 | | 20 |
| Acrylonitrile | <20 | | 20 |
| Benzene | <1.0 | | 1.0 |
| Dichlorobromomethane | <1.0 | | 1.0 |
| Bromoform | <1.0 | | 1.0 |
| Bromomethane | <1.0 | | 1.0 |
| 2-Butanone (MEK) | <10 | | 10 |
| Carbon disulfide | <2.0 | | 2.0 |
| Carbon tetrachloride | <1.0 | | 1.0 |
| Chlorobenzene | <1.0 | | 1.0 |
| 2-Chloro-1,3-butadiene | <1.0 | | 1.0 |
| Chloroethane | <1.0 | | 1.0 |
| Chloroform | <1.0 | | 1.0 |
| Chloromethane | <1.0 | | 1.0 |
| 3-Chloro-1-propene | <1.0 | | 1.0 |
| Chlorodibromomethane | <1.0 | | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <1.0 | | 1.0 |
| Ethylene Dibromide | <1.0 | | 1.0 |
| Dibromomethane | <1.0 | | 1.0 |
| trans-1,4-Dichloro-2-butene | <2.0 | | 2.0 |
| Dichlorodifluoromethane | <1.0 | | 1.0 |
| 1,1-Dichloroethane | <1.0 | | 1.0 |
| 1,2-Dichloroethane | <1.0 | | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | 1.0 |
| 1,1-Dichloroethene | <1.0 | | 1.0 |
| 1,2-Dichloropropane | <1.0 | | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | 1.0 |
| Ethylbenzene | <1.0 | | 1.0 |
| Ethyl methacrylate | <1.0 | | 1.0 |
| 2-Hexanone | <10 | | 10 |
| Iodomethane | <5.0 | | 5.0 |
| Isobutyl alcohol | <40 | | 40 |
| Methacrylonitrile | <20 | | 20 |
| Methylene Chloride | <5.0 | | 5.0 |
| Methyl methacrylate | <1.0 | | 1.0 |
| 4-Methyl-2-pentanone (MIBK) | <10 | | 10 |
| Pentachloroethane | <5.0 | | 5.0 |
| Propionitrile | <20 | | 20 |
| Styrene | <1.0 | | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | 1.0 |
| Tetrachloroethene | <1.0 | | 1.0 |

Analytical Data

Client: Ashland Inc.

Job Number: 680-57580-1

Client Sample ID: HER-CMO5-051110

Lab Sample ID: 680-57580-1

Client Matrix: Water

Date Sampled: 05/11/2010 0859

Date Received: 05/12/2010 0921

8260B Volatile Organic Compounds (GC/MS)

| | | | | |
|----------------|-----------------|----------------------------|------------------------|---------|
| Method: | 8260B | Analysis Batch: 680-168654 | Instrument ID: | MSO |
| Preparation: | 5030B | | Lab File ID: | o0599.d |
| Dilution: | 1.0 | | Initial Weight/Volume: | 5 mL |
| Date Analyzed: | 05/14/2010 1409 | | Final Weight/Volume: | 5 mL |
| Date Prepared: | 05/14/2010 1409 | | | |

| Analyte | Result (ug/L) | Qualifier | RL |
|------------------------|---------------|-----------|-----|
| Toluene | <1.0 | | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | 1.0 |
| Trichloroethene | <1.0 | | 1.0 |
| Trichlorofluoromethane | <1.0 | | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | 1.0 |
| Vinyl acetate | <2.0 | | 2.0 |
| Vinyl chloride | <1.0 | | 1.0 |
| Xylenes, Total | <2.0 | | 2.0 |

| Surrogate | %Rec | Qualifier | Acceptance Limits |
|----------------------|------|-----------|-------------------|
| 4-Bromofluorobenzene | 86 | | 75 - 120 |
| Dibromofluoromethane | 106 | | 75 - 121 |
| Toluene-d8 (Surr) | 100 | | 75 - 120 |

Analytical Data

Client: Ashland Inc.

