October 10, 2011

Mr. Forest Arnold
Maryland Department of the Environment
Oil Control Program
1800 Washington Blvd.
Baltimore, MD 21230

Re: Third Quarter 2011 Status Report
Third Party Shell Service Station #137675
15541 New Hampshire Avenue, Silver Spring, MD
MDE Case # 03-0695MO1

Dear Mr. Arnold:

On behalf of Motiva Enterprises LLC (Motiva), URS Corporation (URS) is submitting the Third Quarter 2011 Site Status Report for the above referenced site. This report presents the site activities and sampling results for the third quarter of 2011.

If you have any questions regarding the Quarterly Status Report or require additional information, please do not hesitate to contact Mr. Edward Henke, Motiva, at 770.564.2504 or the undersigned at 301.258.9780.

Sincerely,
URS CORPORATION

Jenna Anthony

Adrian Rogers

Jenna Anthony
Site Manager

Adriane M. Rogers
Project Manager

Attachment

Cc: Doug Weimer – Motiva Enterprises, LLC
Forest Arnold - MDE (2 additional copies w/CD)
George Rudy – owner
Philip Mitchell – Mitchell Companies
Reference Librarian – Fairland Regional Library

URS Corporation
12420 Milestone Center Drive, Suite 150
Germantown, MD 20876
Tel: 301-820-3000
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THIRD QUARTER 2011
QUARTERLY STATUS REPORT

FORMER SHELL SERVICE STATION #137675
15541 NEW HAMPSHIRE AVE.
SILVER SPRING, MD
MDE CASE #03-0695 MO1

Prepared for

Motiva Enterprises LLC
4094 Majestic Lane
PMB 224
Fairfax, VA 22033

And

Maryland Department of the Environment
Oil Control Program
1800 Washington Blvd.
Baltimore, MD 21230

October 2011

URS Corporation
12420 Milestone Center Drive, Suite 150
Germantown, MD 20876
Phone (301) 820-3000

REPORTING PERIOD: July 2011 – September 2011

AGENCY CONTACT: Mr. Forest Arnold

MOTIVA CONTACT: Mr. Doug Weimer, (703) 272-7097

URS CONTACT: Ms. Adriane M. Rogers, (301) 258-9780

1.0 SITE DESCRIPTION

Site Use: Former Shell Service Station, currently Citgo station.

Surrounding Area: The Site is located in a mixed commercial and residential area.

Lithology: The overburden sequence, which is formed as rolling upland and steep sided strike valleys, is rarely more than 100 feet thick. In the immediate site area, the overburden is 60-70 feet thick. The overburden consists of primarily micaceous saprolite and is floored by a weathered schist bounding the competent bedrock zone. Monitoring wells in the weathered schist are screened approximately 63-80 ft bgs (deep wells (D)), while wells screened in the bedrock aquifer are located in the range of 70-100 ft bgs (rock wells (R)). The bedrock geology in the area of the Site is primarily comprised of schist containing mica, quartz and garnet with pelitic origins. The overburden (saprolite) mineralogy likely consists of oxides and clay-species pseudomorphs of the original schist which have been altered during in-situ chemical weathering from both historic and current groundwater interactions. Relict foliation, evident in the saprolitic overburden, has been noted as horizontal to sub-horizontal.

Sensitive Receptors:

Basements / Underground Receptors: There are single-family homes, many with basements, northwest of the site on Bryants Nursery Road.

Surface Water / Wetlands: The Bryants Nursery Run and Storm Water Runoff Ponds. There are no wetlands downgradient of the Site.

Potable Wells: There are potable wells in use within 2,500 feet of the station on New Hampshire Avenue and Bryants Nursery Road. A public water main (WSSC) has been installed on Bryants Nursery Road extending to houses 710 and 711. At the time of this report, all homes which can be connected are connected to this water main. All potable carbon treatment units have been removed at this time.

2.0 SITE HISTORY

- In September 2002, the Shell Station was closed for business.
- In November 2002, underground storage tank (UST) and line removal activities took place. Three 10,000-gallon gasoline USTs, three hydraulic lifts, one 1,000-gallon heating oil UST, and one 1,000-gallon used oil UST were removed from the ground.
- In February 2003, a Work plan and Tank Removal Report was submitted to the Maryland Department of the Environment (MDE) and recommended the installation of four monitoring wells on site.
- In August 2003, the MDE gave verbal direction to Motiva to sample the area's potable wells.
- In September 2003, the first round of potable well sampling was initiated. Samples were collected from 15526 and 15529 New Hampshire Avenue.

- In September 2003, Motiva, EnviroTrac, the station Property owner (George Rudy, DPI Properties), and MDE personnel attended a meeting at the MDE office regarding the site.
- In October 2003, the second round of potable well sampling was initiated. Samples were collected from seventeen (17) potable wells on Bryants Nursery Road (611, 621, 650, 651, 660, 661, 670, 700, 710, 711, 720, 721, 730, 731, 740, 741, and 751) located adjacent from the station across New Hampshire Avenue and one (1) potable well on Snider Lane (715) located northeast of the station.
- In November 2003, Point of Entry Treatment (POET) filtration systems were installed on potable wells of three (3) homes on Bryants Nursery Road (720, 730, and 731).
- From December 2003 to January 2004, monitoring wells MW-01 through MW-06 were installed.
- In February 2004, monitoring wells MW-05S, MW-06S, MW-06D, MW-07S, MW-08S, MW-08D, and MW09S were installed.
- In March 2004, monitoring wells MW-05D, MW-07D, MW-09D, and MW-10 were installed.
- In March 2004, a soil vapor extraction (SVE) test was conducted onsite.
- In April 2004, monitoring wells MW-11S and MW-11D were installed.
- In June 2004, bedrock wells MW-05R, MW-06R, and MW-11R were installed, including rock coring, packer & geophysical testing.
- In June 2004, a groundwater pump and treat system was installed onsite. The system was connected to monitoring wells MW-01, MW-03, and MW-10 and consisted of two (2) 2,000-lb liquid phase granular activated carbon (LGAC) units prior to discharge.
- In July 2004, the onsite groundwater pump and treat system was started.
- In August 2004, pump tests were completed to determine the radius of influence of monitoring wells MW-05D and MW-06D.
- In September 2004, an SVE pilot test was performed on monitoring wells MW-01, MW-03, and MW-10.
- In March 2005, the onsite SVE system was started.
- In July 2005, three (3) nested wells were installed (750 BNR, 750 BND, and 750 BNS) at 750 Bryants Nursery Rd.
- In September 2005, the MDE approved the proposed extension of the groundwater pump and treat system across New Hampshire Avenue to monitoring wells MW-05S, MW-11S, MW-06D, and MW-08D, if further remediation was needed.
- In December 2005, Road Opening Permit was approved by Montgomery County to conduct horizontal drilling under New Hampshire Avenue and extend remediation system piping to monitoring wells MW-05S, MW-11S, MW-06D, and MW-08D located across New Hampshire Avenue.
- In January 2006, Road Opening Permit was approved by the State Highway Administration.
- In August 2006, the environmental management was transferred from EnviroTrac to Groundwater Environmental Services (GES). The MDE sent an update letter regarding the Site to the Cloverly Civic Association.
- In March 2007, the MDE sent a letter to the resident at 660 Bryants Nursery Road

indicating that Shell would be sampling their potable well on a monthly basis for a period of one year and indicating that hydrofracturing during the installation of their new potable well might have contributed to the initial detections of petroleum constituents in their new well.

- In March 2007, the MDE issued a letter indicating that the remediation shed must be upgraded by March 30, 2007.
- In May 2007, a Subsurface Investigation Work Plan was prepared recommending that deep and rock groundwater monitoring points be installed in the vicinity of the former potable well at 730 Bryants Nursery Road. A Pilot Test Work Plan to address the offsite impacts in the deep groundwater aquifer was submitted. The Work Plan recommended using vacuum enhanced groundwater extraction (VEGE) technology to complete a Pilot Test using existing monitoring well MW-06D and a new well to be installed in the vicinity of monitoring wells MW-06D and MW-06R. The plans were approved by the MDE with no modifications.
- In June 2007, monitoring well MW-12 was installed in the vicinity of monitoring wells MW-06S, MW-06D, and MW-06R to conduct pilot testing activities.
- In June 2007, pilot testing activities of the deep offsite aquifer were conducted as proposed in the May 2007 Pilot Test Work Plan.
- In August 2007, a SVE system shut-down request was submitted to the MDE and approved.
- In September 2007, the SVE system was shut-down.
- In November 2007, the MDE sent a letter to the Cloverly Civic Association and other concerned citizens discussing the status of groundwater clean-up in the area.
- In May 2008, the MDE issued a directive with deadlines for several project milestones. The following milestones were included: (1) prepare a Corrective Action Plan (CAP) Addendum including pilot test results and preliminary offsite system design; (2) complete additional pump testing; (3) complete a Pilot Test Report/Extent of System Capture and Final Offsite System Design Report; and (3) provide an estimated offsite system start-up date.
- In September 2008, GES submitted a Subsurface Investigation Work Plan of Wooded Property (Goblin Property, located on Bryants Nursery Road across from the Site). The Work Plan proposed the installation of two sets of temporary deep and shallow 2-inch monitoring well clusters (4 wells total) in order to determine if the groundwater flowing beneath the Property was impacted by the operation of the Former Shell Station.
- In October 2008, MDE approved the Subsurface Investigation Work Plan of Wooded Property with the following modifications: (1) an additional cluster of monitoring wells must be installed on the Property; and (2) the monitoring wells must be installed as permanent wells.
- From October to November 2008, monitoring wells MW-13S, MW-13D, MW-14S, MW-14D, MW-15S, and MW-15D were installed in the Wooded Property on Bryants Nursery Road.
- In December 2008, GES submitted a Wooded Lot Site Assessment Report to the MDE containing a recommendation for additional delineation by installing two additional monitoring well clusters on the Property.
- In January 2009, the MDE approved the recommendation to install two additional well clusters on the Wooded Property with no modifications. The MDE noted that the monitoring wells on the Wooded lot should be sampled quarterly.

- In March 2009, monitoring wells MW-16S, MW-16D, MW-17S, and MW-17D were installed in the Wooded lot on Bryants Nursery Road and monitoring well MW-18 was installed in front of the residence on the church Property.
- In March 2009, the MDE sent a Site Status Letter to the Wooded Property owner, P. Golkin, to inform him of the history of the Site.
- In July 2009, a Revised Pump Test Work Plan was submitted to the MDE. The Work Plan proposed the completion of a short term weathered rock zone pumping test and a longer term overburden pumping test in the area of the proposed remediation system (Bryants Nursery Road on the church Property across from the Wooded lot) to evaluate aquifer parameters and vertical and horizontal flow in this area.
- In August 2009, the MDE approved the Revised Pump Test Work Plan with modifications to the groundwater sampling analyses and the requirement that a CAP Addendum must be submitted within 60 days of the completion of the pump test.
- In August 2009, a pump test was conducted as outlined in the Revised Pump Test Work Plan.
- In November 2009, a CAP Addendum was submitted to the MDE. The corrective action proposed within the CAP Addendum was the installation of an offsite groundwater extraction remediation system on the church Property and the installation of an offsite recovery well network that would spatially cover the width of the delineated plume and address the shallow and deep overburden zones.
- In March 2010, the MDE approved the CAP Addendum Work Plan with the following modifications: (1) submittal of a detailed implementation plan; and (2) one additional recovery well to be installed on the Wooded Property, two additional monitoring well clusters to be installed on the Wooded Property, and two additional monitoring well clusters to be installed further down Bryants Nursery Road beyond the proposed recovery wells.
- From June 2010 to July 2010, monitoring wells 730 BNS, 730 BND, and recovery well RW-22 were installed.
- In September 2010, MDE approved the CAP Implementation Plan with no modifications.
- In September 2010, construction activities for the offsite groundwater recovery system being installed on the Wooded area of the 15600 New Hampshire Avenue Property (church) began.
- In September 2010, recovery well RW-19 was installed.
- From October 2010 to November 2010, recovery wells RW-20, RW-21, and RW-23 were installed. All recovery wells (RW-19 through RW-23) were connected to the offsite system. Monitoring well clusters MW-24S, MW-24D, MW-25S, MW-25D, MW-26S, and MW-26D were also installed.
- In December 2010, the offsite groundwater recovery system was started.
- In January 2011, the environmental management was transferred from GES to URS Corporation (URS).
- In March 2011, a Supplemental Site Assessment Report was submitted to the MDE. The report detailed the installation of the recovery wells and monitoring well clusters required by the CAP Addendum and CAP Addendum approval.

Previous Reports

- Work Plan & Tank Removal Report, February 2003
- Road Opening Permit, December 2005
- Subsurface Investigation Work Plan, May 2007
- Pilot Test Work Plan, May 2007
- Corrective Action Plan, May 2008
- Subsurface Investigation Work Plan, September 2008
- Wooded Lot Site Assessment Report, December 2008
- Revised Pump Test Work Plan, July 2009
- Corrective Action Plan, November 2009
- Corrective Action Plan Addendum, March 2010
- Corrective Action Plan Implementation Plan, September 2010
- Supplemental Site Assessment Report, March 2011

3.0 ACTIVITIES THIS QUARTER

Groundwater Gauging and Monitoring

All site monitoring wells are gauged on a quarterly basis. During this quarter, depth to water measurements recorded from site wells ranged from 7.55 feet below ground surface (bgs) in monitoring well MW-09S on August 8, 2011 to 51.22 feet bgs in recovery well RW-22 on August 8, 2011. The groundwater gauging data is included as Table 1. The shallow hydraulic gradient for this quarter is illustrated on Figure 4. The deep overburden hydraulic gradient for this quarter is illustrated on Figure 5. The bedrock hydraulic gradient for this quarter is illustrated on Figure 6. Based on the gauging data, the groundwater flow direction in all three zones is consistent, towards the northwest from the site.

Weekly gauging is also completed on select monitoring wells (710 BNR, 711 BNR, 720 BNR, 721 BNR, and 740 BNR). These select monitoring wells are gauged weekly to monitor the influence that the offsite system has on groundwater elevations. Both the onsite and offsite systems were operating during each of the gauging events. Based on the weekly gauging events, the offsite groundwater pump and treat system is not influencing the water table elevations in the offsite wells. A graph showing the groundwater elevation trends over time for these wells is in Appendix C.

Liquid Phase Hydrocarbon (LPH) Detection

LPH was not observed in any monitoring wells during the Third Quarter 2011. LPH has never been observed at this site.

Groundwater Sampling

Groundwater samples were collected from 47 of 50 monitoring wells located on and off the site. Samples were not collected from monitoring wells TF-01, TF-02, and MW-06S because there was not enough water to collect a sample. The samples were submitted to Accutest Laboratories (New Jersey) under chain of custody for analysis of volatile organic compounds (VOCs) by EPA Method 8260B, and total petroleum hydrocarbons-gasoline range organics (TPH-GRO) and total petroleum hydrocarbons-diesel range organics (TPH-DRO) by EPA Method 8015. Groundwater samples were also collected from five (5) former potable wells (710 BNR, 711 BNR, 720 BNR, 721 BNR, and 750 BNR). The samples were submitted to Accutest Laboratories (New Jersey) under chain of custody for analysis of benzene, toluene, ethylbenzene, xylenes (BTEX), and MTBE by EPA Method 8260B, and TPH-GRO and TPH-DRO by EPA Method 8015.

The laboratory analytical results are summarized in Tables 2. Benzene, toluene, ethylbenzene, xylenes, total BTEX, MTBE, TPH-GRO and TPH-DRO concentrations are presented on Figure 7. The laboratory analytical reports are provided in Appendix A. The maximum dissolved phase hydrocarbon

concentrations, in micrograms per liter (µg/L), of select analytes detected in the groundwater samples collected during this quarter are as follows:

- Benzene: 32.6 µg/L (MW-17S)
- Toluene: 0.28 J µg/L (RW-01)
- Ethylbenzene: 1.2 µg/L (RW-01)
- Total Xylenes: 8.5 µg/L (MW-08D)
- Total BTEX: 37.1 µg/L (MW-16S)
- MTBE: 5,140 µg/L (MW-15S)
- TPH-GRO: 4,640 µg/L (RW-22)
- TPH-DRO: 342 µg/L (MW-05D)

Groundwater Concentration Trends

Based upon review of historical analytical groundwater data, chemical concentrations in groundwater samples from site monitoring wells indicate decreasing dissolved-phase concentrations at most well locations for benzene, BTEX, and MTBE. Appendix B includes groundwater concentration trend graphs for 51 monitoring wells and four former potable wells. For benzene, total BTEX, and MTBE concentrations, the following trends have been observed:

Onsite Concentration Trends

- Monitoring well MW-02: Benzene concentrations have generally remained below the detection limits from January 6, 2004 to August 10, 2011. Total BTEX concentrations have generally remained below the detection limits from January 6, 2004 to August 10, 2011. MTBE concentrations have decreased from 8.9 µg/L on January 6, 2004 to 0.34 µg/L on August 10, 2011.
- Monitoring well MW-04: Benzene concentrations have decreased from a concentration of 3.9 µg/L on January 6, 2004 to below the detection limits on August 10, 2011. Total BTEX concentrations have decreased from a concentration of 5.5 µg/L on January 6, 2004 to below the detection limits on August 10, 2011. MTBE concentrations have decreased from a concentration of 49.3 µg/L on January 6, 2004 to 1.3 µg/L on August 10, 2011.
- Recovery well RW-01: Benzene concentrations have decreased from a concentration of 17.4 µg/L January 6, 2004 to 0.84 µg/L on August 10, 2011. Total BTEX concentrations have decreased from a concentration 62.2 µg/L on January 6, 2004 to 5.82 µg/L on August 10, 2011. MTBE concentrations have decreased from a concentration 156 µg/L on January 6, 2004 to 3.1 µg/L on August 10, 2011.
- Recovery well RW-03: Benzene concentrations have generally remained stable below the detection limit of 22 µg/L on January 6, 2004 to an estimated value of 0.62 µg/L on August 10, 2011. Total BTEX concentrations have decreased from a concentration 191 µg/L on January 6, 2004 to 4.46 µg/L on August 10, 2011. MTBE concentrations have decreased from a concentration 67,600 µg/L on January 6, 2004 to 2.8 µg/L on August 10, 2011.
- Recovery well RW-10: Benzene concentrations have decreased from a concentration 354 µg/L on April 5, 2004 to 0.56 µg/L on August 10, 2011. Total BTEX concentrations have decreased from a concentration 898 µg/L on April 5, 2004 to 3.51 µg/L on August 10, 2011. MTBE concentrations have decreased from a concentration 43,500 µg/L on April 5, 2004 to 2.9 µg/L on August 10, 2011.
- Tank field well TF-01: Benzene concentrations have decreased from a maximum of 265 µg/L on April 13, 2005 to 0.46 I µg/L on May 17, 2010. Total BTEX concentrations have decreased from a maximum of 867.7 µg/L on April 13, 2005 to 0.46 µg/L on May 17, 2010. MTBE concentrations have decreased from a maximum of 93,500 µg/L on August 17, 2005 to 0.56 µg/L on May 17, 2010.
- Tank field well TF-02: Benzene concentrations have decreased from a maximum of 481 µg/L on April 13, 2005 to 0.28 I µg/L on May 17, 2010. Total BTEX concentrations have decreased from a maximum of 1,524 µg/L on April 13, 2005 to 0.61 µg/L on May 17, 2010. MTBE concentrations have decreased from a maximum of 148,000 µg/L on October 5, 2004 to 0.9 µg/L on May 17, 2010.

Offsite Concentration Trends

80-240 feet from Site

- Monitoring well MW-05D: Benzene concentrations have remained constant, displaying a 0.3 µg/L concentration on April 5, 2004 and being measured below the detection limits on Aug 10, 2011. Total BTEX concentrations have remained constant, displaying a 0.99 µg/L concentration on April 5, 2004 and being measured below the detection limits on August 10, 2011. MTBE concentrations have decreased from 241 µg/L on April 5, 2004 to below detection limits on August 10, 2011.
- Monitoring well MW-05R: Benzene concentrations have generally remained below the detection limits from July 8, 2004 to August 10, 2011. Total BTEX concentrations have remained constant, displaying a 0.21 µg/L concentration on July 8, 2004 and being measured below the detection limits on August 10, 2011. MTBE concentrations have decreased from a concentration of 61.8 µg/L on July 8, 2004 to below detection limits on August 10, 2011.
- Monitoring well MW-05S: Benzene concentrations have decreased from a concentration of 9.2 µg/L on January 6, 2004 to a concentration of 0.31 µg/L on August 10, 2011. Total BTEX concentrations have decreased from a concentration of 10.5 µg/L on January 6, 2004 to 0.56 µg/L on August 10, 2011. MTBE concentrations have decreased from a concentration of 7,630 µg/L on January 6, 2004 to 982 µg/L on August 10, 2011.
- Monitoring well MW-07D: Benzene concentrations have generally remained below the detection limits from April 5, 2004 to August 10, 2011. Total BTEX concentrations have generally remained below the detection limits from April 5, 2004 to August 10, 2011. MTBE concentrations have decreased from a concentration of 9.5 µg/L on April 5, 2004 to below the detection limits on August 10, 2011.
- Monitoring well MW-07S: Benzene concentrations have generally remained below the detection limits from April 5, 2004 to August 10, 2011. Total BTEX concentrations have generally remained below the detection limits from April 5, 2004 to August 10, 2011. MTBE concentrations have decreased from a concentration of 189 µg/L on April 5, 2004 to 37 µg/L on August 10, 2011
- Monitoring well MW-09D: Benzene concentrations have generally remained below the detection limits from April 5, 2004 to August 12, 2011. Total BTEX concentrations have generally remained below the detection limits from April 5, 2004 to August 12, 2011. MTBE concentrations have generally remained below the detection limits from April 5, 2004 to August 12, 2011.
- Monitoring well MW-09S: Benzene concentrations have generally remained below the detection limits from April 5, 2004 to August 12, 2011. Total BTEX concentrations have generally remained below the detection limits from April 5, 2004 to August 12, 2011. MTBE concentrations have decreased from a concentration of 0.66 µg/L on April 5, 2004 to below detection limits on August 12, 2011.
- Monitoring well MW-11D: Benzene concentrations have generally remained below the detection limits from July 8, 2004 to August 12, 2011. Total BTEX concentrations have generally remained below the detection limit from July 8, 2004 to August 12, 2011. MTBE concentrations have decreased from a concentration of 62.2 µg/L on July 8, 2004 to 17.3 µg/L on August 12, 2011.
- Monitoring well MW-11R: Benzene concentrations have slightly generally remained below the detection limits on July 1, 2004 to August 12, 2011. Total BTEX concentrations have generally remained below the detection limit from July 1, 2004 to August 12, 2011. MTBE concentrations have decreased from a concentration of 26.4 µg/L on July 1, 2004 to 0.48 µg/L on August 12, 2011.
- Monitoring well MW-11S: Benzene concentrations have decreased from a concentration 14.1 µg/L on July 8, 2004 to 0.95 µg/L on August 12, 2011. Total BTEX concentrations have decreased from a concentration 14.1 µg/L on July 8, 2004 to 0.95 µg/L on August 12, 2011. MTBE concentrations have decreased from a concentration 12,000 µg/L on July 8, 2004 to 1050 µg/L on August 12, 2011.

240-640 feet from the Site

- Monitoring well 750 BND: Benzene concentrations have generally remained below detection limit from June 22, 2005 to August 9, 2011. Total BTEX concentrations generally remained below the detection limits from June 22, 2005 to August 9, 2011. MTBE concentrations have increased from a concentration below detection limits on June 22, 2005 to 283 µg/L on August 9, 2011.
- Monitoring well 750 BNS: Benzene concentrations have remained below detection limits from June 22, 2005 to August 9, 2011. Total BTEX concentrations have generally remained below detection limits from June 22, 2005 to August 9, 2011. MTBE concentrations have decreased from a maximum concentration of 3.13 µg/L on March 30, 2006 to 0.64 J µg/L on August 9, 2011.
- Monitoring well 750 BNR: Benzene concentrations have generally remained below detection limit from June 22, 2005 to August 9, 2011. Total BTEX concentrations have remained constant, displaying a 0.23 µg/L concentration on June 22, 2005 and being measured below detection limit on August 9, 2011. MTBE concentrations have increased from below the detection limits on June 22, 2005 to 42.6 µg/L on August 9, 2011.
- Monitoring well MW-06D: Benzene concentrations have increased from below the detection limits on April 5, 2004 to 3.1 µg/L on August 12, 2011. Total BTEX concentrations have increased from below the detection limits on April 5, 2004 to 3.1 µg/L on August 12, 2011. MTBE concentrations have decreased from a concentration of 5,210 µg/L on April 5, 2004 to 3120 µg/L on August 12, 2011.
- Monitoring well MW-06R: Benzene concentrations have generally remained below the detection limits from July 8, 2004 to August 12, 2011. Total BTEX concentrations have decreased from a concentration of 76.6 µg/L on July 8, 2004 to 0.26 µg/L on August 12, 2011. MTBE concentrations have decreased from a concentration of 74.9 µg/L on July 8, 2004 to 57.6 µg/L on August 12, 2011.
- Monitoring well MW-06S: Benzene concentrations have generally remained below the detection limits from January 6, 2004 to May 19, 2011. Total BTEX concentrations have also generally remained below the detection limits from January 6, 2004 to May 19, 2011. MTBE concentrations have decreased from a concentration of 135 µg/L on January 6, 2004 to 16.4 µg/L on May 19, 2011. (MW-06S NOT IN 3Q11 Analytical Data)
- Monitoring well MW-08D: Benzene concentrations have increased from below the detection limits on April 5, 2004 to 4.0 µg/L on August 10, 2011. Total BTEX concentrations have increased from below the detection limits on April 5, 2004 to 12.5 µg/L on August 10, 2011. MTBE concentrations have increased from a concentration of 80 µg/L on April 5, 2004 to 2950 µg/L on August 10, 2011.
- Monitoring well MW-08S: Benzene concentrations have generally remained below the detection limits from April 5, 2004 to August 10, 2011. Total BTEX concentrations have generally remained below the detection limits from April 5, 2004 to August 10, 2011. MTBE concentrations have decreased from a concentration of 15.6 µg/L on April 5, 2004 to 12.6 µg/L on August 10, 2011.
- Monitoring well MW-12: Benzene concentrations have decreased from a concentration 3.96 µg/L on June 22, 2007 to below the detection limits on August 12, 2011. Total BTEX concentrations have decreased from 9.31 µg/L on June 22, 2007 to below the detection limits of 4 µg/L on August 12, 2011. MTBE concentrations have decreased from a concentration of 1,540 µg/L on June 22, 2007 to 38.6 µg/L on August 12, 2011.
- Monitoring well MW-13D: Benzene concentrations have decreased from a concentration 9.753 µg/L on November 25, 2008 to below detection limits on August 11, 2011. Total BTEX concentrations have decreased from a concentration 12.86 µg/L on November 25, 2008 to below detection limits on August 11, 2011. MTBE concentrations have decreased from a concentration 759.4 µg/L on November 25, 2008 to 140 µg/L on August 11, 2011.
- Monitoring well MW-13S: Benzene concentrations have decreased from a concentration 29.33 µg/L on November 25, 2008 to 9.7 µg/L on August 11, 2011. Total BTEX concentrations have decreased from a concentration 33.964 µg/L on November 25, 2008 to 9.7 µg/L on August 11, 2011. MTBE concentrations have decreased from a concentration 5,527 µg/L on November 25, 2008 to 3150 µg/L on August 11, 2011.

- Monitoring well MW-14D: Benzene concentrations have decreased from a concentration of 85.08 µg/L on November 25, 2008 to 7.1 µg/L on August 11, 2011. Total BTEX concentrations have also decreased from a concentration of 110.27 µg/L on November 25, 2008 to 7.42 µg/L on August 11, 2011. MTBE concentrations have increased from a concentration of 1,099 µg/L on November 25, 2008 to 566 µg/L on August 11, 2011.
- Monitoring well MW-14S: Benzene concentrations have decreased from a concentration 32.19 µg/L on November 25, 2008 to 8.2 µg/L on August 11, 2011. Total BTEX concentrations have decreased from a concentration 42.36 µg/L on November 25, 2008 to 11.5 µg/L on August 11, 2011. MTBE concentrations have decreased from a concentration 6,667 µg/L on November 25, 2008 to 2920 µg/L on August 11, 2011.
- Monitoring well MW-15D: Benzene concentrations have increased from below the detection limits on November 25, 2008 to 1.3 µg/L on August 11, 2011. Total BTEX concentrations have also increased from below the detection limits on November 25, 2008 to 1.3 µg/L on August 11, 2011. MTBE concentrations have increased from a concentration 360.6 µg/L on November 25, 2008 to 513 µg/L on August 11, 2011.
- Monitoring well MW-15S: Benzene concentrations have decreased from a concentration 62.88 µg/L on November 25, 2008 to 14.3 µg/L on August 11, 2011. Total BTEX concentrations have decreased from a concentration of 80.57 µg/L on November 25, 2008 to 14.3 µg/L on August 11, 2011. MTBE concentrations have decreased from a concentration of 8,463 µg/L on November 25, 2008 to 5140 µg/L on August 11, 2011.
- Monitoring well MW-16D: Benzene concentrations have increased from a concentration below the detection limits on May 7, 2009 to 0.7 µg/L on August 11, 2011. Total BTEX have slightly decreased from a concentration 1.42 µg/L on May 7, 2009 to 0.94 µg/L on August 11, 2011. MTBE concentrations have increased from a concentration of 431.6 µg/L on May 7, 2009 to 503 µg/L on August 11, 2011.
- Monitoring well MW-16S: Benzene concentrations have decreased from a concentration 87.87 µg/L on May 7, 2009 to 28.8 µg/L on August 11, 2011. Total BTEX concentrations have decreased from a concentration 118.67 µg/L on May 7, 2009 to 37.1 µg/L on August 11, 2011. MTBE concentrations have increased from a concentration of 1,269 µg/L on May 7, 2009 to 4410 µg/L on August 11, 2011.
- Monitoring well MW-17D: Benzene concentrations have increased slightly from a concentration 0.52 µg/L on May 7, 2009 to 0.64 µg/L on August 12, 2011. Total BTEX concentrations have decreased from a concentration 2.43 µg/L on May 7, 2009 to 0.64 µg/L on August 12, 2011. MTBE concentrations have increased from a concentration 103.4 µg/L on May 7, 2009 to 161 µg/L on August 12, 2011.
- Monitoring well MW-17S: Benzene concentrations have increased from a concentration of 24.95 µg/L on May 7, 2009 to 32.6 µg/L on August 11, 2011. Total BTEX concentrations have increased slightly from a concentration 31.98 µg/L on May 7, 2009 to 35.8 µg/L on August 11, 2011. MTBE concentrations have increased from a concentration of 971.3 µg/L on May 7, 2009 to 1110 µg/L on August 11, 2011.
- Monitoring well MW-17W: Benzene concentrations have decreased from a concentration of 1.06 µg/L on May 7, 2009 to below detection limits on August 12, 2011. Total BTEX concentrations have decreased from a concentration of 4.21 µg/L on May 7, 2009 to below detection limits on August 12, 2011. MTBE concentrations have decreased from a concentration of 67.23 µg/L on May 7, 2009 to 61.2 µg/L on August 12, 2011.
- Monitoring well MW-18: Benzene concentrations have generally remained below detection limits from May 7, 2009 to August 12, 2011. Total BTEX concentrations have decreased from a concentration of 2.68 µg/L on May 7, 2009 to below the detection limits on August 12, 2011. MTBE concentrations have increased from a concentration of 800.8 µg/L on May 7, 2009 to 1500 µg/L on August 12, 2011.
- Monitoring well MW-24D: Benzene concentrations have remained below detection limits from December 6, 2010 to August 12, 2011. Total BTEX concentrations have remained below detection limits from December 6, 2010 to August 12, 2011. MTBE concentrations have decreased from 36.9 µg/L on December 6, 2010 to 13.8 µg/L on August 12, 2011.
- Monitoring well MW-24S: Benzene concentrations have increased slightly from 1.83 I µg/L on December 6, 2010 to 5.5 µg/L on August 11, 2011. Total BTEX concentrations have increased slightly from 1.83 µg/L on December 6, 2010 to 6.1 µg/L on August 11, 2011. MTBE

concentrations have increased from 261 µg/L on December 6, 2010 to 352 µg/L on August 11, 2011.

- Monitoring well MW-25D: Benzene concentrations have remained below detection limits from December 6, 2010 to August 12, 2011. Total BTEX concentrations have remained below detection limits from December 6, 2010 to August 12, 2011. MTBE concentrations have slightly decreased from 102 µg/L on December 6, 2010 to 81.1 µg/L on August 12, 2011.
- Monitoring well MW-25S: Benzene concentrations have slightly decreased from 4.0 I µg/L on December 6, 2010 to 0.89 J µg/L on August 11, 2011. Total BTEX concentrations have slightly decreased from 4 µg/L on December 6, 2010 to 0.89 µg/L on August 11, 2011. MTBE concentrations have decreased from 291 µg/L on December 6, 2010 to 86.1 µg/L on August 11, 2011.
- Monitoring well MW-26D: Benzene concentrations have generally remained stable from below a detection limit of 2.49 µg/L on December 6, 2010 to 1.8 J µg/L on August 11, 2011. Total BTEX concentrations have generally remained stable from below a detection limit of 13.36 µg/L on December 6, 2010 to 1.8 µg/L on August 11, 2011. MTBE concentrations have generally remained stable from 1,260 µg/L on December 6, 2010 to 1,890 µg/L on August 11, 2011.
- Monitoring well MW-26S: Benzene concentrations have remained below detection limits from December 6, 2010 to August 11, 2011. Total BTEX concentrations have remained below detection limits from December 6, 2010 to August 11, 2011. MTBE concentrations have generally remained stable from 96.7 µg/L on December 6, 2010 to 104 µg/L on August 11, 2011.
- Recovery well RW-19: Benzene concentrations have generally remained stable from 2.82 µg/L on September 27, 2010 to 3 µg/L on August 9, 2011. Total BTEX concentrations have generally remained stable from 4.22 µg/L on September 27, 2010 to 3.67 µg/L on August 9, 2011. MTBE concentrations have increased from 294 µg/L on September 27, 2010 to 703 µg/L on August 9, 2011.
- Recovery well RW-20: Benzene concentrations have generally remained stable from below a detection limit of 12.5 µg/L on December 6, 2010 to 5.3 µg/L on August 9, 2011. Total BTEX concentrations have generally remained stable from below a detection limit of 67 µg/L on December 6, 2010 to 5.3 µg/L on August 9, 2011. MTBE concentrations have decreased from a maximum of 5,430 µg/L on December 6, 2010 to 1,840 µg/L on August 9, 2011.
- Recovery well RW-21: Benzene concentrations have generally remained stable from below a detection limit of 4.99 µg/L on December 6, 2010 to 3.9 µg/L on August 9, 2011. Total BTEX concentrations have generally remained stable from below a detection limit of 26.75 µg/L on December 6, 2010 to 3.9 µg/L on August 9, 2011. MTBE concentrations have decreased from a maximum of 1,420 µg/L on December 6, 2010 to 674 µg/L on August 9, 2011.
- Recovery well RW-22: Benzene concentrations have decreased from a concentration of 25.7 µg/L on September 27, 2010 to 5.3 µg/L on August 9, 2011. Total BTEX concentrations have decreased from a concentration 36.2 µg/L on September 27, 2010 to 5.3 µg/L on August 9, 2011. MTBE concentrations have decreased from a concentration of 12,900 µg/L on September 27, 2010 to 5090 µg/L on August 9, 2011.
- Recovery well RW-23: Benzene concentrations have generally remained stable from 12.71 µg/L on December 6, 2010 to 17.4 µg/L on August 9, 2011. Total BTEX concentrations have generally remained stable from 12.7 µg/L on December 6, 2010 to 18.4 µg/L on August 9, 2011. MTBE concentrations have generally remained stable from 1,520 µg/L on December 6, 2010 to 1,460 µg/L on August 9, 2011.

<u>Greater than 640 feet from the Site</u>

- Monitoring well 710 BNR: Benzene concentrations have generally remained below detection limit from October 18, 2003 to August 9, 2011. Total BTEX concentrations generally remained below the detection limits from October 18, 2003 to August 9, 2011. MTBE concentrations have remained stable with a concentration of 3.2 µg/L on October 18, 2003 to 1.6 µg/L on August 9, 2011.
- Monitoring well 711 BNR: Benzene concentrations have generally remained below detection limits from October 3, 2003 to August 9, 2011. Total BTEX concentrations generally remained

below the detection limits from October 3, 2003 to August 9, 2011. MTBE concentrations have generally remained below the detection limits from October 3, 2003 to August 9, 2011.

- Monitoring well 720 BNR: Benzene concentrations have generally remained below detection limit from October 18, 2003 to August 9, 2011. Total BTEX concentrations generally remained below the detection limits from October 18, 2003 to August 9, 2011. MTBE concentrations have decreased from a concentration of 21 µg/L on October 18, 2003 to 0.34 µg/L on August 9, 2011.
- Monitoring well 721 BNR: Benzene concentrations have generally remained below detection limits from October 3, 2003 to August 9, 2011. Total BTEX concentrations generally remained below the detection limits from October 3, 2003 to August 9, 2011. MTBE concentrations have decreased from a concentration of 2.5 µg/L on October 3, 2003 to below the detection limits on August 9, 2011.
- Monitoring well 730 BND: Benzene concentrations have generally remained below detection limits from October 1, 2010 to August 9, 2011. Total BTEX concentrations generally remained below the detection limits from October 1, 2010 to August 9, 2011. MTBE concentrations have remained generally stable with a concentration of 3.2 µg/L on October 1, 2010 to 1.6 µg/L on August 9, 2011.
- Monitoring well 730 BNS: Benzene concentrations have remained below detection limits from October 1, 2010 to August 9, 2011. Total BTEX concentrations have remained below detection limits from October 1, 2010 to August 9, 2011. MTBE concentrations have generally remained stable from a concentration of 2.86 µg/L on October 1, 2010 to 0.55 J µg/L on August 9, 2011.

Potable Well Sampling

Potable well samples were collected from 11 homes on Bryants Nursery Road (BNR) (600 BNR, 601 BNR, 640 BNR, 610 BNR, 611 BNR, 621 BNR, 650 BNR, 660 BNR, 661 BNR, 670 BNR, and 700 BNR) between August 10 and August 22, 2011 . The samples were submitted to Accutest Laboratories (New Jersey) under chain of custody for analysis of full list VOCs and oxygenates by EPA Method 524.2 and TPH-GRO and TPH-DRO by EPA Method 8015B. The following wells displayed detections above the reporting limit:

Well Identification	Sampling Date	Detected Compound	Concentration	MDE Groundwater Clean-up Concentration	Units
650 BNR	8/12/11	MTBE	0.52	20	µg/L
700 BNR			0.99		

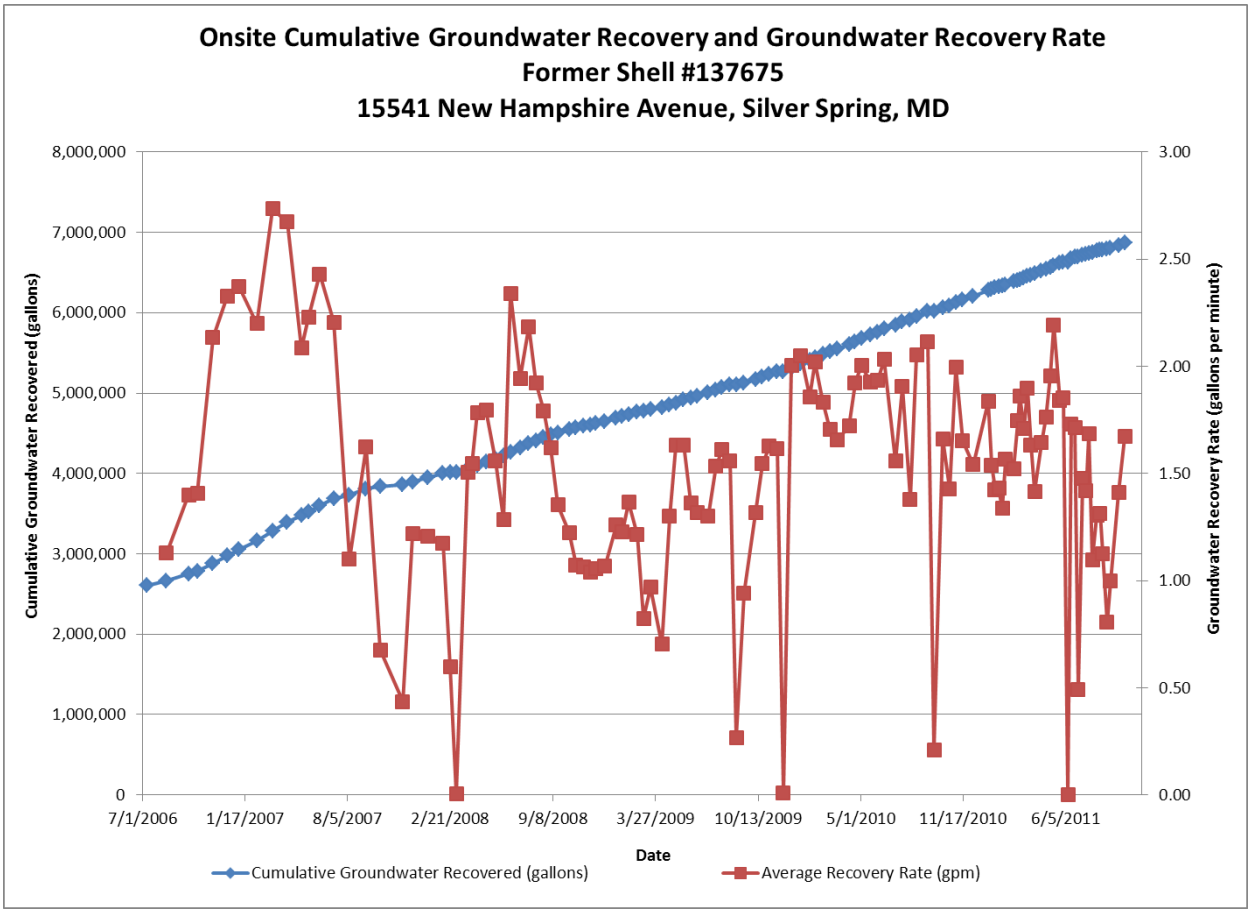
Although these analytes were detected above the reporting limit, all detections were below their respective MDE Soil and Groundwater Cleanup Standards (revised June 2008). Benzene, toluene, ethylbenzene, xylenes, total BTEX, MTBE, TPH-GRO and TPH-DRO concentrations for the potable well sampling are presented on Figure 8. The analytical laboratory reports are presented in Appendix D.

4.0 REMEDIATION SYSTEM OPERATION

Onsite Pump and Treat System

The onsite groundwater pump and treat system is connected to three (3) recovery wells (RW-01, RW-03, and RW-10). Each of the wells contains an electric submersible pump. The recovery wells are screened between 3 feet and 25 feet bgs. Recovered groundwater is treated through two (2) 2,000-pound liquid phase granular activated (LGAC) carbon units in series prior to discharge to the local storm sewer. The pump and treat system was initialized in July 2004.

During the Third Quarter 2011, groundwater was recovered from recovery wells RW-01, RW-03, and RW-10. A total of 173,326 gallons of groundwater was recovered and treated by the system during the Third Quarter 2011; since the system began operation, the system has recovered and treated approximately 6,868,726 gallons of groundwater. Table 5 summarizes the cumulative groundwater recovery, average recovery rate, and operating recovery wells. The below graph depicts the cumulative groundwater recovery and groundwater recovery rate since July 2006.



At the onsite location, system influent, mid-system, and effluent samples are collected to determine hydrocarbon recovery and treatment. Analytical results of these system samples are summarized in Table 4, and the laboratory analytical reports are included in Appendix F.