Job Number: 680-57580-1

Client Sample ID: HER-CMO4-051110

Lab Sample ID: 680-57580-2

Date Sampled: 05/11/2010 0915

Client Matrix: Water

Date Received: 05/12/2010 0921

8260B Volatile Organic Compounds (GC/MS)

| | | | | |
|----------------|-----------------|----------------------------|------------------------|---------|
| Method: | 8260B | Analysis Batch: 680-168654 | Instrument ID: | MSO |
| Preparation: | 5030B | | Lab File ID: | o0601.d |
| Dilution: | 1.0 | | Initial Weight/Volume: | 5 mL |
| Date Analyzed: | 05/14/2010 1438 | | Final Weight/Volume: | 5 mL |
| Date Prepared: | 05/14/2010 1438 | | | |

| Analyte | Result (ug/L) | Qualifier | RL |
|-----------------------------|---------------|-----------|-----|
| Acetone | <25 | | 25 |
| Acetonitrile | <40 | | 40 |
| Acrolein | <20 | | 20 |
| Acrylonitrile | <20 | | 20 |
| Benzene | <1.0 | | 1.0 |
| Dichlorobromomethane | <1.0 | | 1.0 |
| Bromoform | <1.0 | | 1.0 |
| Bromomethane | <1.0 | | 1.0 |
| 2-Butanone (MEK) | <10 | | 10 |
| Carbon disulfide | <2.0 | | 2.0 |
| Carbon tetrachloride | <1.0 | | 1.0 |
| Chlorobenzene | <1.0 | | 1.0 |
| 2-Chloro-1,3-butadiene | <1.0 | | 1.0 |
| Chloroethane | <1.0 | | 1.0 |
| Chloroform | <1.0 | | 1.0 |
| Chloromethane | <1.0 | | 1.0 |
| 3-Chloro-1-propene | <1.0 | | 1.0 |
| Chlorodibromomethane | <1.0 | | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <1.0 | | 1.0 |
| Ethylene Dibromide | <1.0 | | 1.0 |
| Dibromomethane | <1.0 | | 1.0 |
| trans-1,4-Dichloro-2-butene | <2.0 | | 2.0 |
| Dichlorodifluoromethane | <1.0 | | 1.0 |
| 1,1-Dichloroethane | <1.0 | | 1.0 |
| 1,2-Dichloroethane | <1.0 | | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | 1.0 |
| 1,1-Dichloroethene | <1.0 | | 1.0 |
| 1,2-Dichloropropane | <1.0 | | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | 1.0 |
| Ethylbenzene | <1.0 | | 1.0 |
| Ethyl methacrylate | <1.0 | | 1.0 |
| 2-Hexanone | <10 | | 10 |
| Iodomethane | <5.0 | | 5.0 |
| Isobutyl alcohol | <40 | | 40 |
| Methacrylonitrile | <20 | | 20 |
| Methylene Chloride | <5.0 | | 5.0 |
| Methyl methacrylate | <1.0 | | 1.0 |
| 4-Methyl-2-pentanone (MIBK) | <10 | | 10 |
| Pentachloroethane | <5.0 | | 5.0 |
| Propionitrile | <20 | | 20 |
| Styrene | <1.0 | | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | 1.0 |
| Tetrachloroethene | <1.0 | | 1.0 |

Analytical Data

Client: Ashland Inc.

Job Number: 680-57580-1

Client Sample ID: HER-CMO4-051110

Lab Sample ID: 680-57580-2

Date Sampled: 05/11/2010 0915

Client Matrix: Water

Date Received: 05/12/2010 0921

8260B Volatile Organic Compounds (GC/MS)

| | | | | |
|----------------|-----------------|----------------------------|------------------------|---------|
| Method: | 8260B | Analysis Batch: 680-168654 | Instrument ID: | MSO |
| Preparation: | 5030B | | Lab File ID: | o0601.d |
| Dilution: | 1.0 | | Initial Weight/Volume: | 5 mL |
| Date Analyzed: | 05/14/2010 1438 | | Final Weight/Volume: | 5 mL |
| Date Prepared: | 05/14/2010 1438 | | | |