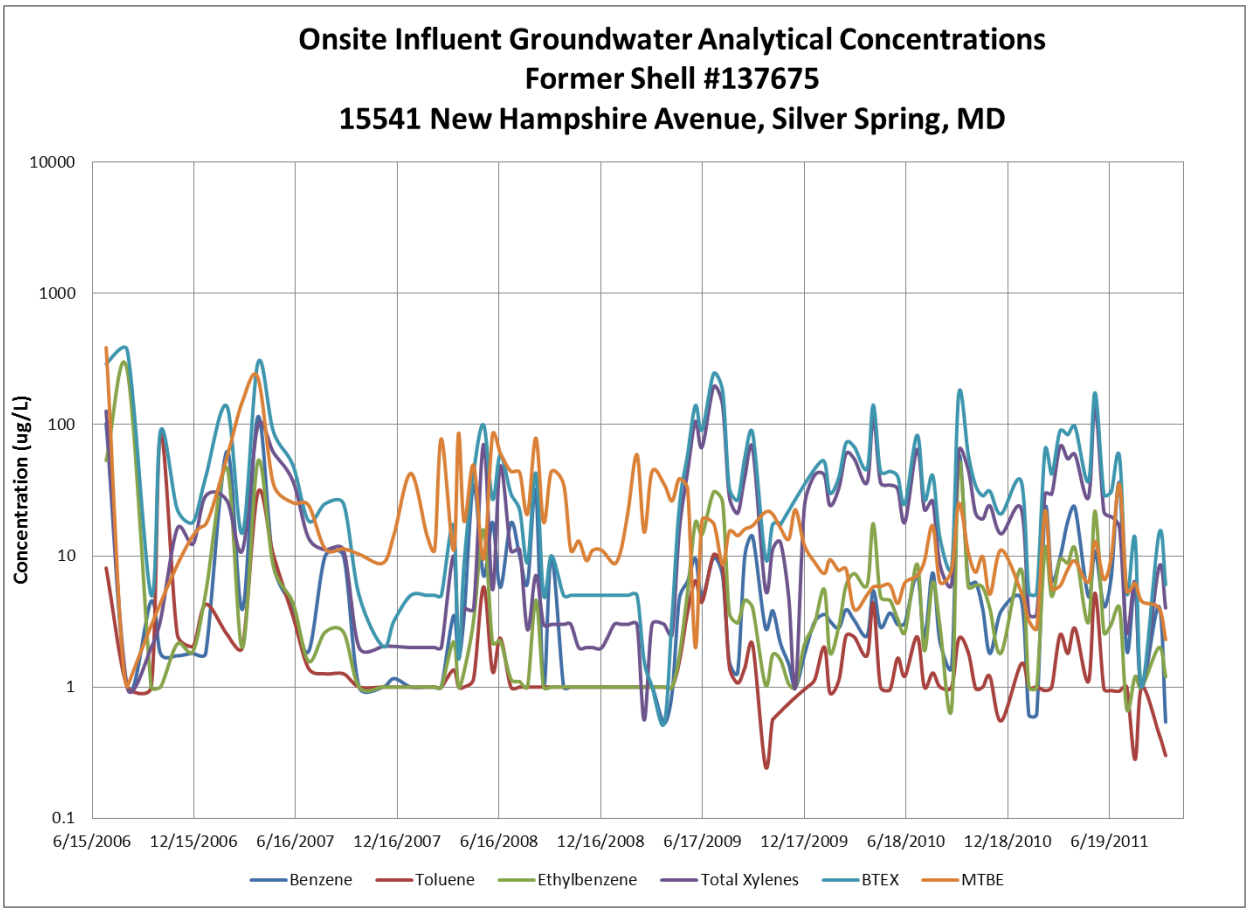
Since system startup in July 2004, influent groundwater concentrations have followed a generally decreasing trend.

- Influent benzene concentrations have decreased from 102 µg/L on July 10, 2006 to 0.54 µg/L on September 28, 2011.
- Influent toluene concentrations decreased from 8.09 µg/L on July 10, 2006 to 0.30 µg/L on September 28, 2011.
- Influent ethylbenzene concentrations decreased from 53.4 µg/L on July 10, 2006 to 1.2 µg/L on September 28, 2011.
- Influent total xylene concentrations have decreased from 127 µg/L on July 10, 2006 to 4 µg/L on September 28, 2011.
- Influent total BTEX concentrations have decreased from 363 µg/L on July 1, 2004 to 6.04 µg/L on September 28, 2011.
- Influent MTBE concentrations have decreased from 45,500 µg/L on July 1, 2004 to 2.3 µg/L on September 28, 2011.

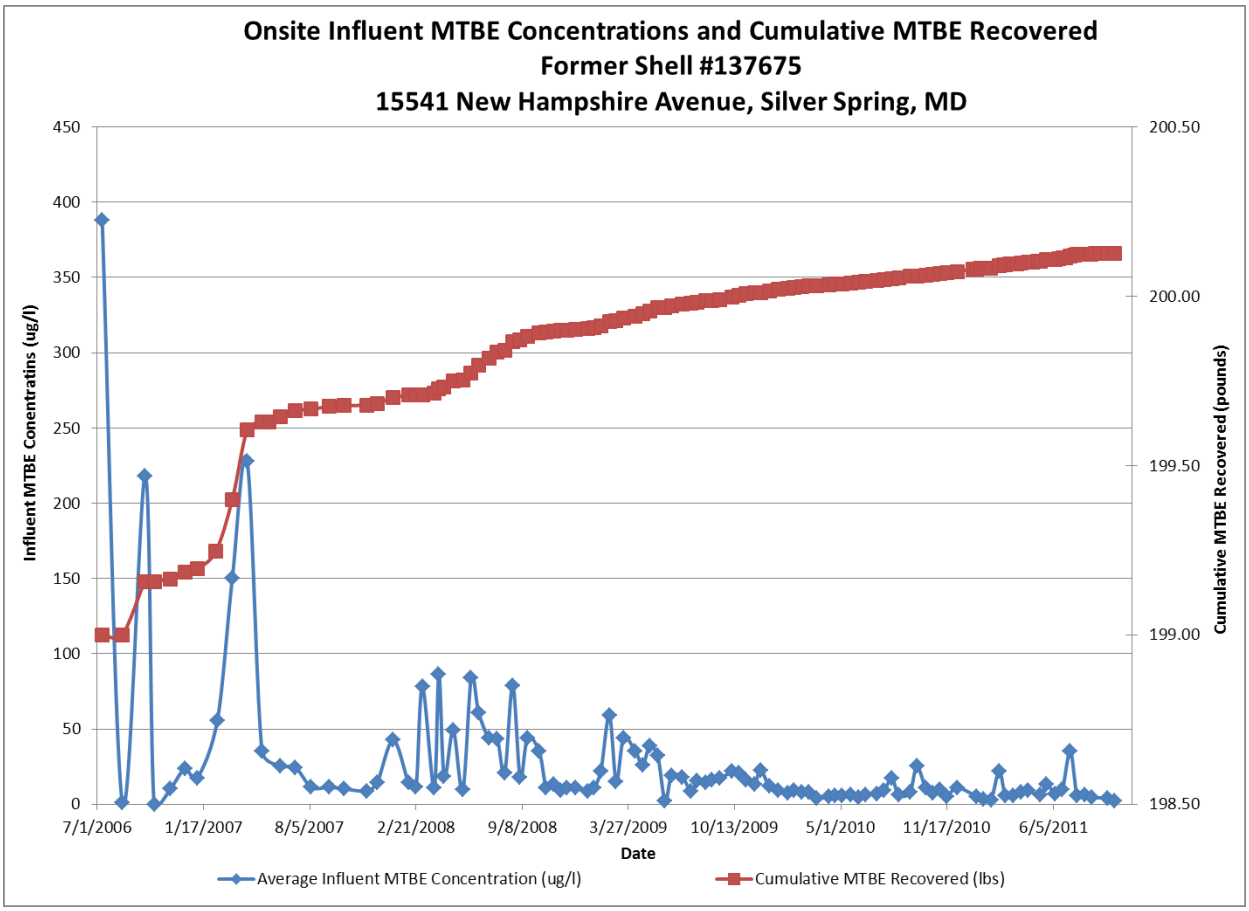
Recent influent trends have shown a more stable trend indicating that the onsite system has met its asymptotic limit.

- Influent benzene concentrations have remained generally stable from 3.11 µg/L on January 4, 2010 to 0.54 µg/L on September 28, 2011.
- Influent toluene concentrations remained generally stable from 1.12 µg/L on January 4, 2010 to 0.30 µg/L on September 28, 2011.
- Influent ethylbenzene concentrations remained generally stable from 3.01 µg/L on January 4, 2010 to 1.2 µg/L on September 28, 2011.
- Influent total xylene concentrations have remained generally stable from 41 µg/L on January 4, 2010 to 4 µg/L on September 28, 2011.
- Influent total BTEX concentrations have remained generally stable from 48.24 µg/L on January 4, 2010 to 6.04 µg/L on September 28, 2011.
- Influent MTBE concentrations have remained generally stable from 9.01 µg/L on January 4, 2010 to 2.3 µg/L on September 28, 2011.

The concentration trends of dissolved hydrocarbons in the influent groundwater samples can be observed on the below graph.



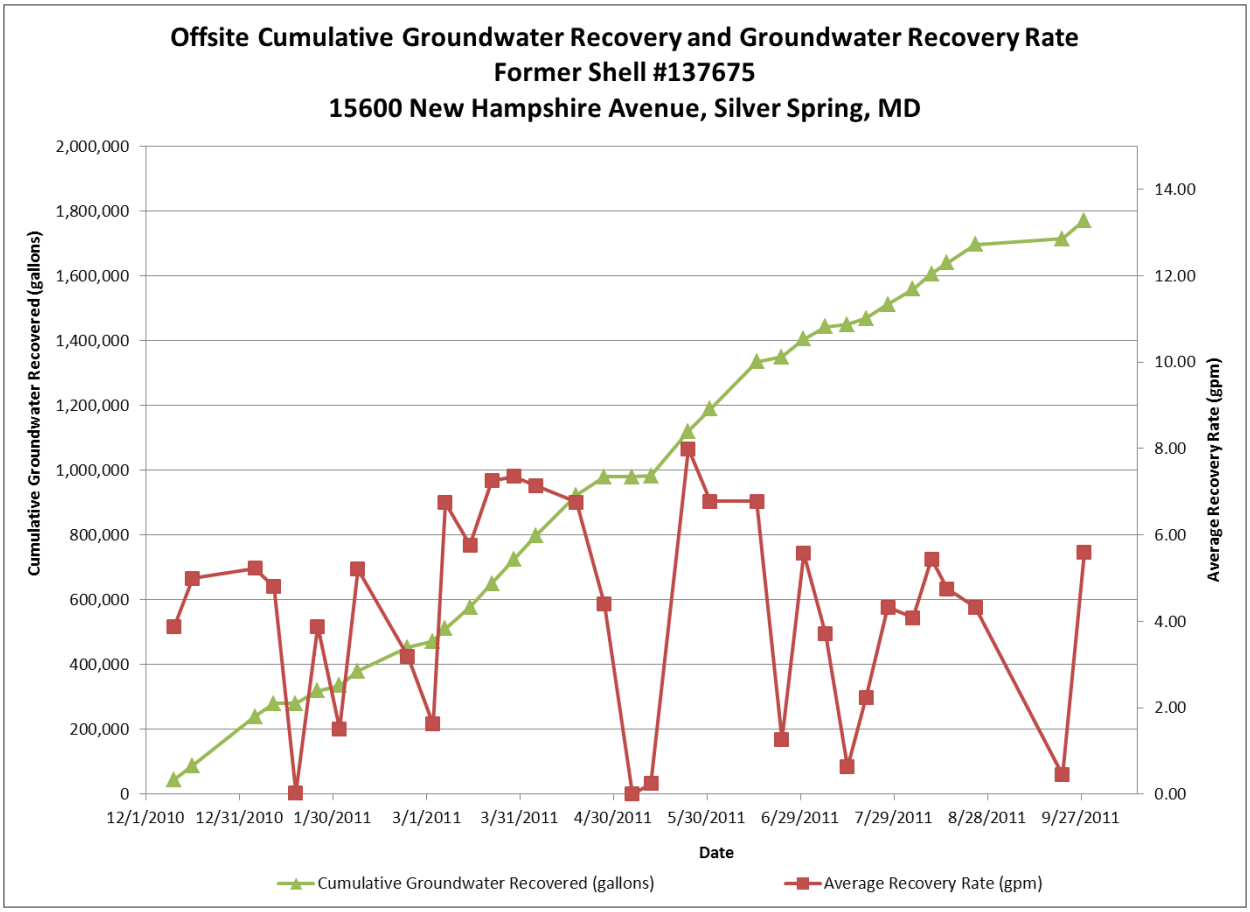
During the Third Quarter 2011, approximately 0.02 pounds of MTBE were recovered in the dissolved phase; since the onsite system began operation, approximately 200.13 pounds of MTBE have been recovered in the dissolved phase from groundwater. Influent MTBE concentrations and cumulative MTBE recovery are presented in the below graph.



Offsite Pump and Treat System

The offsite groundwater pump and treat system is connected to five wells (RW-19 through RW-23). The recovery wells are screened between 10 and 65 feet bgs. Each well contains an electric submersible pump, which is designed to transfer fluids to the equalization (EQ) tank located inside the offsite groundwater pump and treat system trailer. After accumulating in the EQ tank, recovered groundwater is then pumped through two (2) bag filters, an air stripper, two (2) additional bag filters, and three (3) 500-pound granular activated carbon vessels in series before discharging to the storm sewer. The pump and treat system was initialized in December 2010.

During the Third Quarter 2011, groundwater was recovered from recovery wells RW-19 through RW-23. A total of 365,681 gallons of groundwater was recovered and treated by the system during the Third Quarter 2011; since the system began operation, the system has recovered and treated approximately 1,771,136 gallons of groundwater. Table 7 summarizes the cumulative groundwater recovery, average recovery rate, and operating recovery wells. The below graph depicts the cumulative groundwater recovery and groundwater recovery rate since the system began operation in December 2010.

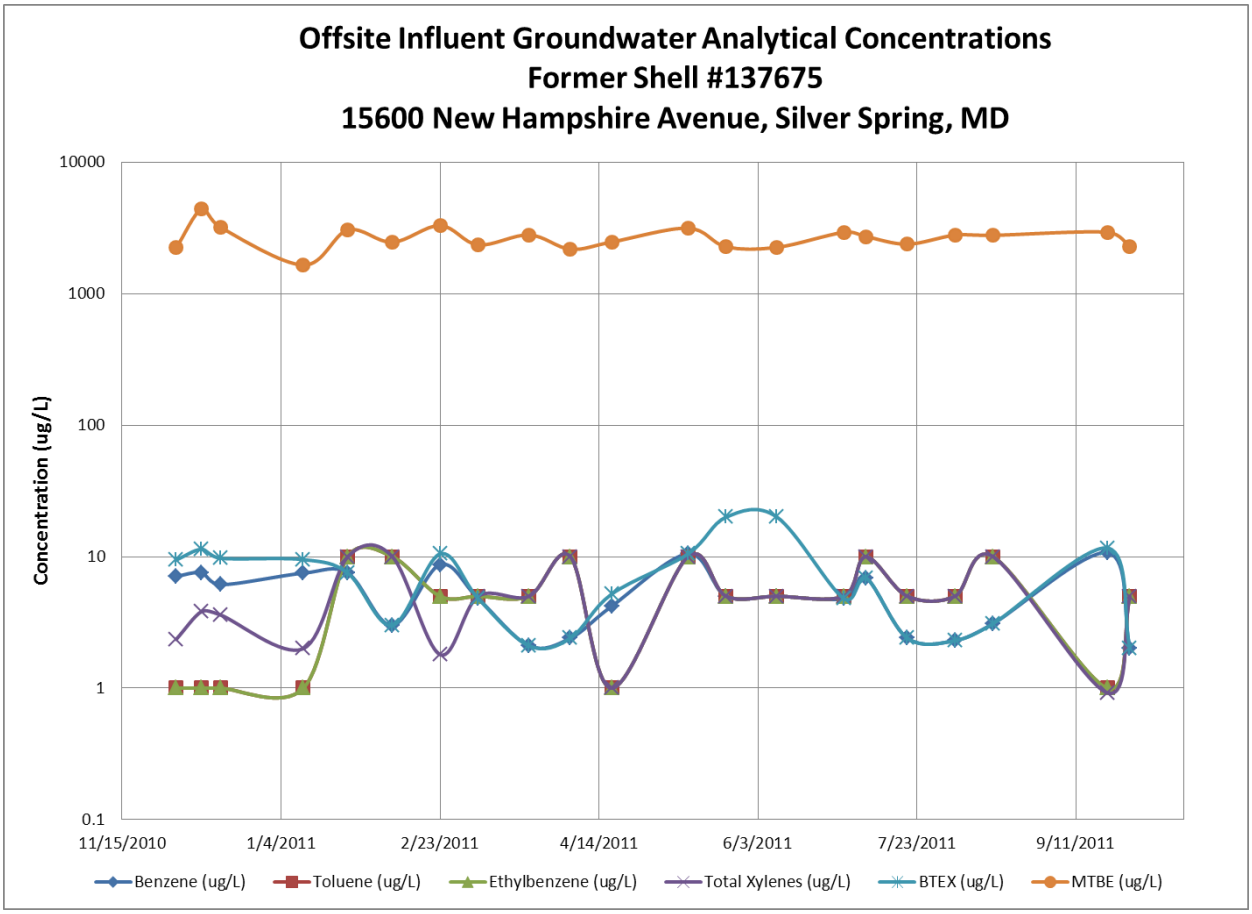


At the offsite location, system influent, mid-system 1, mid-system 2, mid-system 3, and effluent samples are collected to determine hydrocarbon recovery and treatment. Analytical results of these system samples are summarized in Table 6, and the laboratory analytical reports are included in Appendix F.

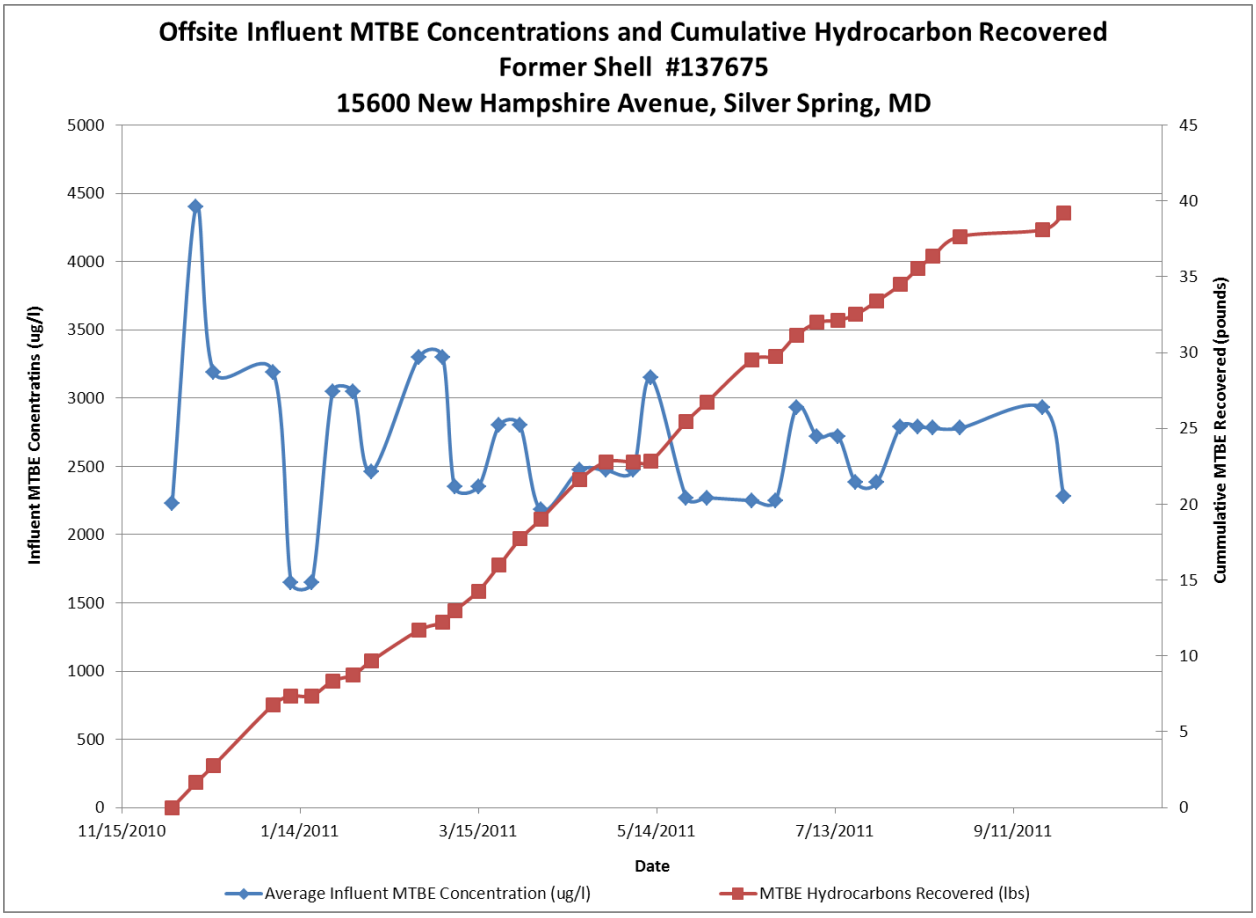
Since system startup in December 2010, influent groundwater concentrations have followed a generally decreasing trend.

- Influent benzene concentrations have decreased from 7.08 µg/L on December 2, 2010 to 2 µg/L September 28, 2011.
- Influent toluene concentrations have remained below the detection limit from December 2, 2010 through September 28, 2011.
- Influent ethylbenzene concentrations have remained below the detection limit from December 2, 2010 through September 28, 2011.
- Influent total xylene concentrations have decreased from 2.35 µg/L on December 2, 2010 to below the detection limit on September 28, 2011.
- Influent total BTEX concentrations have decreased from 9.43 µg/L on December 2, 2010 to 2 µg/L on September 28, 2011.
- Influent MTBE concentrations have remained consistent with a concentration of 2,230 µg/L on December 2, 2010 and 2,280 µg/L on September 28, 2011.

The concentration trends of dissolved hydrocarbons in the influent groundwater samples can be observed on the below graph.



During the Third Quarter 2011, approximately 7.94 pounds of MTBE were recovered in the dissolved phase; since the offsite system began operation, approximately 39.08 pounds of MTBE have been recovered in the dissolved phase from groundwater. Influent MTBE concentrations and cumulative MTBE recovery are presented in the below graph.



Discharge Monitoring Reports

Quarterly Discarge Monitoring Reports (DMRs) associated with MDE Permits #MDG912498 (offsite) and #MDG916723 (onsite) are completed following the end of the quarter and submitted to the MDE. Discharge Monitoring Reports detail the volume of discharge and effluent results, and a copy of the Third Quarter 2011 DMRs are included in Appendix E.

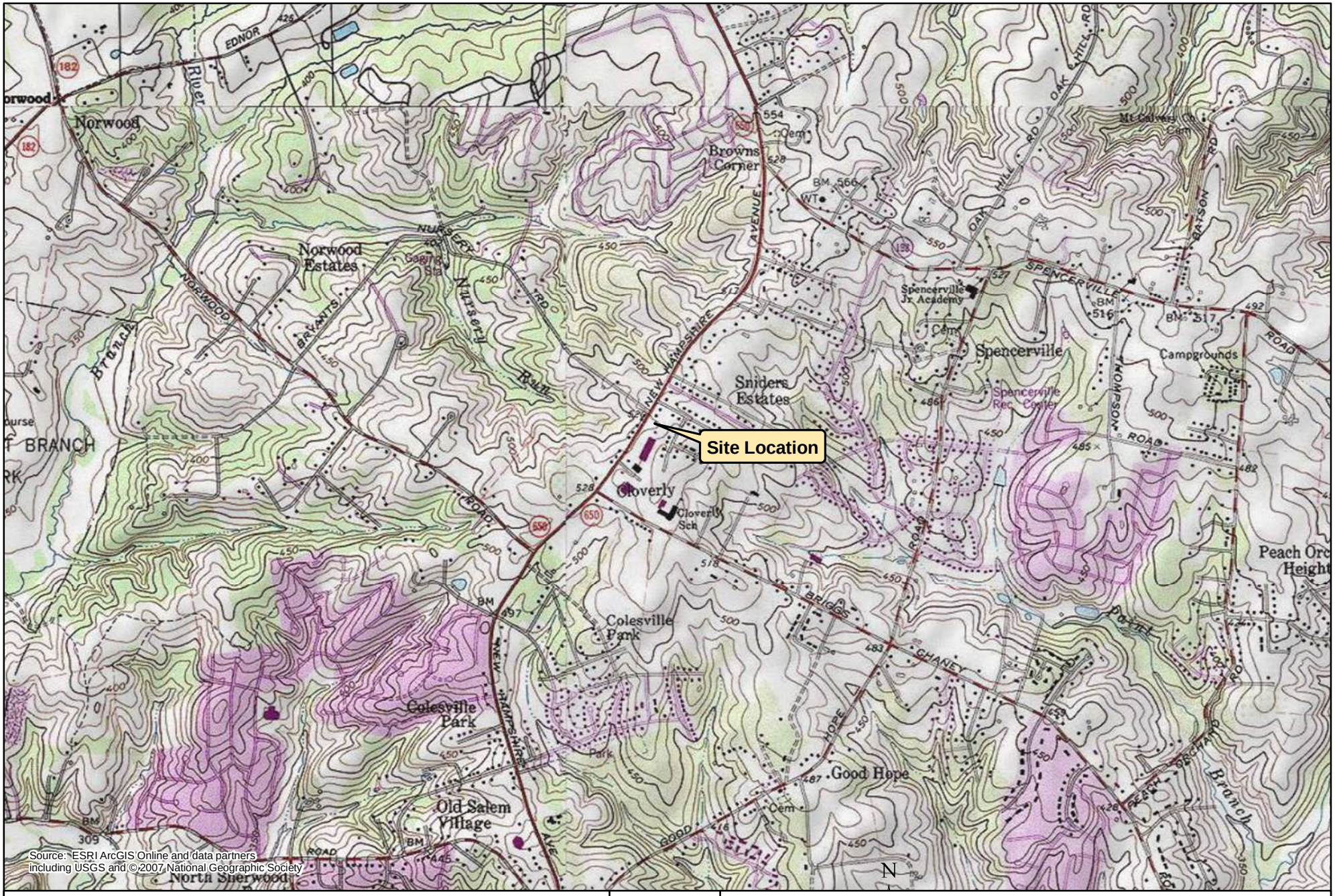
5.0 WORK PLANNED FOR FOURTH QUARTER 2011

- Conduct quarterly groundwater sampling and gauging of all site monitoring wells.
- Conduct weekly O&M and bimonthly sampling of the onsite and offsite remediation systems.
- Conduct weekly gauging of select offsite monitoring wells.
- Shutdown the onsite remediation system, pending MDE approval.

ATTACHMENTS

Figure 1	USGS Topographic Map
Figure 2	Local Area Map
Figure 3	Site Map
Figure 4	Hydraulic Gradient Map
Figure 5	Deep Overburden Groundwater Contour Map
Figure 6	Bedrock Groundwater Contour Map
Figure 7	Dissolved Phase Concentration Map
Figure 8	Potable Well Concentration Map
Table 1	Well Gauge Report
Table 2	Summary of Groundwater Analytical Results
Table 3	Potable Well Laboratory Analytical Results
Table 4	Onsite Groundwater Extraction Analytical Data
Table 5	Onsite Groundwater Extraction System Performance
Table 6	Offsite Groundwater Extraction Analytical Data
Table 7	Offsite Groundwater Extraction System Performance
Appendix A	Groundwater Laboratory Analytical Report
Appendix B	Groundwater Concentration Trend Graphs
Appendix C	Groundwater Elevation Trends - Weekly Gauged Wells
Appendix D	Potable Laboratory Analytical Report
Appendix E	Quarterly DMR
Appendix F	Onsite and Offsite System Laboratory Analytical Reports

FIGURES



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G:\Projects\Shell\Station_137675\MXD\137675_SiteLocale.mxd		CHK BY	JA	03/25/2011

N

TITLE

USGS Topographic Map

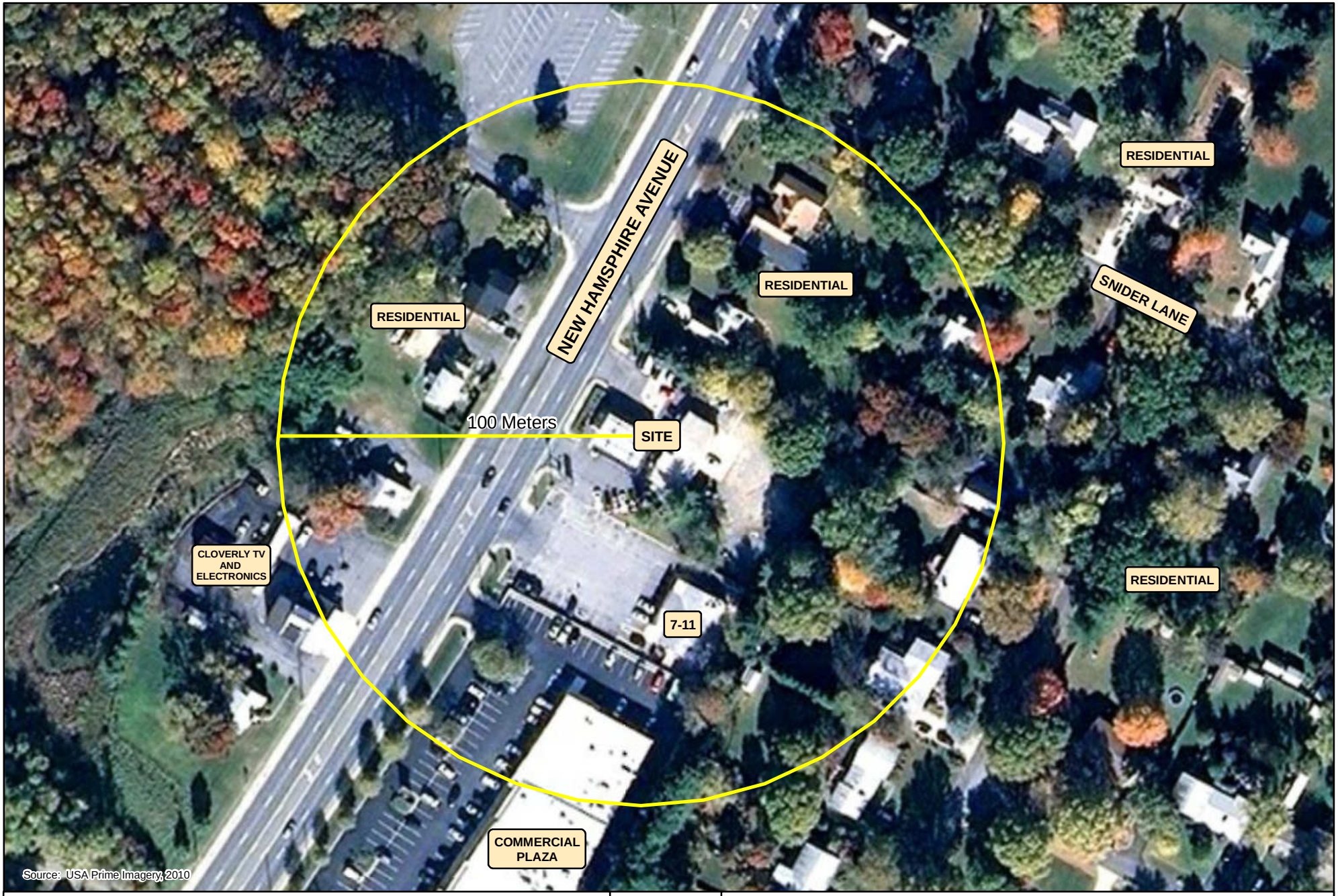
URS

12420 Milestone Center Dr
Germantown, MD 20876

Site Address:
15541 New Hampshire Avenue
Silver Spring, MD

FIGURE

1



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N

TITLE

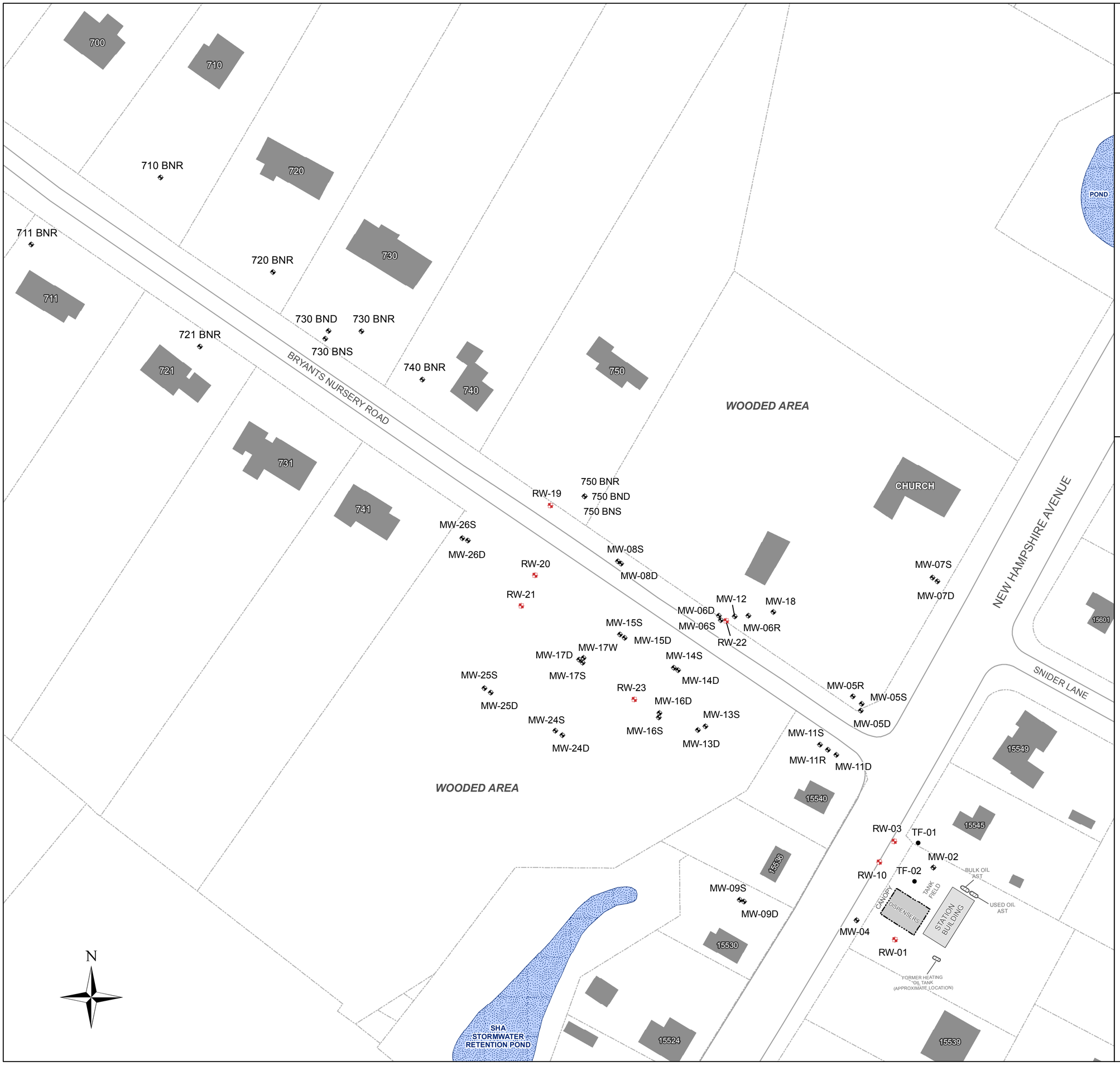
Local Area Map

URS

12420 Milestone Center Dr
Germantown, MD 20876

Site Address:
15541 New Hampshire Avenue
Silver Spring, MD

FIGURE
2



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Germantown, MD 20876

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Date: 03/11/2011
Created: JK
Checked: JA
Senior:

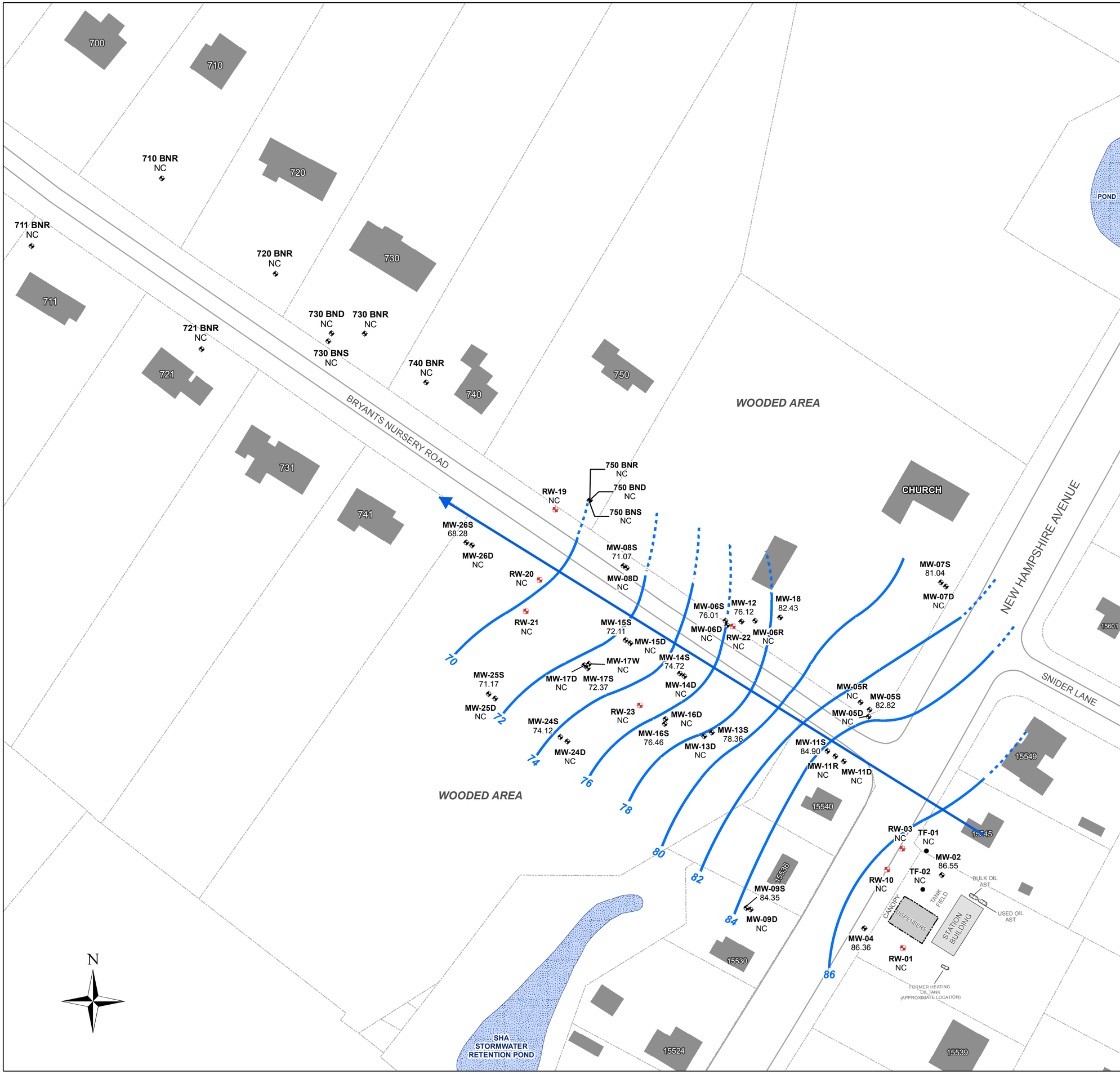
Legend

- Monitoring Well
- Recovery Well
- Tank Field Well
- Station Building
- Canopy
- Above Ground Storage Tank
- Off-site Building/Structure
- Water Body
- Property Boundary
- Curb

0 40 80 160 Feet

1 inch = 80 feet

Figure 3
Site Map
Shell Station #137675
15541 New Hampshire Avenue
Silver Spring, MD



URS

12420 Milestone Center Drive
Germantown, MD 20876

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Checked: JA
Senior:

Legend

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- Recovery Well
- Tank Field Well
- Station Building
- Canopy
- Above Ground Storage Tank
- Off-site Building/Structure
- Water Body
- Property Boundary
- Curb

MW-02 Well ID
86.55 Groundwater Elevation (Feet)

Groundwater Contour (Feet) (dashed where inferred)

Groundwater Flow Direction

Note: Represents the shallow zone groundwater potentiometric map

NC - Not Contoured

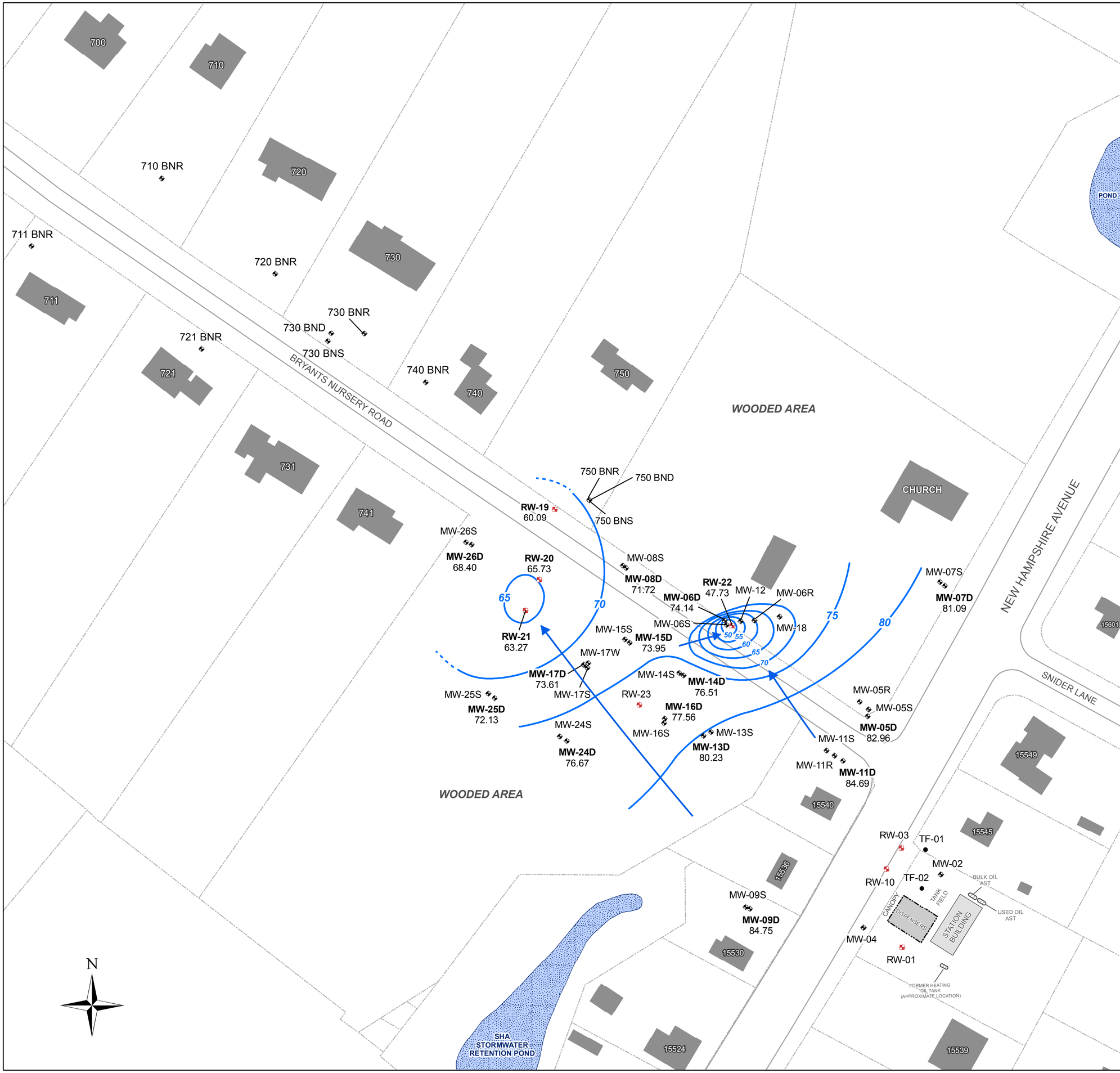
Contour Interval - 2 feet

Data from: August 8, 2011

0 40 80 160 Feet

1 inch = 80 feet

Figure 4
Hyrdaulic Gradient Map
Shell Station #137675
15541 New Hampshire Avenue
Silver Spring, MD



URS

12420 Milestone Center Drive
Germantown, MD 20876

G:\Projects\Shell\Station_137675\MXD\137675_DeepOverburdenGW_3Q11.mxd
Date: 09/16/2011
Created: JK
Checked: JA
Senior:

Legend

- Monitoring Well
- Recovery Well
- Tank Field Well
- Station Building
- Canopy
- Above Ground Storage Tank
- Off-site Building/Structure
- Water Body
- Property Boundary
- Curb

MW-11D Well ID
84.69 Groundwater Elevation (Feet)

Groundwater Contour (Feet) (dashed where inferred)

Groundwater Flow Direction (under pumping conditions)