| Analyte | Result (ug/L) | Qualifier | RL |
|------------------------|---------------|-----------|-----|
| Toluene | <1.0 | | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | 1.0 |
| Trichloroethene | <1.0 | | 1.0 |
| Trichlorofluoromethane | <1.0 | | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | 1.0 |
| Vinyl acetate | <2.0 | | 2.0 |
| Vinyl chloride | <1.0 | | 1.0 |
| Xylenes, Total | <2.0 | | 2.0 |

| Surrogate | %Rec | Qualifier | Acceptance Limits |
|----------------------|------|-----------|-------------------|
| 4-Bromofluorobenzene | 84 | | 75 - 120 |
| Dibromofluoromethane | 105 | | 75 - 121 |
| Toluene-d8 (Surr) | 100 | | 75 - 120 |

Analytical Data

Client: Ashland Inc.

Job Number: 680-57580-1

Client Sample ID: HER-CMO3-051110

Lab Sample ID: 680-57580-3

Date Sampled: 05/11/2010 0928

Client Matrix: Water

Date Received: 05/12/2010 0921

8260B Volatile Organic Compounds (GC/MS)

| | | | |
|----------------|-----------------|----------------------------|-----------------------------|
| Method: | 8260B | Analysis Batch: 680-168654 | Instrument ID: MSO |
| Preparation: | 5030B | | Lab File ID: o0603.d |
| Dilution: | 1.0 | | Initial Weight/Volume: 5 mL |
| Date Analyzed: | 05/14/2010 1506 | | Final Weight/Volume: 5 mL |
| Date Prepared: | 05/14/2010 1506 | | |

| Analyte | Result (ug/L) | Qualifier | RL |
|-----------------------------|---------------|-----------|-----|
| Acetone | <25 | | 25 |
| Acetonitrile | <40 | | 40 |
| Acrolein | <20 | | 20 |
| Acrylonitrile | <20 | | 20 |
| Benzene | <1.0 | | 1.0 |
| Dichlorobromomethane | <1.0 | | 1.0 |
| Bromoform | <1.0 | | 1.0 |
| Bromomethane | <1.0 | | 1.0 |
| 2-Butanone (MEK) | <10 | | 10 |
| Carbon disulfide | <2.0 | | 2.0 |
| Carbon tetrachloride | <1.0 | | 1.0 |
| Chlorobenzene | <1.0 | | 1.0 |
| 2-Chloro-1,3-butadiene | <1.0 | | 1.0 |
| Chloroethane | <1.0 | | 1.0 |
| Chloroform | <1.0 | | 1.0 |
| Chloromethane | <1.0 | | 1.0 |
| 3-Chloro-1-propene | <1.0 | | 1.0 |
| Chlorodibromomethane | <1.0 | | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <1.0 | | 1.0 |
| Ethylene Dibromide | <1.0 | | 1.0 |
| Dibromomethane | <1.0 | | 1.0 |
| trans-1,4-Dichloro-2-butene | <2.0 | | 2.0 |
| Dichlorodifluoromethane | <1.0 | | 1.0 |
| 1,1-Dichloroethane | <1.0 | | 1.0 |
| 1,2-Dichloroethane | <1.0 | | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | 1.0 |
| 1,1-Dichloroethene | <1.0 | | 1.0 |
| 1,2-Dichloropropane | <1.0 | | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | 1.0 |
| Ethylbenzene | <1.0 | | 1.0 |
| Ethyl methacrylate | <1.0 | | 1.0 |
| 2-Hexanone | <10 | | 10 |
| Iodomethane | <5.0 | | 5.0 |
| Isobutyl alcohol | <40 | | 40 |
| Methacrylonitrile | <20 | | 20 |
| Methylene Chloride | <5.0 | | 5.0 |
| Methyl methacrylate | <1.0 | | 1.0 |
| 4-Methyl-2-pentanone (MIBK) | <10 | | 10 |
| Pentachloroethane | <5.0 | | 5.0 |
| Propionitrile | <20 | | 20 |
| Styrene | <1.0 | | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | 1.0 |
| Tetrachloroethene | <1.0 | | 1.0 |

Analytical Data

Client: Ashland Inc.