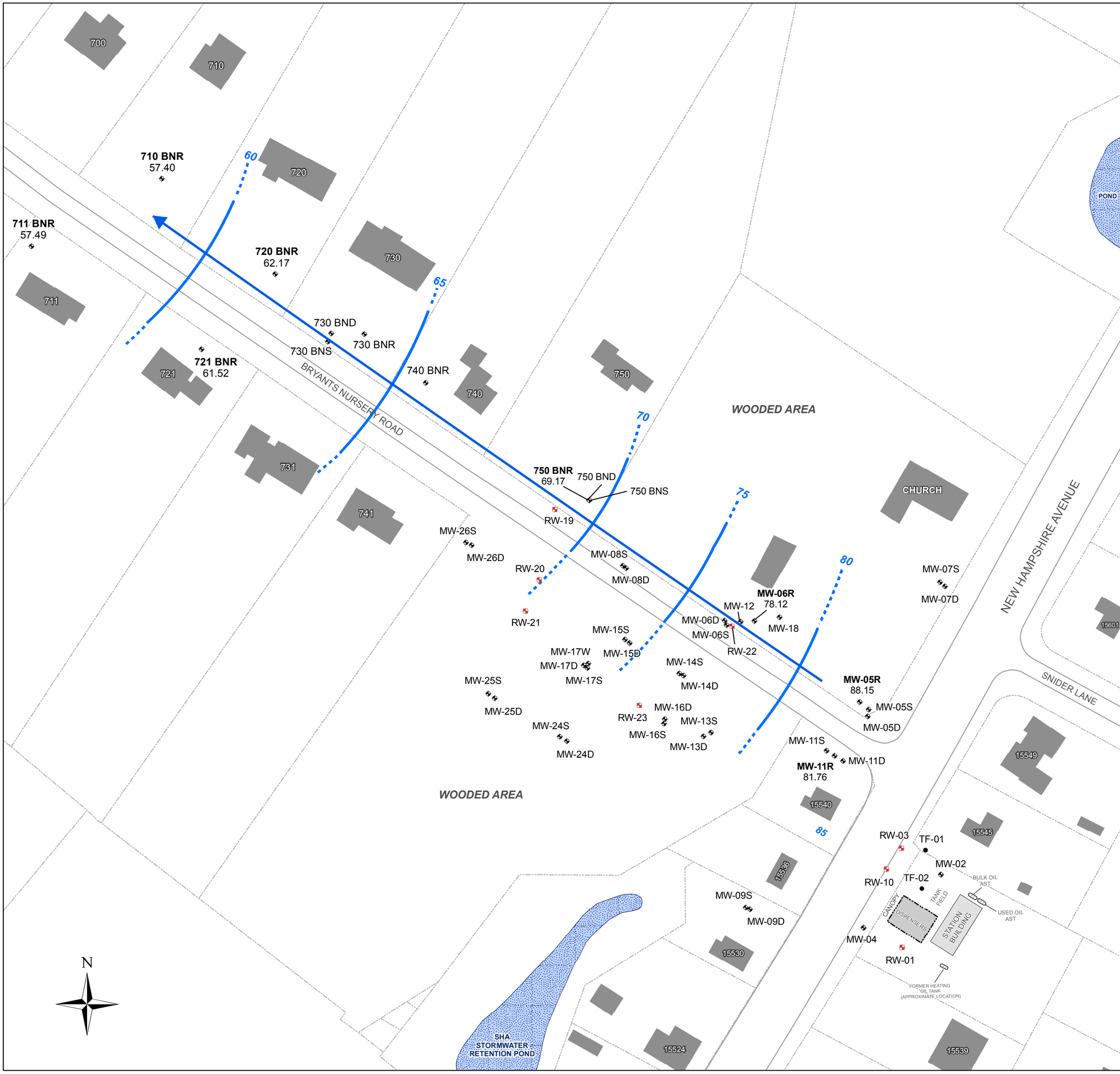
Contour Interval - 5 feet

Data from: August 8, 2011

0 40 80 160 Feet

1 inch = 80 feet

Figure 5
Deep Overburden Groundwater Contour Map
Shell Station #137675
15541 New Hampshire Avenue
Silver Spring, MD



URS

12420 Milestone Center Drive
Germantown, MD 20876

G:\Projects\Shell\Station_137675\MXD\137675_BedrockGW_3Q11.mxd
Date: 09/16/2011
Created: JK
Checked: JA
Senior:

Legend

- Monitoring Well
- Recovery Well
- Tank Field Well
- Station Building
- Canopy
- Above Ground Storage Tank
- Off-site Building/Structure
- Water Body
- Property Boundary
- Curb

MW-11R Well ID
81.76 Groundwater Elevation (Feet)

Groundwater Contour (Feet) (dashed where inferred)

Groundwater Flow Direction

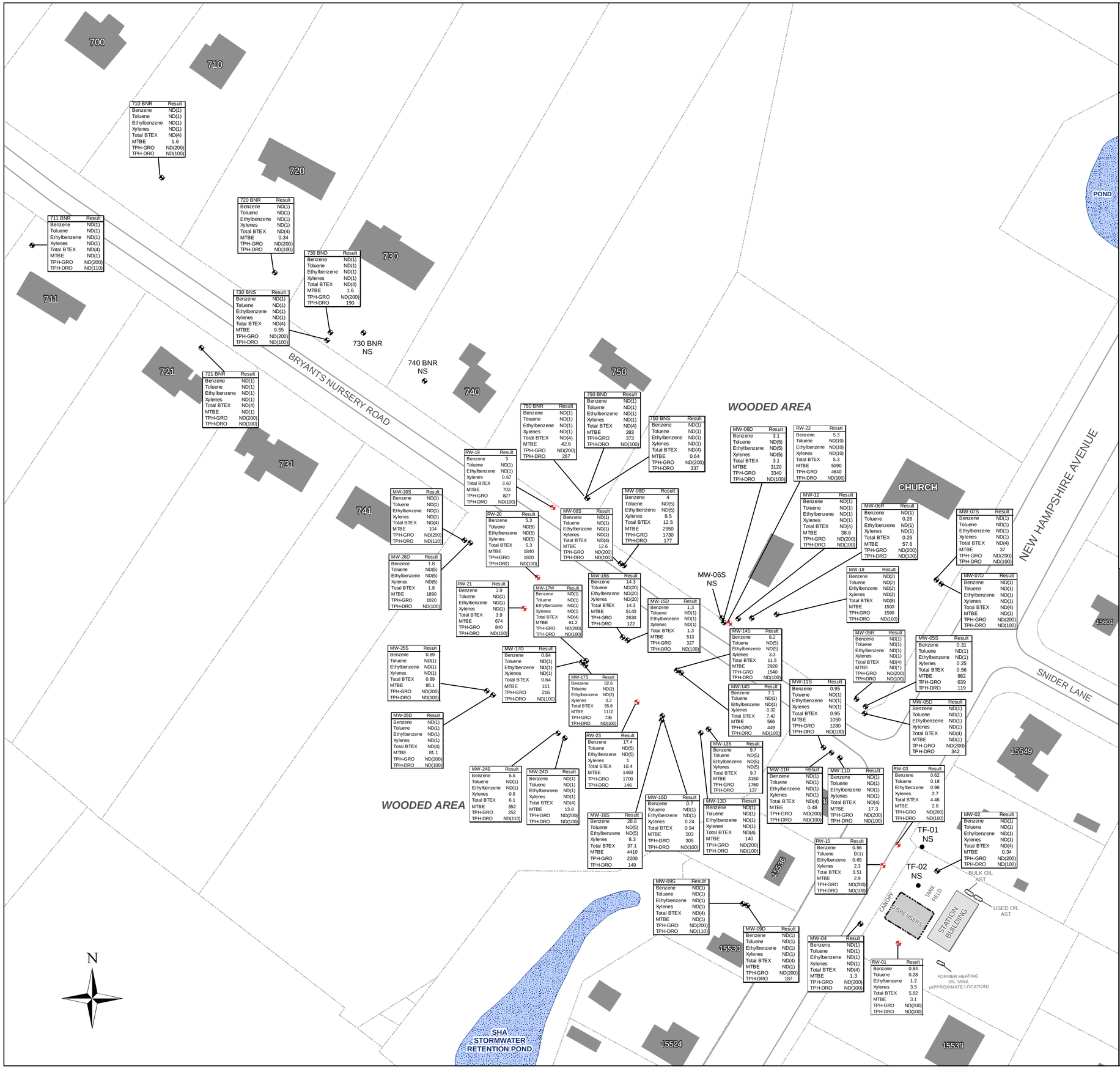
Contour Interval - 5 feet

Data from: August 8, 2011

0 40 80 160 Feet

1 inch = 80 feet

Figure 6
Bedrock Groundwater Contour Map
Shell Station #137675
15541 New Hampshire Avenue
Silver Spring, MD



710 BNR	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	1.6
TPH-GRO	ND(200)
TPH-DRO	ND(100)

711 BNR	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	ND(1)
TPH-GRO	ND(200)
TPH-DRO	ND(110)

720 BNR	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	0.34
TPH-GRO	ND(200)
TPH-DRO	ND(100)

730 BND	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	1.6
TPH-GRO	ND(200)
TPH-DRO	190

730 BNS	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	0.55
TPH-GRO	ND(200)
TPH-DRO	ND(100)

721 BNR	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	ND(1)
TPH-GRO	ND(200)
TPH-DRO	ND(100)

750 BNR	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	42.6
TPH-GRO	ND(200)
TPH-DRO	267

750 BND	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	283
TPH-GRO	373
TPH-DRO	ND(100)

750 BNS	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	0.64
TPH-GRO	ND(200)
TPH-DRO	337

RW-19	Result
Benzene	3
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	0.67
Total BTEX	3.67
MTBE	703
TPH-GRO	827
TPH-DRO	ND(100)

MW-06D	Result
Benzene	3.1
Toluene	ND(5)
Ethylbenzene	ND(5)
Xylenes	ND(5)
Total BTEX	3.1
MTBE	3120
TPH-GRO	3340
TPH-DRO	ND(100)

RW-22	Result
Benzene	5.3
Toluene	ND(10)
Ethylbenzene	ND(10)
Xylenes	ND(10)
Total BTEX	5.3
MTBE	5090
TPH-GRO	4640
TPH-DRO	ND(100)

MW-26S	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	104
TPH-GRO	ND(200)
TPH-DRO	ND(110)

RW-20	Result
Benzene	5.3
Toluene	ND(5)
Ethylbenzene	ND(5)
Xylenes	ND(5)
Total BTEX	5.3
MTBE	1840
TPH-GRO	1820
TPH-DRO	ND(100)

MW-08S	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	12.6
TPH-GRO	ND(200)
TPH-DRO	ND(100)

MW-08D	Result
Benzene	4
Toluene	ND(5)
Ethylbenzene	ND(5)
Xylenes	8.5
Total BTEX	12.5
MTBE	2950
TPH-GRO	1730
TPH-DRO	177

MW-12	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	38.6
TPH-GRO	ND(200)
TPH-DRO	ND(100)

MW-06R	Result
Benzene	ND(1)
Toluene	0.26
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	0.26
MTBE	57.6
TPH-GRO	ND(200)
TPH-DRO	ND(100)

MW-07S	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	37
TPH-GRO	ND(200)
TPH-DRO	ND(100)

MW-26D	Result
Benzene	1.8
Toluene	ND(5)
Ethylbenzene	ND(5)
Xylenes	ND(5)
Total BTEX	1.8
MTBE	1890
TPH-GRO	1020
TPH-DRO	ND(100)

RW-21	Result
Benzene	3.9
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	3.9
MTBE	674
TPH-GRO	840
TPH-DRO	ND(100)

MW-17W	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	61.2
TPH-GRO	ND(200)
TPH-DRO	ND(100)

MW-15S	Result
Benzene	14.3
Toluene	ND(20)
Ethylbenzene	ND(20)
Xylenes	ND(20)
Total BTEX	14.3
MTBE	5140
TPH-GRO	2630
TPH-DRO	122

MW-15D	Result
Benzene	1.3
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	1.3
MTBE	513
TPH-GRO	327
TPH-DRO	ND(100)

MW-18	Result
Benzene	ND(2)
Toluene	ND(2)
Ethylbenzene	ND(2)
Xylenes	ND(2)
Total BTEX	ND(8)
MTBE	1500
TPH-GRO	1590
TPH-DRO	ND(100)

MW-07D	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	ND(1)
TPH-GRO	ND(200)
TPH-DRO	ND(100)

MW-14S	Result
Benzene	8.2
Toluene	ND(5)
Ethylbenzene	ND(5)
Xylenes	3.3
Total BTEX	11.5
MTBE	2920
TPH-GRO	1540
TPH-DRO	ND(100)

MW-05R	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	ND(1)
TPH-GRO	ND(200)
TPH-DRO	ND(100)

MW-05S	Result
Benzene	0.31
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	0.25
Total BTEX	0.56
MTBE	982
TPH-GRO	639
TPH-DRO	119

MW-25S	Result
Benzene	0.89
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	0.89
MTBE	86.1
TPH-GRO	ND(200)
TPH-DRO	ND(100)

MW-17D	Result
Benzene	0.64
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	0.64
MTBE	161
TPH-GRO	216
TPH-DRO	ND(100)

MW-17S	Result
Benzene	32.6
Toluene	ND(2)
Ethylbenzene	ND(2)
Xylenes	3.2
Total BTEX	35.8
MTBE	1110
TPH-GRO	736
TPH-DRO	ND(100)

MW-14D	Result
Benzene	7.1
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	0.32
Total BTEX	7.42
MTBE	566
TPH-GRO	449
TPH-DRO	ND(100)

MW-11S	Result
Benzene	0.95
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	0.95
MTBE	1050
TPH-GRO	1280
TPH-DRO	ND(100)

MW-05D	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	ND(1)
TPH-GRO	ND(200)
TPH-DRO	342

MW-25D	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	81.1
TPH-GRO	ND(200)
TPH-DRO	ND(100)

RW-23	Result
Benzene	17.4
Toluene	ND(5)
Ethylbenzene	ND(5)
Xylenes	1
Total BTEX	18.4
MTBE	1460
TPH-GRO	1700
TPH-DRO	146

MW-13S	Result
Benzene	9.7
Toluene	ND(5)
Ethylbenzene	ND(5)
Xylenes	ND(5)
Total BTEX	9.7
MTBE	3150
TPH-GRO	1760
TPH-DRO	137

MW-24S	Result
Benzene	5.5
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	0.6
Total BTEX	6.1
MTBE	352
TPH-GRO	252
TPH-DRO	ND(110)

MW-24D	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	13.8
TPH-GRO	ND(200)
TPH-DRO	ND(100)

MW-11R	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	0.48
TPH-GRO	ND(200)
TPH-DRO	ND(100)

MW-11D	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	17.3
TPH-GRO	ND(200)
TPH-DRO	ND(100)

RW-03	Result
Benzene	0.62
Toluene	0.18
Ethylbenzene	0.96
Xylenes	2.7
Total BTEX	4.46
MTBE	2.8
TPH-GRO	ND(200)
TPH-DRO	ND(100)

MW-02	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	0.34
TPH-GRO	ND(200)
TPH-DRO	ND(100)

MW-16D	Result
Benzene	0.7
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	0.24
Total BTEX	0.94
MTBE	503
TPH-GRO	305
TPH-DRO	ND(100)

MW-13D	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	140
TPH-GRO	ND(200)
TPH-DRO	ND(100)

MW-16S	Result
Benzene	28.8
Toluene	ND(5)
Ethylbenzene	ND(5)
Xylenes	8.3
Total BTEX	37.1
MTBE	4410
TPH-GRO	2200
TPH-DRO	149

RW-10	Result
Benzene	0.56
Toluene	D(1)
Ethylbenzene	0.65
Xylenes	2.3
Total BTEX	3.51
MTBE	2.9
TPH-GRO	ND(200)
TPH-DRO	ND(100)

MW-09S	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	ND(1)
TPH-GRO	ND(200)
TPH-DRO	ND(110)

MW-09D	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	ND(1)
TPH-GRO	ND(200)
TPH-DRO	187

MW-04	Result
Benzene	ND(1)
Toluene	ND(1)
Ethylbenzene	ND(1)
Xylenes	ND(1)
Total BTEX	ND(4)
MTBE	1.3
TPH-GRO	ND(200)
TPH-DRO	ND(100)

RW-01	Result
Benzene	0.84
Toluene	0.28
Ethylbenzene	1.2
Xylenes	3.5
Total BTEX	5.82
MTBE	3.1
TPH-GRO	ND(200)
TPH-DRO	ND(100)

URS
12420 Milestone Center Drive
Germantown, MD 20876

G:\Projects\Shell\Station_137675\MXD\137675_DPC_3Q11.mxd
Date: 09/19/2011
Created: JK
Checked: JA
Senior:

Legend

- Monitoring Well
- Recovery Well
- Tank Field Well
- Station Building
- Canopy
- Above Ground Storage Tank
- Off-site Building/Structure
- Water Body
- Property Boundary
- Curb

ND (1) - Not Detected (Detection Limit)

NS - Not Sampled

Concentrations in µg/L

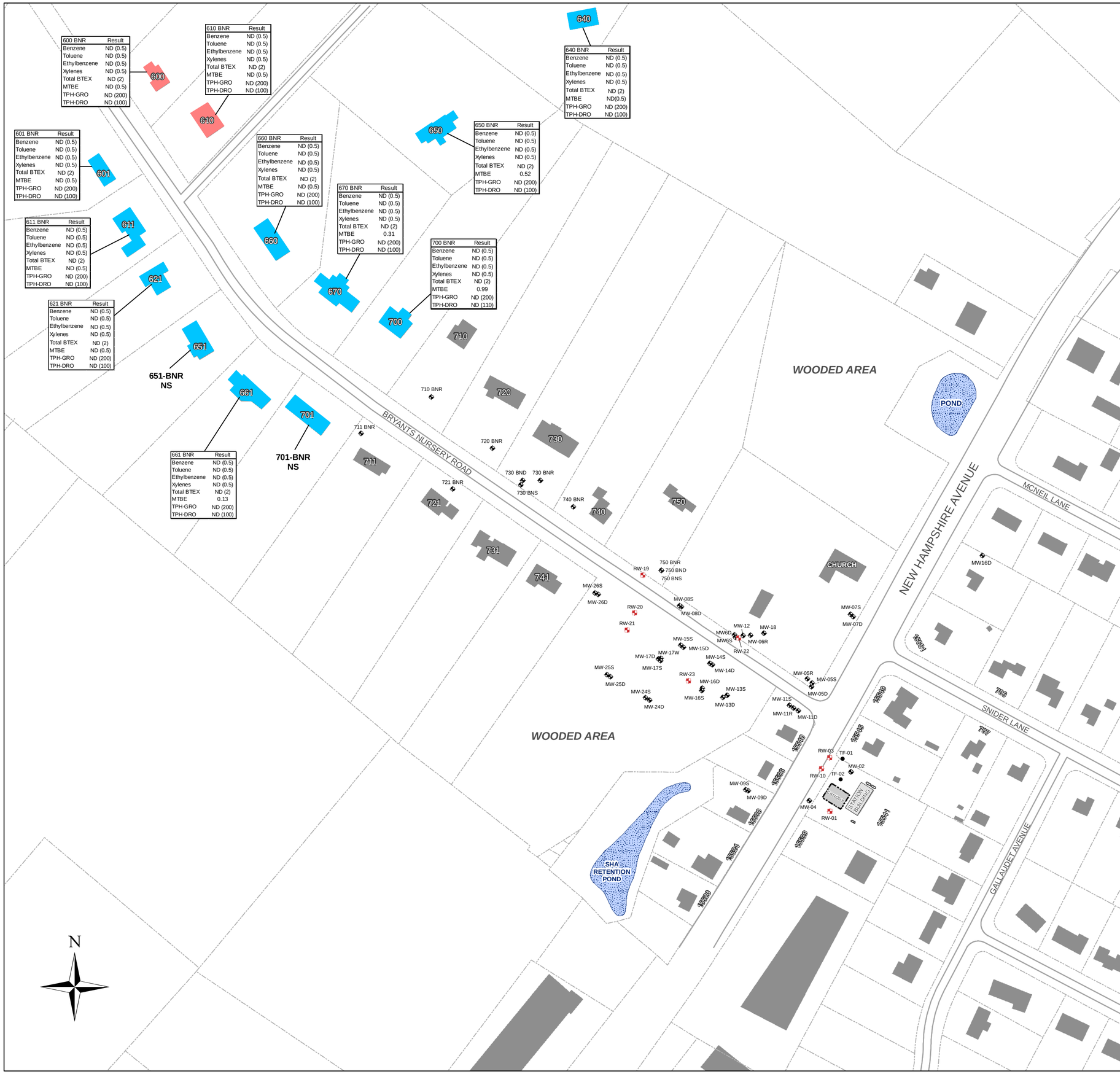
Data from: August 8, 2011

Total BTEX- Total Benzene, Toluene, Ethylbenzene, Xylenes
MTBE- Methyl tert-Butyl Ether
TPH-GRO - Total petroleum hydrocarbons-gasoline range organics
TPH-DRO - Total petroleum hydrocarbons-diesel range organics

0 40 80 160 Feet

1 inch = 80 feet

Figure 7
Dissolved Phase Concentration Map
Shell Station #137675
15541 New Hampshire Avenue
Silver Spring, MD



URS

12420 Milestone Center Drive
Germantown, MD 20876

G:\Projects\Shell\Station_137675\MXD\137675_PotableWell_DPC_3Q11.mxd
Date: 09/19/2011
Created: JK
Checked: JA
Senior:

Legend

- Monitoring Well
- Recovery Well
- Tank Field Well
- Station Building
- Canopy
- Above Ground Storage Tank
- Off-site Building/Structure
- Water Body
- Property Boundary
- Curb

Sampled - Potable Wells

Sampled - Bottled Water Provided to Resident

ND (0.5) - Not Detected (Detection Limit)

NS - Not Sampled

Concentrations in µg/L

Data from: August 10-22, 2011

Total BTEX- Total Benzene, Toluene, Ethylbenzene, Xylenes
MTBE- Methyl tert-Butyl Ether
TPH-GRO - Total petroleum hydrocarbons-gasoline range organics
TPH-DRO - Total petroleum hydrocarbons-diesel range organics

0 75 150 300 450 Feet

1 inch = 150 feet

Figure 8
Potable Well Concentration Map
Shell Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

TABLES

Table 1
Well Gauge Report
137675

Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
710 BNR						
	6/11/2010	ND	25.55	ND	61.79	61.79
	8/27/2010	ND	28.97	ND	58.37	58.37
	12/2/2010	ND	29.55	ND	57.79	57.79
	12/21/2010	ND	29.68	ND	57.66	57.66
	1/5/2011	ND	29.73	ND	57.61	57.61
	1/11/2011	ND	29.87	ND	57.47	57.47
	1/18/2011	ND	29.88	ND	57.46	57.46
	1/25/2011	ND	29.96	ND	57.38	57.38
	2/1/2011	ND	30.02	ND	57.32	57.32
	2/7/2011	ND	29.94	ND	57.40	57.40
	2/23/2011	ND	29.72	ND	57.62	57.62
	3/3/2011	ND	29.56	ND	57.78	57.78
	3/7/2011	ND	29.31	ND	58.03	58.03
	3/15/2011	ND	28.69	ND	58.65	58.65
	3/22/2011	ND	28.01	ND	59.33	59.33
	3/29/2011	ND	27.58	ND	59.76	59.76
	4/5/2011	ND	27.09	ND	60.25	60.25
	4/11/2011	ND	26.92	ND	60.42	60.42
	4/18/2011	ND	26.74	ND	60.60	60.60
	4/27/2011	ND	26.08	ND	61.26	61.26
	5/6/2011	ND	26.08	ND	61.26	61.26
	5/16/2011	ND	26.10	ND	61.24	61.24
	5/24/2011	ND	26.09	ND	61.25	61.25
	5/31/2011	ND	26.35	ND	60.99	60.99
	6/9/2011	ND	26.69	ND	60.65	60.65
	6/15/2011	ND	26.40	ND	60.94	60.94
	6/23/2011	ND	27.39	ND	59.95	59.95
	6/29/2011	ND	26.63	ND	60.71	60.71
	7/7/2011	ND	25.64	ND	61.70	61.70
	7/14/2011	ND	28.61	ND	58.73	58.73
	7/20/2011	ND	28.93	ND	58.41	58.41
	7/27/2011	ND	29.28	ND	58.06	58.06
	8/4/2011	ND	26.67	ND	60.67	60.67
	8/8/2011	ND	29.94	ND	57.40	57.40
	8/15/2011	ND	30.30	ND	57.04	57.04
	8/24/2011	ND	29.88	ND	57.46	57.46
	8/31/2011	ND	31.31	ND	56.03	56.03
	9/16/2011	ND	30.84	ND	56.50	56.50
	9/20/2011	ND	30.65	ND	56.69	56.69
	9/28/2011	ND	30.50	ND	56.84	56.84

Notes:
NC*-Not Calculated - Top of casing elevation unknown, unable to calculate groundwater elevation
ND - Not Detected
NM-Not Measurable
NA-Not Available

Table 1
Well Gauge Report
137675

Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
711 BNR						
	6/11/2010	ND	22.57	ND	62.43	62.43
	8/27/2010	ND	26.74	ND	58.26	58.26
	12/2/2010	ND	27.38	ND	57.62	57.62
	12/21/2010	ND	27.57	ND	57.43	57.43
	1/5/2011	ND	27.54	ND	57.46	57.46
	1/11/2011	ND	27.63	ND	57.37	57.37
	1/18/2011	ND	27.62	ND	57.38	57.38
	1/25/2011	ND	28.11	ND	56.89	56.89
	2/1/2011	ND	27.80	ND	57.20	57.20
	2/7/2011	ND	27.83	ND	57.17	57.17
	2/23/2011	ND	27.44	ND	57.56	57.56
	3/3/2011	ND	27.22	ND	57.78	57.78
	3/7/2011	ND	27.04	ND	57.96	57.96
	3/15/2011	ND	26.37	ND	58.63	58.63
	3/22/2011	ND	25.70	ND	59.30	59.30
	3/29/2011	ND	25.04	ND	59.96	59.96
	4/5/2011	ND	24.64	ND	60.36	60.36
	4/11/2011	ND	24.40	ND	60.60	60.60
	4/18/2011	ND	24.33	ND	60.67	60.67
	4/27/2011	ND	23.50	ND	61.50	61.50
	5/6/2011	ND	23.49	ND	61.51	61.51
	5/16/2011	ND	23.48	ND	61.52	61.52
	5/24/2011	ND	23.41	ND	61.59	61.59
	5/31/2011	ND	23.63	ND	61.37	61.37
	6/9/2011	ND	23.98	ND	61.02	61.02
	6/15/2011	ND	24.00	ND	61.00	61.00
	6/23/2011	ND	24.72	ND	60.28	60.28
	6/29/2011	ND	23.99	ND	61.01	61.01
	7/7/2011	ND	28.25	ND	56.75	56.75
	7/14/2011	ND	26.16	ND	58.84	58.84
	7/20/2011	ND	26.52	ND	58.48	58.48
	7/27/2011	ND	26.82	ND	58.18	58.18
	8/4/2011	ND	27.01	ND	57.99	57.99
	8/8/2011	ND	27.51	ND	57.49	57.49
	8/15/2011	ND	28.01	ND	56.99	56.99
	8/24/2011	ND	27.43	ND	57.57	57.57
	8/31/2011	ND	28.61	ND	56.39	56.39
	9/16/2011	ND	28.25	ND	56.75	56.75
	9/20/2011	ND	27.91	ND	57.09	57.09
	9/28/2011	ND	27.74	ND	57.26	57.26

Notes:
NC*-Not Calculated - Top of casing elevation unknown, unable to calculate groundwater elevation
ND - Not Detected
NM-Not Measurable
NA-Not Available

Table 1
Well Gauge Report
137675

Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
720 BNR						
	6/11/2010	ND	25.66	ND	67.00	67.00
	8/27/2010	ND	29.36	ND	63.30	63.30
	12/2/2010	ND	29.72	ND	62.94	62.94
	12/21/2010	ND	29.91	ND	62.75	62.75
	1/5/2011	ND	29.99	ND	62.67	62.67
	1/11/2011	ND	30.11	ND	62.55	62.55
	1/18/2011	ND	30.07	ND	62.59	62.59
	1/25/2011	ND	30.21	ND	62.45	62.45
	2/1/2011	ND	30.26	ND	62.40	62.40
	2/7/2011	ND	30.16	ND	62.50	62.50
	2/23/2011	ND	29.96	ND	62.70	62.70
	3/3/2011	ND	29.73	ND	62.93	62.93
	3/7/2011	ND	29.58	ND	63.08	63.08
	3/15/2011	ND	28.83	ND	63.83	63.83
	3/22/2011	ND	28.15	ND	64.51	64.51
	3/29/2011	ND	27.73	ND	64.93	64.93
	4/5/2011	ND	27.38	ND	65.28	65.28
	4/11/2011	ND	27.13	ND	65.53	65.53
	4/18/2011	ND	26.99	ND	65.67	65.67
	4/27/2011	ND	26.27	ND	66.39	66.39
	5/6/2011	ND	26.28	ND	66.38	66.38
	5/16/2011	ND	26.29	ND	66.37	66.37
	5/24/2011	ND	26.39	ND	66.27	66.27
	5/31/2011	ND	26.69	ND	65.97	65.97
	6/9/2011	ND	27.22	ND	65.44	65.44
	6/15/2011	ND	27.11	ND	65.55	65.55
	6/23/2011	ND	27.85	ND	64.81	64.81
	6/29/2011	ND	27.14	ND	65.52	65.52
	7/7/2011	ND	28.73	ND	63.93	63.93
	7/14/2011	ND	29.15	ND	63.51	63.51
	7/20/2011	ND	29.46	ND	63.20	63.20
	7/27/2011	ND	29.97	ND	62.69	62.69
	8/4/2011	ND	30.09	ND	62.57	62.57
	8/8/2011	ND	30.49	ND	62.17	62.17
	8/15/2011	ND	30.78	ND	61.88	61.88
	8/24/2011	ND	30.86	ND	61.80	61.80
	8/31/2011	ND	30.31	ND	62.35	62.35
	9/16/2011	ND	30.74	ND	61.92	61.92
	9/20/2011	ND	30.56	ND	62.10	62.10
	9/28/2011	ND	30.48	ND	62.18	62.18

Notes:
NC*-Not Calculated - Top of casing elevation unknown, unable to calculate groundwater elevation
ND - Not Detected
NM-Not Measurable
NA-Not Available

Table 1
Well Gauge Report
137675

Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
721 BNR						
	6/11/2010	ND	24.40	ND	65.78	65.78
	8/27/2010	ND	27.30	ND	62.88	62.88
	12/2/2010	ND	27.70	ND	62.48	62.48
	12/21/2010	ND	27.82	ND	62.36	62.36
	1/5/2011	ND	27.96	ND	62.22	62.22
	1/11/2011	ND	28.10	ND	62.08	62.08
	1/18/2011	ND	28.04	ND	62.14	62.14
	1/25/2011	ND	28.19	ND	61.99	61.99
	2/1/2011	ND	28.20	ND	61.98	61.98
	2/7/2011	ND	27.84	ND	62.34	62.34
	2/23/2011	ND	27.80	ND	62.38	62.38
	3/3/2011	ND	27.58	ND	62.60	62.60
	3/7/2011	ND	26.82	ND	63.36	63.36
	3/15/2011	ND	26.83	ND	63.35	63.35
	3/22/2011	ND	26.24	ND	63.94	63.94
	3/29/2011	ND	25.86	ND	64.32	64.32
	4/5/2011	ND	25.33	ND	64.85	64.85
	4/11/2011	ND	25.38	ND	64.80	64.80
	4/18/2011	ND	25.04	ND	65.14	65.14
	4/27/2011	ND	24.77	ND	65.41	65.41
	5/6/2011	ND	24.70	ND	65.48	65.48
	5/16/2011	ND	24.71	ND	65.47	65.47
	5/24/2011	ND	24.85	ND	65.33	65.33
	5/31/2011	ND	25.20	ND	64.98	64.98
	6/9/2011	ND	25.84	ND	64.34	64.34
	6/15/2011	ND	25.94	ND	64.24	64.24
	6/23/2011	ND	26.35	ND	63.83	63.83
	6/29/2011	ND	25.06	ND	65.12	65.12
	7/7/2011	ND	27.22	ND	62.96	62.96
	7/14/2011	ND	27.47	ND	62.71	62.71
	7/20/2011	ND	27.79	ND	62.39	62.39
	7/27/2011	ND	28.11	ND	62.07	62.07
	8/4/2011	ND	28.53	ND	61.65	61.65
	8/8/2011	ND	28.66	ND	61.52	61.52
	8/15/2011	ND	28.96	ND	61.22	61.22
	8/24/2011	ND	29.95	ND	60.23	60.23
	8/31/2011	ND	30.35	ND	59.83	59.83
	9/16/2011	ND	29.81	ND	60.37	60.37
	9/20/2011	ND	29.70	ND	60.48	60.48
	9/28/2011	ND	29.55	ND	60.63	60.63

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Table 1
Well Gauge Report
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Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
730 BND						
	10/1/2010	ND	27.51	ND	64.22	64.22
	12/2/2010	ND	27.32	ND	64.41	64.41
	5/16/2011	ND	24.44	ND	67.29	67.29
	8/8/2011	ND	28.05	ND	63.68	63.68
730 BNS						
	10/1/2010	ND	28.11	ND	63.60	63.60
	12/2/2010	ND	28.02	ND	63.69	63.69
	5/16/2011	ND	24.34	ND	67.37	67.37
	8/8/2011	ND	28.68	ND	63.03	63.03
740 BNR						
	12/2/2010	ND	29.61	ND	63.48	63.48
	12/21/2010	ND	26.13	ND	66.96	66.96
	1/5/2011	ND	26.32	ND	66.77	66.77
	1/11/2011	ND	26.65	ND	66.44	66.44
	1/18/2011	ND	26.25	ND	66.84	66.84
	1/25/2011	ND	26.42	ND	66.67	66.67
	2/1/2011	ND	26.39	ND	66.70	66.70
	2/7/2011	ND	26.28	ND	66.81	66.81
	2/23/2011	ND	25.99	ND	67.10	67.10
	3/3/2011	ND	25.69	ND	67.40	67.40
	3/7/2011	ND	25.57	ND	67.52	67.52
	3/15/2011	ND	24.98	ND	68.11	68.11
	3/22/2011	ND	24.39	ND	68.70	68.70
	4/5/2011	ND	23.89	ND	69.20	69.20
	4/11/2011	ND	23.87	ND	69.22	69.22
	4/18/2011	ND	23.73	ND	69.36	69.36
	4/27/2011	ND	23.14	ND	69.95	69.95
	5/6/2011	ND	22.91	ND	70.18	70.18
	5/16/2011	ND	13.02	ND	80.07	80.07
	5/24/2011	ND	23.21	ND	69.88	69.88
	5/31/2011	ND	23.67	ND	69.42	69.42
	6/9/2011	ND	25.02	ND	68.07	68.07
	6/15/2011	ND	24.52	ND	68.57	68.57
	6/23/2011	ND	24.66	ND	68.43	68.43
	6/29/2011	ND	24.27	ND	68.82	68.82
	7/7/2011	ND	25.55	ND	67.54	67.54
	7/14/2011	ND	25.80	ND	67.29	67.29
	7/20/2011	ND	26.40	ND	66.69	66.69
	7/27/2011	ND	26.76	ND	66.33	66.33
	8/4/2011	ND	26.91	ND	66.18	66.18

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Well Gauge Report
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Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
740 BNR						
	8/8/2011	ND	27.28	ND	65.81	65.81
	8/15/2011	ND	27.55	ND	65.54	65.54
	8/24/2011	ND	27.94	ND	65.15	65.15
	8/31/2011	ND	28.35	ND	64.74	64.74
	9/16/2011	ND	27.04	ND	66.05	66.05
	9/20/2011	ND	26.86	ND	66.23	66.23
	9/28/2011	ND	26.95	ND	66.14	66.14
741 BRYANTS NURSERY						
	6/11/2010	ND	7.40	ND	67.43	67.43
	8/27/2010	ND	9.22	ND	65.61	65.61
750 BND						
	6/22/2005	ND	17.83	ND	75.05	75.05
	11/17/2005	ND	20.36	ND	72.52	72.52
	3/30/2006	ND	18.46	ND	74.42	74.42
	6/29/2006	ND	18.09	ND	74.79	74.79
	9/28/2006	ND	20.60	ND	72.28	72.28
	12/19/2006	ND	19.29	ND	73.59	73.59
	3/6/2007	ND	18.03	ND	74.85	74.85
	6/22/2007	ND	17.60	ND	75.28	75.28
	9/25/2007	ND	54.55	ND	38.33	38.33
	12/5/2007	ND	46.02	ND	46.86	46.86
	3/25/2008	ND	20.30	ND	72.58	72.58
	6/24/2008	ND	16.70	ND	76.18	76.18
	9/15/2008	ND	20.93	ND	71.95	71.95
	12/12/2008	ND	25.35	ND	67.53	67.53
	2/20/2009	ND	20.02	ND	72.86	72.86
	5/7/2009	ND	19.47	ND	73.41	73.41
	9/23/2009	ND	19.78	ND	73.10	73.10
	12/7/2009	ND	19.42	ND	73.46	73.46
	3/11/2010	ND	15.35	ND	77.53	77.53
	5/17/2010	Well Not Gauged - No Comment Available				
	5/20/2010	ND	14.47	ND	78.41	78.41
	9/27/2010	ND	20.03	ND	72.85	72.85
	12/2/2010	ND	20.52	ND	72.36	72.36
	2/14/2011	ND	22.20	ND	70.68	70.68
	5/16/2011	ND	18.95	ND	73.93	73.93
	8/8/2011	ND	22.43	ND	70.45	70.45
750 BNR						
	6/22/2005	ND	8.18	ND	84.73	84.73
	11/17/2005	ND	19.10	ND	73.81	73.81

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750 BNR						
	3/30/2006	Well Not Gauged - No Comment Available				
	6/29/2006	ND	20.16	ND	72.75	72.75
	9/28/2006	ND	22.70	ND	70.21	70.21
	12/19/2006	ND	25.38	ND	67.53	67.53
	3/6/2007	ND	29.24	ND	63.67	63.67
	6/22/2007	ND	44.25	ND	48.66	48.66
	9/25/2007	ND	21.90	ND	71.01	71.01
	12/5/2007	ND	22.91	ND	70.00	70.00
	3/25/2008	ND	44.51	ND	48.40	48.40
	6/24/2008	ND	58.89	ND	34.02	34.02
	9/15/2008	ND	54.02	ND	38.89	38.89
	12/12/2008	ND	56.73	ND	36.18	36.18
	2/20/2009	ND	52.23	ND	40.68	40.68
	5/7/2009	ND	46.45	ND	46.46	46.46
	9/23/2009	ND	31.13	ND	61.78	61.78
	12/7/2009	ND	36.75	ND	56.16	56.16
	3/11/2010	ND	31.35	ND	61.56	61.56
	5/17/2010	Well Not Gauged - No Comment Available				
	5/20/2010	ND	31.97	ND	60.94	60.94
	9/27/2010	ND	26.88	ND	66.03	66.03
	12/2/2010	ND	24.76	ND	68.15	68.15
	12/21/2010	ND	40.60	ND	52.31	52.31
	2/14/2011	ND	29.92	ND	62.99	62.99
	5/16/2011	ND	23.85	ND	69.06	69.06
	8/8/2011	ND	23.74	ND	69.17	69.17
750 BNS						
	6/22/2005	ND	15.60	ND	77.27	77.27
	11/17/2005	ND	15.20	ND	77.67	77.67
	3/30/2006	ND	15.36	ND	77.51	77.51
	6/29/2006	ND	20.19	ND	72.68	72.68
	9/28/2006	ND	19.92	ND	72.95	72.95
	12/19/2006	ND	22.05	ND	70.82	70.82
	3/6/2007	ND	20.30	ND	72.57	72.57
	6/22/2007	ND	20.00	ND	72.87	72.87
	6/25/2007	Well Not Gauged - No Comment Available				
	9/25/2007	ND	20.01	ND	72.86	72.86
	12/5/2007	ND	19.86	ND	73.01	73.01
	3/25/2008	ND	20.25	ND	72.62	72.62
	6/24/2008	ND	20.01	ND	72.86	72.86
	9/15/2008	ND	20.01	ND	72.86	72.86
	12/12/2008	ND	19.87	ND	73.00	73.00

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750 BNS						
	2/20/2009	ND	20.99	ND	71.88	71.88
	5/7/2009	ND	19.89	ND	72.98	72.98
	9/23/2009	ND	19.56	ND	73.31	73.31
	12/7/2009	ND	20.27	ND	72.60	72.60
	3/11/2010	ND	20.16	ND	72.71	72.71
	5/17/2010	Well Not Gauged - No Comment Available				
	5/20/2010	ND	19.87	ND	73.00	73.00
	9/27/2010	ND	19.75	ND	73.12	73.12
	12/2/2010	ND	20.80	ND	72.07	72.07
	2/14/2011	ND	21.70	ND	71.17	71.17
	5/16/2011	ND	22.65	ND	70.22	70.22
	8/8/2011	ND	22.74	ND	70.13	70.13
MW-02						
	1/6/2004	ND	4.60	ND	94.78	94.78
	4/5/2004	ND	4.61	ND	94.77	94.77
	7/1/2004	ND	6.94	ND	92.44	92.44
	8/17/2004	ND	7.63	ND	91.75	91.75
	9/10/2004	ND	10.45	ND	88.93	88.93
	10/5/2004	ND	10.90	ND	88.48	88.48
	1/3/2005	ND	10.93	ND	88.45	88.45
	4/13/2005	ND	8.36	ND	91.02	91.02
	8/17/2005	ND	10.08	ND	89.30	89.30
	11/17/2005	ND	10.58	ND	88.80	88.80
	3/30/2006	ND	10.77	ND	88.61	88.61
	6/29/2006	ND	9.99	ND	89.39	89.39
	9/28/2006	ND	12.53	ND	86.85	86.85
	12/19/2006	ND	12.02	ND	87.36	87.36
	3/6/2007	ND	11.48	ND	87.90	87.90
	6/22/2007	ND	11.73	ND	87.65	87.65
	9/25/2007	ND	14.10	ND	85.28	85.28
	12/5/2007	ND	15.40	ND	83.98	83.98
	3/25/2008	ND	13.32	ND	86.06	86.06
	6/24/2008	ND	11.60	ND	87.78	87.78
	9/15/2008	ND	13.90	ND	85.48	85.48
	12/12/2008	ND	14.80	ND	84.58	84.58
	2/20/2009	ND	14.15	ND	85.23	85.23
	5/7/2009	ND	12.18	ND	87.20	87.20
	9/23/2009	ND	12.62	ND	86.76	86.76
	12/7/2009	ND	11.58	ND	87.80	87.80
	3/11/2010	ND	8.12	ND	91.26	91.26
	5/17/2010	ND	8.85	ND	90.53	90.53

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MW-02						
	5/20/2010	Well Not Gauged - No Comment Available				
	9/27/2010	ND	12.08	ND	87.30	87.30
	12/2/2010	ND	12.12	ND	87.26	87.26
	1/11/2011	ND	12.59	ND	86.79	86.79
	2/18/2011	ND	12.05	ND	87.33	87.33
	5/16/2011	ND	10.55	ND	88.83	88.83
	8/8/2011	ND	12.83	ND	86.55	86.55
MW-04						
	1/6/2004	ND	3.52	ND	94.00	94.00
	4/5/2004	ND	3.77	ND	93.75	93.75
	7/1/2004	ND	5.22	ND	92.30	92.30
	8/17/2004	ND	9.43	ND	88.09	88.09
	9/10/2004	ND	8.68	ND	88.84	88.84
	10/5/2004	ND	9.04	ND	88.48	88.48
	1/3/2005	ND	9.21	ND	88.31	88.31
	4/13/2005	ND	7.56	ND	89.96	89.96
	8/17/2005	ND	7.73	ND	89.79	89.79
	11/17/2005	ND	8.82	ND	88.70	88.70
	3/30/2006	ND	9.29	ND	88.23	88.23
	6/29/2006	ND	8.12	ND	89.40	89.40
	9/28/2006	ND	10.69	ND	86.83	86.83
	12/19/2006	ND	10.54	ND	86.98	86.98
	3/6/2007	ND	9.80	ND	87.72	87.72
	6/22/2007	ND	10.25	ND	87.27	87.27
	9/25/2007	ND	12.02	ND	85.50	85.50
	12/5/2007	ND	13.30	ND	84.22	84.22
	3/25/2008	ND	11.96	ND	85.56	85.56
	6/24/2008	ND	9.95	ND	87.57	87.57
	9/15/2008	ND	11.95	ND	85.57	85.57
	12/12/2008	ND	12.71	ND	84.81	84.81
	2/20/2009	ND	12.46	ND	85.06	85.06
	5/7/2009	ND	10.61	ND	86.91	86.91
	9/23/2009	ND	10.78	ND	86.74	86.74
	12/7/2009	ND	9.80	ND	87.72	87.72
	3/11/2010	ND	7.20	ND	90.32	90.32
	5/17/2010	ND	7.63	ND	89.89	89.89
	9/27/2010	ND	10.35	ND	87.17	87.17
	12/2/2010	ND	10.30	ND	87.22	87.22
	2/18/2011	ND	10.46	ND	87.06	87.06
	5/16/2011	ND	9.08	ND	88.44	88.44
	8/8/2011	ND	11.16	ND	86.36	86.36