Job Number: 680-57580-1

Client Sample ID: HER-CMO3-051110

Lab Sample ID: 680-57580-3

Date Sampled: 05/11/2010 0928

Client Matrix: Water

Date Received: 05/12/2010 0921

8260B Volatile Organic Compounds (GC/MS)

| | | | | |
|----------------|-----------------|----------------------------|------------------------|---------|
| Method: | 8260B | Analysis Batch: 680-168654 | Instrument ID: | MSO |
| Preparation: | 5030B | | Lab File ID: | o0603.d |
| Dilution: | 1.0 | | Initial Weight/Volume: | 5 mL |
| Date Analyzed: | 05/14/2010 1506 | | Final Weight/Volume: | 5 mL |
| Date Prepared: | 05/14/2010 1506 | | | |

| Analyte | Result (ug/L) | Qualifier | RL |
|------------------------|---------------|-----------|-----|
| Toluene | <1.0 | | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | 1.0 |
| Trichloroethene | <1.0 | | 1.0 |
| Trichlorofluoromethane | <1.0 | | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | 1.0 |
| Vinyl acetate | <2.0 | | 2.0 |
| Vinyl chloride | <1.0 | | 1.0 |
| Xylenes, Total | <2.0 | | 2.0 |

| Surrogate | %Rec | Qualifier | Acceptance Limits |
|----------------------|------|-----------|-------------------|
| 4-Bromofluorobenzene | 86 | | 75 - 120 |
| Dibromofluoromethane | 104 | | 75 - 121 |
| Toluene-d8 (Sum) | 100 | | 75 - 120 |

Analytical Data

Client: Ashland Inc.

Job Number: 680-57580-1

Client Sample ID: HER-CMO2-051110

Lab Sample ID: 680-57580-4

Date Sampled: 05/11/2010 0940

Client Matrix: Water

Date Received: 05/12/2010 0921

8260B Volatile Organic Compounds (GC/MS)

| | | | | |
|----------------|-----------------|----------------------------|------------------------|---------|
| Method: | 8260B | Analysis Batch: 680-168654 | Instrument ID: | MSO |
| Preparation: | 5030B | | Lab File ID: | o0605.d |
| Dilution: | 1.0 | | Initial Weight/Volume: | 5 mL |
| Date Analyzed: | 05/14/2010 1535 | | Final Weight/Volume: | 5 mL |
| Date Prepared: | 05/14/2010 1535 | | | |

| Analyte | Result (ug/L) | Qualifier | RL |
|-----------------------------|---------------|-----------|-----|
| Acetone | <25 | | 25 |
| Acetonitrile | <40 | | 40 |
| Acrolein | <20 | | 20 |
| Acrylonitrile | <20 | | 20 |
| Benzene | <1.0 | | 1.0 |
| Dichlorobromomethane | <1.0 | | 1.0 |
| Bromoform | <1.0 | | 1.0 |
| Bromomethane | <1.0 | | 1.0 |
| 2-Butanone (MEK) | <10 | | 10 |
| Carbon disulfide | <2.0 | | 2.0 |
| Carbon tetrachloride | <1.0 | | 1.0 |
| Chlorobenzene | <1.0 | | 1.0 |
| 2-Chloro-1,3-butadiene | <1.0 | | 1.0 |
| Chloroethane | <1.0 | | 1.0 |
| Chloroform | <1.0 | | 1.0 |
| Chloromethane | <1.0 | | 1.0 |
| 3-Chloro-1-propene | <1.0 | | 1.0 |
| Chlorodibromomethane | <1.0 | | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <1.0 | | 1.0 |
| Ethylene Dibromide | <1.0 | | 1.0 |
| Dibromomethane | <1.0 | | 1.0 |
| trans-1,4-Dichloro-2-butene | <2.0 | | 2.0 |
| Dichlorodifluoromethane | <1.0 | | 1.0 |
| 1,1-Dichloroethane | <1.0 | | 1.0 |
| 1,2-Dichloroethane | <1.0 | | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | 1.0 |
| 1,1-Dichloroethene | <1.0 | | 1.0 |
| 1,2-Dichloropropane | <1.0 | | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | 1.0 |
| Ethylbenzene | <1.0 | | 1.0 |
| Ethyl methacrylate | <1.0 | | 1.0 |
| 2-Hexanone | <10 | | 10 |
| Iodomethane | <5.0 | | 5.0 |
| Isobutyl alcohol | <40 | | 40 |
| Methacrylonitrile | <20 | | 20 |
| Methylene Chloride | <5.0 | | 5.0 |
| Methyl methacrylate | <1.0 | | 1.0 |
| 4-Methyl-2-pentanone (MIBK) | <10 | | 10 |
| Pentachloroethane | <5.0 | | 5.0 |
| Propionitrile | <20 | | 20 |
| Styrene | <1.0 | | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | 1.0 |
| 1,1,1,2,2-Tetrachloroethane | <1.0 | | 1.0 |
| Tetrachloroethene | <1.0 | | 1.0 |

Analytical Data

Client: Ashland Inc.

Job Number: 680-57580-1

Client Sample ID: HER-CMO2-051110

Lab Sample ID: 680-57580-4

Date Sampled: 05/11/2010 0940

Client Matrix: Water

Date Received: 05/12/2010 0921

8260B Volatile Organic Compounds (GC/MS)

| | | | | |
|----------------|-----------------|----------------------------|------------------------|---------|
| Method: | 8260B | Analysis Batch: 680-168654 | Instrument ID: | MSO |
| Preparation: | 5030B | | Lab File ID: | o0605.d |
| Dilution: | 1.0 | | Initial Weight/Volume: | 5 mL |
| Date Analyzed: | 05/14/2010 1535 | | Final Weight/Volume: | 5 mL |
| Date Prepared: | 05/14/2010 1535 | | | |

| Analyte | Result (ug/L) | Qualifier | RL |
|------------------------|---------------|-----------|-----|
| Toluene | <1.0 | | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | 1.0 |
| Trichloroethene | <1.0 | | 1.0 |
| Trichlorofluoromethane | <1.0 | | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | 1.0 |
| Vinyl acetate | <2.0 | | 2.0 |
| Vinyl chloride | <1.0 | | 1.0 |
| Xylenes, Total | <2.0 | | 2.0 |

| Surrogate | %Rec | Qualifier | Acceptance Limits |
|----------------------|------|-----------|-------------------|
| 4-Bromofluorobenzene | 86 | | 75 - 120 |
| Dibromofluoromethane | 105 | | 75 - 121 |
| Toluene-d8 (Sur) | 100 | | 75 - 120 |

Analytical Data

Client: Ashland Inc.

Job Number: 680-57580-1

Client Sample ID: HER-CMO1-051110

Lab Sample ID: 680-57580-5

Date Sampled: 05/11/2010 0950

Client Matrix: Water

Date Received: 05/12/2010 0921

8260B Volatile Organic Compounds (GC/MS)

| | | | |
|----------------|-----------------|----------------------------|-----------------------------|
| Method: | 8260B | Analysis Batch: 680-168654 | Instrument ID: MSO |
| Preparation: | 5030B | | Lab File ID: o0607.d |
| Dilution: | 1.0 | | Initial Weight/Volume: 5 mL |
| Date Analyzed: | 05/14/2010 1604 | | Final Weight/Volume: 5 mL |
| Date Prepared: | 05/14/2010 1604 | | |