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MW-04						
MW-05D						
	4/5/2004	ND	8.81	ND	89.99	89.99
	7/1/2004	ND	10.67	ND	88.13	88.13
	8/17/2004	ND	11.28	ND	87.52	87.52
	9/10/2004	ND	12.29	ND	86.51	86.51
	10/4/2004	ND	12.94	ND	85.86	85.86
	1/3/2005	ND	13.10	ND	85.70	85.70
	4/13/2005	ND	10.32	ND	88.48	88.48
	8/17/2005	ND	12.42	ND	86.38	86.38
	11/17/2005	ND	14.31	ND	84.49	84.49
	3/30/2006	ND	13.64	ND	85.16	85.16
	6/29/2006	ND	13.03	ND	85.77	85.77
	9/28/2006	ND	15.48	ND	83.32	83.32
	12/19/2006	ND	14.25	ND	84.55	84.55
	3/6/2007	ND	13.71	ND	85.09	85.09
	6/22/2007	ND	14.23	ND	84.57	84.57
	9/25/2007	ND	17.71	ND	81.09	81.09
	12/5/2007	ND	19.49	ND	79.31	79.31
	3/25/2008	ND	15.47	ND	83.33	83.33
	6/24/2008	ND	15.27	ND	83.53	83.53
	9/15/2008	ND	16.44	ND	82.36	82.36
	12/12/2008	ND	17.45	ND	81.35	81.35
	2/20/2009	ND	16.31	ND	82.49	82.49
	5/7/2009	ND	14.65	ND	84.15	84.15
	9/23/2009	ND	15.24	ND	83.56	83.56
	12/7/2009	ND	14.23	ND	84.57	84.57
	3/11/2010	ND	10.50	ND	88.30	88.30
	5/17/2010	ND	11.24	ND	87.56	87.56
	9/27/2010	ND	14.94	ND	83.86	83.86
	12/2/2010	ND	15.10	ND	83.70	83.70
	2/14/2011	ND	15.05	ND	83.75	83.75
	5/16/2011	ND	12.83	ND	85.97	85.97
	8/8/2011	ND	15.84	ND	82.96	82.96
MW-05R						
	7/8/2004	ND	11.79	ND	89.96	89.96
	8/17/2004	ND	12.27	ND	89.48	89.48
	9/10/2004	ND	13.13	ND	88.62	88.62
	10/4/2004	ND	13.77	ND	87.98	87.98
	1/3/2005	ND	13.97	ND	87.78	87.78
	4/13/2005	ND	11.17	ND	90.58	90.58

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MW-05R						
	8/17/2005	ND	13.29	ND	88.46	88.46
	11/17/2005	ND	13.43	ND	88.32	88.32
	3/30/2006	ND	13.23	ND	88.52	88.52
	6/29/2006	ND	13.86	ND	87.89	87.89
	9/28/2006	ND	16.35	ND	85.40	85.40
	12/19/2006	ND	15.07	ND	86.68	86.68
	3/6/2007	ND	14.43	ND	87.32	87.32
	6/22/2007	ND	14.96	ND	86.79	86.79
	9/25/2007	ND	17.21	ND	84.54	84.54
	12/5/2007	ND	18.95	ND	82.80	82.80
	3/25/2008	ND	16.32	ND	85.43	85.43
	6/24/2008	ND	14.08	ND	87.67	87.67
	9/15/2008	ND	17.29	ND	84.46	84.46
	12/12/2008	ND	18.31	ND	83.44	83.44
	2/20/2009	ND	17.19	ND	84.56	84.56
	5/7/2009	ND	15.08	ND	86.67	86.67
	9/23/2009	ND	17.34	ND	84.41	84.41
	12/7/2009	ND	14.96	ND	86.79	86.79
	3/11/2010	ND	11.31	ND	90.44	90.44
	5/17/2010	ND	12.02	ND	89.73	89.73
	9/27/2010	ND	15.76	ND	85.99	85.99
	12/2/2010	ND	15.92	ND	85.83	85.83
	2/14/2011	ND	15.80	ND	85.95	85.95
	5/16/2011	ND	13.60	ND	88.15	88.15
	8/8/2011	ND	16.68	ND	85.07	85.07
MW-05S						
	1/6/2004	ND	9.22	ND	89.98	89.98
	4/5/2004	ND	9.72	ND	89.48	89.48
	7/1/2004	ND	11.41	ND	87.79	87.79
	8/17/2004	ND	11.95	ND	87.25	87.25
	9/10/2004	ND	12.92	ND	86.28	86.28
	10/4/2004	ND	13.53	ND	85.67	85.67
	1/3/2005	ND	13.73	ND	85.47	85.47
	4/13/2005	ND	11.07	ND	88.13	88.13
	8/17/2005	ND	13.05	ND	86.15	86.15
	11/17/2005	ND	14.10	ND	85.10	85.10
	3/30/2006	ND	12.62	ND	86.58	86.58
	6/29/2006	ND	13.64	ND	85.56	85.56
	9/28/2006	ND	15.95	ND	83.25	83.25
	12/19/2006	ND	14.80	ND	84.40	84.40
	3/6/2007	ND	14.05	ND	85.15	85.15

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MW-05S						
	6/22/2007	ND	14.50	ND	84.70	84.70
	9/25/2007	ND	16.80	ND	82.40	82.40
	12/5/2007	ND	18.52	ND	80.68	80.68
	3/25/2008	ND	15.95	ND	83.25	83.25
	6/24/2008	ND	13.80	ND	85.40	85.40
	9/15/2008	ND	16.90	ND	82.30	82.30
	12/12/2008	ND	17.95	ND	81.25	81.25
	2/20/2009	ND	16.82	ND	82.38	82.38
	5/7/2009	ND	14.92	ND	84.28	84.28
	9/23/2009	ND	15.71	ND	83.49	83.49
	12/7/2009	ND	14.49	ND	84.71	84.71
	3/11/2010	ND	10.98	ND	88.22	88.22
	5/17/2010	ND	11.83	ND	87.37	87.37
	9/27/2010	ND	15.39	ND	83.81	83.81
	12/2/2010	ND	15.30	ND	83.90	83.90
	2/14/2011	ND	15.53	ND	83.67	83.67
	5/16/2011	ND	13.48	ND	85.72	85.72
	8/8/2011	ND	16.38	ND	82.82	82.82
MW-06D						
	4/5/2004	ND	15.18	ND	83.91	83.91
	7/1/2004	ND	15.86	ND	83.23	83.23
	8/17/2004	ND	16.35	ND	82.74	82.74
	9/10/2004	ND	17.20	ND	81.89	81.89
	10/4/2004	ND	17.77	ND	81.32	81.32
	1/3/2005	ND	17.83	ND	81.26	81.26
	4/13/2005	ND	14.91	ND	84.18	84.18
	8/17/2005	ND	18.37	ND	80.72	80.72
	11/17/2005	ND	18.30	ND	80.79	80.79
	3/30/2006	ND	16.83	ND	82.26	82.26
	6/29/2006	ND	17.96	ND	81.13	81.13
	9/28/2006	ND	20.10	ND	78.99	78.99
	12/19/2006	ND	18.71	ND	80.38	80.38
	2/2/2007	ND	17.88	ND	81.21	81.21
	3/6/2007	ND	17.87	ND	81.22	81.22
	6/22/2007	ND	18.17	ND	80.92	80.92
	9/25/2007	ND	22.84	ND	76.25	76.25
	12/5/2007	ND	22.32	ND	76.77	76.77
	3/25/2008	ND	19.57	ND	79.52	79.52
	6/24/2008	ND	17.35	ND	81.74	81.74
	9/15/2008	ND	20.83	ND	78.26	78.26
	12/12/2008	ND	21.71	ND	77.38	77.38

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Table 1
Well Gauge Report
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Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
MW-06D						
	2/20/2009	ND	20.52	ND	78.57	78.57
	5/7/2009	ND	18.51	ND	80.58	80.58
	9/23/2009	ND	19.59	ND	79.50	79.50
	12/7/2009	ND	18.72	ND	80.37	80.37
	3/11/2010	ND	15.06	ND	84.03	84.03
	5/17/2010	ND	15.56	ND	83.53	83.53
	9/27/2010	ND	19.99	ND	79.10	79.10
	12/2/2010	ND	19.87	ND	79.22	79.22
	12/6/2010	Well Not Gauged - No Comment Available				
	2/14/2011	ND	23.90	ND	75.19	75.19
	5/16/2011	ND	18.79	ND	80.30	80.30
	8/8/2011	ND	24.95	ND	74.14	74.14
MW-06R						
	7/8/2004	ND	12.77	ND	89.44	89.44
	8/17/2004	ND	17.15	ND	85.06	85.06
	9/10/2004	ND	17.87	ND	84.34	84.34
	10/4/2004	ND	18.52	ND	83.69	83.69
	1/3/2005	ND	18.66	ND	83.55	83.55
	4/13/2005	ND	15.85	ND	86.36	86.36
	8/17/2005	ND	17.97	ND	84.24	84.24
	11/17/2005	Well Not Gauged - No Comment Available				
	3/30/2006	ND	17.54	ND	84.67	84.67
	6/29/2006	ND	18.84	ND	83.37	83.37
	9/28/2006	ND	20.80	ND	81.41	81.41
	12/19/2006	ND	19.45	ND	82.76	82.76
	3/6/2007	ND	18.65	ND	83.56	83.56
	6/22/2007	ND	19.17	ND	83.04	83.04
	9/25/2007	ND	22.21	ND	80.00	80.00
	12/5/2007	ND	23.22	ND	78.99	78.99
	3/25/2008	ND	20.68	ND	81.53	81.53
	6/24/2008	ND	18.15	ND	84.06	84.06
	9/15/2008	ND	21.61	ND	80.60	80.60
	12/12/2008	ND	22.64	ND	79.57	79.57
	2/20/2009	ND	21.41	ND	80.80	80.80
	5/7/2009	ND	19.58	ND	82.63	82.63
	9/23/2009	ND	20.34	ND	81.87	81.87
	12/7/2009	ND	19.57	ND	82.64	82.64
	3/11/2010	ND	15.51	ND	86.70	86.70
	5/17/2010	ND	16.06	ND	86.15	86.15
	9/27/2010	ND	20.68	ND	81.53	81.53
	12/2/2010	ND	20.70	ND	81.51	81.51

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Well Gauge Report
137675

Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
MW-06R						
	12/6/2010	Well Not Gauged - No Comment Available				
	2/14/2011	ND	23.25	ND	78.96	78.96
	5/16/2011	ND	19.74	ND	82.47	82.47
	8/8/2011	ND	24.09	ND	78.12	78.12
MW-06S						
	1/6/2004	ND	14.10	ND	84.31	84.31
	4/5/2004	ND	14.93	ND	83.48	83.48
	7/1/2004	ND	16.85	ND	81.56	81.56
	8/17/2004	ND	17.57	ND	80.84	80.84
	9/10/2004	ND	18.29	ND	80.12	80.12
	10/4/2004	ND	18.86	ND	79.55	79.55
	1/3/2005	ND	18.83	ND	79.58	79.58
	4/13/2005	ND	15.51	ND	82.90	82.90
	8/17/2005	ND	17.32	ND	81.09	81.09
	11/17/2005	ND	19.37	ND	79.04	79.04
	3/30/2006	ND	17.55	ND	80.86	80.86
	6/29/2006	ND	18.91	ND	79.50	79.50
	9/28/2006	ND	21.14	ND	77.27	77.27
	12/19/2006	ND	19.48	ND	78.93	78.93
	3/6/2007	ND	18.65	ND	79.76	79.76
	6/22/2007	ND	18.95	ND	79.46	79.46
	9/25/2007	ND	22.50	ND	75.91	75.91
	12/5/2007	ND	22.72	ND	75.69	75.69
	3/25/2008	ND	20.43	ND	77.98	77.98
	6/24/2008	ND	17.95	ND	80.46	80.46
	9/15/2008	ND	21.78	ND	76.63	76.63
	12/12/2008	ND	22.69	ND	75.72	75.72
	5/7/2009	ND	19.25	ND	79.16	79.16
	9/23/2009	ND	20.51	ND	77.90	77.90
	12/7/2009	ND	19.58	ND	78.83	78.83
	3/11/2010	ND	15.33	ND	83.08	83.08
	5/17/2010	ND	16.11	ND	82.30	82.30
	9/27/2010	ND	20.82	ND	77.59	77.59
	12/2/2010	ND	20.68	ND	77.73	77.73
	12/6/2010	Well Not Gauged - No Comment Available				
	2/14/2011	ND	22.70	ND	75.71	75.71
	5/16/2011	ND	19.45	ND	78.96	78.96
	8/8/2011	ND	22.40	ND	76.01	76.01
MW-07D						
	4/5/2004	ND	13.65	ND	87.89	87.89

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Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
MW-07D						
	7/1/2004	ND	15.21	ND	86.33	86.33
	8/17/2004	ND	15.61	ND	85.93	85.93
	9/10/2004	ND	15.64	ND	85.90	85.90
	10/4/2004	ND	17.32	ND	84.22	84.22
	1/3/2005	ND	17.40	ND	84.14	84.14
	4/13/2005	ND	14.39	ND	87.15	87.15
	8/17/2005	ND	16.92	ND	84.62	84.62
	11/17/2005	ND	17.92	ND	83.62	83.62
	3/30/2006	ND	16.78	ND	84.76	84.76
	6/29/2006	ND	17.65	ND	83.89	83.89
	9/28/2006	ND	20.22	ND	81.32	81.32
	12/19/2006	ND	18.59	ND	82.95	82.95
	3/6/2007	ND	17.82	ND	83.72	83.72
	6/22/2007	ND	18.50	ND	83.04	83.04
	9/25/2007	ND	21.63	ND	79.91	79.91
	12/5/2007	ND	22.86	ND	78.68	78.68
	3/25/2008	ND	19.89	ND	81.65	81.65
	6/24/2008	ND	17.48	ND	84.06	84.06
	9/15/2008	ND	21.11	ND	80.43	80.43
	12/12/2008	ND	22.19	ND	79.35	79.35
	2/20/2009	ND	20.74	ND	80.80	80.80
	5/7/2009	ND	18.83	ND	82.71	82.71
	9/23/2009	ND	20.15	ND	81.39	81.39
	12/7/2009	ND	18.67	ND	82.87	82.87
	3/11/2010	ND	14.76	ND	86.78	86.78
	5/17/2010	Well Not Gauged - No Comment Available				
	9/27/2010	ND	19.64	ND	81.90	81.90
	12/2/2010	ND	19.53	ND	82.01	82.01
	2/14/2011	ND	19.61	ND	81.93	81.93
	5/16/2011	ND	13.96	ND	87.58	87.58
	8/8/2011	ND	20.45	ND	81.09	81.09
MW-07S						
	4/5/2004	ND	14.35	ND	87.72	87.72
	7/1/2004	ND	15.80	ND	86.27	86.27
	8/17/2004	ND	16.20	ND	85.87	85.87
	9/10/2004	ND	17.10	ND	84.97	84.97
	10/4/2004	ND	17.85	ND	84.22	84.22
	1/3/2005	ND	18.00	ND	84.07	84.07
	4/13/2005	ND	14.82	ND	87.25	87.25
	8/17/2005	ND	17.36	ND	84.71	84.71
	11/17/2005	ND	18.34	ND	83.73	83.73

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137675

Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
MW-07S						
	3/30/2006	ND	17.35	ND	84.72	84.72
	6/29/2006	ND	18.61	ND	83.46	83.46
	9/28/2006	ND	20.70	ND	81.37	81.37
	12/19/2006	ND	19.03	ND	83.04	83.04
	3/6/2007	ND	18.61	ND	83.46	83.46
	6/22/2007	ND	18.98	ND	83.09	83.09
	9/25/2007	ND	23.05	ND	79.02	79.02
	12/5/2007	ND	23.51	ND	78.56	78.56
	3/25/2008	ND	20.52	ND	81.55	81.55
	6/24/2008	ND	19.00	ND	83.07	83.07
	9/15/2008	ND	21.61	ND	80.46	80.46
	12/12/2008	ND	23.11	ND	78.96	78.96
	2/20/2009	ND	21.52	ND	80.55	80.55
	5/7/2009	ND	19.65	ND	82.42	82.42
	9/23/2009	ND	20.32	ND	81.75	81.75
	12/7/2009	ND	19.57	ND	82.50	82.50
	3/11/2010	ND	15.09	ND	86.98	86.98
	5/17/2010	Well Not Gauged - No Comment Available				
	9/27/2010	ND	20.18	ND	81.89	81.89
	12/2/2010	ND	20.18	ND	81.89	81.89
	2/14/2011	ND	20.50	ND	81.57	81.57
	5/16/2011	ND	14.58	ND	87.49	87.49
	8/8/2011	ND	21.03	ND	81.04	81.04
MW-08D						
	4/5/2004	ND	12.59	ND	80.87	80.87
	7/1/2004	ND	14.75	ND	78.71	78.71
	8/17/2004	ND	15.34	ND	78.12	78.12
	9/10/2004	ND	16.25	ND	77.21	77.21
	10/4/2004	ND	16.80	ND	76.66	76.66
	1/3/2005	ND	16.73	ND	76.73	76.73
	4/13/2005	ND	13.30	ND	80.16	80.16
	8/17/2005	ND	16.27	ND	77.19	77.19
	11/17/2005	ND	17.55	ND	75.91	75.91
	3/30/2006	ND	15.26	ND	78.20	78.20
	6/29/2006	ND	16.54	ND	76.92	76.92
	9/28/2006	ND	19.20	ND	74.26	74.26
	12/19/2006	ND	17.92	ND	75.54	75.54
	3/6/2007	ND	16.41	ND	77.05	77.05
	6/22/2007	ND	16.50	ND	76.96	76.96
	9/25/2007	ND	20.52	ND	72.94	72.94
	12/5/2007	ND	21.23	ND	72.23	72.23

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Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
MW-08D						
	3/25/2008	ND	18.50	ND	74.96	74.96
	6/24/2008	ND	15.83	ND	77.63	77.63
	9/15/2008	ND	19.76	ND	73.70	73.70
	12/12/2008	ND	20.45	ND	73.01	73.01
	2/20/2009	ND	19.38	ND	74.08	74.08
	5/7/2009	ND	17.02	ND	76.44	76.44
	9/23/2009	ND	18.47	ND	74.99	74.99
	12/7/2009	ND	17.77	ND	75.69	75.69
	3/11/2010	ND	14.07	ND	79.39	79.39
	5/17/2010	ND	13.86	ND	79.60	79.60
	9/27/2010	ND	19.00	ND	74.46	74.46
	12/2/2010	ND	18.76	ND	74.70	74.70
	2/14/2011	ND	25.40	ND	68.06	68.06
	5/16/2011	ND	17.93	ND	75.53	75.53
	8/8/2011	ND	21.74	ND	71.72	71.72
MW-08S						
	4/5/2004	ND	13.03	ND	80.30	80.30
	7/1/2004	ND	15.07	ND	78.26	78.26
	8/17/2004	ND	15.82	ND	77.51	77.51
	9/10/2004	ND	16.68	ND	76.65	76.65
	10/4/2004	ND	17.23	ND	76.10	76.10
	1/3/2005	ND	17.27	ND	76.06	76.06
	4/13/2005	ND	13.72	ND	79.61	79.61
	8/17/2005	ND	16.65	ND	76.68	76.68
	11/17/2005	ND	18.19	ND	75.14	75.14
	3/30/2006	ND	15.60	ND	77.73	77.73
	6/29/2006	ND	17.27	ND	76.06	76.06
	9/28/2006	ND	19.75	ND	73.58	73.58
	12/19/2006	ND	18.29	ND	75.04	75.04
	3/6/2007	ND	17.39	ND	75.94	75.94
	6/22/2007	ND	16.88	ND	76.45	76.45
	9/25/2007	ND	21.30	ND	72.03	72.03
	12/5/2007	ND	22.18	ND	71.15	71.15
	3/25/2008	ND	19.22	ND	74.11	74.11
	6/24/2008	ND	16.17	ND	77.16	77.16
	9/15/2008	ND	20.28	ND	73.05	73.05
	12/12/2008	ND	21.23	ND	72.10	72.10
	2/20/2009	ND	20.04	ND	73.29	73.29
	5/7/2009	ND	17.90	ND	75.43	75.43
	9/23/2009	ND	19.03	ND	74.30	74.30
	12/7/2009	ND	18.32	ND	75.01	75.01

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137675

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MW-08S						
	3/11/2010	ND	14.35	ND	78.98	78.98
	5/17/2010	ND	13.00	ND	80.33	80.33
	9/27/2010	ND	19.02	ND	74.31	74.31
	12/2/2010	ND	19.96	ND	73.37	73.37
	2/14/2011	ND	21.30	ND	72.03	72.03
	5/16/2011	ND	18.60	ND	74.73	74.73
	8/8/2011	ND	22.26	ND	71.07	71.07
MW-09D						
	4/5/2004	ND	3.88	ND	88.56	88.56
	7/1/2004	ND	4.17	ND	88.27	88.27
	8/17/2004	ND	4.31	ND	88.13	88.13
	10/5/2004	ND	5.59	ND	86.85	86.85
	1/3/2005	ND	5.58	ND	86.86	86.86
	4/13/2005	ND	4.32	ND	88.12	88.12
	8/17/2005	ND	5.09	ND	87.35	87.35
	11/17/2005	ND	5.77	ND	86.67	86.67
	3/30/2006	ND	5.70	ND	86.74	86.74
	6/29/2006	ND	4.78	ND	87.66	87.66
	9/28/2006	ND	7.10	ND	85.34	85.34
	12/19/2006	ND	6.69	ND	85.75	85.75
	3/6/2007	ND	5.85	ND	86.59	86.59
	6/22/2007	ND	7.35	ND	85.09	85.09
	9/25/2007	ND	8.80	ND	83.64	83.64
	12/5/2007	ND	9.50	ND	82.94	82.94
	3/25/2008	ND	7.37	ND	85.07	85.07
	6/24/2008	ND	6.29	ND	86.15	86.15
	9/15/2008	ND	8.10	ND	84.34	84.34
	12/12/2008	ND	8.15	ND	84.29	84.29
	2/20/2009	ND	8.39	ND	84.05	84.05
	5/7/2009	ND	5.01	ND	87.43	87.43
	9/23/2009	ND	7.28	ND	85.16	85.16
	12/7/2009	ND	5.77	ND	86.67	86.67
	3/11/2010	ND	4.30	ND	88.14	88.14
	5/17/2010	ND	4.85	ND	87.59	87.59
	9/27/2010	ND	6.71	ND	85.73	85.73
	12/2/2010	ND	6.35	ND	86.09	86.09
	2/14/2011	ND	6.58	ND	85.86	85.86
	5/16/2011	ND	5.62	ND	86.82	86.82
	8/8/2011	ND	7.69	ND	84.75	84.75

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137675

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MW-09S						
	4/5/2004	ND	3.47	ND	88.43	88.43
	7/1/2004	ND	4.46	ND	87.44	87.44
	8/17/2004	ND	4.43	ND	87.47	87.47
	10/5/2004	ND	5.57	ND	86.33	86.33
	1/3/2005	ND	5.54	ND	86.36	86.36
	4/13/2005	ND	4.56	ND	87.34	87.34
	8/17/2005	ND	5.18	ND	86.72	86.72
	11/17/2005	ND	5.68	ND	86.22	86.22
	3/30/2006	ND	5.65	ND	86.25	86.25
	6/29/2006	ND	4.78	ND	87.12	87.12
	9/28/2006	ND	6.88	ND	85.02	85.02
	12/19/2006	ND	6.39	ND	85.51	85.51
	3/6/2007	ND	5.71	ND	86.19	86.19
	6/22/2007	ND	6.32	ND	85.58	85.58
	9/25/2007	ND	8.40	ND	83.50	83.50
	12/5/2007	ND	9.23	ND	82.67	82.67
	3/25/2008	ND	7.04	ND	84.86	84.86
	6/24/2008	ND	6.21	ND	85.69	85.69
	9/15/2008	ND	7.92	ND	83.98	83.98
	12/12/2008	ND	7.55	ND	84.35	84.35
	2/20/2009	ND	8.07	ND	83.83	83.83
	5/7/2009	ND	5.25	ND	86.65	86.65
	9/23/2009	ND	7.16	ND	84.74	84.74
	12/7/2009	ND	5.43	ND	86.47	86.47
	3/11/2010	ND	4.47	ND	87.43	87.43
	5/17/2010	ND	4.78	ND	87.12	87.12
	9/27/2010	ND	6.57	ND	85.33	85.33
	12/2/2010	ND	6.06	ND	85.84	85.84
	2/14/2011	ND	6.31	ND	85.59	85.59
	5/16/2011	ND	5.58	ND	86.32	86.32
	8/8/2011	ND	7.55	ND	84.35	84.35
MW-11D						
	7/8/2004	ND	9.65	ND	89.76	89.76
	8/17/2004	ND	10.19	ND	89.22	89.22
	9/10/2004	ND	11.17	ND	88.24	88.24
	10/4/2004	ND	11.73	ND	87.68	87.68
	1/3/2005	ND	11.93	ND	87.48	87.48
	4/13/2005	ND	9.68	ND	89.73	89.73
	8/17/2005	ND	11.27	ND	88.14	88.14
	11/17/2005	ND	12.19	ND	87.22	87.22
	3/30/2006	ND	11.62	ND	87.79	87.79

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Table 1
Well Gauge Report
137675

Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
MW-11D						
	6/29/2006	ND	12.95	ND	86.46	86.46
	9/28/2006	ND	14.12	ND	85.29	85.29
	12/19/2006	ND	13.09	ND	86.32	86.32
	3/6/2007	ND	12.24	ND	87.17	87.17
	6/22/2007	ND	12.75	ND	86.66	86.66
	9/25/2007	ND	15.17	ND	84.24	84.24
	12/5/2007	ND	15.00	ND	84.41	84.41
	3/25/2008	ND	14.12	ND	85.29	85.29
	6/24/2008	ND	12.10	ND	87.31	87.31
	9/15/2008	ND	15.08	ND	84.33	84.33
	12/12/2008	ND	15.87	ND	83.54	83.54
	2/20/2009	ND	15.17	ND	84.24	84.24
	5/7/2009	ND	12.92	ND	86.49	86.49
	9/23/2009	ND	14.33	ND	85.08	85.08
	12/7/2009	ND	12.68	ND	86.73	86.73
	3/11/2010	ND	9.41	ND	90.00	90.00
	5/17/2010	ND	10.17	ND	89.24	89.24
	9/27/2010	ND	12.40	ND	87.01	87.01
	12/2/2010	ND	13.41	ND	86.00	86.00
	2/14/2011	ND	14.59	ND	84.82	84.82
	5/16/2011	ND	12.20	ND	87.21	87.21
	8/8/2011	ND	14.72	ND	84.69	84.69
MW-11R						
	7/1/2004	ND	44.98	ND	54.77	54.77
	8/17/2004	ND	16.43	ND	83.32	83.32
	9/10/2004	ND	13.07	ND	86.68	86.68
	10/4/2004	ND	12.22	ND	87.53	87.53
	1/3/2005	ND	13.52	ND	86.23	86.23
	4/13/2005	ND	10.47	ND	89.28	89.28
	8/17/2005	ND	10.88	ND	88.87	88.87
	11/17/2005	ND	12.24	ND	87.51	87.51
	3/30/2006	ND	11.08	ND	88.67	88.67
	6/29/2006	ND	11.68	ND	88.07	88.07
	9/28/2006	ND	14.03	ND	85.72	85.72
	12/19/2006	ND	14.35	ND	85.40	85.40
	3/6/2007	ND	16.81	ND	82.94	82.94
	6/22/2007	ND	14.05	ND	85.70	85.70
	9/25/2007	ND	17.90	ND	81.85	81.85
	12/5/2007	ND	22.00	ND	77.75	77.75
	3/25/2008	ND	16.95	ND	82.80	82.80
	6/24/2008	ND	15.58	ND	84.17	84.17

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Table 1
Well Gauge Report
137675

Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
MW-11R						
	9/15/2008	ND	18.68	ND	81.07	81.07
	12/12/2008	ND	20.35	ND	79.40	79.40
	2/20/2009	ND	22.32	ND	77.43	77.43
	5/7/2009	ND	19.51	ND	80.24	80.24
	9/23/2009	ND	15.85	ND	83.90	83.90
	12/7/2009	ND	18.85	ND	80.90	80.90
	3/11/2010	ND	15.24	ND	84.51	84.51
	5/17/2010	ND	17.39	ND	82.36	82.36
	9/27/2010	ND	15.52	ND	84.23	84.23
	12/2/2010	ND	21.73	ND	78.02	78.02
	2/14/2011	ND	21.21	ND	78.54	78.54
	5/16/2011	ND	15.34	ND	84.41	84.41
	8/8/2011	ND	17.99	ND	81.76	81.76
MW-11S						
	7/8/2004	ND	10.08	ND	89.64	89.64
	8/17/2004	ND	10.44	ND	89.28	89.28
	9/10/2004	ND	11.55	ND	88.17	88.17
	10/4/2004	ND	12.06	ND	87.66	87.66
	1/3/2005	ND	12.19	ND	87.53	87.53
	4/13/2005	ND	9.67	ND	90.05	90.05
	8/17/2005	ND	11.63	ND	88.09	88.09
	11/17/2005	ND	12.50	ND	87.22	87.22
	3/30/2006	ND	11.82	ND	87.90	87.90
	6/29/2006	ND	11.75	ND	87.97	87.97
	9/28/2006	ND	14.25	ND	85.47	85.47
	12/19/2006	ND	12.62	ND	87.10	87.10
	3/6/2007	ND	12.34	ND	87.38	87.38
	6/22/2007	ND	12.90	ND	86.82	86.82
	9/25/2007	ND	16.38	ND	83.34	83.34
	12/5/2007	ND	15.50	ND	84.22	84.22
	3/25/2008	ND	14.15	ND	85.57	85.57
	6/24/2008	ND	12.38	ND	87.34	87.34
	9/15/2008	ND	15.45	ND	84.27	84.27
	12/12/2008	ND	16.09	ND	83.63	83.63
	2/20/2009	ND	15.21	ND	84.51	84.51
	5/7/2009	ND	13.03	ND	86.69	86.69
	9/23/2009	ND	14.20	ND	85.52	85.52
	12/7/2009	ND	12.37	ND	87.35	87.35
	3/11/2010	ND	9.41	ND	90.31	90.31
	5/17/2010	ND	10.56	ND	89.16	89.16
	9/27/2010	ND	13.83	ND	85.89	85.89

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Well Gauge Report
137675

Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
MW-11S						
	12/2/2010	ND	13.78	ND	85.94	85.94
	2/14/2011	ND	13.41	ND	86.31	86.31
	5/16/2011	ND	12.14	ND	87.58	87.58
	8/8/2011	ND	14.82	ND	84.90	84.90
MW-12						
	6/22/2007	Well Not Gauged - No Comment Available				
	9/25/2007	ND	21.66	ND	78.28	78.28
	12/5/2007	ND	22.57	ND	77.37	77.37
	3/25/2008	ND	20.05	ND	79.89	79.89
	6/24/2008	ND	17.50	ND	82.44	82.44
	9/15/2008	ND	20.92	ND	79.02	79.02
	12/12/2008	ND	21.87	ND	78.07	78.07
	2/20/2009	ND	20.70	ND	79.24	79.24
	5/7/2009	ND	18.81	ND	81.13	81.13
	8/25/2009	Well Not Gauged - No Comment Available				
	8/27/2009	Well Not Gauged - No Comment Available				
	8/28/2009	Well Not Gauged - No Comment Available				
	9/23/2009	ND	19.62	ND	80.32	80.32
	12/7/2009	ND	18.84	ND	81.10	81.10
	3/11/2010	ND	15.23	ND	84.71	84.71
	5/17/2010	ND	15.69	ND	84.25	84.25
	5/20/2010	Well Not Gauged - No Comment Available				
	9/27/2010	ND	19.99	ND	79.95	79.95
	12/2/2010	ND	20.02	ND	79.92	79.92
	12/6/2010	Well Not Gauged - No Comment Available				
	2/14/2011	ND	22.88	ND	77.06	77.06
	5/16/2011	ND	18.58	ND	81.36	81.36
	8/8/2011	ND	23.82	ND	76.12	76.12
MW-13D						
	11/25/2008	ND	10.88	ND	80.17	80.17
	12/12/2008	ND	10.67	ND	80.38	80.38
	2/20/2009	ND	9.93	ND	81.12	81.12
	5/7/2009	ND	8.00	ND	83.05	83.05
	9/23/2009	ND	9.74	ND	81.31	81.31
	12/7/2009	ND	7.88	ND	83.17	83.17
	3/11/2010	ND	5.46	ND	85.59	85.59
	5/17/2010	ND	6.10	ND	84.95	84.95
	9/27/2010	ND	9.78	ND	81.27	81.27
	12/2/2010	ND	8.99	ND	82.06	82.06
	12/3/2010	Well Not Gauged - No Comment Available				

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Well Gauge Report
137675

Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
MW-13D						
	2/14/2011	ND	9.70	ND	81.35	81.35
	5/16/2011	ND	8.50	ND	82.55	82.55
	8/8/2011	ND	10.82	ND	80.23	80.23
MW-13S						
	11/25/2008	ND	13.30	ND	78.69	78.69
	12/12/2008	ND	13.20	ND	78.79	78.79
	2/20/2009	ND	13.20	ND	78.79	78.79
	5/7/2009	ND	9.24	ND	82.75	82.75
	9/23/2009	ND	12.15	ND	79.84	79.84
	12/7/2009	ND	9.98	ND	82.01	82.01
	3/11/2010	ND	7.22	ND	84.77	84.77
	5/17/2010	ND	8.64	ND	83.35	83.35
	9/27/2010	ND	12.10	ND	79.89	79.89
	12/2/2010	ND	11.32	ND	80.67	80.67
	12/3/2010	Well Not Gauged - No Comment Available				
	2/14/2011	ND	11.55	ND	80.44	80.44
	2/18/2011	ND	11.55	ND	80.44	80.44
	5/16/2011	ND	10.80	ND	81.19	81.19
	8/8/2011	ND	13.63	ND	78.36	78.36
MW-14D						
	11/25/2008	ND	17.15	ND	77.42	77.42
	12/12/2008	ND	17.08	ND	77.49	77.49
	2/20/2009	ND	16.04	ND	78.53	78.53
	5/7/2009	ND	13.78	ND	80.79	80.79
	9/23/2009	ND	15.82	ND	78.75	78.75
	12/7/2009	ND	13.47	ND	81.10	81.10
	3/11/2010	ND	11.24	ND	83.33	83.33
	5/17/2010	ND	11.92	ND	82.65	82.65
	9/27/2010	ND	14.42	ND	80.15	80.15
	12/2/2010	ND	15.15	ND	79.42	79.42
	12/3/2010	Well Not Gauged - No Comment Available				
	2/18/2011	ND	16.79	ND	77.78	77.78
	5/16/2011	ND	16.00	ND	78.57	78.57
	8/8/2011	ND	18.06	ND	76.51	76.51
MW-14S						
	11/25/2008	ND	18.97	ND	75.49	75.49
	12/12/2008	ND	18.83	ND	75.63	75.63
	2/20/2009	ND	17.67	ND	76.79	76.79
	5/7/2009	ND	15.02	ND	79.44	79.44
	9/23/2009	ND	17.43	ND	77.03	77.03

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137675

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MW-14S						
	12/7/2009	ND	15.59	ND	78.87	78.87
	3/11/2010	ND	12.10	ND	82.36	82.36
	5/17/2010	ND	13.01	ND	81.45	81.45
	9/27/2010	ND	17.33	ND	77.13	77.13
	12/2/2010	ND	16.98	ND	77.48	77.48
	12/3/2010	Well Not Gauged - No Comment Available				
	2/18/2011	ND	18.26	ND	76.20	76.20
	5/16/2011	ND	16.40	ND	78.06	78.06
	8/8/2011	ND	19.74	ND	74.72	74.72
MW-15D						
	11/25/2008	ND	17.59	ND	75.16	75.16
	12/12/2008	ND	17.55	ND	75.20	75.20
	2/20/2009	ND	16.57	ND	76.18	76.18
	5/7/2009	ND	14.43	ND	78.32	78.32
	9/23/2009	ND	16.31	ND	76.44	76.44
	12/7/2009	ND	15.30	ND	77.45	77.45
	3/11/2010	ND	12.37	ND	80.38	80.38
	5/17/2010	ND	11.98	ND	80.77	80.77
	9/27/2010	ND	15.80	ND	76.95	76.95
	12/2/2010	ND	15.82	ND	76.93	76.93
	12/3/2010	Well Not Gauged - No Comment Available				
	2/17/2011	ND	17.41	ND	75.34	75.34
	5/16/2011	ND	15.30	ND	77.45	77.45
	8/8/2011	ND	18.83	ND	73.92	73.92
MW-15S						
	11/25/2008	ND	19.13	ND	73.48	73.48
	12/12/2008	ND	18.93	ND	73.68	73.68
	2/20/2009	ND	17.87	ND	74.74	74.74
	5/7/2009	ND	15.22	ND	77.39	77.39
	9/23/2009	ND	17.46	ND	75.15	75.15
	12/7/2009	ND	15.85	ND	76.76	76.76
	3/11/2010	ND	11.67	ND	80.94	80.94
	5/17/2010	ND	12.96	ND	79.65	79.65
	9/27/2010	ND	17.70	ND	74.91	74.91
	12/2/2010	ND	17.32	ND	75.29	75.29
	12/3/2010	Well Not Gauged - No Comment Available				
	2/17/2011	ND	18.96	ND	73.65	73.65
	5/16/2011	ND	16.83	ND	75.78	75.78
	8/8/2011	ND	20.50	ND	72.11	72.11

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137675

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MW-16D						
	5/7/2009	ND	10.14	ND	80.14	80.14
	9/23/2009	ND	10.40	ND	79.88	79.88
	12/7/2009	ND	8.04	ND	82.24	82.24
	3/11/2010	ND	6.59	ND	83.69	83.69
	5/17/2010	ND	7.54	ND	82.74	82.74
	9/27/2010	ND	11.95	ND	78.33	78.33
	12/2/2010	ND	10.23	ND	80.05	80.05
	12/3/2010	Well Not Gauged - No Comment Available				
	2/14/2011	ND	11.24	ND	79.04	79.04
	2/18/2011	ND	11.24	ND	79.04	79.04
	5/16/2011	ND	11.40	ND	78.88	78.88
	8/8/2011	ND	12.72	ND	77.56	77.56
MW-16S						
	5/7/2009	ND	9.48	ND	80.64	80.64
	9/23/2009	ND	12.04	ND	78.08	78.08
	12/7/2009	ND	9.84	ND	80.28	80.28
	3/11/2010	ND	7.35	ND	82.77	82.77
	5/17/2010	ND	8.75	ND	81.37	81.37
	9/27/2010	ND	11.92	ND	78.20	78.20
	12/2/2010	ND	11.17	ND	78.95	78.95
	12/3/2010	Well Not Gauged - No Comment Available				
	2/14/2011	ND	11.44	ND	78.68	78.68
	2/18/2011	ND	11.44	ND	78.68	78.68
	5/16/2011	ND	10.88	ND	79.24	79.24
	8/8/2011	ND	13.66	ND	76.46	76.46
MW-17D						
	5/7/2009	ND	10.83	ND	77.96	77.96
	9/23/2009	ND	12.59	ND	76.20	76.20
	12/7/2009	ND	10.88	ND	77.91	77.91
	3/11/2010	ND	7.99	ND	80.80	80.80
	5/17/2010	ND	9.59	ND	79.20	79.20
	9/27/2010	ND	11.90	ND	76.89	76.89
	12/2/2010	ND	12.11	ND	76.68	76.68
	12/3/2010	Well Not Gauged - No Comment Available				
	2/17/2011	ND	13.51	ND	75.28	75.28
	5/16/2011	ND	11.90	ND	76.89	76.89
	8/8/2011	ND	15.18	ND	73.61	73.61
MW-17S						
	5/7/2009	ND	11.06	ND	77.70	77.70
	9/23/2009	ND	10.58	ND	78.18	78.18

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137675

Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
MW-17S						
	12/7/2009	ND	11.61	ND	77.15	77.15
	3/11/2010	ND	8.85	ND	79.91	79.91
	5/17/2010	ND	9.57	ND	79.19	79.19
	9/27/2010	ND	13.88	ND	74.88	74.88
	12/2/2010	ND	13.17	ND	75.59	75.59
	12/3/2010	Well Not Gauged - No Comment Available				
	2/17/2011	ND	14.52	ND	74.24	74.24
	5/16/2011	ND	10.80	ND	77.96	77.96
	8/8/2011	ND	16.39	ND	72.37	72.37
MW-17W						
	5/7/2009	ND	10.45	ND	78.67	78.67
	9/23/2009	ND	11.66	ND	77.46	77.46
	12/7/2009	ND	9.37	ND	79.75	79.75
	3/11/2010	ND	7.24	ND	81.88	81.88
	5/17/2010	ND	7.65	ND	81.47	81.47
	9/27/2010	ND	10.46	ND	78.66	78.66
	12/2/2010	ND	11.50	ND	77.62	77.62
	12/3/2010	Well Not Gauged - No Comment Available				
	2/17/2011	ND	12.72	ND	76.40	76.40
	5/16/2011	ND	10.20	ND	78.92	78.92
	8/8/2011	ND	13.68	ND	75.44	75.44
MW-18						
	5/7/2009	ND	19.65	ND	81.49	81.49
	8/24/2009	Well Not Gauged - No Comment Available				
	9/23/2009	ND	20.11	ND	81.03	81.03
	12/7/2009	ND	20.78	ND	80.36	80.36
	3/11/2010	ND	18.25	ND	82.89	82.89
	5/17/2010	ND	16.73	ND	84.41	84.41
	9/27/2010	ND	21.30	ND	79.84	79.84
	12/2/2010	ND	20.29	ND	80.85	80.85
	12/6/2010	Well Not Gauged - No Comment Available				
	2/14/2011	ND	21.28	ND	79.86	79.86
	5/16/2011	ND	18.71	ND	82.43	82.43
	8/8/2011	ND	23.07	ND	78.07	78.07
MW-24D						
	12/2/2010	ND	6.05	ND	78.49	78.49
	12/6/2010	Well Not Gauged - No Comment Available				
	2/17/2011	ND	6.40	ND	78.14	78.14
	5/16/2011	ND	6.00	ND	78.54	78.54
	8/8/2011	ND	7.87	ND	76.67	76.67

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Well Gauge Report
137675

Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
MW-24D						
MW-24S						
	12/2/2010	ND	7.63	ND	77.05	77.05
	12/6/2010	Well Not Gauged - No Comment Available				
	2/14/2011	ND	8.33	ND	76.35	76.35
	5/16/2011	ND	8.05	ND	76.63	76.63
	8/8/2011	ND	10.56	ND	74.12	74.12
MW-25D						
	12/2/2010	ND	5.52	ND	76.51	76.51
	12/6/2010	Well Not Gauged - No Comment Available				
	2/17/2011	ND	7.85	ND	74.18	74.18
	5/16/2011	ND	6.84	ND	75.19	75.19
	8/8/2011	ND	9.90	ND	72.13	72.13
MW-25S						
	12/2/2010	ND	6.94	ND	74.92	74.92
	12/6/2010	Well Not Gauged - No Comment Available				
	2/14/2011	ND	8.40	ND	73.46	73.46
	5/16/2011	ND	7.50	ND	74.36	74.36
	8/8/2011	ND	10.69	ND	71.17	71.17
MW-26D						
	12/2/2010	ND	13.26	ND	71.69	71.69
	12/6/2010	Well Not Gauged - No Comment Available				
	1/11/2011	ND	15.91	ND	69.04	69.04
	2/15/2011	ND	15.75	ND	69.20	69.20
	3/7/2011	ND	14.04	ND	70.91	70.91
	4/18/2011	ND	13.53	ND	71.42	71.42
	5/16/2011	ND	12.70	ND	72.25	72.25
	8/8/2011	ND	16.55	ND	68.40	68.40
MW-26S						
	12/2/2010	ND	14.10	ND	71.20	71.20
	12/6/2010	Well Not Gauged - No Comment Available				
	1/11/2011	ND	15.44	ND	69.86	69.86
	2/15/2011	ND	15.34	ND	69.96	69.96
	3/7/2011	ND	14.98	ND	70.32	70.32
	4/18/2011	ND	14.13	ND	71.17	71.17
	5/16/2011	ND	13.15	ND	72.15	72.15
	8/8/2011	ND	17.02	ND	68.28	68.28
RW-01						
	1/6/2004	ND	3.71	ND	97.18	94.59

Notes:
NC*-Not Calculated - Top of casing elevation unknown, unable to calculate groundwater elevation
ND - Not Detected
NM-Not Measurable
NA-Not Available