| Analyte | Result (ug/L) | Qualifier | RL |
|-----------------------------|---------------|-----------|-----|
| Acetone | <25 | | 25 |
| Acetonitrile | <40 | | 40 |
| Acrolein | <20 | | 20 |
| Acrylonitrile | <20 | | 20 |
| Benzene | <1.0 | | 1.0 |
| Dichlorobromomethane | <1.0 | | 1.0 |
| Bromoform | <1.0 | | 1.0 |
| Bromomethane | <1.0 | | 1.0 |
| 2-Butanone (MEK) | <10 | | 10 |
| Carbon disulfide | <2.0 | | 2.0 |
| Carbon tetrachloride | <1.0 | | 1.0 |
| Chlorobenzene | <1.0 | | 1.0 |
| 2-Chloro-1,3-butadiene | <1.0 | | 1.0 |
| Chloroethane | <1.0 | | 1.0 |
| Chloroform | <1.0 | | 1.0 |
| Chloromethane | <1.0 | | 1.0 |
| 3-Chloro-1-propene | <1.0 | | 1.0 |
| Chlorodibromomethane | <1.0 | | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <1.0 | | 1.0 |
| Ethylene Dibromide | <1.0 | | 1.0 |
| Dibromomethane | <1.0 | | 1.0 |
| trans-1,4-Dichloro-2-butene | <2.0 | | 2.0 |
| Dichlorodifluoromethane | <1.0 | | 1.0 |
| 1,1-Dichloroethane | <1.0 | | 1.0 |
| 1,2-Dichloroethane | <1.0 | | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | 1.0 |
| 1,1-Dichloroethene | <1.0 | | 1.0 |
| 1,2-Dichloropropane | <1.0 | | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | 1.0 |
| Ethylbenzene | <1.0 | | 1.0 |
| Ethyl methacrylate | <1.0 | | 1.0 |
| 2-Hexanone | <10 | | 10 |
| Iodomethane | <5.0 | | 5.0 |
| Isobutyl alcohol | <40 | | 40 |
| Methacrylonitrile | <20 | | 20 |
| Methylene Chloride | <5.0 | | 5.0 |
| Methyl methacrylate | <1.0 | | 1.0 |
| 4-Methyl-2-pentanone (MIBK) | <10 | | 10 |
| Pentachloroethane | <5.0 | | 5.0 |
| Propionitrile | <20 | | 20 |
| Styrene | <1.0 | | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | 1.0 |
| Tetrachloroethene | <1.0 | | 1.0 |

Analytical Data

Client: Ashland Inc.

Job Number: 680-57580-1

Client Sample ID: HER-CMO1-051110

Lab Sample ID: 680-57580-5

Date Sampled: 05/11/2010 0950

Client Matrix: Water

Date Received: 05/12/2010 0921

8260B Volatile Organic Compounds (GC/MS)

| | | | | |
|----------------|-----------------|----------------------------|------------------------|---------|
| Method: | 8260B | Analysis Batch: 680-168654 | Instrument ID: | MSO |
| Preparation: | 5030B | | Lab File ID: | o0607.d |
| Dilution: | 1.0 | | Initial Weight/Volume: | 5 mL |
| Date Analyzed: | 05/14/2010 1604 | | Final Weight/Volume: | 5 mL |
| Date Prepared: | 05/14/2010 1604 | | | |

| Analyte | Result (ug/L) | Qualifier | RL |
|------------------------|---------------|-----------|-----|
| Toluene | <1.0 | | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | 1.0 |
| Trichloroethene | <1.0 | | 1.0 |
| Trichlorofluoromethane | <1.0 | | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | 1.0 |
| Vinyl acetate | <2.0 | | 2.0 |
| Vinyl chloride | <1.0 | | 1.0 |
| Xylenes, Total | <2.0 | | 2.0 |

| Surrogate | %Rec | Qualifier | Acceptance Limits |
|----------------------|------|-----------|-------------------|
| 4-Bromofluorobenzene | 86 | | 75 - 120 |
| Dibromofluoromethane | 103 | | 75 - 121 |
| Toluene-d8 (Surr) | 102 | | 75 - 120 |

Analytical Data

Client: Ashland Inc.

Job Number: 680-57580-1

Client Sample ID: HER-CMO0-051110

Lab Sample ID: 680-57580-6

Date Sampled: 05/11/2010 1000

Client Matrix: Water

Date Received: 05/12/2010 0921

8260B Volatile Organic Compounds (GC/MS)

| | | | | |
|----------------|-----------------|----------------------------|------------------------|---------|
| Method: | 8260B | Analysis Batch: 680-168785 | Instrument ID: | MSO2 |
| Preparation: | 5030B | | Lab File ID: | o0722.d |
| Dilution: | 1.0 | | Initial Weight/Volume: | 5 mL |
| Date Analyzed: | 05/17/2010 1917 | | Final Weight/Volume: | 5 mL |
| Date Prepared: | 05/17/2010 1917 | | | |

| Analyte | Result (ug/L) | Qualifier | RL |
|-----------------------------|---------------|-----------|-----|
| Acetone | <25 | | 25 |
| Acetonitrile | <40 | | 40 |
| Acrolein | <20 | | 20 |
| Acrylonitrile | <20 | | 20 |
| Benzene | <1.0 | | 1.0 |
| Dichlorobromomethane | <1.0 | | 1.0 |
| Bromoform | <1.0 | | 1.0 |
| Bromomethane | <1.0 | | 1.0 |
| 2-Butanone (MEK) | <10 | | 10 |
| Carbon disulfide | <2.0 | | 2.0 |
| Carbon tetrachloride | <1.0 | | 1.0 |
| Chlorobenzene | <1.0 | | 1.0 |
| 2-Chloro-1,3-butadiene | <1.0 | | 1.0 |
| Chloroethane | <1.0 | | 1.0 |
| Chloroform | <1.0 | | 1.0 |
| Chloromethane | <1.0 | | 1.0 |
| 3-Chloro-1-propene | <1.0 | | 1.0 |
| Chlorodibromomethane | <1.0 | | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <1.0 | | 1.0 |
| Ethylene Dibromide | <1.0 | | 1.0 |
| Dibromomethane | <1.0 | | 1.0 |
| trans-1,4-Dichloro-2-butene | <2.0 | | 2.0 |
| Dichlorodifluoromethane | <1.0 | | 1.0 |
| 1,1-Dichloroethane | <1.0 | | 1.0 |
| 1,2-Dichloroethane | <1.0 | | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | 1.0 |
| 1,1-Dichloroethene | <1.0 | | 1.0 |
| 1,2-Dichloropropane | <1.0 | | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | 1.0 |
| Ethylbenzene | <1.0 | | 1.0 |
| Ethyl methacrylate | <1.0 | | 1.0 |
| 2-Hexanone | <10 | | 10 |
| Iodomethane | <5.0 | | 5.0 |
| Isobutyl alcohol | <40 | | 40 |
| Methacrylonitrile | <20 | | 20 |
| Methylene Chloride | <5.0 | | 5.0 |
| Methyl methacrylate | <1.0 | | 1.0 |
| 4-Methyl-2-pentanone (MIBK) | <10 | | 10 |
| Pentachloroethane | <5.0 | | 5.0 |
| Propionitrile | <20 | | 20 |
| Styrene | <1.0 | | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | 1.0 |
| 1,1,1,2,2-Tetrachloroethane | <1.0 | | 1.0 |
| Tetrachloroethene | <1.0 | | 1.0 |

Analytical Data

Client: Ashland Inc.

Job Number: 680-57580-1

Client Sample ID: HER-CMO0-051110

Lab Sample ID: 680-57580-6

Date Sampled: 05/11/2010 1000

Client Matrix: Water

Date Received: 05/12/2010 0921

8260B Volatile Organic Compounds (GC/MS)

| | | | | |
|----------------|-----------------|----------------------------|------------------------|---------|
| Method: | 8260B | Analysis Batch: 680-168785 | Instrument ID: | M502 |
| Preparation: | 5030B | | Lab File ID: | o0722.d |
| Dilution: | 1.0 | | Initial Weight/Volume: | 5 mL |
| Date Analyzed: | 05/17/2010 1917 | | Final Weight/Volume: | 5 mL |
| Date Prepared: | 05/17/2010 1917 | | | |