Table 1
Well Gauge Report
137675

Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
RW-01						
	4/5/2004	ND	4.00	ND	96.89	94.30
	7/1/2004	Well Not Gauged - No Comment Available				
	8/17/2004	ND	22.20	ND	78.69	78.69
	9/10/2004	ND	21.40	ND	79.49	79.49
	10/5/2004	ND	21.50	ND	79.39	79.39
	1/3/2005	ND	21.45	ND	79.44	79.44
	4/13/2005	ND	21.40	ND	79.49	79.49
	8/17/2005	Well Not Gauged - No Comment Available				
	11/17/2005	Well Not Gauged - No Comment Available				
	3/30/2006	Well Not Gauged - No Comment Available				
	6/29/2006	Well Not Gauged - No Comment Available				
	9/28/2006	ND	11.49	ND	89.40	89.40
	12/19/2006	Well Not Gauged - No Comment Available				
	3/6/2007	ND	22.30	ND	78.59	78.59
	6/22/2007	ND	22.10	ND	78.79	78.79
	9/25/2007	ND	18.02	ND	82.87	82.87
	12/5/2007	ND	18.40	ND	82.49	82.49
	3/25/2008	ND	21.80	ND	79.09	79.09
	6/24/2008	ND	11.58	ND	89.31	89.31
	9/15/2008	ND	17.20	ND	83.69	83.69
	12/12/2008	ND	17.30	ND	83.59	83.59
	2/20/2009	ND	18.68	ND	82.21	82.21
	5/7/2009	ND	16.99	ND	83.90	83.90
	9/23/2009	ND	16.87	ND	84.02	84.02
	12/7/2009	ND	21.32	ND	79.57	79.57
	3/11/2010	ND	16.17	ND	84.72	84.72
	5/17/2010	ND	16.40	ND	84.49	84.49
	9/27/2010	ND	16.78	ND	84.11	84.11
	12/2/2010	ND	20.48	ND	80.41	80.41
	2/15/2011	ND	14.83	ND	86.06	86.06
	5/16/2011	ND	13.12	ND	87.77	87.77
RW-03						
	1/6/2004	ND	3.83	ND	96.53	94.07
	4/5/2004	ND	3.96	ND	96.40	93.94
	7/8/2004	Well Not Gauged - No Comment Available				
	8/17/2004	ND	19.70	ND	80.66	80.66
	9/10/2004	ND	19.80	ND	80.56	80.56
	10/5/2004	ND	19.75	ND	80.61	80.61
	1/3/2005	ND	19.78	ND	80.58	80.58
	4/13/2005	ND	19.75	ND	80.61	80.61
	8/17/2005	Well Not Gauged - No Comment Available				

Notes:
NC*-Not Calculated - Top of casing elevation unknown, unable to calculate groundwater elevation
ND - Not Detected
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Table 1
Well Gauge Report
137675

Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
RW-03						
	11/17/2005	Well Not Gauged - No Comment Available				
	3/30/2006	Well Not Gauged - No Comment Available				
	6/29/2006	Well Not Gauged - No Comment Available				
	9/29/2006	ND	11.52	ND	88.84	88.84
	12/19/2006	Well Not Gauged - No Comment Available				
	3/6/2007	ND	17.40	ND	82.96	82.96
	6/22/2007	ND	17.30	ND	83.06	83.06
	9/25/2007	ND	15.18	ND	85.18	85.18
	12/5/2007	ND	15.61	ND	84.75	84.75
	3/25/2008	ND	18.50	ND	81.86	81.86
	6/24/2008	ND	20.20	ND	80.16	80.16
	9/15/2008	ND	16.90	ND	83.46	83.46
	12/12/2008	ND	16.86	ND	83.50	83.50
	2/20/2009	ND	20.36	ND	80.00	80.00
	5/7/2009	ND	18.68	ND	81.68	81.68
	9/23/2009	ND	20.70	ND	79.66	79.66
	12/7/2009	ND	20.10	ND	80.26	80.26
	3/11/2010	ND	10.90	ND	89.46	89.46
	5/17/2010	Well Not Gauged - No Comment Available				
	9/27/2010	ND	17.45	ND	82.91	82.91
	12/2/2010	ND	17.60	ND	82.76	82.76
	5/16/2011	ND	13.20	ND	87.16	87.16
RW-10						
	4/5/2004	ND	4.15	ND	95.73	93.66
	7/1/2004	ND	5.43	ND	94.45	94.45
	8/17/2004	ND	14.25	ND	85.63	85.63
	9/10/2004	ND	13.60	ND	86.28	86.28
	10/5/2004	ND	14.10	ND	85.78	85.78
	1/3/2005	ND	14.20	ND	85.68	85.68
	4/13/2005	ND	14.15	ND	85.73	85.73
	8/17/2005	Well Not Gauged - No Comment Available				
	11/17/2005	Well Not Gauged - No Comment Available				
	3/30/2006	Well Not Gauged - No Comment Available				
	6/29/2006	Well Not Gauged - No Comment Available				
	9/29/2006	ND	10.74	ND	89.14	89.14
	3/6/2007	ND	13.30	ND	86.58	86.58
	6/22/2007	ND	13.21	ND	86.67	86.67
	9/25/2007	ND	12.16	ND	87.72	87.72
	12/5/2007	ND	11.21	ND	88.67	88.67
	3/25/2008	ND	13.30	ND	86.58	86.58
	6/24/2008	ND	11.43	ND	88.45	88.45

Notes:
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Table 1
Well Gauge Report
137675

Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
RW-10						
	9/15/2008	ND	15.70	ND	84.18	84.18
	12/12/2008	ND	15.82	ND	84.06	84.06
	2/20/2009	ND	13.87	ND	86.01	86.01
	5/7/2009	ND	15.58	ND	84.30	84.30
	9/23/2009	ND	15.26	ND	84.62	84.62
	12/7/2009	ND	12.08	ND	87.80	87.80
	3/11/2010	ND	8.07	ND	91.81	91.81
	5/17/2010	ND	8.58	ND	91.30	91.30
	9/27/2010	ND	14.80	ND	85.08	85.08
	12/2/2010	ND	13.05	ND	86.83	86.83
	2/15/2011	ND	14.67	ND	85.21	85.21
	5/16/2011	ND	13.11	ND	86.77	86.77
RW-19						
	9/27/2010	ND	21.19	ND	70.05	70.05
	12/2/2010	ND	20.16	ND	71.08	71.08
	12/6/2010	Well Not Gauged - No Comment Available				
	2/14/2011	ND	34.06	ND	57.18	57.18
	5/16/2011	ND	31.15	ND	60.09	60.09
	8/8/2011	ND	36.09	ND	55.15	55.15
RW-20						
	12/2/2010	ND	15.13	ND	73.17	73.17
	12/6/2010	Well Not Gauged - No Comment Available				
	2/17/2011	ND	17.14	ND	71.16	71.16
	5/16/2011	ND	24.83	ND	63.47	63.47
	8/8/2011	ND	22.57	ND	65.73	65.73
RW-21						
	12/2/2010	ND	11.21	ND	73.79	73.79
	12/6/2010	Well Not Gauged - No Comment Available				
	2/17/2011	ND	19.91	ND	65.09	65.09
	5/16/2011	ND	17.80	ND	67.20	67.20
	8/8/2011	ND	21.73	ND	63.27	63.27
RW-22						
	9/27/2010	ND	20.44	ND	78.51	78.51
	12/2/2010	ND	20.08	ND	78.87	78.87
	12/6/2010	Well Not Gauged - No Comment Available				
	2/14/2011	ND	23.55	ND	75.40	75.40
	5/16/2011	ND	18.92	ND	80.03	80.03
	8/8/2011	ND	51.22	ND	47.73	47.73

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Table 1
Well Gauge Report
137675

Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
RW-23						
	12/2/2010	ND	12.63	ND	78.81	78.81
	12/6/2010	Well Not Gauged - No Comment Available				
	2/15/2011	ND	14.64	ND	76.80	76.80
	2/17/2011	ND	13.49	ND	77.95	77.95
	5/16/2011	ND	24.45	ND	66.99	66.99
	8/8/2011	ND	15.29	ND	76.15	76.15
TF-01						
	1/6/2004	Well Not Gauged - No Comment Available				
	4/5/2004	ND	4.46	ND	NC*	NC*
	10/5/2004	ND	11.05	ND	NC*	NC*
	1/3/2005	ND	11.13	ND	NC*	NC*
	4/13/2005	ND	8.33	ND	NC*	NC*
	8/17/2005	Well Not Gauged - No Comment Available				
	11/17/2005	ND	9.33	ND	NC*	NC*
	3/30/2006	ND	10.92	ND	NC*	NC*
	6/29/2006	ND	9.66	ND	NC*	NC*
	12/19/2006	Well Not Gauged - Dry Well				
	1/18/2007	ND	11.24	ND	NC*	NC*
	3/6/2007	Well Not Gauged - Dry Well				
	6/22/2007	Well Not Gauged - Dry Well				
	9/25/2007	Well Not Gauged - Dry Well				
	12/5/2007	Well Not Gauged - Dry Well				
	3/25/2008	Well Not Gauged - Dry Well				
	9/15/2008	ND	11.86	ND	NC*	NC*
	12/12/2008	ND	12.00	ND	NC*	NC*
	2/20/2009	ND	11.98	ND	NC*	NC*
	5/7/2009	ND	11.96	ND	NC*	NC*
	9/23/2009	Well Not Gauged - Dry Well				
	12/7/2009	Well Not Gauged - No Comment Available				
	3/11/2010	ND	8.02	ND	NC*	NC*
	5/17/2010	ND	8.70	ND	NC*	NC*
	12/2/2010	ND	11.97	ND	NC*	NC*
	2/15/2011	ND	11.85	ND	NC*	NC*
	5/16/2011	ND	10.44	ND	NC*	NC*
TF-02						
	4/5/2004	ND	4.82	ND	NC*	NC*
	10/5/2004	ND	11.46	ND	NC*	NC*
	1/3/2005	ND	11.52	ND	NC*	NC*
	4/13/2005	ND	8.73	ND	NC*	NC*
	8/17/2005	Well Not Gauged - No Comment Available				

Notes:
NC*-Not Calculated - Top of casing elevation unknown, unable to calculate groundwater elevation
ND - Not Detected
NM-Not Measurable
NA-Not Available

Table 1
Well Gauge Report
137675

Well Name	*Date*	*Depth to Product (ft)*	*Depth to Water (ft)*	*Product Thickness (ft)*	*Groundwater Elevation (ft)*	*Corrected GW Elevation (ft)*
TF-02						
	11/17/2005	ND	10.07	ND	NC*	NC*
	3/30/2006	ND	11.29	ND	NC*	NC*
	6/29/2006	ND	10.09	ND	NC*	NC*
	12/19/2006	Well Not Gauged - Dry Well				
	1/18/2007	ND	11.57	ND	NC*	NC*
	3/6/2007	Well Not Gauged - Dry Well				
	6/22/2007	Well Not Gauged - Dry Well				
	9/25/2007	Well Not Gauged - Dry Well				
	12/5/2007	Well Not Gauged - Dry Well				
	3/25/2008	Well Not Gauged - Dry Well				
	9/15/2008	ND	12.41	ND	NC*	NC*
	12/12/2008	ND	12.52	ND	NC*	NC*
	2/20/2009	ND	12.37	ND	NC*	NC*
	5/7/2009	ND	12.32	ND	NC*	NC*
	9/23/2009	Well Not Gauged - Dry Well				
	12/7/2009	ND	11.59	ND	NC*	NC*
	3/11/2010	ND	8.37	ND	NC*	NC*
	5/17/2010	ND	9.07	ND	NC*	NC*
	9/27/2010	ND	12.42	ND	NC*	NC*
	12/2/2010	ND	12.51	ND	NC*	NC*
	2/14/2011	ND	12.26	ND	NC*	NC*
	5/16/2011	ND	10.80	ND	NC*	NC*

Notes:
NC*-Not Calculated - Top of casing elevation unknown, unable to calculate groundwater elevation
ND - Not Detected
NM-Not Measurable
NA-Not Available

Table 2
Summary of Groundwater Analytical Results
137675

	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
710 BNR									
	10/18/2003	ND	ND	ND	ND	ND	3.2	NS	NS
	11/20/2003	ND	ND	ND	ND	ND	1.8	ND	ND
	2/13/2004	ND	ND	ND	ND	ND	3.6	ND	ND
	10/22/2004	ND	ND	ND	ND	ND	5.5	ND	ND
	12/8/2004	ND	ND	ND	ND	ND	4.5	ND	ND
	3/31/2005	ND	ND	ND	NS	ND	6.5	ND	ND
	6/23/2005	ND	ND	ND	ND	ND	4.2	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	4.9	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	6.3	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	3.56	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	6.04	ND	ND
	9/26/2006	ND(1)	ND(1)	ND(1)	ND(2)	ND(5)	5.54	ND(100)	ND(93.9)
	12/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	6.18	ND(100)	ND(93.9)
	3/26/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	5.0	ND(100)	160
	6/8/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	5.9	ND(100)	ND(98)
	9/13/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	5.71	ND(100)	ND(95.2)
	12/3/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	7.26	ND(100)	2710
	3/27/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	4.0	ND(100)	ND(50)
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	4.0	ND(100)	230
	9/22/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND	ND(0.5665)	5.415	120	4000
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(25)	21.0 I
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	5.54	ND(25)	1400
	6/4/2009	ND(0.2105)	2.01	ND(0.1959)	ND(0.231)	2.01	3.35 I	ND(25)	ND(25)
	9/10/2009	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.8)	3.26	ND(13)	ND(36)
	12/2/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	5.13	27.0 I	ND(36)
	3/15/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	1.7	ND(25)	79
	6/11/2010	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	3.3	ND(200)	ND(100)
	8/27/2010	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	2.6	ND(200)	ND(110)
	11/16/2010	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	2.4	ND(200)	ND(100)
	2/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.0	ND(200)	ND(100)
	5/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.8	ND(200)	211
	8/9/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.6	ND(200)	ND(100)
711 BNR									
	10/3/2003	ND	ND	ND	ND	ND	ND	NS	NS
	11/21/2003	ND	ND	ND	ND	ND	0.46	ND	ND
	2/13/2004	ND	ND	ND	ND	ND	ND	ND	ND
	9/26/2006	ND(1)	ND(1)	ND(1)	ND(2)	ND(5)	1.04	ND(100)	ND(93.9)
	12/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	1.47	ND(100)	ND(94.3)
	3/26/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	ND(2)	ND(100)	ND(100)
	6/8/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	1.04	ND(100)	ND(118)
	9/13/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	1.71	ND(100)	ND(95.2)

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes
MTBE - Methyl tert-Butyl Ether
TPH-GRO - Total Petroleum Hydrocarbons Gasoline Range Organics
TPH-DRO - Total Petroleum Hydrocarbons Diesel Range Organics

(µg/L) - micrograms per Liter

ND - Not Detected (Reporting Limit Not Available)
ND (100) - Not Detected (Reporting Limit)
NS - Not Sampled
I - Results between Reporting Limit and Method Detection Limit
J - Estimated Value

Table 2
Summary of Groundwater Analytical Results
137675

	Sample Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*Total BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
711 BNR									
	12/3/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	3.05	ND(100)	ND(94.3)
	3/27/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	1.0	ND(100)	ND(50)
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(100)	ND(50)
	9/22/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND	ND(0.5665)	ND(0.2562)	ND(20)	53.0 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	0.81	0.81	ND(0.2562)	ND(25)	14.0 I
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	1.19 I	ND(25)	26.0 I
	6/4/2009	ND(0.2105)	1.21	ND(0.1959)	ND(0.231)	1.21	ND(0.2562)	ND(25)	ND(25)
	9/10/2009	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.8)	0.47 I	ND(13)	ND(36)
	12/2/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	0.8 I	ND(25)	ND(36)
	3/15/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	ND(0.261)	ND(25)	40.0
	6/11/2010	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
	8/27/2010	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
	11/16/2010	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	0.5 J	ND(200)	ND(110)
	2/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.44 J	ND(200)	ND(120)
	5/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.37 J	ND(200)	243
	8/9/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(200)	ND(110)
720 BNR									
	10/18/2003	ND	ND	ND	ND	ND	21.0	NS	NS
	11/20/2003	ND	ND	ND	ND	ND	27.7	ND	ND
	12/23/2003	ND	ND	ND	ND	ND	23.0	ND	ND
	1/16/2004	ND	ND	ND	ND	ND	22.0	ND	ND
	2/13/2004	ND	ND	ND	ND	ND	26.7	ND	ND
	3/2/2004	ND	ND	ND	ND	ND	28.9	ND	ND
	3/25/2004	ND	ND	ND	ND	ND	25.2	ND	ND
	4/16/2004	ND	ND	ND	ND	ND	26.6	ND	ND
	5/26/2004	ND	ND	ND	ND	ND	27.1	ND	ND
	6/22/2004	ND	ND	ND	ND	ND	24.8	ND	ND
	8/26/2004	ND	ND	ND	ND	ND	25.0	ND	ND
	10/22/2004	ND	ND	ND	ND	ND	15.6	ND	ND
	12/8/2004	ND	ND	ND	ND	ND	12.7	ND	ND
	3/31/2005	ND	ND	ND	ND	ND	14.5	ND	ND
	6/23/2005	ND	ND	ND	ND	ND	11.5	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	12.2	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	13.1	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	7.88	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	5.68	ND	ND
	9/26/2006	ND(1)	ND(1)	ND(1)	ND(2)	ND(5)	3.17	ND(100)	ND(96.2)
	12/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	2.59	ND(100)	ND(97.1)
	3/26/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	ND(2)	ND(100)	ND(100)
	6/8/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(111)
	9/13/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(100)

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Table 2
Summary of Groundwater Analytical Results
137675

	Sample Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*Total BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
720 BNR									
	12/3/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	1.2	ND(100)	ND(100)
	3/27/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(100)	ND(50)
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(100)	ND(50)
	9/22/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND	ND(0.5665)	ND(0.2562)	ND(20)	49.0 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	0.53	0.53	ND(0.2562)	ND(25)	ND(14)
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(25)	ND(25)
	6/4/2009	ND(0.2105)	4.62	ND(0.1959)	ND(0.231)	4.62	ND(0.2562)	41.0 I	ND(26)
	9/10/2009	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.8)	0.56	ND(13)	ND(36)
	12/2/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	0.77 I	31.0 I	ND(36)
	3/15/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	ND(0.261)	ND(25)	117
	6/11/2010	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	0.77 J	ND(200)	ND(100)
	8/27/2010	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	0.54 J	ND(200)	ND(110)
	11/16/2010	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	0.48 J	ND(200)	ND(120)
	2/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(200)	137
	5/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.3 J	ND(200)	ND(130)
	8/9/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.34 J	ND(200)	ND(100)
721 BNR									
	10/3/2003	ND	ND	ND	ND	ND	2.5	NS	NS
	11/20/2003	ND	ND	ND	ND	ND	2.8	ND	ND
	12/23/2003	ND	ND	ND	ND	ND	2.7	ND	ND
	1/16/2004	ND	ND	ND	ND	ND	2.6	ND	ND
	2/13/2004	ND	ND	ND	ND	ND	3.0	ND	ND
	3/2/2004	ND	ND	ND	ND	ND	3.2	ND	ND
	3/25/2004	ND	ND	ND	ND	ND	3.0	ND	ND
	4/16/2004	ND	ND	ND	ND	ND	3.0	ND	ND
	6/24/2004	ND	NS	NS	ND	ND	3.6	ND	NS
	10/22/2004	ND	ND	ND	ND	ND	4.8	ND	ND
	12/8/2004	ND	ND	ND	ND	ND	3.7	ND	ND
	3/31/2005	ND	ND	ND	ND	ND	4.4	ND	ND
	6/23/2005	ND	ND	ND	ND	ND	2.6	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	2.6	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	2.9	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	2.74	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	1.74	ND	ND
	9/26/2006	ND(1)	ND(1)	ND(1)	ND(2)	ND(5)	1.74	ND(100)	ND(96.2)
	12/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	1.28	ND(100)	ND(97.1)
	3/26/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	ND(2)	ND(100)	ND(100)
	6/8/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(100)
	9/13/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(105)
	12/3/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(100)
	3/27/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(100)	ND(50)

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137675

	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
721 BNR									
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(100)	ND(50)
	9/22/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND	ND(0.5665)	ND(0.2562)	ND(20)	55.0 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(25)	87
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(25)	ND(25)
	6/4/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.231)	ND(0.7975)	ND(0.2562)	ND(25)	ND(25)
	9/10/2009	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.8)	ND(0.2)	ND(13)	ND(36)
	12/2/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	ND(0.261)	29.0 I	ND(36)
	3/15/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	ND(0.261)	ND(25)	113
	6/11/2010	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
	8/27/2010	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
	11/16/2010	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
	2/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(200)	ND(100)
	5/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(200)	ND(100)
	8/9/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(200)	ND(100)
730 BND									
	10/1/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	3.2	26.0 I	260
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	2.62	ND(25)	60 I
	2/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(200)	ND(100)
	5/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.6	ND(200)	ND(100)
	8/9/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.6	ND(200)	190
730 BNS									
	10/1/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	2.86	ND(25)	404
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	1.27	32.0 I	ND(40)
	5/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.8	ND(200)	ND(100)
	8/9/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.55 J	ND(200)	ND(100)
750 BND									
	6/22/2005	ND	ND	ND	ND	ND	ND	ND	664
	11/17/2005	ND	ND	ND	ND	ND	0.59	ND	529
	3/30/2006	ND	ND	ND	ND	ND	ND	ND	NS
	6/29/2006	NS	NS	ND	ND	NS	4.79	ND	127
	9/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	9.88	ND(100)	686
	12/19/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	80.6	124	ND(100)
	3/6/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	7.05	ND(100)	120
	6/22/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	75.7	ND(100)	131
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	3.6	ND(100)	603
	12/5/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	7.94	ND(100)	353
	3/25/2008	ND(5)	ND(5)	ND(5)	5.6	5.6	670	820	ND(50)
	6/24/2008	ND(1)	ND(1)	ND(1)	4.3	4.3	770	810	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	5.2	5.2	900	480	78 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	1.122	1.122	616.5	1020	41.0 I
	2/20/2009	ND(0.2105)	0.5379 I	ND(0.1959)	ND(0.6946)	0.5379	990.1	561	NS

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750 BND									
	5/7/2009	ND(0.2105)	1.04	ND(0.1959)	ND(0.6946)	1.04	924.4	279	ND(25)
	9/23/2009	ND(1.05)	ND(1.24)	ND(0.98)	ND(3.48)	ND(6.75)	214	43.0 I	ND(36)
	12/7/2009	ND(4.21)	ND(4.94)	ND(3.92)	ND(13.91)	ND(26.98)	1640	954	54.0 I
	3/11/2010	ND(2.11)	ND(2.47)	ND(1.96)	ND(6.96)	ND(13.5)	1660	1280	41.0
	5/20/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	797	487	60 I
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(25)	ND(36)
	12/2/2010	ND(0.249)	0.68 I	0.28 I	1.41	2.37	304	243	54.0 I
	2/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1270	1380	155
	5/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	967	681	270
	8/9/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	283	373	ND(100)
750 BNR									
	6/22/2005	ND	0.23	ND	ND	0.23	ND	ND	1430
	11/17/2005	ND	ND	ND	ND	ND	ND	ND	298
	6/29/2006	ND	ND	ND	ND	ND	ND	ND	126
	9/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	115
	12/19/2006	6.74	12.8	6.33	28.1	53.97	ND(1)	167	243
	3/6/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	2.28	ND(100)	170
	6/22/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	2.72	ND(100)	1720
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(118)
	12/5/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	60.6	ND(100)	ND(94.3)
	3/25/2008	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	10.0	ND(100)	160
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	47.0	ND(100)	170
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	21.0	ND(20)	140 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	24.34	45.0	69
	2/20/2009	ND(0.2105)	0.8475 I	ND(0.1959)	0.5067	1.3542	34.4	29.0 I	NS
	5/7/2009	ND(0.2105)	1.17	ND(0.1959)	ND(0.6946)	1.17	30.69	ND(25)	120
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	25.1	25.0 I	72 I
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	34.9	54.0 I	86 I
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	32.0	54.0	46.0
	5/20/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	38.5	33.0 I	106 I
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	41.8	45.0 I	ND(36)
	12/2/2010	ND(0.249)	0.85 I	0.274 I	0.689	1.813	43.6	48.0 I	99 I
	2/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	38.4	ND(200)	228
	5/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	37.9	ND(200)	472
	8/9/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	42.6	ND(200)	267
750 BNS									
	6/22/2005	ND	ND	ND	ND	ND	ND	ND	554
	11/17/2005	ND	ND	ND	ND	ND	ND	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	3.13	ND	NS
	6/29/2006	ND	ND	ND	ND	ND	ND	ND	ND
	9/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	NS

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750 BNS									
	12/19/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	NS
	3/6/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	ND(1)	ND(100)	NS
	6/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	NS
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(118)
	12/5/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	NS
	3/25/2008	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	ND(5)	ND(100)	300
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(100)	200
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(20)	NS
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(25)	NS
	2/20/2009	ND(0.2105)	0.7117 I	ND(0.1959)	ND(0.6946)	0.7117	1.375 I	ND(25)	NS
	5/7/2009	ND(0.2105)	0.77 I	ND(0.1959)	ND(0.6946)	0.77	ND(0.2562)	ND(25)	140
	9/23/2009	ND(0.211)	0.29 I	ND(0.196)	ND(0.696)	0.29	1.02 I	15.0 I	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.94 I	27.0 I	ND(36)
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.68	ND(25)	43.0
	5/20/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.83 I	27.0 I	ND(36)
	9/27/2010	ND(0.249)	1.39	ND(0.21)	ND(0.676)	1.39	0.88 I	ND(25)	83 I
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	0.81 I	25.0 I	ND(40)
	2/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.9 J	ND(200)	168
	8/9/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.64 J	ND(200)	337
MW-02									
	1/6/2004	ND(0.045)	ND(0.036)	ND(0.027)	ND(0.035)	ND(0.143)	8.9	ND(52)	ND(29)
	4/5/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2)	6.2	ND	ND
	7/1/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2)	4.8	ND(200)	ND(100)
	10/5/2004	ND	ND	ND	ND	ND	4.0	ND	ND
	1/3/2005	ND	ND	ND	ND	ND	6.0	ND	ND
	4/13/2005	ND	ND	ND	ND	ND	5.9	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	5.5	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	4.9	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	2.84	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	3.54	ND	ND
	9/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	6.1	ND(100)	ND(94.3)
	12/19/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	4.86	ND(100)	ND(100)
	3/6/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	6.2	ND(100)	ND(100)
	6/22/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	6.24	ND(100)	ND(97.1)
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	6.41	ND(100)	ND(95.2)
	12/5/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	12.1	ND(100)	ND(105)
	3/25/2008	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	7.6	ND(100)	56.0
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	4.9	ND(100)	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(20)	78 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	6.398	34.0 I	32.0 I
	2/20/2009	ND(0.2105)	0.5513 I	ND(0.1959)	ND(0.6946)	0.5513	6.729	ND(25)	65 I

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Table 2
Summary of Groundwater Analytical Results
137675

	Sample Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*Total BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
MW-02									
	5/7/2009	ND(0.2105)	0.78 I	ND(0.1959)	ND(0.6946)	0.78	5.15	ND(25)	ND(25)
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	2.79	43.0 I	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	2.61	ND(25)	ND(36)
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	1.27	36.0	ND(36)
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.71 I	ND(25)	NS
	5/20/2010	NS	NS	NS	NS	NS	NS	NS	ND(36)
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	0.79 I	27.0 I	38.0 I
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	159	ND(25)	ND(36)
	1/11/2011	NS	NS	NS	NS	NS	ND(1.0)	NS	NS
	2/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.35 J	ND(200)	ND(100)
	5/20/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.28 J	ND(200)	ND(100)
	8/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.34 J	ND(200)	ND(100)
MW-04									
	1/6/2004	3.9	0.84	ND(0.2)	0.76	5.5	49.3	318	ND(270)
	4/5/2004	1.4	0.17	ND	ND	1.57	30.4	ND	ND
	7/1/2004	0.73	ND(0.5)	ND(0.5)	ND(0.5)	0.73	14.4	224	ND(100)
	10/5/2004	ND	ND	ND	ND	ND	1.3	ND	ND
	1/3/2005	ND	ND	ND	ND	ND	1.5	ND	ND
	4/13/2005	ND	ND	ND	ND	ND	24.7	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	2.4	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	8.3	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	2.91	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	3.32	ND	ND
	9/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	5.45	ND(100)	ND(93.9)
	12/19/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	5.49	ND(100)	ND(101)
	3/6/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	11.2	ND(100)	ND(100)
	6/22/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	2.57	ND(100)	354
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	18.4	ND(100)	315
	12/5/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	17.7	ND(100)	ND(97.1)
	3/25/2008	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	9.2	ND(100)	ND(50)
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	5.0	ND(100)	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(20)	44.0 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	7.378	40.0 I	22.59
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	8.12	ND(25)	57.0 I
	5/7/2009	ND(0.2105)	0.7 I	ND(0.1959)	ND(0.6946)	0.7	5.9	ND(25)	ND(25)
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	2.73	15.0 I	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	4.16	30.0 I	ND(36)
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	4.33	35.0	ND(36)
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	3.59	ND(25)	ND(36)
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	3.04	29.0 I	ND(36)
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	2.34	29.0 I	ND(40)

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137675

	Sample Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*Total BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
MW-04									
	2/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	3.7	ND(200)	194
	5/20/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.6	ND(200)	ND(100)
	8/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.3	ND(200)	ND(100)
MW-05D									
	4/5/2004	0.3	0.69	ND	ND	0.99	241	436	ND
	7/1/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2)	260	322	281
	10/4/2004	ND	ND	ND	ND	ND	12.4	ND	ND
	1/3/2005	ND	ND	ND	ND	ND	ND	ND	ND
	4/13/2005	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	ND	ND	100
	11/17/2005	ND	ND	ND	ND	ND	26.2	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	ND	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	ND	ND	ND
	9/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(93.9)
	12/19/2006	3.11	ND(1)	ND(1)	ND(3)	3.11	3420	2750	ND(100)
	3/6/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	1.06	ND(100)	ND(100)
	6/22/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(95.2)
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(95.2)
	12/5/2007	ND(1)	1.15	ND(1)	ND(3)	1.15	1.02	ND(100)	ND(105)
	3/25/2008	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	ND(5)	ND(100)	780
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	5.6	ND(100)	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(20)	42.0 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	62.89	111	30.0 I
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	135.4	ND(25)	57.0 I
	5/7/2009	ND(0.2105)	0.87 I	ND(0.1959)	ND(0.6946)	0.87	ND(0.2562)	ND(25)	ND(25)
	9/23/2009	ND(0.211)	0.25 I	ND(0.196)	ND(0.696)	0.25	0.42 I	ND(13)	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	5.22	27.0 I	ND(36)
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	26.0	39.0
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	26.0 I	325 I
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(25)	ND(36)
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(25)	ND(36)
	2/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.5	ND(200)	ND(110)
	5/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.4	ND(200)	ND(100)
	8/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(200)	342
MW-05R									
	7/8/2004	ND(1)	0.21	ND(1)	ND(1)	0.21	61.8	ND(200)	ND(160)
	10/4/2004	ND	ND	ND	ND	ND	79	ND	168
	1/3/2005	ND	ND	ND	ND	ND	72.6	ND	ND
	4/13/2005	ND	ND	ND	ND	ND	69.4	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	60.9	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	ND	ND	ND

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MW-05R									
	3/30/2006	2.15	ND	ND	ND	2.15	3800	775	113
	6/29/2006	ND	ND	ND	ND	ND	ND	ND	ND
	9/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(93.9)
	12/19/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	115
	3/6/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	1.19	ND(100)	ND(100)
	6/22/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	2.11	ND(100)	ND(94.3)
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	129
	12/5/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	120
	3/25/2008	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	ND(5)	ND(100)	54.0
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(100)	ND(50)
	9/15/2008	1.0	ND(0.14)	ND(0.19)	ND(0.71)	1.0	1900	880	92 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(25)	36.0 I
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(25)	65 I
	5/7/2009	ND(0.2105)	1.28	ND(0.1959)	ND(0.6946)	1.28	ND(0.2562)	ND(25)	ND(25)
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.51 I	ND(13)	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.7 I	26.0 I	86 I
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.79	ND(25)	ND(36)
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	540	217 I
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	28.0 I	105 I
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(25)	ND(38)
	2/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(200)	ND(110)
	5/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.59 J	ND(200)	ND(100)
	8/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(200)	ND(100)
MW-05S									
	1/6/2004	9.2	0.1	ND(0.027)	1.2	10.5	7630	9290	ND(29)
	4/5/2004	ND	ND	ND	ND	ND	2400	3250	ND
	7/1/2004	2.4	ND(2)	ND(2)	ND(2)	2.4	3570	3930	ND(100)
	10/4/2004	ND	ND	ND	ND	ND	7110	9400	ND
	1/3/2005	ND	ND	ND	ND	ND	3280	3080	ND
	4/13/2005	ND	ND	ND	0.31	0.31	1790	2490	ND
	8/17/2005	ND	ND	ND	ND	ND	6.3	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	3550	2630	ND
	3/30/2006	ND	ND	ND	ND	ND	ND	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	116	128	ND
	9/28/2006	4.11	ND(1)	ND(1)	ND(3)	4.11	4190	1170	113
	12/19/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	7.25	ND(100)	ND(101)
	3/6/2007	1.7	ND(2)	ND(2)	ND(6)	1.7	2470	2190	ND(100)
	6/22/2007	2.07	ND(1)	ND(1)	ND(3)	2.07	2990	3330	ND(97.1)
	9/25/2007	1.83	ND(1)	ND(1)	ND(3)	1.83	2840	2140	ND(97.1)
	12/5/2007	1.69	ND(1)	ND(1)	ND(3)	1.69	2140	1540	ND(100)
	3/25/2008	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	1800	2000	ND(50)

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MW-05S									
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	58.0	ND(100)	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	5.5	ND(20)	38.0 I
	12/12/2008	1.148	ND(0.1601)	ND(0.1959)	ND(0.6946)	1.148	1110	2230	53.0
	2/20/2009	4.24	ND(0.1601)	ND(0.1959)	1.42	5.66	3184	2810	110
	5/7/2009	ND(0.2105)	0.66 I	ND(0.1959)	ND(0.6946)	0.66	580.3	161	ND(26)
	9/23/2009	ND(0.211)	0.4 I	ND(0.196)	ND(0.696)	0.4	885	284	ND(36)
	12/7/2009	ND(4.21)	ND(4.94)	ND(3.92)	ND(13.91)	ND(26.98)	1770	985	48.0 I
	3/11/2010	ND(2.11)	ND(2.47)	ND(1.96)	ND(6.96)	ND(13.5)	1380	806	ND(36)
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	12.8	ND(25)	ND(36)
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	2.38	25.0 I	ND(36)
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	575	408	ND(36)
	2/15/2011	0.46 J	ND(1.0)	ND(1.0)	ND(1.0)	0.46	1210	1350	ND(100)
	5/18/2011	0.41 J	ND(1.0)	ND(1.0)	ND(1.0)	0.41	861	860	ND(100)
	8/10/2011	0.31 J	ND(1.0)	ND(1.0)	0.25 J	0.56	982	639	119
MW-06D									
	4/5/2004	ND	ND	ND	ND	ND	5210	6940	134
	7/1/2004	1.8	ND(2.5)	ND(2.5)	2.5	4.3	6120	7370	179
	10/4/2004	74	ND	ND	45.7	119.7	6190	8080	156
	1/3/2005	61.8	ND	ND	39.1	100.9	6850	6240	199
	4/13/2005	5.1	ND	ND	5.7	10.8	6790	8870	ND
	8/17/2005	ND	ND	ND	ND	ND	2640	2870	ND
	11/17/2005	ND	ND	ND	ND	ND	2930	2040	ND
	3/30/2006	ND	ND	ND	ND	ND	ND	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	ND	ND	ND
	9/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(93.9)
	12/19/2006	73.8	ND(1)	ND(1)	38.0	111.8	12200	10100	165
	2/2/2007	65.2	ND(1)	ND(1)	40.7	105.9	14500	4830	295
	3/6/2007	54.0	ND(2)	ND(2)	30.0	84	14300	12200	300
	6/22/2007	54.9	ND(1)	ND(1)	37.3	92.2	14700	8750	233
	9/25/2007	63.7	ND(1)	ND(1)	30.8	94.5	17900	14100	159
	12/5/2007	49.6	ND(1)	ND(1)	32.5	82.1	14000	9370	220
	3/25/2008	45.0	ND(5)	ND(5)	25.0	70	12000	14000	770
	6/24/2008	46.0	ND(1)	ND(1)	23.0	69	19000	15000	260
	9/15/2008	46.0	ND(0.14)	ND(0.19)	22.0	68	16000	7100	190 I
	12/12/2008	45.71	ND(0.1601)	ND(0.1959)	20.91	66.62	15130	15400	200
	2/20/2009	67.31	ND(0.1601)	ND(0.1959)	29.47	96.78	17010	6740	170
	5/7/2009	43.53	1.32	ND(0.1959)	11.92	56.77	16530	3750	110
	9/23/2009	38.2	ND(0.247)	ND(0.196)	2.13	40.33	13800	6810	113 I
	12/7/2009	55.0 I	ND(49.4)	ND(39.2)	ND(139.1)	55.0	15900	8090	199 I
	3/11/2010	38.0	ND(24.7)	ND(19.6)	ND(69.6)	38.0	17400	11000	116
	5/17/2010	31.0 I	ND(12.4)	ND(9.8)	ND(34.8)	31.0	14000	11100	225 I

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Table 2
Summary of Groundwater Analytical Results
137675

	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
MW-06D									
	9/27/2010	34.2	ND(0.201)	ND(0.21)	1.69	35.89	13200	10600	60 I
	12/6/2010	ND(24.9)	ND(20.1)	ND(21)	ND(67.6)	ND(133.6)	9240	11900	95 I
	2/16/2011	11.4	ND(10)	ND(10)	ND(10)	11.4	6810	6700	135
	5/18/2011	7.0 J	ND(10)	ND(10)	ND(10)	7.0	4060	4150	ND(100)
	8/12/2011	3.1 J	ND(5.0)	ND(5.0)	ND(5.0)	3.1	3120	3340	ND(100)
MW-06R									
	7/8/2004	ND(1)	76.6	ND(1)	ND(1)	76.6	74.9	289	160
	10/4/2004	0.32	1.4	ND	ND	1.72	83.5	ND	144
	1/3/2005	ND	ND	ND	ND	ND	82.8	ND	253
	4/13/2005	ND	ND	ND	ND	ND	70.7	ND	163
	8/17/2005	ND	ND	ND	ND	ND	65.7	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	70.4	ND	183
	3/30/2006	ND	ND	ND	ND	ND	6.95	ND	NS
	6/29/2006	ND	ND	ND	ND	ND	ND	ND	ND
	9/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	1.82	ND(100)	ND(94.3)
	12/19/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	2.29	ND(100)	178
	3/6/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	ND(1)	ND(100)	110
	6/22/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	36.6	ND(100)	106
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	68.5	ND(100)	ND(98)
	12/5/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(94.3)
	3/25/2008	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	7.7	ND(100)	2300
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	18.0	ND(100)	250
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	32.0	ND(20)	57.0 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	3.067 I	29.0 I	44.0 I
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	20.37	ND(25)	110 I
	5/7/2009	ND(0.2105)	1.28	ND(0.1959)	ND(0.6946)	1.28	ND(0.2562)	ND(25)	90 I
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	37.4	ND(13)	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	81.4	78 I	ND(36)
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	67.6	32.0	46.0
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	92.4	54.0 I	39.0 I
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	129	133	40.0 I
	12/6/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	112	85 I	ND(36)
	2/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	37.2	ND(200)	264
	5/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	45.2	ND(200)	121
	8/12/2011	ND(1.0)	0.26 J	ND(1.0)	ND(1.0)	0.26	57.6	ND(200)	ND(100)
MW-06S									
	1/6/2004	ND(0.045)	ND(0.036)	ND(0.34)	ND(0.035)	ND(0.456)	135	ND(52)	ND(27)
	4/5/2004	ND	ND	ND	ND	ND	291	392	ND
	7/1/2004	0.57	ND(0.5)	ND(0.5)	0.4	0.97	521	566	ND(100)
	10/4/2004	ND	ND	ND	ND	ND	500	625	ND
	1/3/2005	ND	ND	ND	ND	ND	495	502	ND

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137675

	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
MW-06S									
	4/13/2005	ND	ND	ND	ND	ND	74.9	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	545	626	ND
	11/17/2005	ND	ND	ND	ND	ND	244	463	ND
	3/30/2006	ND	ND	ND	ND	ND	179	135	ND
	6/29/2006	ND	ND	ND	ND	ND	40.7	ND	ND
	9/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	936	290	ND(93.9)
	12/19/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	128	113	ND(105)
	3/6/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	38.0	ND(100)	ND(100)
	6/22/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	47.4	ND(100)	ND(97.1)
	3/25/2008	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	46.0	ND(100)	60
	6/24/2008	6.5	ND(1)	ND(1)	2.4	8.9	2300	2200	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	130	130	49.0 I
	5/7/2009	ND(0.2105)	1.56	ND(0.1959)	ND(0.6946)	1.56	10.17	ND(25)	ND(25)
	9/23/2009	ND(0.211)	0.28 I	ND(0.196)	ND(0.696)	0.28	150	ND(13)	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	423	192	ND(36)
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	3.6	ND(25)	48.0
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	20.5	27.0 I	ND(36)
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	146	127	67 I
	12/6/2010	ND(1.25)	ND(1.01)	ND(1.05)	ND(3.39)	ND(6.7)	320	216	ND(36)
	5/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	16.4	ND(200)	ND(100)
MW-07D									
	4/5/2004	ND	ND	ND	ND	ND	9.5	ND	ND
	7/1/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2)	8.4	ND(200)	ND(100)
	10/4/2004	ND	ND	ND	ND	ND	7.8	ND	ND
	1/3/2005	ND	ND	ND	ND	ND	6.2	ND	ND
	4/13/2005	ND	ND	ND	ND	ND	0.75	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	ND	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	ND	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	ND	ND	ND
	9/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(93.9)
	12/19/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(100)
	3/6/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	ND(1)	ND(100)	ND(60)
	6/22/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(95.2)
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(98)
	12/5/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	125
	3/25/2008	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	ND(5)	ND(100)	5800
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(100)	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(20)	110 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	0.8438 I	ND(25)	39.0 I
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(25)	85 I

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	Sample Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*Total BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
MW-07D									
	5/7/2009	ND(0.2105)	1.81	ND(0.1959)	ND(0.6946)	1.81	ND(0.2562)	ND(25)	ND(25)
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(13)	ND(36)
	12/7/2009	ND(0.211)	0.49 I	ND(0.196)	ND(0.696)	0.49	0.56 I	28.0 I	131 I
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.71	33.0	NS
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.64 I	ND(25)	36.0 I
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(25)	121 I
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(25)	ND(36)
	2/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(200)	ND(110)
	5/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(200)	ND(100)
	8/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(200)	ND(100)
MW-07S									
	4/5/2004	ND	ND	ND	ND	ND	189	ND	ND
	7/1/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2)	195	237	ND(100)
	10/4/2004	ND	ND	ND	ND	ND	214	276	ND
	1/3/2005	ND	ND	ND	ND	ND	244	232	ND
	4/13/2005	ND	ND	ND	ND	ND	149	208	ND
	8/17/2005	ND	ND	ND	ND	ND	50.0	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	119	214	ND
	3/30/2006	ND	ND	ND	ND	ND	47.4	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	58.5	ND	ND
	9/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	17.3	ND(100)	ND(93.9)
	12/19/2006	ND(1)	1.45	1.09	4.77	7.31	24.8	ND(100)	ND(100)
	3/6/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	65.5	ND(100)	ND(79)
	6/22/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	26.1	ND(100)	ND(98)
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	16.7	ND(100)	ND(125)
	12/5/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	19.1	ND(100)	ND(100)
	3/25/2008	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	44.0	ND(100)	ND(50)
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	15.0	ND(100)	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	33.0	ND(20)	46.0 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	17.4	44.0 I	ND(14)
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	47.23	ND(25)	51.0 I
	5/7/2009	ND(0.2105)	1.68	ND(0.1959)	ND(0.6946)	1.68	44.24	ND(25)	ND(25)
	9/23/2009	ND(0.211)	0.45 I	ND(0.196)	ND(0.696)	0.45	13.3	ND(13)	ND(36)
	12/7/2009	ND(0.211)	0.34 I	ND(0.196)	ND(0.696)	0.34	22.9	36.0 I	60 I
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	1.65	34.0	ND(36)
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.28 I	ND(25)	ND(36)
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	32.0	40.0 I	ND(36)
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	26.0	34.0 I	ND(36)
	2/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	38.7	ND(200)	ND(110)
	5/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	25.4	ND(200)	ND(100)
	8/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	37.0	ND(200)	ND(100)

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MW-08D									
	4/5/2004	ND	ND	ND	ND	ND	80	ND	ND
	7/1/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2)	71.7	ND(200)	ND(100)
	10/4/2004	ND	ND	ND	ND	ND	95.4	ND	ND
	1/3/2005	ND	ND	ND	1.1	1.1	93.6	ND	ND
	4/13/2005	ND	ND	ND	4.8	4.8	135	344	ND
	8/17/2005	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/2005	ND	ND	ND	0.92	0.92	233	481	ND
	3/30/2006	ND	ND	ND	ND	ND	ND	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	ND	ND	ND
	9/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	299	144	ND(93.9)
	12/19/2006	ND(1)	2.11	1.68	10.6	14.39	278	372	ND(100)
	3/6/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	369	381	ND(100)
	6/22/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	391	387	ND(95.2)
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	292	295	ND(96.2)
	12/5/2007	ND(1)	ND(1)	ND(1)	4.03	4.03	460	353	ND(94.3)
	3/25/2008	ND(5)	ND(5)	ND(5)	17.0	17.0	670	920	130
	6/24/2008	1.2	ND(1)	ND(1)	7.7	8.9	660	790	63
	9/15/2008	1.3	ND(0.14)	ND(0.19)	8.9	10.2	620	420	71 I
	12/12/2008	1.188	0.5046 I	ND(0.1959)	8.671	10.3636	659.1	1180	67
	2/20/2009	2.525	ND(0.1601)	ND(0.1959)	14.82	17.345	1083	703	68 I
	5/7/2009	1.87	0.63 I	ND(0.1959)	13.81	16.31	1013	420	70
	9/23/2009	ND(1.05)	ND(1.24)	ND(0.98)	3.35	3.35	343	104	ND(36)
	12/7/2009	ND(2.11)	ND(2.47)	ND(1.96)	10.2	10.2	1130	698	ND(36)
	3/11/2010	ND(2.11)	2.7	ND(1.96)	7.7	10.4	1330	981	80
	5/17/2010	0.93 I	ND(0.247)	ND(0.196)	7.62	8.55	1520	1200	93 I
	9/27/2010	0.613 I	ND(0.201)	ND(0.21)	9.82	10.433	1480	1150	68 I
	12/2/2010	ND(12.5)	ND(10.1)	ND(10.5)	ND(33.9)	ND(67)	1660	1380	104 I
	2/15/2011	3.7 J	ND(5.0)	ND(5.0)	8.6	12.3	2130	2390	128
	5/17/2011	2.4 J	ND(5.0)	ND(5.0)	7.9	10.3	2220	2120	ND(100)
	8/10/2011	4.0 J	ND(5.0)	ND(5.0)	8.5	12.5	2950	1730	177
MW-08S									
	4/5/2004	ND	ND	ND	ND	ND	15.6	ND	ND
	7/1/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2)	7.6	ND(200)	ND(100)
	10/4/2004	ND	ND	ND	ND	ND	4.9	ND	ND
	1/3/2005	ND	ND	ND	ND	ND	9.8	ND	ND
	4/13/2005	ND	ND	ND	ND	ND	16.0	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	2.3	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	11.3	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	10.1	ND	125
	6/29/2006	ND	ND	ND	ND	ND	17.4	ND	ND
	9/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	11.1	ND(100)	ND(93.9)

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Table 2
Summary of Groundwater Analytical Results
137675

	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
MW-08S									
	12/19/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	16.4	ND(100)	ND(100)
	3/6/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	27.2	ND(100)	ND(81)
	6/22/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	4.22	ND(100)	ND(100)
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	11.6	ND(100)	ND(97.1)
	12/5/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	20.7	ND(100)	ND(94.3)
	3/25/2008	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	20.0	ND(100)	ND(50)
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	8.0	ND(100)	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	14.0	ND(20)	55.0 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	30.85	54.0	ND(13)
	2/20/2009	ND(0.2105)	0.5156 I	ND(0.1959)	ND(0.6946)	0.5156	23.85	ND(25)	36.0 I
	5/7/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	39.33	ND(25)	ND(26)
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	13.1	16.0 I	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	34.0	44.0 I	45.0 I
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	7.05	ND(25)	38.0
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	3.21	ND(25)	44.0 I
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	8.81	34.0 I	ND(36)
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	10.7	ND(25)	ND(36)
	2/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	14.7	ND(200)	ND(110)
	5/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	175	226	ND(100)
	8/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	12.6	ND(200)	ND(100)
MW-09D									
	4/5/2004	ND	ND	ND	ND	ND	3.0	ND	ND
	7/1/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2)	4.4	ND(200)	249
	10/5/2004	ND	ND	ND	ND	ND	7.0	ND	ND
	1/3/2005	ND	ND	ND	ND	ND	7.4	ND	ND
	4/13/2005	ND	ND	ND	ND	ND	7.2	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	8.1	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	8.1	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	5.28	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	4.85	ND	ND
	9/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	5.23	ND(100)	ND(93.9)
	12/19/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	2.15	ND(100)	ND(100)
	3/6/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	3.12	ND(100)	ND(76)
	6/22/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	1.89	ND(100)	ND(111)
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	3.02	ND(100)	ND(95.2)
	12/5/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	2.38	ND(100)	ND(97.1)
	3/25/2008	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	ND(5)	ND(100)	64
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	1.8	ND(100)	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(20)	620
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	0.7778 I	ND(25)	ND(13)
	2/20/2009	ND(0.2105)	0.5395 I	ND(0.1959)	ND(0.6946)	0.5395	ND(0.2562)	ND(25)	ND(25)

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Summary of Groundwater Analytical Results
137675

	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
MW-09D									
	5/7/2009	ND(0.2105)	0.66 I	ND(0.1959)	ND(0.6946)	0.66	ND(0.2562)	ND(25)	ND(25)
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.57 I	ND(13)	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.51 I	32.0 I	ND(36)
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.54	ND(25)	51.0
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.4 I	ND(25)	54.0 I
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(25)	ND(36)
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(25)	633 I
	2/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(200)	240
	5/18/2011	NS	NS	NS	NS	NS	NS	NS	ND(100)
	6/3/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.28 J	ND(200)	NS
	8/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(200)	187
MW-09S									
	4/5/2004	ND	ND	ND	ND	ND	0.66	ND	ND
	7/1/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2)	1.1	ND(200)	ND(100)
	10/5/2004	ND	ND	ND	ND	ND	3.3	ND	ND
	1/3/2005	ND	ND	ND	ND	ND	6.5	ND	ND
	4/13/2005	ND	ND	ND	ND	ND	5.1	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	6.5	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	6.1	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	3.85	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	3.39	ND	ND
	9/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	3.93	ND(100)	ND(94.3)
	12/19/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	1.09	ND(100)	ND(102)
	3/6/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	1.23	ND(100)	ND(63)
	6/22/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(97.1)
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(118)
	12/5/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	ND(1)	ND(100)	ND(105)
	3/25/2008	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	ND(5)	ND(100)	ND(50)
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(100)	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(20)	73 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	0.5719 I	ND(25)	14.0 I
	2/20/2009	ND(0.2105)	0.5568 I	ND(0.1959)	ND(0.6946)	0.5568	ND(0.2562)	ND(25)	ND(25)
	5/7/2009	ND(0.2105)	0.99 I	ND(0.1959)	ND(0.6946)	0.99	ND(0.2562)	ND(25)	ND(25)
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.27 I	17.0 I	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(25)	43.0 I
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(25)	37.0
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(25)	ND(36)
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	32.0 I	ND(36)
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(25)	ND(36)
	2/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(200)	ND(110)
	5/18/2011	NS	NS	NS	NS	NS	NS	NS	ND(100)

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137675

	Sample Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*Total BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
MW-09S									
	6/3/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.39 J	ND(200)	NS
	8/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(200)	ND(110)
MW-11D									
	7/8/2004	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	62.2	ND(200)	1020
	10/4/2004	ND	ND	ND	ND	ND	30.8	ND	146
	1/3/2005	ND	ND	ND	ND	ND	7.6	ND	148
	4/13/2005	ND	ND	ND	ND	ND	19.2	ND	211
	8/17/2005	ND	ND	ND	ND	ND	10.1	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	0.75	ND	728
	3/30/2006	ND	ND	ND	ND	ND	10.6	ND	323
	6/29/2006	ND	ND	ND	ND	ND	ND	ND	339
	9/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	2.75	ND(100)	277
	12/19/2006	ND(1)	14.7	ND(1)	ND(3)	14.7	ND(1)	ND(100)	464
	3/6/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	ND(1)	ND(100)	130
	6/22/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	2.11	ND(100)	447
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	15.6	ND(100)	213
	12/5/2007	1.63	2.49	ND(1)	ND(3)	4.12	ND(1)	ND(100)	1280
	3/25/2008	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	ND(5)	ND(100)	1600
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(100)	210
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(20)	360
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	25.0 I	124
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	2.39 I	ND(25)	250
	5/7/2009	ND(0.2105)	1.57	ND(0.1959)	ND(0.6946)	1.57	ND(0.2562)	ND(25)	120
	9/23/2009	ND(0.211)	1.53	ND(0.196)	ND(0.696)	1.53	0.66 I	ND(13)	ND(36)
	12/7/2009	ND(0.211)	1.38	0.24 I	0.4	2.02	0.66 I	38.0 I	98 I
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	4.59	36.0	105
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	2.52	ND(25)	45.0 I
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	1.39	ND(25)	260 I
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	1.72	ND(25)	218 I
	2/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.8	ND(200)	307
	5/18/2011	NS	NS	NS	NS	NS	NS	NS	363
	6/3/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	12.5	ND(200)	NS
	8/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	17.3	ND(200)	ND(100)
MW-11R									
	7/1/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2)	26.4	ND(200)	429
	10/4/2004	ND	ND	ND	ND	ND	19.4	ND	ND
	1/3/2005	ND	ND	ND	ND	ND	18.8	ND	ND
	4/13/2005	ND	ND	ND	ND	ND	8.0	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	ND	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	ND	ND	113

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MW-11R									
	6/29/2006	ND	ND	ND	ND	ND	1.55	ND	ND
	9/28/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	2.66	ND(100)	351
	12/19/2006	ND(1)	1.42	1.2	5.49	8.11	27.7	ND(100)	941
	3/6/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	25.1	ND(100)	ND(100)
	6/22/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	6.5	ND(100)	ND(98)
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	4.76	ND(100)	ND(97.1)
	12/5/2007	2.14	3.02	ND(1)	ND(3)	5.16	2.57	ND(100)	ND(100)
	3/25/2008	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	ND(5)	ND(100)	2300
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(100)	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(20)	53.0 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	0.7315 I	37.0 I	57.0
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(25)	160
	5/7/2009	ND(0.2105)	1.8	ND(0.1959)	ND(0.6946)	1.8	ND(0.2562)	ND(25)	140
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(13)	ND(36)
	12/7/2009	ND(0.211)	0.27 I	ND(0.196)	ND(0.696)	0.27	29.9	45.0 I	279 I
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	8.52	ND(25)	NS
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.48 I	ND(25)	ND(36)
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	4.8	29.0 I	53.0 I
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	3.87	ND(25)	40.0 I
	2/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(200)	125
	5/18/2011	0.99 J	ND(1.0)	ND(1.0)	ND(1.0)	0.99	751	ND(200)	192
	8/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.48 J	ND(200)	ND(100)
MW-11S									
	7/8/2004	14.1	ND(25)	ND(25)	ND(25)	14.1	12000	15900	ND(110)
	10/4/2004	16.1	ND	ND	ND	16.1	8250	14300	199
	1/3/2005	10.3	ND	ND	ND	10.3	9860	8240	225
	4/13/2005	9.8	ND	ND	ND	9.8	6520	10600	ND
	8/17/2005	ND	ND	ND	ND	ND	7120	15800	148
	11/17/2005	2.5	ND	ND	ND	2.5	2130	3800	354
	3/30/2006	5.23	ND	ND	ND	5.23	3760	4130	411
	6/29/2006	ND	ND	ND	ND	ND	51.9	ND	370
	9/28/2006	2.31	ND(1)	ND(1)	ND(3)	2.31	1960	652	629
	12/19/2006	3.27	1.57	ND(1)	ND(3)	4.84	1860	1610	ND(100)
	3/6/2007	ND(1)	ND(2)	ND(2)	ND(6)	ND(11)	45.4	ND(100)	260
	6/22/2007	2.47	ND(1)	ND(1)	ND(3)	2.47	2340	2880	298
	9/25/2007	3.67	ND(1)	ND(1)	ND(3)	3.67	3810	2870	169
	12/5/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	29.2	ND(100)	775
	3/25/2008	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	ND(5)	ND(100)	63
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	31.0	ND(100)	260
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	54.0	120	150 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(25)	202

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Summary of Groundwater Analytical Results
137675

	Sample Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*Total BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
MW-11S									
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	814.9	403	180
	5/7/2009	ND(0.2105)	1.62	ND(0.1959)	ND(0.6946)	1.62	ND(0.2562)	ND(25)	110
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	16.5	ND(13)	ND(36)
	12/7/2009	ND(0.211)	0.4 I	ND(0.196)	ND(0.696)	0.4	0.4 I	26.0 I	ND(36)
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	10.5	33.0	74
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	223	142	ND(36)
	9/27/2010	1.1	ND(0.201)	ND(0.21)	ND(0.676)	1.1	1090	948	ND(36)
	12/2/2010	ND(4.99)	ND(4.03)	ND(4.2)	ND(13.53)	ND(26.75)	376	300	897
	2/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	102	ND(200)	646
	5/18/2011	1.0	ND(1.0)	ND(1.0)	ND(1.0)	1.0	804	915	192
	6/3/2011	0.39 J	ND(1.0)	ND(1.0)	ND(1.0)	0.39	987	922	NS
	8/12/2011	0.95 J	ND(1.0)	ND(1.0)	ND(1.0)	0.95	1050	1280	ND(100)
MW-12									
	6/22/2007	3.96	ND(1)	ND(1)	5.35	9.31	1540	1520	ND(95.2)
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	1080	796	ND(95.2)
	12/5/2007	2.13	ND(1)	ND(1)	4.17	6.3	1990	1760	ND(94.3)
	3/25/2008	36.0	ND(5)	ND(5)	19.0	55.0	11000	12000	280
	6/24/2008	1.6	ND(1)	ND(1)	ND(1)	1.6	950	900	ND(50)
	9/15/2008	11.0	ND(0.14)	ND(0.19)	9.9	20.9	5900	3100	110 I
	12/12/2008	0.8948 I	ND(0.1601)	ND(0.1959)	0.5607	1.4555	1310	2230	26.36
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	1.27	1.27	1811	934	71 I
	5/7/2009	2.26	1.59	ND(0.1959)	2.43	6.28	2931	817	ND(25)
	8/25/2009	6.63	ND(0.247)	ND(0.196)	10.6	17.23	2360	NS	NS
	8/27/2009	10.7	ND(0.14)	0.6 I	10.8	22.1	6620	2600	39.0 I
	8/28/2009	12.7	ND(0.14)	ND(0.19)	11.4	24.1	7460	3300	56.0 I
	9/23/2009	6.84	ND(0.247)	ND(0.196)	3.02	9.86	4710	1810	ND(36)
	12/7/2009	ND(10.5)	ND(12.4)	ND(9.8)	ND(34.8)	ND(67.5)	3850	2230	ND(36)
	3/11/2010	ND(5.26)	ND(6.18)	ND(4.9)	ND(17.39)	ND(33.73)	3610	2840	52.0
	5/17/2010	3.1	ND(0.247)	ND(0.196)	0.39	3.49	3920	3230	NS
	5/20/2010	NS	NS	NS	NS	NS	NS	NS	40.0 I
	9/27/2010	1.99	ND(0.201)	ND(0.21)	1.26	3.25	2870	2590	60 I
	12/6/2010	ND(6.23)	ND(5.03)	ND(5.25)	ND(16.9)	ND(33.41)	1880	1440	ND(36)
	2/16/2011	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	1460	1450	ND(100)
	5/19/2011	ND(10)	ND(10)	ND(10)	ND(10)	ND(40)	2280	2280	ND(100)
	8/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	38.6	ND(200)	ND(100)
MW-13D									
	11/25/2008	9.753	ND(0.1601)	ND(0.1959)	3.107	12.86	759.4	623	90
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	256.6	109	57.0 I
	5/7/2009	ND(0.2105)	0.64 I	ND(0.1959)	ND(0.6946)	0.64	6.14	ND(25)	ND(25)
	9/23/2009	2.67	ND(0.247)	ND(0.196)	1.2	3.87	314	50.0 I	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	106	51.0 I	72 I

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	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
MW-13D									
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	8.57	ND(25)	ND(36)
	5/17/2010	0.69 I	ND(0.247)	ND(0.196)	ND(0.696)	0.69	194	393	ND(36)
	9/27/2010	1.13	ND(0.201)	ND(0.21)	ND(0.676)	1.13	151	136	60 I
	12/3/2010	0.995 I	ND(0.403)	ND(0.42)	ND(1.353)	0.995	147	120	ND(40)
	2/18/2011	0.33 J	ND(1.0)	ND(1.0)	ND(1.0)	0.33	438	500	ND(100)
	5/17/2011	1.0	0.19 J	ND(1.0)	ND(1.0)	1.19	166	224	ND(100)
	8/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	140	ND(200)	ND(100)
MW-13S									
	11/25/2008	29.33	ND(0.1601)	ND(0.1959)	4.634	33.964	5527	2780	164
	2/20/2009	24.12	ND(0.1601)	ND(0.1959)	3.49	27.61	4297	2580	120
	5/7/2009	13.44	ND(0.1601)	ND(0.1959)	2.77	16.21	3081	917	73
	9/23/2009	11.9	0.31 I	ND(0.196)	1.44	13.65	3260	1370	43.0 I
	12/7/2009	10.0	ND(2.47)	ND(1.96)	ND(6.96)	10.0	2720	1650	ND(36)
	3/11/2010	7.25	ND(6.18)	ND(4.9)	ND(17.39)	7.25	2790	2410	53.0
	5/17/2010	8.98	ND(0.247)	ND(0.196)	1.28	10.26	2760	2360	74 I
	9/27/2010	10.8	ND(0.201)	ND(0.21)	1.61	12.41	2930	2370	60 I
	12/3/2010	9.76 I	ND(5.03)	ND(5.25)	ND(16.9)	9.76	3020	2430	99 I
	2/18/2011	8.2	ND(2.5)	ND(2.5)	1.4 J	9.6	2310	2580	126
	5/17/2011	4.1 J	ND(5.0)	ND(5.0)	ND(5.0)	4.1	2640	2570	132
	8/11/2011	9.7	ND(5.0)	ND(5.0)	ND(5.0)	9.7	3150	1760	137
MW-14D									
	11/25/2008	85.08	ND(0.1601)	ND(0.1959)	25.19	110.27	1099	1010	140
	2/20/2009	5.28	ND(0.1601)	ND(0.1959)	2.23	7.51	469	264	93 I
	5/7/2009	2.68	0.68 I	ND(0.1959)	0.86	4.22	86.81	31.0	ND(25)
	9/23/2009	21.9	ND(0.247)	ND(0.196)	2.59	24.49	419	145	ND(36)
	12/7/2009	5.35	ND(1.24)	ND(0.98)	ND(3.48)	5.35	424	205	77 I
	3/11/2010	0.66	ND(0.494)	ND(0.392)	ND(1.391)	0.66	329	116	44.0
	5/17/2010	3.04	ND(0.247)	ND(0.196)	ND(0.696)	3.04	428	637	ND(36)
	9/27/2010	33.7	ND(0.201)	ND(0.21)	3.75	37.45	764	559	60 I
	12/3/2010	46.5	ND(2.01)	ND(2.1)	6.01	52.51	1090	1090	97 I
	2/18/2011	79.6	ND(5.0)	ND(5.0)	16.2	95.8	1720	2060	134
	5/17/2011	50.1	ND(5.0)	ND(5.0)	13.8	63.9	2250	1570	112
	8/11/2011	7.1	ND(1.0)	ND(1.0)	0.32 J	7.42	566	449	ND(100)
MW-14S									
	11/25/2008	32.19	ND(0.1601)	ND(0.1959)	10.17	42.36	6667	3000	150
	2/20/2009	6.96	ND(0.1601)	ND(0.1959)	2.76	9.72	3583	2060	66 I
	5/7/2009	0.84 I	0.77 I	ND(0.1959)	0.57	2.18	2026	610	ND(25)
	9/23/2009	4.74	0.51 I	ND(0.196)	1.49	6.74	2180	825	ND(36)
	12/7/2009	3.2 I	ND(2.47)	ND(1.96)	ND(6.96)	3.2	2280	1090	ND(36)
	3/11/2010	ND(2.11)	ND(2.47)	ND(1.96)	ND(6.96)	ND(13.5)	1670	812	ND(36)
	5/17/2010	0.72 I	ND(0.247)	ND(0.196)	ND(0.696)	0.72	618	255	39.0 I

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MW-14S									
	9/27/2010	26.7	ND(0.201)	ND(0.21)	7.05	33.75	6710	5320	60 I
	12/3/2010	8.43 I	ND(5.03)	ND(5.25)	ND(16.9)	8.43	4840	2980	ND(40)
	2/18/2011	8.4	ND(5.0)	ND(5.0)	2.5 J	10.9	3300	3190	ND(110)
	5/17/2011	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(4.0)	651	658	ND(100)
	8/11/2011	8.2	ND(5.0)	ND(5.0)	3.3 J	11.5	2920	1540	ND(100)
MW-15D									
	11/25/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	360.6	316	15.0
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	57.87	ND(25)	63 I
	5/7/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	236.6	ND(25)	52.0
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	0.34	0.34	378	52.0 I	ND(36)
	12/7/2009	ND(1.05)	ND(1.24)	ND(0.98)	ND(3.48)	ND(6.75)	298	96 I	66 I
	3/11/2010	ND(1.05)	ND(1.24)	ND(0.98)	ND(3.48)	ND(6.75)	708	275	38.0
	5/17/2010	ND(2.11)	ND(2.47)	ND(1.96)	ND(6.96)	ND(13.5)	588	406	ND(36)
	9/27/2010	0.283 I	ND(0.201)	ND(0.21)	ND(0.676)	0.283	768	596	60 I
	12/3/2010	ND(2.49)	ND(2.01)	ND(2.1)	ND(6.76)	ND(13.36)	685	569	ND(40)
	2/17/2011	2.7	ND(1.0)	ND(1.0)	ND(1.0)	2.7	529	584	ND(110)
	6/3/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	654	613	ND(100)
	8/11/2011	1.3	ND(1.0)	ND(1.0)	ND(1.0)	1.3	513	327	ND(100)
MW-15S									
	11/25/2008	62.88	ND(0.1601)	ND(0.1959)	17.69	80.57	8463	3650	165
	2/20/2009	44.57	ND(0.1601)	ND(0.1959)	12.42	56.99	7870	1950	140
	5/7/2009	14.88	0.76 I	ND(0.1959)	4.54	20.18	3296	1160	53.0
	9/23/2009	13.5	0.33 I	ND(0.196)	3.7	17.53	5780	2250	44.0 I
	12/7/2009	24.0 I	ND(12.4)	ND(9.8)	ND(34.8)	24.0	6510	2920	102 I
	3/11/2010	26.5	ND(12.4)	ND(9.8)	ND(34.8)	26.5	7150	6540	69
	5/17/2010	26.1	ND(0.247)	ND(0.196)	7.57	33.67	8600	7140	84 I
	9/27/2010	28.7	ND(0.201)	ND(0.21)	9.42	38.12	8460	6380	60 I
	12/3/2010	13.4 I	ND(10.1)	ND(10.5)	ND(33.9)	13.4	6780	5200	68 I
	2/17/2011	11.8	ND(10)	ND(10)	3.8 J	15.6	4410	4560	ND(100)
	6/3/2011	6.1	ND(5.0)	ND(5.0)	2.0 J	8.1	2750	2690	ND(100)
	8/11/2011	14.3 J	ND(20)	ND(20)	ND(20)	14.3	5140	2630	122
MW-16D									
	5/7/2009	ND(0.2105)	1.42	ND(0.1959)	ND(0.6946)	1.42	431.6	128	ND(25)
	9/23/2009	1.4 I	ND(1.24)	ND(0.98)	1.9	3.3	393	74 I	ND(36)
	12/7/2009	ND(0.526)	ND(0.618)	ND(0.49)	ND(1.739)	ND(3.373)	267	87 I	413 I
	3/11/2010	ND(0.526)	ND(0.618)	ND(0.49)	ND(1.739)	ND(3.373)	472	234	36.0
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	369	229	ND(36)
	9/27/2010	78.9	ND(0.201)	ND(0.21)	12.0	90.9	3060	2610	60 I
	12/3/2010	ND(1.25)	ND(1.01)	ND(1.05)	ND(3.39)	ND(6.7)	465	366	ND(40)
	2/18/2011	2.1	ND(1.0)	ND(1.0)	ND(1.0)	2.1	182	ND(200)	ND(100)
	5/17/2011	2.3	ND(1.0)	ND(1.0)	0.4 J	2.7	431	500	ND(100)

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MW-16D									
	8/11/2011	0.7 J	ND(1.0)	ND(1.0)	0.24 J	0.94	503	305	ND(100)
MW-16S									
	5/7/2009	87.87	1.57	ND(0.1959)	29.23	118.67	1269	683	100
	9/23/2009	133	0.46 I	ND(0.196)	39.8	173.26	3390	1290	279 I
	12/7/2009	81	ND(12.4)	ND(9.8)	19.5	100.5	2190	1430	146 I
	3/11/2010	35.2	ND(4.94)	ND(3.92)	8.2	43.4	3110	1810	126
	5/17/2010	38.3	ND(0.247)	ND(0.196)	9.94	48.24	1720	1510	77 I
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	507	359	60 I
	12/3/2010	71.8	ND(5.03)	ND(5.25)	16.8	88.6	3240	2900	211 I
	2/18/2011	48.8	ND(5.0)	ND(5.0)	9.1	57.9	2750	2800	157
	5/17/2011	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(4.0)	597	633	ND(100)
	8/11/2011	28.8	ND(5.0)	ND(5.0)	8.3	37.1	4410	2200	149
MW-17D									
	5/7/2009	0.52 I	1.91	ND(0.1959)	ND(0.6946)	2.43	103.4	ND(25)	26.0
	9/23/2009	0.84 I	ND(0.247)	ND(0.196)	ND(0.696)	0.84	50.9	15.0 I	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	48.5	30.0 I	82 I
	3/11/2010	0.89	ND(0.247)	ND(0.196)	ND(0.696)	0.89	141	64	65
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	196	110	85 I
	9/27/2010	12.6	ND(0.201)	ND(0.21)	0.631	13.231	540	451	60 I
	12/3/2010	8.09	ND(1.01)	ND(1.05)	ND(3.39)	8.09	390	313	ND(40)
	2/17/2011	12.5	ND(1.0)	ND(1.0)	0.79 J	13.29	290	380	ND(110)
	6/3/2011	17.0	ND(1.0)	ND(1.0)	0.31 J	17.31	519	574	ND(100)
	8/12/2011	0.64 J	ND(1.0)	ND(1.0)	ND(1.0)	0.64	161	216	ND(100)
MW-17S									
	5/7/2009	24.95	0.83 I	ND(0.1959)	6.2	31.98	971.3	380	ND(25)
	9/23/2009	40.3	ND(2.47)	ND(1.96)	6.9	47.2	967	397	37.0 I
	12/7/2009	38.1	ND(2.47)	ND(1.96)	5.9	44.0	1020	495	100 I
	3/11/2010	25.8	ND(1.24)	ND(0.98)	3.3	29.1	742	463	44.0
	5/17/2010	7.27	ND(0.247)	ND(0.196)	0.84	8.11	341	244	ND(36)
	9/27/2010	49.2	ND(0.201)	ND(0.21)	0.829	50.029	971	881	60 I
	12/3/2010	54.3	ND(2.01)	ND(2.1)	4.42	58.72	1290	1190	67 I
	2/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	35.6	ND(200)	ND(100)
	6/3/2011	21.5	ND(1.0)	ND(1.0)	0.79 J	22.29	798	810	ND(100)
	8/11/2011	32.6	ND(2.0)	ND(2.0)	3.2	35.8	1110	736	ND(100)
MW-17W									
	5/7/2009	1.06	2.38	ND(0.1959)	0.77	4.21	67.23	ND(25)	ND(25)
	9/23/2009	0.55 I	0.63 I	ND(0.196)	ND(0.696)	1.18	46.8	23.0 I	74 I
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	41.9	27.0 I	128 I
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	30.3	34.0	42.0
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	3.05	ND(25)	ND(36)
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	50.6	72 I	ND(36)

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Summary of Groundwater Analytical Results
137675

	Sample Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*Total BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
MW-17W									
	12/3/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	92.1	75 I	46.0 I
	2/17/2011	59.8	ND(1.0)	ND(1.0)	7.8	67.6	1080	1230	ND(100)
	6/3/2011	1.4	ND(1.0)	ND(1.0)	ND(1.0)	1.4	49.4	ND(200)	ND(100)
	8/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	61.2	ND(200)	ND(100)
MW-18									
	5/7/2009	ND(0.2105)	1.73	ND(0.1959)	0.95	2.68	800.8	219	110
	8/24/2009	0.47 I	ND(0.247)	ND(0.196)	2.88	3.35	1070	NS	NS
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	733	164	ND(36)
	12/7/2009	ND(2.11)	2.97 I	ND(1.96)	ND(6.96)	2.97	836	485	ND(36)
	3/11/2010	ND(1.05)	ND(1.24)	ND(0.98)	ND(3.48)	ND(6.75)	769	429	45.0
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	0.57	0.57	1020	748	ND(36)
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	94.4	112	ND(36)
	12/6/2010	2.02 I	ND(1.01)	ND(1.05)	ND(3.39)	2.02	282	231	ND(40)
	2/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	762	828	ND(110)
	5/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	711	769	ND(100)
	8/12/2011	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(8.0)	1500	1590	ND(100)
MW-24D									
	12/6/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	36.9	55.0 I	56.0 I
	2/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	13.8	ND(200)	ND(100)
	5/17/2011	NS	NS	NS	NS	NS	NS	NS	178
	6/3/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	10.3	ND(200)	NS
	8/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	13.8	ND(200)	ND(100)
MW-24S									
	12/6/2010	1.83 I	ND(1.01)	ND(1.05)	ND(3.39)	1.83	261	278	ND(36)
	2/18/2011	3.8	ND(1.0)	ND(1.0)	0.55 J	4.35	266	340	ND(100)
	5/17/2011	NS	NS	NS	NS	NS	NS	NS	179
	6/3/2011	3.8	ND(1.0)	ND(1.0)	1.1	4.9	326	351	NS
	8/11/2011	5.5	ND(1.0)	ND(1.0)	0.6 J	6.1	352	252	ND(110)
MW-25D									
	12/6/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	102	120	404 I
	2/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	119	ND(200)	ND(110)
	5/17/2011	NS	NS	NS	NS	NS	NS	NS	140
	6/3/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	117	ND(200)	NS
	8/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	81.1	ND(200)	ND(100)
MW-25S									
	12/6/2010	4.0 I	ND(1.01)	ND(1.05)	ND(3.39)	4.0	291	285	ND(36)
	2/17/2011	1.1	ND(1.0)	ND(1.0)	ND(1.0)	1.1	170	221	ND(100)
	5/17/2011	NS	NS	NS	NS	NS	NS	NS	ND(100)
	6/3/2011	0.86 J	ND(1.0)	ND(1.0)	ND(1.0)	0.86	98.1	ND(200)	NS
	8/11/2011	0.89 J	ND(1.0)	ND(1.0)	ND(1.0)	0.89	86.1	ND(200)	ND(100)

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MW-26D									
	12/6/2010	ND(2.49)	ND(2.01)	ND(2.1)	ND(6.76)	ND(13.36)	1260	2090	45.0 I
	1/11/2011	NS	NS	NS	NS	NS	1490	NS	NS
	2/17/2011	2.3	ND(1.0)	ND(1.0)	0.81 J	3.11	1630	1770	ND(100)
	3/7/2011	NS	NS	NS	NS	NS	1560	NS	NS
	4/18/2011	NS	NS	NS	NS	NS	1940	NS	NS
	5/17/2011	NS	NS	NS	NS	NS	NS	NS	ND(110)
	6/3/2011	2.8	ND(2.0)	ND(2.0)	0.7 J	3.5	1860	1250	NS
	7/20/2011	NS	NS	NS	NS	NS	1800	NS	NS
	8/11/2011	1.8 J	ND(5.0)	ND(5.0)	ND(5.0)	1.8	1890	1020	ND(100)
MW-26S									
	12/6/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	96.7	96 I	39.0 I
	1/11/2011	NS	NS	NS	NS	NS	31.4	NS	NS
	2/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	267	322	ND(100)
	3/7/2011	NS	NS	NS	NS	NS	210	NS	NS
	4/18/2011	NS	NS	NS	NS	NS	22.3	NS	NS
	5/17/2011	NS	NS	NS	NS	NS	NS	NS	180
	6/3/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	40.1	ND(200)	NS
	7/20/2011	NS	NS	NS	NS	NS	183	NS	NS
	8/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	104	ND(200)	ND(110)
RW-01									
	1/6/2004	17.4	2.6	3.3	38.9	62.2	156	1000	469
	4/5/2004	65.1	1.5	5.1	13.0	84.7	116	1370	275
	7/1/2004	102	1.8	6.5	12.3	122.6	69.3	8450	417
	10/5/2004	24.2	25.1	8.6	112	169.9	1990	845	ND
	1/3/2005	2.4	8.4	4.7	65.7	81.2	9.2	498	170
	4/13/2005	6.5	20.6	23.4	127	177.5	10.1	2030	339
	8/17/2005	1.2	2.3	2.0	43.8	49.3	8.7	335	189
	11/17/2005	ND	0.59	ND	5.0	5.59	5.4	ND	ND
	3/30/2006	1.7	5.5	4.02	48.0	59.22	8.43	205	191
	6/29/2006	4.8	3.8	7.74	44.4	60.74	101	247	106
	9/28/2006	5.27	5.18	5.68	49.4	65.53	6.44	299	227
	12/19/2006	1.22	2.13	2.26	13.0	18.61	7.62	197	ND(101)
	3/6/2007	1.7	4.6	6.9	39.0	52.2	10.4	193	700
	6/22/2007	3.48	ND(1)	ND(1)	8.49	11.97	76.1	ND(100)	ND(111)
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	7.93	ND(100)	ND(100)
	12/5/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	6.64	124	ND(105)
	3/25/2008	ND(5)	ND(5)	ND(5)	6.4	6.4	6.8	ND(100)	ND(50)
	6/24/2008	2.0	ND(1)	ND(1)	16.8	18.8	8.6	170	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(20)	140 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	8.83	36.0 I	ND(13)
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	8.73	ND(25)	31.0 I

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RW-01									
	5/7/2009	3.36	4.04	3.73	37.66	48.79	ND(0.2562)	226	120
	9/23/2009	0.23 I	ND(0.247)	0.36 I	1.1	1.69	5.56	56.0 I	ND(36)
	12/7/2009	3.0	2.89	9.13	65	80.02	5.85	332	58.0 I
	3/11/2010	6.22	5.37	13.2	140.3	165.09	7.13	607	230
	5/17/2010	8.92	2.77	9.24	88.9	109.83	6.51	540	153 I
	9/27/2010	1.64	2.07	2.28	16.72	22.71	5.22	93 I	90 I
	12/2/2010	2.45	3.13	14.9	61.5	81.98	5.2	328	192 I
	2/18/2011	0.74 J	0.54 J	1.8	9.3	12.38	3.1	ND(200)	ND(110)
	5/20/2011	2.4	1.5	3.9	46.9	54.7	3.5	235	ND(100)
	8/10/2011	0.84 J	0.28 J	1.2	3.5	5.82	3.1	ND(200)	ND(100)
RW-03									
	1/6/2004	ND(22)	191	ND(13)	ND(18)	191	67600	81200	312
	4/5/2004	ND	ND	ND	ND	ND	125000	145000	ND
	7/8/2004	110	158	ND(200)	ND(200)	268	123000	141000	895
	10/5/2004	39.7	10.4	ND	41.4	91.5	18100	15200	ND
	1/3/2005	40.1	4.7	ND	6.7	51.5	21800	18800	159
	4/13/2005	83.8	152	6.0	53.6	295.4	11200	20500	1280
	8/17/2005	40.1	ND	ND	10.2	50.3	17500	18800	190
	11/17/2005	10.3	ND	ND	ND	10.3	14000	9090	ND
	3/30/2006	12.2	7.75	9.64	68.4	97.99	90.2	237	204
	6/29/2006	1.9	ND	ND	ND	1.9	420	495	109
	9/29/2006	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	27.5	ND(100)	611
	12/19/2006	1.99	ND(1)	ND(1)	ND(3)	1.99	122	180	189
	3/6/2007	4.4	ND(2)	ND(2)	ND(6)	4.4	156	154	230
	6/22/2007	4.56	ND(1)	ND(1)	4.92	9.48	105	ND(100)	179
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	7.96	ND(100)	ND(105)
	12/5/2007	5.22	ND(1)	ND(1)	ND(3)	5.22	62.4	154	ND(105)
	3/25/2008	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	72	140	ND(50)
	6/24/2008	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	71	150	140
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	54.0	110	190 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	75.42	187	86
	2/20/2009	0.7867 I	0.5624 I	ND(0.1959)	0.5052	1.8543	51.54	85	97 I
	5/7/2009	ND(0.2105)	0.95 I	ND(0.1959)	ND(0.6946)	0.95	34.43	50.0	100
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	14.4	100	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	17.7	49.0 I	ND(36)
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	3.05	30.0	ND(36)
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	2.08	27.0 I	45.0 I
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	8.66	ND(25)	ND(36)
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	6.91	29.0 I	ND(36)
	2/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	7.0	ND(200)	ND(110)
	5/20/2011	1.1	0.71 J	1.6	20.7	24.11	3.5	ND(200)	ND(100)

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RW-03									
	8/10/2011	0.62 J	0.18 J	0.96 J	2.7	4.46	2.8	ND(200)	ND(100)
RW-10									
	4/5/2004	354	153	208	183	898	43500	64100	ND
	7/1/2004	784	86.9	858	363	2091.9	34200	85500	2280
	10/5/2004	675	74.5	45.6	301	1096.1	34600	6990	605
	1/3/2005	139	20.6	16.9	155	331.5	8850	9450	826
	4/13/2005	490	295	73.6	527	1385.6	45800	40100	462
	8/17/2005	442	58.4	ND	415	915.4	36800	70800	589
	11/17/2005	114	ND	17.2	147	278.2	20700	39500	631
	3/30/2006	64.8	18.6	40.4	129	252.8	1110	2150	707
	6/29/2006	139	8.8	101	207	455.8	152	2390	896
	9/29/2006	175	4.74	126	153	458.74	35.8	812	927
	3/6/2007	36.0	6.4	15.0	56.0	113.4	190	557	1200
	6/22/2007	3.67	1.41	1.46	13.2	19.74	59.7	ND(100)	183
	9/25/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	7.81	ND(100)	ND(100)
	12/5/2007	1.79	ND(1)	ND(1)	ND(3)	1.79	23.9	126	ND(105)
	3/25/2008	46.0	ND(5)	ND(5)	ND(5)	46.0	100	380	380
	6/24/2008	110	3.8	20.0	70	203.8	160	1100	1600
	9/15/2008	4.3	ND(0.14)	ND(0.19)	ND(0.71)	4.3	90	170	440
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(25)	20.0 I
	2/20/2009	4.454	0.5923 I	ND(0.1959)	1.61	6.6563	74.32	150	980
	5/7/2009	13.93	0.94 I	2.71	6.38	23.96	82.5	185	150
	9/23/2009	33.0	1.62	8.57	50.4	93.59	66.6	332	230 I
	12/7/2009	35.7	1.77	21.7	98.6	157.77	46.7	633	502 I
	3/11/2010	39.9	0.93	2.12	24.5	67.45	33.6	294	292
	5/17/2010	30.5	0.51 I	1.19	6.85	39.05	41.1	192	156 I
	9/27/2010	7.81	0.236 I	4.07	11.17	23.286	16.9	109	253 I
	12/2/2010	29.9	0.91 I	6.58	46.1	83.49	27.7	339	443 I
	2/18/2011	5.7	0.31 J	4.3	11.3	21.61	17.4	ND(200)	338
	5/20/2011	36.7	1.1	9.9	32.0	79.7	25.9	210	332
	8/10/2011	0.56 J	ND(1.0)	0.65 J	2.3	3.51	2.9	ND(200)	ND(100)
RW-19									
	9/27/2010	2.82	ND(0.201)	ND(0.21)	1.4	4.22	294	228	ND(36)
	12/6/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	66.7	59.0 I	111 I
	2/17/2011	0.61 J	ND(1.0)	ND(1.0)	0.5 J	1.11	538	690	ND(120)
	5/20/2011	3.0	ND(1.0)	ND(1.0)	1.1	4.1	620	426	ND(100)
	8/9/2011	3.0	ND(1.0)	ND(1.0)	0.67 J	3.67	703	827	ND(100)
RW-20									
	12/6/2010	ND(12.5)	ND(10.1)	ND(10.5)	ND(33.9)	ND(67)	5430	3400	406 I
	2/17/2011	14.3	ND(1.0)	ND(1.0)	1.4	15.7	3210	3510	170
	5/20/2011	5.5	ND(5.0)	ND(5.0)	ND(5.0)	5.5	1630	1100	ND(100)

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RW-20									
	8/9/2011	5.3	ND(5.0)	ND(5.0)	ND(5.0)	5.3	1840	1820	ND(100)
RW-21									
	12/6/2010	ND(4.99)	ND(4.03)	ND(4.2)	ND(13.53)	ND(26.75)	1420	1030	40.0 I
	2/17/2011	12.0	ND(1.0)	ND(1.0)	ND(1.0)	12.0	867	926	ND(110)
	5/20/2011	4.7	ND(1.0)	ND(1.0)	0.29 J	4.99	559	420	ND(100)
	8/9/2011	3.9	ND(1.0)	ND(1.0)	ND(1.0)	3.9	674	840	ND(100)
RW-22									
	9/27/2010	25.7	ND(0.201)	ND(0.21)	10.5	36.2	12900	9790	140 I
	12/6/2010	19.5	ND(0.201)	ND(0.21)	3.2	22.7	9810	9710	136 I
	2/17/2011	4.9 J	ND(10)	ND(10)	ND(10)	4.9	5630	5890	ND(110)
	5/20/2011	4.3 J	ND(5.0)	ND(5.0)	1.1 J	5.4	5920	3270	129
	8/9/2011	5.3 J	ND(10)	ND(10)	ND(10)	5.3	5090	4640	ND(100)
RW-23									
	12/6/2010	12.7 I	ND(4.03)	ND(4.2)	ND(13.53)	12.7	1520	1540	384 I
	2/17/2011	22.9	ND(5.0)	ND(5.0)	5.2	28.1	2010	2130	328
	5/20/2011	15.2	ND(10)	ND(10)	3.4 J	18.6	2300	1760	149
	8/9/2011	17.4	ND(5.0)	ND(5.0)	1.0 J	18.4	1460	1700	146
TF-01									
	1/6/2004	30.2	60.3	0.34	27.9	118.74	20800	30500	369
	4/5/2004	ND	ND	ND	ND	ND	45200	ND	ND
	10/5/2004	ND	ND	ND	ND	ND	54800	67100	ND
	1/3/2005	ND	45.1	ND	ND	45.1	54900	43500	319
	4/13/2005	265	370	5.7	227	867.7	33600	49000	264
	8/17/2005	56.5	24.8	ND	282	363.3	93500	139000	233
	11/17/2005	1.1	ND	ND	3.1	4.2	1580	2730	577
	3/30/2006	ND	ND	ND	ND	ND	287	229	NS
	6/29/2006	ND	ND	ND	ND	ND	ND	ND	295
	1/18/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	1.36	ND(100)	292
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.33	115	37.0
	5/17/2010	0.46 I	ND(0.247)	ND(0.196)	ND(0.696)	0.46	0.56 I	ND(25)	39.0 I
TF-02									
	4/5/2004	ND	ND	ND	ND	ND	62900	ND	ND
	10/5/2004	ND	ND	ND	ND	ND	148000	194000	401
	1/3/2005	37.8	87.4	ND	40.9	166.1	87800	67600	2010
	4/13/2005	481	671	ND	372	1524	85900	144000	536
	8/17/2005	127	ND	ND	251	378	129000	226000	296
	11/17/2005	ND	ND	ND	ND	ND	5130	5360	1910
	3/30/2006	ND	ND	ND	ND	ND	226	234	NS
	6/29/2006	ND	ND	ND	ND	ND	59.7	ND	861
	1/18/2007	ND(1)	ND(1)	ND(1)	ND(3)	ND(6)	49.8	ND(100)	1310
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	1.76 I	42.0 I	1260

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes
MTBE - Methyl tert-Butyl Ether
TPH-GRO - Total Petroleum Hydrocarbons Gasoline Range Organics
TPH-DRO - Total Petroleum Hydrocarbons Diesel Range Organics

(µg/L) - micrograms per Liter

ND - Not Detected (Reporting Limit Not Available)
ND (100) - Not Detected (Reporting Limit)
NS - Not Sampled
I - Results between Reporting Limit and Method Detection Limit
J - Estimated Value

Table 2
Summary of Groundwater Analytical Results
137675

	Sample Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*Total BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
TF-02									
	3/11/2010	22.1	23.0	2.24	27.4	74.74	6.64	180	76
	5/17/2010	0.28 I	ND(0.247)	ND(0.196)	0.33	0.61	0.9 I	ND(25)	48.0 I

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes
MTBE - Methyl tert-Butyl Ether
TPH-GRO - Total Petroleum Hydrocarbons Gasoline Range Organics
TPH-DRO - Total Petroleum Hydrocarbons Diesel Range Organics

(µg/L) - micrograms per Liter

ND - Not Detected (Reporting Limit Not Available)
ND (100) - Not Detected (Reporting Limit)
NS - Not Sampled
I - Results between Reporting Limit and Method Detection Limit
J - Estimated Value