| Analyte | Result (ug/L) | Qualifier | RL |
|------------------------|---------------|-----------|-----|
| Toluene | <1.0 | | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | 1.0 |
| Trichloroethene | <1.0 | | 1.0 |
| Trichlorofluoromethane | <1.0 | | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | 1.0 |
| Vinyl acetate | <2.0 | | 2.0 |
| Vinyl chloride | <1.0 | | 1.0 |
| Xylenes, Total | <2.0 | | 2.0 |

| Surrogate | %Rec | Qualifier | Acceptance Limits |
|----------------------|------|-----------|-------------------|
| 4-Bromofluorobenzene | 99 | | 75 - 120 |
| Dibromofluoromethane | 111 | | 75 - 121 |
| Toluene-d8 (Surr) | 100 | | 75 - 120 |

Analytical Data

Client: Ashland Inc.

Job Number: 680-57580-1

Client Sample ID: HER-FD01-051110

Lab Sample ID: 680-57580-7FD

Date Sampled: 05/11/2010 0000

Client Matrix: Water

Date Received: 05/12/2010 0921

8260B Volatile Organic Compounds (GC/MS)

| | | | | |
|----------------|-----------------|----------------------------|------------------------|---------|
| Method: | 8260B | Analysis Batch: 680-168840 | Instrument ID: | MSO |
| Preparation: | 5030B | | Lab File ID: | o0659.d |
| Dilution: | 1.0 | | Initial Weight/Volume: | 5 mL |
| Date Analyzed: | 05/16/2010 1345 | | Final Weight/Volume: | 5 mL |
| Date Prepared: | 05/16/2010 1345 | | | |

| Analyte | Result (ug/L) | Qualifier | RL |
|-----------------------------|---------------|-----------|-----|
| Acetone | <25 | | 25 |
| Acetonitrile | <40 | | 40 |
| Acrolein | <20 | | 20 |
| Acrylonitrile | <20 | | 20 |
| Benzene | <1.0 | | 1.0 |
| Dichlorobromomethane | <1.0 | | 1.0 |
| Bromoform | <1.0 | | 1.0 |
| Bromomethane | <1.0 | | 1.0 |
| 2-Butanone (MEK) | <10 | | 10 |
| Carbon disulfide | <2.0 | | 2.0 |
| Carbon tetrachloride | <1.0 | | 1.0 |
| Chlorobenzene | <1.0 | | 1.0 |
| 2-Chloro-1,3-butadiene | <1.0 | | 1.0 |
| Chloroethane | <1.0 | | 1.0 |
| Chloroform | <1.0 | | 1.0 |
| Chloromethane | <1.0 | | 1.0 |
| 3-Chloro-1-propene | <1.0 | | 1.0 |
| Chlorodibromomethane | <1.0 | | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <1.0 | | 1.0 |
| Ethylene Dibromide | <1.0 | | 1.0 |
| Dibromomethane | <1.0 | | 1.0 |
| trans-1,4-Dichloro-2-butene | <2.0 | | 2.0 |
| Dichlorodifluoromethane | <1.0 | | 1.0 |
| 1,1-Dichloroethane | <1.0 | | 1.0 |
| 1,2-Dichloroethane | <1.0 | | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | 1.0 |
| 1,1-Dichloroethene | <1.0 | | 1.0 |
| 1,2-Dichloropropane | <1.0 | | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | 1.0 |
| Ethylbenzene | <1.0 | | 1.0 |
| Ethyl methacrylate | <1.0 | | 1.0 |
| 2-Hexanone | <10 | | 10 |
| Iodomethane | <5.0 | | 5.0 |
| Isobutyl alcohol | <40 | | 40 |
| Methacrylonitrile | <20 | | 20 |
| Methylene Chloride | <5.0 | | 5.0 |
| Methyl methacrylate | <1.0 | | 1.0 |
| 4-Methyl-2-pentanone (MIBK) | <10 | | 10 |
| Pentachloroethane | <5.0 | | 5.0 |
| Propionitrile | <20 | | 20 |
| Styrene | <1.0 | | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | 1.0 |
| Tetrachloroethene | <1.0 | | 1.0 |