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
600 BRYANTS NURSERY					
8/11/2011					
	Total Petroleum Hydrocarbons				
	GRO as Gasoline	ND	U	0.2	mg/L
	Diesel	ND	U	0.1	mg/L
	Volatile Organic Compounds				
	Hexane	ND	U	0.5	ug/L
	m,p-Xylene	ND	U	1	ug/L
	o-Chlorotoluene	ND	U	0.5	ug/L
	o-Xylene	ND	U	0.5	ug/L
	Benzene	ND	U	0.5	ug/L
	Toluene	ND	U	0.5	ug/L
	Ethylbenzene	ND	U	0.5	ug/L
	Xylenes, total	ND	U	0.5	ug/L
	Total BTEX	ND		2	ug/L
	Methyl tert-Butyl Ether	ND	U	0.5	ug/L
	Naphthalene	ND	U	0.5	ug/L
	Tertiary Butyl Alcohol	ND	U	5	ug/L
	Tert-Amyl Methyl Ether	ND	U	0.5	ug/L
	Diisopropyl Ether	ND	U	0.5	ug/L
	Ethyl tert-Butyl Ether	ND	U	0.5	ug/L
	1,1,1,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,1-Trichloroethane	ND	U	0.5	ug/L
	1,1,2,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,2-Trichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethene	ND	U	0.5	ug/L
	1,1-Dichloropropene	ND	U	0.5	ug/L
	1,2,3-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,3-Trichloropropane	ND	U	0.5	ug/L
	1,2,4-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,4-Trimethylbenzene	ND	U	0.5	ug/L
	1,2-Dibromo-3-chloropropane	ND	U	1	ug/L
	1,2-Dibromoethane (EDB)	ND	U	0.5	ug/L
	1,2-Dichlorobenzene	ND	U	0.5	ug/L
	1,2-Dichloroethane	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
600 BRYANTS NURSERY					
8/11/2011					
	1,2-Dichloropropane	ND	U	0.5	ug/L
	1,3,5-Trimethylbenzene	ND	U	0.5	ug/L
	1,3-Dichlorobenzene	ND	U	0.5	ug/L
	1,3-Dichloropropane	ND	U	0.5	ug/L
	1,4-Dichlorobenzene	ND	U	0.5	ug/L
	2,2-Dichloropropane	ND	U	0.5	ug/L
	2-Butanone	ND	U	5	ug/L
	2-Hexanone	ND	U	2	ug/L
	4-Chlorotoluene	ND	U	0.5	ug/L
	4-Methyl-2-pentanone	ND	U	2	ug/L
	Acetone	ND	U	5	ug/L
	Bromobenzene	ND	U	0.5	ug/L
	Bromochloromethane	ND	U	0.5	ug/L
	Bromodichloromethane	ND	U	0.5	ug/L
	Bromoform	ND	U	0.5	ug/L
	Bromomethane	ND	U	0.5	ug/L
	Carbon disulfide	ND	U	0.5	ug/L
	Carbon Tetrachloride	ND	U	0.5	ug/L
	Chlorobenzene	ND	U	0.5	ug/L
	Chlorodibromomethane	ND	U	0.5	ug/L
	Chloroethane	ND	U	0.5	ug/L
	Chloroform	ND	U	0.5	ug/L
	Chloromethane	ND	U	0.5	ug/L
	cis-1,2-Dichloroethene	ND	U	0.5	ug/L
	cis-1,3-Dichloropropene	ND	U	0.5	ug/L
	Dibromomethane	ND	U	0.5	ug/L
	Dichlorodifluoromethane	ND	U	1	ug/L
	Hexachlorobutadiene	ND	U	2	ug/L
	Isopropylbenzene	ND	U	0.5	ug/L
	Methylene Chloride	ND	U	0.5	ug/L
	n-Butylbenzene	ND	U	0.5	ug/L
	n-Propylbenzene	ND	U	0.5	ug/L
	p-Isopropyltoluene	ND	U	0.5	ug/L
	sec-Butylbenzene	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
600 BRYANTS NURSERY					
8/11/2011					
	Styrene	0.097	J	0.5	ug/L
	tert-Butylbenzene	ND	U	0.5	ug/L
	Tetrachloroethene	ND	U	0.5	ug/L
	trans-1,2-Dichloroethene	ND	U	0.5	ug/L
	trans-1,3-Dichloropropene	ND	U	0.5	ug/L
	Trichloroethene	ND	U	0.5	ug/L
	Trichlorofluoromethane	ND	U	1	ug/L
	Vinyl Chloride	ND	U	0.5	ug/L
601 BRYANTS NURSERY					
8/10/2011					
Total Petroleum Hydrocarbons					
	GRO as Gasoline	ND	U	0.2	mg/L
	Diesel	ND	U	0.1	mg/L
Volatile Organic Compounds					
	Hexane	ND	U	0.5	ug/L
	m,p-Xylene	ND	U	1	ug/L
	o-Chlorotoluene	ND	U	0.5	ug/L
	o-Xylene	ND	U	0.5	ug/L
	Benzene	ND	U	0.5	ug/L
	Toluene	ND	U	0.5	ug/L
	Ethylbenzene	ND	U	0.5	ug/L
	Xylenes, total	ND	U	0.5	ug/L
	Total BTEX	ND		2	ug/L
	Methyl tert-Butyl Ether	ND	U	0.5	ug/L
	Naphthalene	ND	U	0.5	ug/L
	Tertiary Butyl Alcohol	ND	U	5	ug/L
	Tert-Amyl Methyl Ether	ND	U	0.5	ug/L
	Diisopropyl Ether	ND	U	0.5	ug/L
	Ethyl tert-Butyl Ether	ND	U	0.5	ug/L
	1,1,1,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,1-Trichloroethane	ND	U	0.5	ug/L
	1,1,2,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,2-Trichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethane	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
	WATER SAMPLES				
601 BRYANTS NURSERY					
8/10/2011					
	1,1-Dichloroethene	ND	U	0.5	ug/L
	1,1-Dichloropropene	ND	U	0.5	ug/L
	1,2,3-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,3-Trichloropropane	ND	U	0.5	ug/L
	1,2,4-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,4-Trimethylbenzene	ND	U	0.5	ug/L
	1,2-Dibromo-3-chloropropane	ND	U	1	ug/L
	1,2-Dibromoethane (EDB)	ND	U	0.5	ug/L
	1,2-Dichlorobenzene	ND	U	0.5	ug/L
	1,2-Dichloroethane	ND	U	0.5	ug/L
	1,2-Dichloropropane	ND	U	0.5	ug/L
	1,3,5-Trimethylbenzene	ND	U	0.5	ug/L
	1,3-Dichlorobenzene	ND	U	0.5	ug/L
	1,3-Dichloropropane	ND	U	0.5	ug/L
	1,4-Dichlorobenzene	ND	U	0.5	ug/L
	2,2-Dichloropropane	ND	U	0.5	ug/L
	2-Butanone	ND	U	5	ug/L
	2-Hexanone	ND	U	2	ug/L
	4-Chlorotoluene	ND	U	0.5	ug/L
	4-Methyl-2-pentanone	ND	U	2	ug/L
	Acetone	ND	U	5	ug/L
	Bromobenzene	ND	U	0.5	ug/L
	Bromochloromethane	ND	U	0.5	ug/L
	Bromodichloromethane	ND	U	0.5	ug/L
	Bromoform	ND	U	0.5	ug/L
	Bromomethane	ND	U	0.5	ug/L
	Carbon disulfide	ND	U	0.5	ug/L
	Carbon Tetrachloride	ND	U	0.5	ug/L
	Chlorobenzene	ND	U	0.5	ug/L
	Chlorodibromomethane	ND	U	0.5	ug/L
	Chloroethane	ND	U	0.5	ug/L
	Chloroform	ND	U	0.5	ug/L
	Chloromethane	ND	U	0.5	ug/L
	cis-1,2-Dichloroethene	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
601 BRYANTS NURSERY					
8/10/2011					
	cis-1,3-Dichloropropene	ND	U	0.5	ug/L
	Dibromomethane	ND	U	0.5	ug/L
	Dichlorodifluoromethane	ND	U	1	ug/L
	Hexachlorobutadiene	ND	U	2	ug/L
	Isopropylbenzene	ND	U	0.5	ug/L
	Methylene Chloride	ND	U	0.5	ug/L
	n-Butylbenzene	ND	U	0.5	ug/L
	n-Propylbenzene	ND	U	0.5	ug/L
	p-Isopropyltoluene	ND	U	0.5	ug/L
	sec-Butylbenzene	ND	U	0.5	ug/L
	Styrene	ND	U	0.5	ug/L
	tert-Butylbenzene	ND	U	0.5	ug/L
	Tetrachloroethene	ND	U	0.5	ug/L
	trans-1,2-Dichloroethene	ND	U	0.5	ug/L
	trans-1,3-Dichloropropene	ND	U	0.5	ug/L
	Trichloroethene	ND	U	0.5	ug/L
	Trichlorofluoromethane	ND	U	1	ug/L
	Vinyl Chloride	ND	U	0.5	ug/L
610 BRYANTS NURSERY					
8/11/2011					
	Total Petroleum Hydrocarbons				
	GRO as Gasoline	ND	U	0.2	mg/L
	Diesel	ND	U	0.1	mg/L
	Volatile Organic Compounds				
	Hexane	ND	U	0.5	ug/L
	m,p-Xylene	ND	U	1	ug/L
	o-Chlorotoluene	ND	U	0.5	ug/L
	o-Xylene	ND	U	0.5	ug/L
	Benzene	ND	U	0.5	ug/L
	Toluene	ND	U	0.5	ug/L
	Ethylbenzene	ND	U	0.5	ug/L
	Xylenes, total	ND	U	0.5	ug/L
	Total BTEX	ND		2	ug/L
	Methyl tert-Butyl Ether	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
610 BRYANTS NURSERY					
8/11/2011					
	Naphthalene	ND	U	0.5	ug/L
	Tertiary Butyl Alcohol	ND	U	5	ug/L
	Tert-Amyl Methyl Ether	ND	U	0.5	ug/L
	Diisopropyl Ether	ND	U	0.5	ug/L
	Ethyl tert-Butyl Ether	ND	U	0.5	ug/L
	1,1,1,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,1-Trichloroethane	ND	U	0.5	ug/L
	1,1,2,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,2-Trichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethene	ND	U	0.5	ug/L
	1,1-Dichloropropene	ND	U	0.5	ug/L
	1,2,3-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,3-Trichloropropane	ND	U	0.5	ug/L
	1,2,4-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,4-Trimethylbenzene	ND	U	0.5	ug/L
	1,2-Dibromo-3-chloropropane	ND	U	1	ug/L
	1,2-Dibromoethane (EDB)	ND	U	0.5	ug/L
	1,2-Dichlorobenzene	ND	U	0.5	ug/L
	1,2-Dichloroethane	0.16	J	0.5	ug/L
	1,2-Dichloropropane	ND	U	0.5	ug/L
	1,3,5-Trimethylbenzene	ND	U	0.5	ug/L
	1,3-Dichlorobenzene	ND	U	0.5	ug/L
	1,3-Dichloropropane	ND	U	0.5	ug/L
	1,4-Dichlorobenzene	ND	U	0.5	ug/L
	2,2-Dichloropropane	ND	U	0.5	ug/L
	2-Butanone	ND	U	5	ug/L
	2-Hexanone	ND	U	2	ug/L
	4-Chlorotoluene	ND	U	0.5	ug/L
	4-Methyl-2-pentanone	ND	U	2	ug/L
	Acetone	ND	U	5	ug/L
	Bromobenzene	ND	U	0.5	ug/L
	Bromochloromethane	ND	U	0.5	ug/L
	Bromodichloromethane	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
610 BRYANTS NURSERY					
8/11/2011					
	Bromoform	ND	U	0.5	ug/L
	Bromomethane	ND	U	0.5	ug/L
	Carbon disulfide	ND	U	0.5	ug/L
	Carbon Tetrachloride	ND	U	0.5	ug/L
	Chlorobenzene	ND	U	0.5	ug/L
	Chlorodibromomethane	ND	U	0.5	ug/L
	Chloroethane	ND	U	0.5	ug/L
	Chloroform	ND	U	0.5	ug/L
	Chloromethane	ND	U	0.5	ug/L
	cis-1,2-Dichloroethene	ND	U	0.5	ug/L
	cis-1,3-Dichloropropene	ND	U	0.5	ug/L
	Dibromomethane	ND	U	0.5	ug/L
	Dichlorodifluoromethane	ND	U	1	ug/L
	Hexachlorobutadiene	ND	U	2	ug/L
	Isopropylbenzene	ND	U	0.5	ug/L
	Methylene Chloride	ND	U	0.5	ug/L
	n-Butylbenzene	ND	U	0.5	ug/L
	n-Propylbenzene	ND	U	0.5	ug/L
	p-Isopropyltoluene	ND	U	0.5	ug/L
	sec-Butylbenzene	ND	U	0.5	ug/L
	Styrene	ND	U	0.5	ug/L
	tert-Butylbenzene	ND	U	0.5	ug/L
	Tetrachloroethene	ND	U	0.5	ug/L
	trans-1,2-Dichloroethene	ND	U	0.5	ug/L
	trans-1,3-Dichloropropene	ND	U	0.5	ug/L
	Trichloroethene	ND	U	0.5	ug/L
	Trichlorofluoromethane	ND	U	1	ug/L
	Vinyl Chloride	ND	U	0.5	ug/L
611 BRYANTS NURSERY					
8/12/2011					
	Total Petroleum Hydrocarbons				
	GRO as Gasoline	ND	U	0.2	mg/L
	Diesel	ND	U	0.1	mg/L
	Volatile Organic Compounds				

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
611 BRYANTS NURSERY					
8/12/2011					
	Hexane	ND	U	0.5	ug/L
	m,p-Xylene	ND	U	1	ug/L
	o-Chlorotoluene	ND	U	0.5	ug/L
	o-Xylene	ND	U	0.5	ug/L
	Benzene	ND	U	0.5	ug/L
	Toluene	ND	U	0.5	ug/L
	Ethylbenzene	ND	U	0.5	ug/L
	Xylenes, total	ND	U	0.5	ug/L
	Total BTEX	ND		2	ug/L
	Methyl tert-Butyl Ether	ND	U	0.5	ug/L
	Naphthalene	ND	U	0.5	ug/L
	Tertiary Butyl Alcohol	ND	U	5	ug/L
	Tert-Amyl Methyl Ether	ND	U	0.5	ug/L
	Diisopropyl Ether	ND	U	0.5	ug/L
	Ethyl tert-Butyl Ether	ND	U	0.5	ug/L
	1,1,1,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,1-Trichloroethane	ND	U	0.5	ug/L
	1,1,2,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,2-Trichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethene	ND	U	0.5	ug/L
	1,1-Dichloropropene	ND	U	0.5	ug/L
	1,2,3-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,3-Trichloropropane	ND	U	0.5	ug/L
	1,2,4-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,4-Trimethylbenzene	ND	U	0.5	ug/L
	1,2-Dibromo-3-chloropropane	ND	U	1	ug/L
	1,2-Dibromoethane (EDB)	ND	U	0.5	ug/L
	1,2-Dichlorobenzene	ND	U	0.5	ug/L
	1,2-Dichloroethane	ND	U	0.5	ug/L
	1,2-Dichloropropane	ND	U	0.5	ug/L
	1,3,5-Trimethylbenzene	ND	U	0.5	ug/L
	1,3-Dichlorobenzene	ND	U	0.5	ug/L
	1,3-Dichloropropane	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
611 BRYANTS NURSERY					
8/12/2011					
	1,4-Dichlorobenzene	ND	U	0.5	ug/L
	2,2-Dichloropropane	ND	U	0.5	ug/L
	2-Butanone	ND	U	5	ug/L
	2-Hexanone	ND	U	2	ug/L
	4-Chlorotoluene	ND	U	0.5	ug/L
	4-Methyl-2-pentanone	ND	U	2	ug/L
	Acetone	ND	U	5	ug/L
	Bromobenzene	ND	U	0.5	ug/L
	Bromochloromethane	ND	U	0.5	ug/L
	Bromodichloromethane	ND	U	0.5	ug/L
	Bromoform	ND	U	0.5	ug/L
	Bromomethane	ND	U	0.5	ug/L
	Carbon disulfide	ND	U	0.5	ug/L
	Carbon Tetrachloride	ND	U	0.5	ug/L
	Chlorobenzene	ND	U	0.5	ug/L
	Chlorodibromomethane	ND	U	0.5	ug/L
	Chloroethane	ND	U	0.5	ug/L
	Chloroform	ND	U	0.5	ug/L
	Chloromethane	ND	U	0.5	ug/L
	cis-1,2-Dichloroethene	ND	U	0.5	ug/L
	cis-1,3-Dichloropropene	ND	U	0.5	ug/L
	Dibromomethane	ND	U	0.5	ug/L
	Dichlorodifluoromethane	ND	U	1	ug/L
	Hexachlorobutadiene	ND	U	2	ug/L
	Isopropylbenzene	ND	U	0.5	ug/L
	Methylene Chloride	ND	U	0.5	ug/L
	n-Butylbenzene	ND	U	0.5	ug/L
	n-Propylbenzene	ND	U	0.5	ug/L
	p-Isopropyltoluene	ND	U	0.5	ug/L
	sec-Butylbenzene	ND	U	0.5	ug/L
	Styrene	0.058	J	0.5	ug/L
	tert-Butylbenzene	ND	U	0.5	ug/L
	Tetrachloroethene	ND	U	0.5	ug/L
	trans-1,2-Dichloroethene	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
611 BRYANTS NURSERY					
8/12/2011					
	trans-1,3-Dichloropropene	ND	U	0.5	ug/L
	Trichloroethene	ND	U	0.5	ug/L
	Trichlorofluoromethane	ND	U	1	ug/L
	Vinyl Chloride	ND	U	0.5	ug/L
621 BRYANTS NURSERY					
8/11/2011					
	Total Petroleum Hydrocarbons				
	GRO as Gasoline	ND	U	0.2	mg/L
	Diesel	ND	U	0.1	mg/L
	Volatile Organic Compounds				
	Hexane	ND	U	0.5	ug/L
	m,p-Xylene	ND	U	1	ug/L
	o-Chlorotoluene	ND	U	0.5	ug/L
	o-Xylene	ND	U	0.5	ug/L
	Benzene	ND	U	0.5	ug/L
	Toluene	ND	U	0.5	ug/L
	Ethylbenzene	ND	U	0.5	ug/L
	Xylenes, total	ND	U	0.5	ug/L
	Total BTEX	ND		2	ug/L
	Methyl tert-Butyl Ether	ND	U	0.5	ug/L
	Naphthalene	ND	U	0.5	ug/L
	Tertiary Butyl Alcohol	ND	U	5	ug/L
	Tert-Amyl Methyl Ether	ND	U	0.5	ug/L
	Diisopropyl Ether	ND	U	0.5	ug/L
	Ethyl tert-Butyl Ether	ND	U	0.5	ug/L
	1,1,1,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,1-Trichloroethane	ND	U	0.5	ug/L
	1,1,2,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,2-Trichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethene	ND	U	0.5	ug/L
	1,1-Dichloropropene	ND	U	0.5	ug/L
	1,2,3-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,3-Trichloropropane	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
621 BRYANTS NURSERY					
8/11/2011					
	1,2,4-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,4-Trimethylbenzene	ND	U	0.5	ug/L
	1,2-Dibromo-3-chloropropane	ND	U	1	ug/L
	1,2-Dibromoethane (EDB)	ND	U	0.5	ug/L
	1,2-Dichlorobenzene	ND	U	0.5	ug/L
	1,2-Dichloroethane	ND	U	0.5	ug/L
	1,2-Dichloropropane	ND	U	0.5	ug/L
	1,3,5-Trimethylbenzene	ND	U	0.5	ug/L
	1,3-Dichlorobenzene	ND	U	0.5	ug/L
	1,3-Dichloropropane	ND	U	0.5	ug/L
	1,4-Dichlorobenzene	ND	U	0.5	ug/L
	2,2-Dichloropropane	ND	U	0.5	ug/L
	2-Butanone	ND	U	5	ug/L
	2-Hexanone	ND	U	2	ug/L
	4-Chlorotoluene	ND	U	0.5	ug/L
	4-Methyl-2-pentanone	ND	U	2	ug/L
	Acetone	ND	U	5	ug/L
	Bromobenzene	ND	U	0.5	ug/L
	Bromochloromethane	ND	U	0.5	ug/L
	Bromodichloromethane	0.54		0.5	ug/L
	Bromoform	ND	U	0.5	ug/L
	Bromomethane	ND	U	0.5	ug/L
	Carbon disulfide	ND	U	0.5	ug/L
	Carbon Tetrachloride	ND	U	0.5	ug/L
	Chlorobenzene	ND	U	0.5	ug/L
	Chlorodibromomethane	0.16	J	0.5	ug/L
	Chloroethane	ND	U	0.5	ug/L
	Chloroform	30.9		0.5	ug/L
	Chloromethane	ND	U	0.5	ug/L
	cis-1,2-Dichloroethene	ND	U	0.5	ug/L
	cis-1,3-Dichloropropene	ND	U	0.5	ug/L
	Dibromomethane	ND	U	0.5	ug/L
	Dichlorodifluoromethane	ND	U	1	ug/L
	Hexachlorobutadiene	ND	U	2	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
621 BRYANTS NURSERY					
8/11/2011					
	Isopropylbenzene	ND	U	0.5	ug/L
	Methylene Chloride	0.17	J	0.5	ug/L
	n-Butylbenzene	ND	U	0.5	ug/L
	n-Propylbenzene	ND	U	0.5	ug/L
	p-Isopropyltoluene	ND	U	0.5	ug/L
	sec-Butylbenzene	ND	U	0.5	ug/L
	Styrene	ND	U	0.5	ug/L
	tert-Butylbenzene	ND	U	0.5	ug/L
	Tetrachloroethene	ND	U	0.5	ug/L
	trans-1,2-Dichloroethene	ND	U	0.5	ug/L
	trans-1,3-Dichloropropene	ND	U	0.5	ug/L
	Trichloroethene	ND	U	0.5	ug/L
	Trichlorofluoromethane	ND	U	1	ug/L
	Vinyl Chloride	ND	U	0.5	ug/L
640 BRYANTS NURSERY					
8/22/2011					
	Total Petroleum Hydrocarbons				
	GRO as Gasoline	ND	U	0.2	mg/L
	Diesel	ND	U	0.1	mg/L
	Volatile Organic Compounds				
	Hexane	ND	U	0.5	ug/L
	m,p-Xylene	ND	U	1	ug/L
	o-Chlorotoluene	ND	U	0.5	ug/L
	o-Xylene	ND	U	0.5	ug/L
	Benzene	ND	U	0.5	ug/L
	Toluene	ND	U	0.5	ug/L
	Ethylbenzene	ND	U	0.5	ug/L
	Xylenes, total	ND	U	0.5	ug/L
	Total BTEX	ND		2	ug/L
	Methyl tert-Butyl Ether	ND	U	0.5	ug/L
	Naphthalene	ND	U	0.5	ug/L
	Tertiary Butyl Alcohol	ND	U	5	ug/L
	Tert-Amyl Methyl Ether	ND	U	0.5	ug/L
	Diisopropyl Ether	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
640 BRYANTS NURSERY					
8/22/2011					
	Ethyl tert-Butyl Ether	ND	U	0.5	ug/L
	1,1,1,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,1-Trichloroethane	ND	U	0.5	ug/L
	1,1,2,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,2-Trichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethene	ND	U	0.5	ug/L
	1,1-Dichloropropene	ND	U	0.5	ug/L
	1,2,3-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,3-Trichloropropane	ND	U	0.5	ug/L
	1,2,4-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,4-Trimethylbenzene	ND	U	0.5	ug/L
	1,2-Dibromo-3-chloropropane	ND	U	1	ug/L
	1,2-Dibromoethane (EDB)	ND	U	0.5	ug/L
	1,2-Dichlorobenzene	ND	U	0.5	ug/L
	1,2-Dichloroethane	ND	U	0.5	ug/L
	1,2-Dichloropropane	ND	U	0.5	ug/L
	1,3,5-Trimethylbenzene	ND	U	0.5	ug/L
	1,3-Dichlorobenzene	ND	U	0.5	ug/L
	1,3-Dichloropropane	ND	U	0.5	ug/L
	1,4-Dichlorobenzene	ND	U	0.5	ug/L
	2,2-Dichloropropane	ND	U	0.5	ug/L
	2-Butanone	ND	U	5	ug/L
	2-Hexanone	ND	U	2	ug/L
	4-Chlorotoluene	ND	U	0.5	ug/L
	4-Methyl-2-pentanone	ND	U	2	ug/L
	Acetone	ND	U	5	ug/L
	Bromobenzene	ND	U	0.5	ug/L
	Bromochloromethane	ND	U	0.5	ug/L
	Bromodichloromethane	ND	U	0.5	ug/L
	Bromoform	ND	U	0.5	ug/L
	Bromomethane	ND	U	0.5	ug/L
	Carbon disulfide	ND	U	0.5	ug/L
	Carbon Tetrachloride	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
640 BRYANTS NURSERY					
8/22/2011					
	Chlorobenzene	ND	U	0.5	ug/L
	Chlorodibromomethane	ND	U	0.5	ug/L
	Chloroethane	ND	U	0.5	ug/L
	Chloroform	ND	U	0.5	ug/L
	Chloromethane	ND	U	0.5	ug/L
	cis-1,2-Dichloroethene	ND	U	0.5	ug/L
	cis-1,3-Dichloropropene	ND	U	0.5	ug/L
	Dibromomethane	ND	U	0.5	ug/L
	Dichlorodifluoromethane	ND	U	1	ug/L
	Hexachlorobutadiene	ND	U	2	ug/L
	Isopropylbenzene	ND	U	0.5	ug/L
	Methylene Chloride	ND	U	0.5	ug/L
	n-Butylbenzene	ND	U	0.5	ug/L
	n-Propylbenzene	ND	U	0.5	ug/L
	p-Isopropyltoluene	ND	U	0.5	ug/L
	sec-Butylbenzene	ND	U	0.5	ug/L
	Styrene	ND	U	0.5	ug/L
	tert-Butylbenzene	ND	U	0.5	ug/L
	Tetrachloroethene	ND	U	0.5	ug/L
	trans-1,2-Dichloroethene	ND	U	0.5	ug/L
	trans-1,3-Dichloropropene	ND	U	0.5	ug/L
	Trichloroethene	ND	U	0.5	ug/L
	Trichlorofluoromethane	ND	U	1	ug/L
	Vinyl Chloride	ND	U	0.5	ug/L
650 BRYANTS NURSERY					
8/12/2011					
	Total Petroleum Hydrocarbons				
	GRO as Gasoline	ND	U	0.2	mg/L
	Diesel	ND	U	0.1	mg/L
	Volatile Organic Compounds				
	Hexane	ND	U	0.5	ug/L
	m,p-Xylene	ND	U	1	ug/L
	o-Chlorotoluene	ND	U	0.5	ug/L
	o-Xylene	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
650 BRYANTS NURSERY					
8/12/2011					
	Benzene	ND	U	0.5	ug/L
	Toluene	ND	U	0.5	ug/L
	Ethylbenzene	ND	U	0.5	ug/L
	Xylenes, total	ND	U	0.5	ug/L
	Total BTEX	ND		2	ug/L
	Methyl tert-Butyl Ether	0.52		0.5	ug/L
	Naphthalene	ND	U	0.5	ug/L
	Tertiary Butyl Alcohol	ND	U	5	ug/L
	Tert-Amyl Methyl Ether	ND	U	0.5	ug/L
	Diisopropyl Ether	ND	U	0.5	ug/L
	Ethyl tert-Butyl Ether	ND	U	0.5	ug/L
	1,1,1,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,1-Trichloroethane	ND	U	0.5	ug/L
	1,1,2,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,2-Trichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethene	ND	U	0.5	ug/L
	1,1-Dichloropropene	ND	U	0.5	ug/L
	1,2,3-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,3-Trichloropropane	ND	U	0.5	ug/L
	1,2,4-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,4-Trimethylbenzene	ND	U	0.5	ug/L
	1,2-Dibromo-3-chloropropane	ND	U	1	ug/L
	1,2-Dibromoethane (EDB)	ND	U	0.5	ug/L
	1,2-Dichlorobenzene	ND	U	0.5	ug/L
	1,2-Dichloroethane	ND	U	0.5	ug/L
	1,2-Dichloropropane	ND	U	0.5	ug/L
	1,3,5-Trimethylbenzene	ND	U	0.5	ug/L
	1,3-Dichlorobenzene	ND	U	0.5	ug/L
	1,3-Dichloropropane	ND	U	0.5	ug/L
	1,4-Dichlorobenzene	ND	U	0.5	ug/L
	2,2-Dichloropropane	ND	U	0.5	ug/L
	2-Butanone	ND	U	5	ug/L
	2-Hexanone	ND	U	2	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
650 BRYANTS NURSERY					
8/12/2011					
	4-Chlorotoluene	ND	U	0.5	ug/L
	4-Methyl-2-pentanone	ND	U	2	ug/L
	Acetone	ND	U	5	ug/L
	Bromobenzene	ND	U	0.5	ug/L
	Bromochloromethane	ND	U	0.5	ug/L
	Bromodichloromethane	ND	U	0.5	ug/L
	Bromoform	ND	U	0.5	ug/L
	Bromomethane	ND	U	0.5	ug/L
	Carbon disulfide	ND	U	0.5	ug/L
	Carbon Tetrachloride	ND	U	0.5	ug/L
	Chlorobenzene	ND	U	0.5	ug/L
	Chlorodibromomethane	ND	U	0.5	ug/L
	Chloroethane	ND	U	0.5	ug/L
	Chloroform	ND	U	0.5	ug/L
	Chloromethane	ND	U	0.5	ug/L
	cis-1,2-Dichloroethene	ND	U	0.5	ug/L
	cis-1,3-Dichloropropene	ND	U	0.5	ug/L
	Dibromomethane	ND	U	0.5	ug/L
	Dichlorodifluoromethane	ND	U	1	ug/L
	Hexachlorobutadiene	ND	U	2	ug/L
	Isopropylbenzene	ND	U	0.5	ug/L
	Methylene Chloride	ND	U	0.5	ug/L
	n-Butylbenzene	ND	U	0.5	ug/L
	n-Propylbenzene	ND	U	0.5	ug/L
	p-Isopropyltoluene	ND	U	0.5	ug/L
	sec-Butylbenzene	ND	U	0.5	ug/L
	Styrene	ND	U	0.5	ug/L
	tert-Butylbenzene	ND	U	0.5	ug/L
	Tetrachloroethene	ND	U	0.5	ug/L
	trans-1,2-Dichloroethene	ND	U	0.5	ug/L
	trans-1,3-Dichloropropene	ND	U	0.5	ug/L
	Trichloroethene	ND	U	0.5	ug/L
	Trichlorofluoromethane	ND	U	1	ug/L
	Vinyl Chloride	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
660 BRYANTS NURSERY					
8/11/2011					
	Total Petroleum Hydrocarbons				
	GRO as Gasoline	ND	U	0.2	mg/L
	Diesel	ND	U	0.1	mg/L
	Volatile Organic Compounds				
	Hexane	ND	U	0.5	ug/L
	m,p-Xylene	ND	U	1	ug/L
	o-Chlorotoluene	ND	U	0.5	ug/L
	o-Xylene	ND	U	0.5	ug/L
	Benzene	ND	U	0.5	ug/L
	Toluene	ND	U	0.5	ug/L
	Ethylbenzene	ND	U	0.5	ug/L
	Xylenes, total	ND	U	0.5	ug/L
	Total BTEX	ND		2	ug/L
	Methyl tert-Butyl Ether	ND	U	0.5	ug/L
	Naphthalene	ND	U	0.5	ug/L
	Tertiary Butyl Alcohol	ND	U	5	ug/L
	Tert-Amyl Methyl Ether	ND	U	0.5	ug/L
	Diisopropyl Ether	ND	U	0.5	ug/L
	Ethyl tert-Butyl Ether	ND	U	0.5	ug/L
	1,1,1,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,1-Trichloroethane	ND	U	0.5	ug/L
	1,1,2,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,2-Trichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethene	ND	U	0.5	ug/L
	1,1-Dichloropropene	ND	U	0.5	ug/L
	1,2,3-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,3-Trichloropropane	ND	U	0.5	ug/L
	1,2,4-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,4-Trimethylbenzene	ND	U	0.5	ug/L
	1,2-Dibromo-3-chloropropane	ND	U	1	ug/L
	1,2-Dibromoethane (EDB)	ND	U	0.5	ug/L
	1,2-Dichlorobenzene	ND	U	0.5	ug/L
	1,2-Dichloroethane	0.17	J	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
660 BRYANTS NURSERY					
8/11/2011					
	1,2-Dichloropropane	ND	U	0.5	ug/L
	1,3,5-Trimethylbenzene	ND	U	0.5	ug/L
	1,3-Dichlorobenzene	ND	U	0.5	ug/L
	1,3-Dichloropropane	ND	U	0.5	ug/L
	1,4-Dichlorobenzene	ND	U	0.5	ug/L
	2,2-Dichloropropane	ND	U	0.5	ug/L
	2-Butanone	ND	U	5	ug/L
	2-Hexanone	ND	U	2	ug/L
	4-Chlorotoluene	ND	U	0.5	ug/L
	4-Methyl-2-pentanone	ND	U	2	ug/L
	Acetone	ND	U	5	ug/L
	Bromobenzene	ND	U	0.5	ug/L
	Bromochloromethane	ND	U	0.5	ug/L
	Bromodichloromethane	ND	U	0.5	ug/L
	Bromoform	ND	U	0.5	ug/L
	Bromomethane	ND	U	0.5	ug/L
	Carbon disulfide	ND	U	0.5	ug/L
	Carbon Tetrachloride	ND	U	0.5	ug/L
	Chlorobenzene	ND	U	0.5	ug/L
	Chlorodibromomethane	ND	U	0.5	ug/L
	Chloroethane	ND	U	0.5	ug/L
	Chloroform	ND	U	0.5	ug/L
	Chloromethane	ND	U	0.5	ug/L
	cis-1,2-Dichloroethene	ND	U	0.5	ug/L
	cis-1,3-Dichloropropene	ND	U	0.5	ug/L
	Dibromomethane	ND	U	0.5	ug/L
	Dichlorodifluoromethane	ND	U	1	ug/L
	Hexachlorobutadiene	ND	U	2	ug/L
	Isopropylbenzene	ND	U	0.5	ug/L
	Methylene Chloride	ND	U	0.5	ug/L
	n-Butylbenzene	ND	U	0.5	ug/L
	n-Propylbenzene	ND	U	0.5	ug/L
	p-Isopropyltoluene	ND	U	0.5	ug/L
	sec-Butylbenzene	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
660 BRYANTS NURSERY					
8/11/2011					
	Styrene	ND	U	0.5	ug/L
	tert-Butylbenzene	ND	U	0.5	ug/L
	Tetrachloroethene	ND	U	0.5	ug/L
	trans-1,2-Dichloroethene	ND	U	0.5	ug/L
	trans-1,3-Dichloropropene	ND	U	0.5	ug/L
	Trichloroethene	ND	U	0.5	ug/L
	Trichlorofluoromethane	ND	U	1	ug/L
	Vinyl Chloride	ND	U	0.5	ug/L
661 BRYANTS NURSERY					
8/12/2011					
Total Petroleum Hydrocarbons					
	GRO as Gasoline	ND	U	0.2	mg/L
	Diesel	ND	U	0.1	mg/L
Volatile Organic Compounds					
	Hexane	ND	U	0.5	ug/L
	m,p-Xylene	ND	U	1	ug/L
	o-Chlorotoluene	ND	U	0.5	ug/L
	o-Xylene	ND	U	0.5	ug/L
	Benzene	ND	U	0.5	ug/L
	Toluene	ND	U	0.5	ug/L
	Ethylbenzene	ND	U	0.5	ug/L
	Xylenes, total	ND	U	0.5	ug/L
	Total BTEX	ND		2	ug/L
	Methyl tert-Butyl Ether	0.13	J	0.5	ug/L
	Naphthalene	ND	U	0.5	ug/L
	Tertiary Butyl Alcohol	ND	U	5	ug/L
	Tert-Amyl Methyl Ether	ND	U	0.5	ug/L
	Diisopropyl Ether	ND	U	0.5	ug/L
	Ethyl tert-Butyl Ether	ND	U	0.5	ug/L
	1,1,1,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,1-Trichloroethane	ND	U	0.5	ug/L
	1,1,2,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,2-Trichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethane	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
	WATER SAMPLES				
661 BRYANTS NURSERY					
8/12/2011					
	1,1-Dichloroethene	ND	U	0.5	ug/L
	1,1-Dichloropropene	ND	U	0.5	ug/L
	1,2,3-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,3-Trichloropropane	ND	U	0.5	ug/L
	1,2,4-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,4-Trimethylbenzene	ND	U	0.5	ug/L
	1,2-Dibromo-3-chloropropane	ND	U	1	ug/L
	1,2-Dibromoethane (EDB)	ND	U	0.5	ug/L
	1,2-Dichlorobenzene	ND	U	0.5	ug/L
	1,2-Dichloroethane	ND	U	0.5	ug/L
	1,2-Dichloropropane	ND	U	0.5	ug/L
	1,3,5-Trimethylbenzene	ND	U	0.5	ug/L
	1,3-Dichlorobenzene	ND	U	0.5	ug/L
	1,3-Dichloropropane	ND	U	0.5	ug/L
	1,4-Dichlorobenzene	ND	U	0.5	ug/L
	2,2-Dichloropropane	ND	U	0.5	ug/L
	2-Butanone	ND	U	5	ug/L
	2-Hexanone	ND	U	2	ug/L
	4-Chlorotoluene	ND	U	0.5	ug/L
	4-Methyl-2-pentanone	ND	U	2	ug/L
	Acetone	ND	U	5	ug/L
	Bromobenzene	ND	U	0.5	ug/L
	Bromochloromethane	ND	U	0.5	ug/L
	Bromodichloromethane	ND	U	0.5	ug/L
	Bromoform	ND	U	0.5	ug/L
	Bromomethane	ND	U	0.5	ug/L
	Carbon disulfide	ND	U	0.5	ug/L
	Carbon Tetrachloride	ND	U	0.5	ug/L
	Chlorobenzene	ND	U	0.5	ug/L
	Chlorodibromomethane	ND	U	0.5	ug/L
	Chloroethane	ND	U	0.5	ug/L
	Chloroform	0.16	J	0.5	ug/L
	Chloromethane	ND	U	0.5	ug/L
	cis-1,2-Dichloroethene	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	Analyte Name	Result	Lab Flag	Reporting Limit	Units
WATER SAMPLES					
661 BRYANTS NURSERY					
8/12/2011					
	cis-1,3-Dichloropropene	ND	U	0.5	ug/L
	Dibromomethane	ND	U	0.5	ug/L
	Dichlorodifluoromethane	ND	U	1	ug/L
	Hexachlorobutadiene	ND	U	2	ug/L
	Isopropylbenzene	ND	U	0.5	ug/L
	Methylene Chloride	ND	U	0.5	ug/L
	n-Butylbenzene	ND	U	0.5	ug/L
	n-Propylbenzene	ND	U	0.5	ug/L
	p-Isopropyltoluene	ND	U	0.5	ug/L
	sec-Butylbenzene	ND	U	0.5	ug/L
	Styrene	ND	U	0.5	ug/L
	tert-Butylbenzene	ND	U	0.5	ug/L
	Tetrachloroethene	ND	U	0.5	ug/L
	trans-1,2-Dichloroethene	ND	U	0.5	ug/L
	trans-1,3-Dichloropropene	ND	U	0.5	ug/L
	Trichloroethene	ND	U	0.5	ug/L
	Trichlorofluoromethane	ND	U	1	ug/L
	Vinyl Chloride	ND	U	0.5	ug/L
670 BRYANTS NURSERY					
8/11/2011					
	Total Petroleum Hydrocarbons				
	GRO as Gasoline	ND	U	0.2	mg/L
	Diesel	ND	U	0.1	mg/L
	Volatile Organic Compounds				
	Hexane	ND	U	0.5	ug/L
	m,p-Xylene	ND	U	1	ug/L
	o-Chlorotoluene	ND	U	0.5	ug/L
	o-Xylene	ND	U	0.5	ug/L
	Benzene	ND	U	0.5	ug/L
	Toluene	ND	U	0.5	ug/L
	Ethylbenzene	ND	U	0.5	ug/L
	Xylenes, total	ND	U	0.5	ug/L
	Total BTEX	ND		2	ug/L
	Methyl tert-Butyl Ether	0.31	J	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
670 BRYANTS NURSERY					
8/11/2011					
	Naphthalene	ND	U	0.5	ug/L
	Tertiary Butyl Alcohol	ND	U	5	ug/L
	Tert-Amyl Methyl Ether	ND	U	0.5	ug/L
	Diisopropyl Ether	ND	U	0.5	ug/L
	Ethyl tert-Butyl Ether	ND	U	0.5	ug/L
	1,1,1,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,1-Trichloroethane	ND	U	0.5	ug/L
	1,1,2,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,2-Trichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethene	ND	U	0.5	ug/L
	1,1-Dichloropropene	ND	U	0.5	ug/L
	1,2,3-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,3-Trichloropropane	ND	U	0.5	ug/L
	1,2,4-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,4-Trimethylbenzene	ND	U	0.5	ug/L
	1,2-Dibromo-3-chloropropane	ND	U	1	ug/L
	1,2-Dibromoethane (EDB)	ND	U	0.5	ug/L
	1,2-Dichlorobenzene	ND	U	0.5	ug/L
	1,2-Dichloroethane	0.16	J	0.5	ug/L
	1,2-Dichloropropane	ND	U	0.5	ug/L
	1,3,5-Trimethylbenzene	ND	U	0.5	ug/L
	1,3-Dichlorobenzene	ND	U	0.5	ug/L
	1,3-Dichloropropane	ND	U	0.5	ug/L
	1,4-Dichlorobenzene	ND	U	0.5	ug/L
	2,2-Dichloropropane	ND	U	0.5	ug/L
	2-Butanone	ND	U	5	ug/L
	2-Hexanone	ND	U	2	ug/L
	4-Chlorotoluene	ND	U	0.5	ug/L
	4-Methyl-2-pentanone	ND	U	2	ug/L
	Acetone	ND	U	5	ug/L
	Bromobenzene	ND	U	0.5	ug/L
	Bromochloromethane	ND	U	0.5	ug/L
	Bromodichloromethane	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
670 BRYANTS NURSERY					
8/11/2011					
	Bromoform	ND	U	0.5	ug/L
	Bromomethane	ND	U	0.5	ug/L
	Carbon disulfide	ND	U	0.5	ug/L
	Carbon Tetrachloride	ND	U	0.5	ug/L
	Chlorobenzene	ND	U	0.5	ug/L
	Chlorodibromomethane	ND	U	0.5	ug/L
	Chloroethane	ND	U	0.5	ug/L
	Chloroform	ND	U	0.5	ug/L
	Chloromethane	ND	U	0.5	ug/L
	cis-1,2-Dichloroethene	ND	U	0.5	ug/L
	cis-1,3-Dichloropropene	ND	U	0.5	ug/L
	Dibromomethane	ND	U	0.5	ug/L
	Dichlorodifluoromethane	ND	U	1	ug/L
	Hexachlorobutadiene	ND	U	2	ug/L
	Isopropylbenzene	ND	U	0.5	ug/L
	Methylene Chloride	ND	U	0.5	ug/L
	n-Butylbenzene	ND	U	0.5	ug/L
	n-Propylbenzene	ND	U	0.5	ug/L
	p-Isopropyltoluene	ND	U	0.5	ug/L
	sec-Butylbenzene	ND	U	0.5	ug/L
	Styrene	ND	U	0.5	ug/L
	tert-Butylbenzene	ND	U	0.5	ug/L
	Tetrachloroethene	ND	U	0.5	ug/L
	trans-1,2-Dichloroethene	ND	U	0.5	ug/L
	trans-1,3-Dichloropropene	ND	U	0.5	ug/L
	Trichloroethene	ND	U	0.5	ug/L
	Trichlorofluoromethane	ND	U	1	ug/L
	Vinyl Chloride	ND	U	0.5	ug/L
700 BRYANTS NURSERY					
8/12/2011					
	Total Petroleum Hydrocarbons				
	GRO as Gasoline	ND	U	0.2	mg/L
	Diesel	ND	U	0.11	mg/L
	Volatile Organic Compounds				

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
700 BRYANTS NURSERY					
8/12/2011					
	Hexane	ND	U	0.5	ug/L
	m,p-Xylene	ND	U	1	ug/L
	o-Chlorotoluene	ND	U	0.5	ug/L
	o-Xylene	ND	U	0.5	ug/L
	Benzene	ND	U	0.5	ug/L
	Toluene	ND	U	0.5	ug/L
	Ethylbenzene	ND	U	0.5	ug/L
	Xylenes, total	ND	U	0.5	ug/L
	Total BTEX	ND		2	ug/L
	Methyl tert-Butyl Ether	0.99		0.5	ug/L
	Naphthalene	ND	U	0.5	ug/L
	Tertiary Butyl Alcohol	ND	U	5	ug/L
	Tert-Amyl Methyl Ether	ND	U	0.5	ug/L
	Diisopropyl Ether	0.11	J	0.5	ug/L
	Ethyl tert-Butyl Ether	ND	U	0.5	ug/L
	1,1,1,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,1-Trichloroethane	ND	U	0.5	ug/L
	1,1,2,2-Tetrachloroethane	ND	U	0.5	ug/L
	1,1,2-Trichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethane	ND	U	0.5	ug/L
	1,1-Dichloroethene	ND	U	0.5	ug/L
	1,1-Dichloropropene	ND	U	0.5	ug/L
	1,2,3-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,3-Trichloropropane	ND	U	0.5	ug/L
	1,2,4-Trichlorobenzene	ND	U	0.5	ug/L
	1,2,4-Trimethylbenzene	ND	U	0.5	ug/L
	1,2-Dibromo-3-chloropropane	ND	U	1	ug/L
	1,2-Dibromoethane (EDB)	ND	U	0.5	ug/L
	1,2-Dichlorobenzene	ND	U	0.5	ug/L
	1,2-Dichloroethane	0.25	J	0.5	ug/L
	1,2-Dichloropropane	ND	U	0.5	ug/L
	1,3,5-Trimethylbenzene	ND	U	0.5	ug/L
	1,3-Dichlorobenzene	ND	U	0.5	ug/L
	1,3-Dichloropropane	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
700 BRYANTS NURSERY					
8/12/2011					
	1,4-Dichlorobenzene	ND	U	0.5	ug/L
	2,2-Dichloropropane	ND	U	0.5	ug/L
	2-Butanone	ND	U	5	ug/L
	2-Hexanone	ND	U	2	ug/L
	4-Chlorotoluene	ND	U	0.5	ug/L
	4-Methyl-2-pentanone	ND	U	2	ug/L
	Acetone	ND	U	5	ug/L
	Bromobenzene	ND	U	0.5	ug/L
	Bromochloromethane	ND	U	0.5	ug/L
	Bromodichloromethane	ND	U	0.5	ug/L
	Bromoform	ND	U	0.5	ug/L
	Bromomethane	ND	U	0.5	ug/L
	Carbon disulfide	ND	U	0.5	ug/L
	Carbon Tetrachloride	ND	U	0.5	ug/L
	Chlorobenzene	ND	U	0.5	ug/L
	Chlorodibromomethane	ND	U	0.5	ug/L
	Chloroethane	ND	U	0.5	ug/L
	Chloroform	ND	U	0.5	ug/L
	Chloromethane	ND	U	0.5	ug/L
	cis-1,2-Dichloroethene	ND	U	0.5	ug/L
	cis-1,3-Dichloropropene	ND	U	0.5	ug/L
	Dibromomethane	ND	U	0.5	ug/L
	Dichlorodifluoromethane	ND	U	1	ug/L
	Hexachlorobutadiene	ND	U	2	ug/L
	Isopropylbenzene	ND	U	0.5	ug/L
	Methylene Chloride	ND	U	0.5	ug/L
	n-Butylbenzene	ND	U	0.5	ug/L
	n-Propylbenzene	ND	U	0.5	ug/L
	p-Isopropyltoluene	ND	U	0.5	ug/L
	sec-Butylbenzene	ND	U	0.5	ug/L
	Styrene	ND	U	0.5	ug/L
	tert-Butylbenzene	ND	U	0.5	ug/L
	Tetrachloroethene	ND	U	0.5	ug/L
	trans-1,2-Dichloroethene	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 3
Potable Well Samples Analytical Results
137675

Sample Name and Date	*Analyte Name*	*Result*	*Lab Flag*	*Reporting Limit*	*Units*
WATER SAMPLES					
700 BRYANTS NURSERY					
8/12/2011					
	trans-1,3-Dichloropropene	ND	U	0.5	ug/L
	Trichloroethene	ND	U	0.5	ug/L
	Trichlorofluoromethane	ND	U	1	ug/L
	Vinyl Chloride	ND	U	0.5	ug/L

Notes:
ND-Not Detected
UG/L-Micrograms per liter

Table 4

Onsite Groundwater Extraction Analytical Data
Former Shell Station #137675
15541 New Hampshire Ave Silver Spring, MD

Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
Influent								
7/1/2004	-	-	-	-	363	45500	-	-
8/1/2004	-	-	-	-	187	12900	-	-
9/1/2004	-	-	-	-	141	2350	-	-
10/1/2004	-	-	-	-	229	7980	-	-
11/1/2004	-	-	-	-	295.6	7610	-	-
12/1/2004	-	-	-	-	400.6	15100	-	-
1/1/2005	-	-	-	-	121.4	3940	-	-
2/1/2005	-	-	-	-	115.6	13200	-	-
3/1/2005	-	-	-	-	90.9	3950	-	-
4/1/2005	-	-	-	-	264.3	5290	-	-
5/1/2005	-	-	-	-	595	23400	-	-
6/1/2005	-	-	-	-	304.1	8490	-	-
7/1/2005	-	-	-	-	422.2	13700	-	-
8/1/2005	-	-	-	-	270.1	14000	-	-
9/1/2005	-	-	-	-	60.4	5600	-	-
10/1/2005	-	-	-	-	370	36100	-	-
11/1/2005	-	-	-	-	153.7	3980	-	-
12/1/2005	-	-	-	-	102.2	5830	-	-
1/1/2006	-	-	-	-	51	1190	-	-
2/1/2006	-	-	-	-	74.6	424	-	-
3/1/2006	-	-	-	-	68.3	123	-	-
4/1/2006	-	-	-	-	57.6	120	-	-
5/1/2006	-	-	-	-	12.4	135	-	-
6/1/2006	-	-	-	-	0	569	-	-
7/10/2006	102	8.09	53.4	127	290.49	388	-	-
8/17/2006	ND	ND	259	ND	368	ND	-	-
9/29/2006	4.51	ND (1)	ND (1)	ND (2)	ND (5)	218	-	-
10/16/2006	1.79	85.4	ND (1)	3.28	90.47	NS	-	-
11/15/2006	1.73	2.51	2.13	16.2	22.57	9.99	-	-
12/13/2006	1.81	2.04	1.87	12.3	18.02	23.5	-	-
1/5/2007	1.8	4.27	5.22	28.6	39.89	17.4	-	-
2/9/2007	-	-	-	-	-	-	-	-
2/12/2007	62.4	2.54	47.1	26.5	138.54	55.8	734	-
3/12/2007	3.9	ND (2)	ND (2)	11	14.9	150	179	-
4/9/2007	115	30.4	52.6	98.2	296.2	228	1390	-
5/7/2007	8.56	10.1	8.26	61.4	88.32	35.1	368	-
5/21/2007	-	-	-	-	-	-	-	-
6/11/2007	4.06	3.48	4.38	37.2	49.12	25.4	232	-
7/9/2007	1.86	1.39	1.57	13.7	18.52	24.4	148	-
8/8/2007	10	1.26	2.62	11.1	24.98	11.3	ND (100)	-
9/10/2007	10	1.26	2.62	11.1	24.98	11.3	ND (100)	-
10/8/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	10.3	112	-

Table 4

Onsite Groundwater Extraction Analytical Data
Former Shell Station #137675
15541 New Hampshire Ave Silver Spring, MD

Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
Influent								
11/20/2007	ND (1)	ND (1)	ND (1)	2.04	2.04	8.81	176	-
12/10/2007	1.16	ND (1)	ND (1)	2.04	3.2	14.6	125	-
1/9/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	42.6	103	-
2/7/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	14.4	ND (100)	-
2/21/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	11.2	119	-
3/4/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	78	140	-
3/26/2008	3.5	1.35	2.21	9.98	17.04	11	ND (100)	-
4/4/2008	1.64	ND (1)	ND (1)	ND (2)	1.64	86.2	127	-
4/14/2008	3.5	ND (1)	1.32	3.98	8.8	18.3	110	-
5/1/2008	34.6	1.15	3.2	3.94	42.89	49	381	-
5/19/2008	7.04	5.81	15.8	70.9	99.55	9.45	640	-
6/4/2008	18	1.31	2.17	5.52	27	83.8	453	-
6/18/2008	5.75	2.36	2.26	48.4	58.77	60.7	188	-
7/7/2008	17.83	ND (1)	1.15	10.95	29.93	44.06	250	-
7/23/2008	10	ND (1)	1.1	11.1	22.2	43.1	270	-
8/6/2008	6.19	ND (1)	ND (1)	2.73	8.92	20.8	120	-
8/21/2008	31	ND (1)	4.6	7.1	42.7	79	240	-
9/4/2008	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	18	170	-
9/18/2008	10	ND (1)	ND (1)	ND (3)	10	44	100	-
10/10/2008	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	35	120	-
10/23/2008	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	11	ND (100)	-
11/6/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	13	ND (100)	-
11/20/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	9.2	ND (100)	-
12/1/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	11	ND (100)	-
12/18/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	11	120	-
1/9/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	8.7	ND (100)	-
1/21/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	11	100	-
2/3/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	22	150	-
2/19/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	59.13	198	-
3/4/2009	1	ND (1)	ND (1)	0.56	1.56	15.15	ND (100)	-
3/18/2009	1	ND (1)	ND (1)	ND (3)	1.01	43.9	ND (100)	-
4/9/2009	0.53	ND (1)	ND (1)	ND (3)	0.53	35.05	ND (50)	-
4/23/2009	0.89	ND (1)	ND (1)	2.51	3.4	26.19	ND (50)	-
5/6/2009	4.68	1.55	1.72	15.38	23.33	38.75	163	-
5/21/2009	6.364	3.726	5.319	43.73	59.139	32.41	373	-
6/4/2009	9.55	6.47	17.99	105.86	139.87	ND (2)	703	-
6/16/2009	4.86	4.45	14.52	67.39	91.22	18.75	368	-
7/7/2009	9.73	10.25	30.83	195.08	245.89	17.6	759	-
7/23/2009	7.03	8.07	25.54	140.1	180.74	8.59	370	-
8/4/2009	1.57	1.43	3.68	28.4	33.08	15.3	190	-
8/19/2009	1.29	1.07	3.08	21.12	26.56	14.25	99	-
9/1/2009	10	1.4	4.6	40	56	16	320	-

Table 4

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Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
Influent								
9/15/2009	14	2.1	4	66	86.1	17	320	-
10/8/2009	2.82	0.249	1.04	5.55	9.659	21.6	45	-
10/21/2009	3.82	0.565	1.76	11.2	17.345	20.8	133	-
11/4/2009	2.16	0.8	1.61	12.65	17.22	16.3	102	-
11/19/2009	1.49	ND	1.05	4.76	7.3	13.4	67	-
12/1/2009	ND	ND	ND	ND	0	22.5	38	-
12/17/2009	1.75	1.03	2.1	23.5	28.38	12.1	183	-
1/4/2010	3.11	1.12	3.01	41	48.24	9.01	256	-
1/22/2010	3.58	2.02	5.56	41.2	52.4	7.33	219	-
2/1/2010	3.19	0.901	1.82	24.2	30.111	9.36	173	-
2/17/2010	2.82	1.12	2.91	32.7	39.55	7.73	183	-
3/2/2010	3.89	2.45	5.95	60.1	72.4	7.97	207	-
3/17/2010	3.22	2.4	7.32	54.7	67.6	3.9	265	-
4/9/2010	2.46	1.74	5.98	36.2	46.3	5.05	171	-
4/20/2010	5.41	4.38	17.6	113.8	141.2	5.8	32	-
5/3/2010	2.86	ND (1)	4.89	36.2	43.9	5.84	141	-
5/20/2010	3.67	0.953	4.59	34.7	44.1	5.99	215	-
6/3/2010	2.99	1.66	3.3	32.3	40.3	4.34	170	-
6/16/2010	3.08	1.21	2.63	18.1	25	6.24	127	-
7/8/2010	7.13	2.42	8.63	65	83.2	7.06	287	-
7/21/2010	2.35	ND (1)	1.89	22.6	26.8	9.11	137	-
8/5/2010	7.42	1.28	6.29	26	40.9	17	159	-
8/18/2010	2.22	ND (1)	2.88	8.53	13.63	6.28	96	-
9/8/2010	1.43	ND (1)	0.689	6.09	8.21	7.78	77	-
9/21/2010	57.6	2.34	50.4	63.2	173.5	25.1	1060	-
10/8/2010	6.24	1.83	5.79	45.2	59.1	10.6	167	-
10/21/2010	6.3	0.98	5.98	21.1	34.4	7.49	137	-
11/3/2010	3.92	ND (1)	5.74	19.1	28.7	9.84	154	-
11/16/2010	1.8	1.2	3.94	24.1	31.1	5.09	139	-
12/6/2010	3.79	0.55	1.82	14.7	20.86	11.1	0.097	-
1/11/2011	4.7	1.5	7.9	23	37.1	5.3	207	ND(110)
1/25/2011	0.61	ND(1)	1	3.6	5.21	3.2	ND(200)	ND(100)
2/8/2011	0.62	ND(1)	1	3.6	5.22	2.8	ND(200)	ND(110)
2/23/2011	22.4	0.94	11.3	29.6	64.24	22	ND(200)	329
3/7/2011	6.6	1	4.9	29.5	42	5.7	203	ND(110)
3/22/2011	9.7	2.5	9.4	68	89.6	5.9	425	186
4/5/2011	18.4	1.8	8.8	54.8	83.8	7.9	280	ND(110)
4/18/2011	23.2	2.8	11.4	59.3	96.7	9.1	277	ND(110)
5/12/2011	4.9	1.1	3.1	27.7	36.8	6.3	216	133
5/24/2011	10.9	5.2	22	137	175.1	12.9	603	ND(110)
6/9/2011	4.1	0.97	2.6	21.7	29.37	6.6	201	ND(110)
6/30/2011	6.8	0.94	3	19.9	30.64	9.6	ND(200)	694
7/7/2011	35.6	0.93	4	16.4	56.93	35.1	232	310

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Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
7/20/2011	1.9	ND (1)	0.68	2.6	5.18	5.4	ND(200)	ND(100)
8/4/2011	5.9	0.28	1.2	6.3	13.68	6.2	ND(200)	ND(110)
8/16/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	4.5	ND(200)	ND(110)
9/16/2011	4.1	0.44	2	8.2	14.74	4.0	ND(200)	ND(100)
9/28/2011	0.54	0.3	1.2	4	6.04	2.3	ND(200)	ND(110)

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Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
Mid-System								
7/10/2006	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
8/17/2006	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
9/29/2006	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
10/16/2006	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
11/15/2006	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
12/13/2006	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	-	-
1/5/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
2/9/2007	-	-	-	-	-	-	-	-
2/12/2007	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (100)	-
3/12/2007	ND (1)	ND (2)	ND (2)	ND (6)	ND (11)	ND (2)	ND (100)	-
4/9/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
5/7/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
5/21/2007	-	-	-	-	-	-	-	-
6/11/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
7/9/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
8/8/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
9/10/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
10/8/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
11/20/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
12/10/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
1/9/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
2/7/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	42.6	ND (100)	-
2/21/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
3/4/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
3/26/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
4/4/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
4/14/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
5/1/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
5/19/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
6/4/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
6/18/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
7/7/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
7/23/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	160	-
8/6/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
8/21/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
9/4/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
9/18/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
10/10/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
10/23/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	130	-
11/6/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
11/20/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
12/1/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-

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Former Shell Station #137675
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Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
Mid-System								
1/9/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	ND (100)	-
1/21/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	ND (100)	-
2/3/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	150	-
2/19/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	112	-
3/4/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	ND (100)	-
3/18/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	ND (100)	-
4/9/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	ND (100)	-
4/23/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	ND (50)	-
5/6/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	ND (100)	-
5/21/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	87	-
6/4/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	58	-
6/16/2009	ND (1)	0.99	ND (1)	ND (3)	0.99	ND (2)	63	-
7/7/2009	ND (1)	0.7	ND (1)	ND (3)	3.02	ND (2)	ND (100)	-
7/23/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	ND (100)	-
8/4/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	ND (100)	-
8/19/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	ND (100)	-
9/1/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	ND (100)	-
9/15/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	ND (100)	-
10/8/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	ND (100)	-
10/21/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	ND (100)	-
11/4/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	ND (100)	-
11/19/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	46	-
12/1/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	29	-
12/17/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	0.34	ND (100)	-
1/4/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	0.58	26	-
1/22/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	0.84	41	-
2/1/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	1.08	33	-
2/17/2010	0.25	ND (1)	ND (1)	ND (3)	0.25	1.4	44	-
3/2/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	2.28	ND (100)	-
3/17/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	3.41	32	-
4/9/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	3.41	32	-
4/20/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	3.58	440	-
5/3/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	4.68	ND (100)	-
5/20/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	5.43	ND (100)	-
6/3/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	6.54	ND (100)	-
6/16/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	6.54	ND (100)	-
7/8/2010	0.49	ND (1)	ND (1)	ND (3)	0.49	8.6	47	-
7/21/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	10.5	41	-
8/5/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	ND (100)	-
8/18/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	26	-
9/8/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	ND (100)	-
9/21/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	ND (100)	-

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Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
Mid-System								
10/8/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	ND (100)	-
10/21/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	ND (100)	-
11/3/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	ND (100)	-
11/16/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	ND (100)	-
12/6/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	ND (100)	-
1/11/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
1/25/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
2/8/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
2/23/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
3/7/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
3/22/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
4/5/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
4/18/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
5/12/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
5/24/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
6/9/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
6/30/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
7/7/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
7/20/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
8/4/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
8/16/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
9/16/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
9/28/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)

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Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
Effluent								
7/10/2006	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
8/17/2006	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
9/29/2006	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
10/16/2006	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
11/15/2006	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
12/13/2006	ND (1)	ND (2)	ND (1)	ND (1)	ND (5)	ND (1)	-	-
1/5/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
2/9/2007	-	-	-	-	-	-	-	-
2/12/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
3/12/2007	ND (1)	ND (2)	ND (2)	ND (6)	ND (11)	ND (2)	-	-
4/9/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
5/7/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
5/21/2007	-	-	-	-	-	-	-	-
6/11/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
7/9/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
8/8/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
9/10/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
10/8/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
11/20/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
12/10/2007	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
1/9/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
2/7/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	42.6	-	-
2/21/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
3/4/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
3/26/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
4/4/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
4/14/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
5/1/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
5/19/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
6/4/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
6/18/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
7/7/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	ND (100)	-
7/23/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
8/6/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
8/21/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
9/4/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
9/18/2008	ND (1)	ND (1)	ND (1)	5.3	5.3	ND (1)	-	-
10/10/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
10/23/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
11/6/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
11/20/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
12/1/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-

Table 4

Onsite Groundwater Extraction Analytical Data
Former Shell Station #137675
15541 New Hampshire Ave Silver Spring, MD

Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
Effluent								
12/18/2008	ND (1)	ND (1)	ND (1)	ND (2)	ND (5)	ND (1)	-	-
1/9/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
1/21/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
2/3/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
2/19/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
3/4/2009	ND (1)	ND (1)	ND (1)	0.54	0.54	ND (2)	-	-
3/18/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
4/9/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
4/23/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
5/6/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
5/21/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
6/4/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
6/16/2009	ND (1)	0.88	ND (1)	ND (3)	0.88	ND (2)	-	-
7/7/2009	ND (1)	0.7	ND (1)	ND (3)	0.7	ND (2)	-	-
7/23/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
8/4/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
8/19/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
9/1/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
9/15/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
10/8/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
10/21/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
11/4/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
11/19/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
12/1/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
12/17/2009	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
1/4/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
1/22/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
2/1/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (5)	ND (2)	-	-
2/17/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-
3/2/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-
3/17/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-
4/9/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-
4/20/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-
5/3/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-
5/20/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-
6/3/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-
6/16/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-
7/8/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-
7/21/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-
8/5/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-
8/18/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-
9/8/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-

Table 4

Onsite Groundwater Extraction Analytical Data
Former Shell Station #137675
15541 New Hampshire Ave Silver Spring, MD

Date	*Benzene (μg/L)*	*Toluene (μg/L)*	*Ethylbenzene (μg/L)*	*Total Xylenes (μg/L)*	*BTEX (μg/L)*	*MTBE (μg/L)*	*TPH-GRO (μg/L)*	*TPH-DRO (μg/L)*
Effluent								
9/21/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-
10/8/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-
10/21/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-
11/3/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-
11/16/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-
12/6/2010	ND (1)	ND (1)	ND (1)	ND (3)	ND (1)	ND (2)	-	-
1/11/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
1/25/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
2/8/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
2/23/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
3/7/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
3/22/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
4/5/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
4/18/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
5/12/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
5/24/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
6/9/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
6/30/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
7/7/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
7/20/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
8/4/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
8/16/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
9/16/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
9/28/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)

Notes:
ND--Below laboratory detection limit
ND (1)--laboratory detection limit
μg/L--micrograms per liter
BTEX - Total benzene, toluene, ethylbenzene, xylenes
MTBE--methyl tertiary butyl ether
GRO - total petroleum hydrocarbons-gasoline range organics
DRO - total petroleum hydrocarbons-diesel range organics

Table 5

Groundwater Extraction System Performance Data
Onsite System

Former Shell Service Station #137675
15541 New Hampshire Avenue, Silver Spring, MD

Date	Days Operational	Totalizer Reading (gallons)	Cumulative Groundwater Recovered (gallons)	Volume Recovered per Period (gallons)	Average Recovery Rate (gpm)	Average Influent MTBE Concentration (ug/l)	MTBE Recovered per Period (lbs)	Cumulative MTBE Recovered (lbs)	Operating Wells
7/10/2006		2604353.5	2,604,354			388	0.00	199.00	RW-01, RW-03, RW-10
8/17/2006	38	2666059.1	2,666,059	61,706	1.13	1	0.00	199.00	RW-01, RW-03, RW-10
9/29/2006	43	2752772.1	2,752,772	86,713	1.40	218	0.16	199.16	RW-01, RW-03, RW-10
10/16/2006	17	2787224.4	2,787,224	34,452	1.41	0	0.00	199.16	RW-01, RW-03, RW-10
11/15/2006	30	2879427.0	2,879,427	92,203	2.13	9.99	0.01	199.17	RW-01, RW-03, RW-10
12/13/2006	28	2973204.1	2,973,204	93,777	2.33	23.5	0.02	199.18	RW-01, RW-03, RW-10
1/5/2007	23	3051698.0	3,051,698	78,494	2.37	17.4	0.01	199.20	RW-01, RW-03, RW-10
2/9/2007	35	3162531.8	3,162,532	110,834	2.20	55.8	0.05	199.25	RW-01, RW-03
3/12/2007	31	3284560.0	3,284,560	122,028	2.73	150	0.15	199.40	RW-01, RW-03, RW-10
4/9/2007	28	3392339.9	3,392,340	107,780	2.67	228	0.20	199.60	RW-01, RW-03, RW-10
5/7/2007	28	3476396.3	3,476,396	84,056	2.08	35.1	0.02	199.63	RW-01, RW-03, RW-10
5/21/2007	14	3521298.4	3,521,298	44,902	2.23	0	0.00	199.63	RW-03, RW-10
6/11/2007	21	3594772.0	3,594,772	73,474	2.43	25.4	0.02	199.64	RW-01, RW-03, RW-10
7/9/2007	28	3683662.2	3,683,662	88,890	2.20	24.4	0.02	199.66	RW-01, RW-03, RW-10
8/8/2007	30	3731192.8	3,731,193	47,531	1.10	11.3	0.00	199.67	RW-01, RW-03, RW-10
9/10/2007	33	3808314.3	3,808,314	77,122	1.62	11.3	0.01	199.67	RW-01, RW-03, RW-10
10/8/2007	28	3835620.5	3,835,621	27,306	0.68	10.3	0.00	199.68	RW-01, RW-03
11/20/2007	43	3862555.1	3,862,555	26,935	0.43	8.81	0.00	199.68	RW-01, RW-03, RW-10
12/10/2007	20	3897650.0	3,897,650	35,095	1.22	14.6	0.00	199.68	RW-01, RW-03, RW-10
1/9/2008	30	3949831.0	3,949,831	52,181	1.21	42.6	0.02	199.70	RW-01, RW-03, RW-10
2/7/2008	29	3998840.0	3,998,840	49,009	1.17	14.4	0.01	199.71	RW-01, RW-03, RW-10
2/21/2008	14	4010881.0	4,010,881	12,041	0.60	11.2	0.00	199.71	RW-01, RW-03, RW-10
3/4/2008	12	4010935.8	4,010,936	55	0.00	78	0.00	199.71	RW-03, RW-10
3/26/2008	22	4058627.4	4,058,627	47,692	1.51	11	0.00	199.71	RW-01, RW-03, RW-10
4/4/2008	9	4078684.0	4,078,684	20,057	1.55	86.2	0.01	199.73	RW-01, RW-03, RW-10
4/14/2008	10	4104365.4	4,104,365	25,681	1.78	18.3	0.00	199.73	RW-01, RW-03, RW-10
5/1/2008	17	4148278.0	4,148,278	43,913	1.79	49	0.02	199.75	RW-01, RW-10
5/19/2008	18	4188624.3	4,188,624	40,346	1.56	9.45	0.00	199.75	RW-01, RW-03, RW-10
6/4/2008	16	4218258.0	4,218,258	29,634	1.29	83.8	0.02	199.77	RW-01, RW-03, RW-10
6/18/2008	14	4265443.0	4,265,443	47,185	2.34	60.7	0.02	199.80	RW-01, RW-03, RW-10
7/7/2008	19	4318606.4	4,318,606	53,163	1.94	44.06	0.02	199.82	RW-01, RW-03, RW-10
7/23/2008	16	4368926.0	4,368,926	50,320	2.18	43.1	0.02	199.83	RW-01, RW-03, RW-10
8/6/2008	14	4407691.0	4,407,691	38,765	1.92	20.8	0.01	199.84	RW-01, RW-03, RW-10
8/21/2008	15	4446386.4	4,446,386	38,695	1.79	79	0.03	199.87	RW-01, RW-03, RW-10
9/4/2008	14	4479036.1	4,479,036	32,650	1.62	18	0.00	199.87	RW-01, RW-03, RW-10
9/18/2008	14	4506296.9	4,506,297	27,261	1.35	44	0.01	199.88	RW-01, RW-03, RW-10
10/10/2008	22	4545091.1	4,545,091	38,794	1.22	35	0.01	199.89	RW-01, RW-03, RW-10
10/23/2008	13	4565165.4	4,565,165	20,074	1.07	11	0.00	199.89	RW-01, RW-03, RW-10
11/6/2008	14	4586601.2	4,586,601	21,436	1.06	13	0.00	199.90	RW-01, RW-03, RW-10
11/20/2008	14	4607585.6	4,607,586	20,984	1.04	9.2	0.00	199.90	RW-01, RW-03, RW-10
12/1/2008	11	4624308.5	4,624,309	16,723	1.06	13	0.00	199.90	RW-01, RW-03, RW-10
12/18/2008	17	4650422.0	4,650,422	26,114	1.07	11	0.00	199.90	RW-01, RW-03, RW-10
1/9/2009	22	4690333.1	4,690,333	39,911	1.26	8.7	0.00	199.91	RW-01, RW-03, RW-10
1/21/2009	12	4711569.8	4,711,570	21,237	1.23	11	0.00	199.91	RW-01, RW-03, RW-10
2/3/2009	13	4737133.7	4,737,134	25,564	1.37	22	0.00	199.91	RW-01, RW-03, RW-10
2/19/2009	16	4765099.5	4,765,100	27,966	1.21	59.13	0.01	199.93	RW-01, RW-03, RW-10
3/4/2009	13	4780508.9	4,780,509	15,409	0.82	15.15	0.00	199.93	RW-01, RW-03, RW-10
3/18/2009	14	4800030.0	4,800,030	19,521	0.97	43.9	0.01	199.94	RW-01, RW-03, RW-10
4/9/2009	22	4822291.7	4,822,292	22,262	0.70	35.05	0.01	199.94	RW-01, RW-03, RW-10
4/23/2009	14	4848493.6	4,848,494	26,202	1.30	26.19	0.01	199.95	RW-01, RW-03, RW-10
5/6/2009	13	4879031.7	4,879,032	30,538	1.63	38.75	0.01	199.96	RW-01, RW-03, RW-10
5/21/2009	15	4914292.2	4,914,292	35,261	1.63	32.41	0.01	199.97	RW-01, RW-03, RW-10
6/4/2009	14	4941758.0	4,941,758	27,466	1.36	2	0.00	199.97	RW-01, RW-03, RW-10
6/16/2009	12	4964527.5	4,964,528	22,770	1.32	18.75	0.00	199.97	RW-01, RW-03, RW-10
7/7/2009	21	5003816.4	5,003,816	39,289	1.30	17.6	0.01	199.98	RW-01, RW-03, RW-10
7/23/2009	16	5039153.4	5,039,153	35,337	1.53	8.59	0.00	199.98	RW-01, RW-03, RW-10
8/4/2009	12	5066977.2	5,066,977	27,824	1.61	15.3	0.00	199.98	RW-01, RW-03, RW-10
8/19/2009	15	5100645.7	5,100,646	33,669	1.56	14.25	0.00	199.99	RW-01, RW-03, RW-10
9/1/2009	13	5105645.2	5,105,645	5,000	0.27	16	0.00	199.99	RW-01, RW-03, RW-10
9/15/2009	14	5124630.0	5,124,630	18,985	0.94	17	0.00	199.99	RW-01, RW-03, RW-10
10/8/2009	23	5168250.0	5,168,250	43,620	1.32	21.6	0.01	200.00	RW-01, RW-03, RW-10
10/21/2009	13	5197187.5	5,197,188	28,938	1.55	20.8	0.01	200.00	RW-01, RW-03, RW-10
11/4/2009	14	5229970.3	5,229,970	32,783	1.63	16.3	0.00	200.01	RW-01, RW-03, RW-10
11/19/2009	15	5264905.6	5,264,906	34,935	1.62	13.4	0.00	200.01	RW-01, RW-03, RW-10
12/1/2009	12	5265044.1	5,265,044	139	0.01	22.5	0.00	200.01	RW-01, RW-03, RW-10
12/17/2009	16	5311244.2	5,311,244	46,200	2.01	12.1	0.00	200.02	RW-01, RW-03, RW-10
1/4/2010	18	5364366.7	5,364,367	53,123	2.05	9.01	0.00	200.02	RW-01, RW-03, RW-10
1/22/2010	18	5412513.4	5,412,513	48,147	1.86	7.33	0.00	200.02	RW-01, RW-03, RW-10
2/1/2010	10	5441601.2	5,441,601	29,088	2.02	9.36	0.00	200.03	RW-01, RW-03, RW-10
2/17/2010	16	5483840.8	5,483,841	42,240	1.83	7.73	0.00	200.03	RW-01, RW-03, RW-10
3/2/2010	13	5515785.0	5,515,785	31,944	1.71	7.97	0.00	200.03	RW-01, RW-03, RW-10
3/17/2010	15	5551531.4	5,551,531	35,746	1.65	3.9	0.00	200.03	RW-01, RW-03, RW-10
4/9/2010	23	5608605.3	5,608,605	57,074	1.72	5.05	0.00	200.03	RW-01, RW-03, RW-10
4/20/2010	11	5639028.8	5,639,029	30,424	1.92	5.8	0.00	200.04	RW-01, RW-03, RW-10
5/3/2010	13	5676562.0	5,676,562	37,533	2.00	5.84	0.00	200.04	RW-01, RW-03, RW-10
5/20/2010	17	5723746.7	5,723,747	47,185	1.93	5.99	0.00	200.04	RW-01, RW-03, RW-10
6/3/2010	14	5762756.9	5,762,757	39,010	1.94	4.34	0.00	200.04	RW-01, RW-03, RW-10
6/16/2010	13	5800798.8	5,800,799	38,042	2.03	6.24	0.00	200.04	RW-01, RW-03, RW-10

Table 5

Groundwater Extraction System Performance Data
Onsite System

Former Shell Service Station #137675
15541 New Hampshire Avenue, Silver Spring, MD

Date	Days Operational	Totalizer Reading (gallons)	Cumulative Groundwater Recovered (gallons)	Volume Recovered per Period (gallons)	Average Recovery Rate (gpm)	Average Influent MTBE Concentration (ug/l)	MTBE Recovered per Period (lbs)	Cumulative MTBE Recovered (lbs)	Operating Wells
7/8/2010	22	5850158.5	5,850,159	49,360	1.56	7.06	0.00	200.05	RW-01, RW-03, RW-10
7/21/2010	13	5885817.0	5,885,817	35,659	1.90	9.11	0.00	200.05	RW-01, RW-03, RW-10
8/5/2010	15	5915591.3	5,915,591	29,774	1.38	17	0.00	200.05	RW-01, RW-03, RW-10
8/18/2010	13	5953993.7	5,953,994	38,402	2.05	6.28	0.00	200.05	RW-01, RW-03, RW-10
9/8/2010	21	6017917.2	6,017,917	63,924	2.11	7.78	0.00	200.06	RW-01, RW-03, RW-10
9/21/2010	13	6021858.0	6,021,858	3,941	0.21	25.1	0.00	200.06	RW-01, RW-03, RW-10
10/8/2010	17	6062518.0	6,062,518	40,660	1.66	10.6	0.00	200.06	RW-01, RW-03, RW-10
10/21/2010	13	6089239.0	6,089,239	26,721	1.43	7.49	0.00	200.06	RW-01, RW-03, RW-10
11/3/2010	13	6126570.0	6,126,570	37,331	1.99	9.84	0.00	200.07	RW-01, RW-03, RW-10
11/16/2010	13	6157498.9	6,157,499	30,929	1.65	5.09	0.00	200.07	RW-01, RW-03, RW-10
12/6/2010	20	6201875.8	6,201,876	44,377	1.54	11.1	0.00	200.07	RW-01, RW-03, RW-10
1/5/2011	30	6281167.9	6,281,168	79,292	1.84	11.1	0.01	200.08	RW-01, RW-03, RW-10
1/11/2011	6	6294460.0	6,294,460	13,292	1.54	5.3	0.00	200.08	RW-01, RW-03, RW-10
1/18/2011	7	6308825.1	6,308,825	14,365	1.43	5.3	0.00	200.08	RW-01, RW-03, RW-10
1/25/2011	7	6323241.8	6,323,242	14,417	1.43	3.2	0.00	200.08	RW-01, RW-03, RW-10
2/1/2011	7	6336716.5	6,336,717	13,475	1.34	3.2	0.00	200.08	RW-01, RW-03, RW-10
2/7/2011	6	6350249.1	6,350,249	13,533	1.57	2.8	0.00	200.08	RW-01, RW-03, RW-10
2/23/2011	16	6385328.1	6,385,328	35,079	1.52	22.00	0.01	200.09	RW-01, RW-03, RW-10
3/3/2011	8	6405425.3	6,405,425	20,097	1.74	22	0.00	200.09	RW-01, RW-03, RW-10
3/7/2011	4	6416148.0	6,416,148	10,723	1.86	5.70	0.00	200.09	RW-01, RW-03, RW-10
3/15/2011	8	6435847.0	6,435,847	19,699	1.71	5.7	0.00	200.09	RW-01, RW-03, RW-10
3/22/2011	7	6454958.0	6,454,958	19,111	1.90	5.9	0.00	200.10	RW-01, RW-03, RW-10
3/29/2011	7	6471389.0	6,471,389	16,431	1.63	5.9	0.00	200.10	RW-01, RW-03, RW-10
4/5/2011	7	6485671.0	6,485,671	14,282	1.42	7.90	0.00	200.10	RW-01, RW-03, RW-10
4/18/2011	13	6516444.0	6,516,444	30,773	1.64	9.10	0.00	200.10	1, 3, 10
4/27/2011	9	6539262.0	6,539,262	22,818	1.76	9.1	0.00	200.10	1, 3, 10
5/6/2011	9	6564619.0	6,564,619	25,357	1.96	9.1	0.00	200.10	1, 3, 10
5/12/2011	6	6583561.0	6,583,561	18,942	2.19	6.30	0.00	200.10	1, 3, 10
5/24/2011	12	6615342.0	6,615,342	31,781	1.84	12.90	0.00	200.11	1, 3, 10
5/31/2011	7	6634009.0	6,634,009	18,667	1.85	12.9	0.00	200.11	1, 3, 10
6/9/2011	0		6,634,009	0	0.00	6.6	0.00	200.11	1, 3, 10
6/15/2011	15	6671400.0	6,671,400	37,391	1.73	6.6	0.00	200.11	1, 3, 10
6/23/2011	8	6691156.0	6,691,156	19,756	1.71	6.6	0.00	200.11	1, 3, 10
6/29/2011	6	6695400.0	6,695,400	4,244	0.49	9.6	0.00	200.11	1, 3, 10
7/7/2011	8	6712389.0	6,712,389	16,989	1.47	35.1	0.00	200.12	1, 3, 10
7/14/2011	7	6726703.0	6,726,703	14,314	1.42	35.1	0.00	200.12	1, 3, 10
7/20/2011	6	6741265.4	6,741,265	14,562	1.69	5.4	0.00	200.12	1, 3, 10
7/27/2011	7	6752331.9	6,752,332	11,067	1.10	5.4	0.00	200.12	1, 3, 10
8/4/2011	8	6767356.9	6,767,357	15,025	1.30	6.2	0.00	200.12	1, 3, 10
8/10/2011	6	6778701.4	6,778,701	11,345	1.31	6.2	0.00	200.12	1, 3, 10
8/15/2011	5	6786800.0	6,786,800	8,099	1.12	4.5	0.00	200.13	1, 3, 10
8/24/2011	9	6797242.1	6,797,242	10,442	0.81	4.5	0.00	200.13	1, 3, 10
8/31/2011	7	6807313.0	6,807,313	10,071	1.00	4.5	0.00	200.13	1, 3, 10
9/16/2011	16	6839841.9	6,839,842	32,529	1.41	4.0	0.00	200.13	1, 3, 10
9/28/2011	12	6868726.3	6,868,726	28,884	1.67	2.3	0.00	200.13	1, 3, 10

Notes:

MTBE Methyl Tert Butyl Ether
gal Gallons
gpm Gallons per minute
µg/l Micrograms per liter
lbs Pounds

Average Flow Rate = Total Flow (gal) / Days of Operation / 1440 (min/day)
Hydrocarbons Recovered per Period (lbs) = Total Flow (gal) * 3.775 (l/gal) * MTBE Conc. (µg/l) * $2.208*10^{-9}$ (lb/µg)

Table 6
Offsite Groundwater Extraction Analytical Data
Former Shell Station #137675
15600 New Hampshire Ave Silver Spring, MD

Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
Influent								
12/2/2010	7.08	ND (1)	ND (1)	2.35	9.43	2230	1480	-
12/10/2010	7.57	ND (1)	ND (1)	3.83	11.4	4400	2970	-
12/16/2010	6.12	ND (1)	ND (1)	3.6	9.72	3190	2950	-
1/11/2011	7.5	ND(1)	ND(1)	2	9.5	1650	1160	ND(100)
1/25/2011	7.5	ND(10)	ND(10)	ND(10)	7.5	3050	3130	ND(100)
2/8/2011	3	ND(10)	ND(10)	ND(10)	3	2460	3060	ND(110)
2/23/2011	8.7	ND(5)	ND(5)	1.8	10.5	3300	1820	ND(100)
3/7/2011	4.8	ND(5)	ND(5)	ND(5)	4.8	2350	2070	ND(100)
3/22/2011	2.1	ND(5)	ND(5)	ND(5)	2.1	2800	2390	ND(100)
4/5/2011	2.4	ND(10)	ND(10)	ND(10)	2.4	2180	2630	ND(100)
4/18/2011	4.2	ND (1)	ND (1)	1	5.2	2470	1680	ND(110)
5/12/2011	10.5	ND(10)	ND(10)	ND(10)	10.5	3150	3030	ND(100)
5/24/2011	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	2270	1940	ND(110)
6/9/2011	ND(5)	ND(5)	ND(5)	ND(5)	ND(20)	2250	2170	ND(100)
6/30/2011	4.8	ND(5)	ND(5)	ND(5)	4.8	2930	1760	ND(100)
7/7/2011	6.9	ND(10)	ND(10)	ND(10)	6.9	2720	1750	ND(100)
7/20/2011	2.4	ND(5)	ND(5)	ND(5)	2.4	2380	2660	ND(100)
8/4/2011	2.3	ND(5)	ND(5)	ND(5)	2.3	2790	2720	ND(110)
8/16/2011	3.1	ND(10)	ND(10)	ND(10)	3.1	2780	1640	ND(100)
9/28/2011	2	ND(5)	ND(5)	ND(5)	2	2280	2560	ND(110)
Mid-1								
12/2/2010	ND (1)	ND (1)	ND (1)	1.21	1.21	ND (1)	239	-
12/10/2010	ND (1)	ND (1)	ND (1)	0.26	0.26	162	115	-
12/16/2010	ND (1)	ND (1)	ND (1)	1	1	183	157	-
1/11/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	77.9	ND(200)	227
1/25/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	136	248	ND(110)
2/8/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	91.5	ND(200)	ND(110)
2/23/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	109	ND(200)	ND(110)
3/7/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	64.9	ND(200)	ND(110)
3/22/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	38.5	ND(200)	ND(110)
4/5/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	140	217	ND(100)
4/18/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	140	ND(200)	ND(110)
5/12/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	262	364	ND(100)
5/24/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	125	206	ND(100)
6/9/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	36.7	ND(200)	ND(100)
6/30/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	73.2	ND(200)	ND(100)
7/7/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	49.8	ND(200)	ND(110)
7/20/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	52.9	ND(200)	ND(100)
8/4/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	34.7	ND(200)	ND(110)
8/16/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	32.8	ND(200)	ND(110)
9/28/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	235	275	ND(110)

Table 6
Offsite Groundwater Extraction Analytical Data
Former Shell Station #137675
15600 New Hampshire Ave Silver Spring, MD

Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
Mid-2								
12/2/2010	ND (1)	ND (1)	ND (1)	0.27	0.27	ND (1)	ND (100)	-
12/10/2010	ND (1)	ND (1)	0.47	3.33	3.8	ND (1)	ND (100)	-
12/16/2010	ND (1)	ND (1)	0.26	2.2	2.46	ND (1)	34	-
1/11/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
1/25/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
2/8/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
2/23/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
3/7/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	0.31	ND(200)	ND(100)
3/22/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	6.1	ND(200)	ND(110)
4/5/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	25.3	ND(200)	ND(100)
4/18/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	45	ND(200)	ND(110)
5/12/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	27.4	ND(200)	ND(100)
5/24/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	72.6	ND(200)	ND(110)
6/9/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	99.1	ND(200)	ND(110)
6/30/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	96.2	ND(200)	ND(100)
7/7/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	90.1	ND(200)	ND(100)
7/20/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	96.6	ND(200)	ND(100)
8/4/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	99.4	ND(200)	ND(110)
8/16/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	87.4	ND(200)	ND(100)
9/28/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	62.6	ND(200)	ND(110)
Mid -3								
12/2/2010	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (100)	-
12/10/2010	ND (1)	ND (1)	ND (1)	0.72	0.72	ND (1)	ND (100)	-
12/16/2010	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (100)	-
1/11/2011	ND(1)	ND(1)	ND(1)	0.38	0.38	ND(1)	ND(200)	ND(100)
1/25/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
2/8/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
2/23/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
3/7/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
3/22/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
4/5/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
4/18/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
5/12/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
5/24/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
6/9/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
6/30/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
7/7/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
7/20/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
8/4/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
8/16/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
9/28/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)

Table 6
Offsite Groundwater Extraction Analytical Data
Former Shell Station #137675
15600 New Hampshire Ave Silver Spring, MD

Date	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*BTEX (µg/L)*	*MTBE (µg/L)*	*TPH-GRO (µg/L)*	*TPH-DRO (µg/L)*
Effluent								
12/2/2010	ND (1)	ND (1)	ND (1)	1.44	1.44	ND (1)	-	-
12/10/2010	ND (1)	ND (1)	ND (1)	1.19	1.19	ND (1)	-	-
12/16/2010	ND (1)	ND (1)	0.4	4.1	4.5	ND (1)	-	-
1/11/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
1/25/2011	ND(1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
2/8/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
2/23/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
3/7/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
3/22/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
4/5/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
4/18/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
5/12/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
5/24/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
6/9/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
6/30/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
7/7/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
7/20/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
8/4/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)
8/16/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(100)
9/28/2011	ND (1)	ND(1)	ND(1)	ND(1)	ND(4)	ND(1)	ND(200)	ND(110)

Notes:
ND--Below laboratory detection limit
ND (1)--laboratory detection limit
mg/L--micrograms per liter
BTEX - Total benzene, toluene, ethylbenzene, xylenes
MTBE--methyl tertiary butyl ether
GRO - total petroleum hydrocarbons-gasoline range organics
DRO - total petroleum hydrocarbons-diesel range organics

Table 7

Groundwater Extraction System Performance Data
Offsite System

Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

Date	Days Operational	Totalizer Reading (gallons)	Volume Recovered per Period (gallons)	Average Recovery Rate (gpm)	Average Influent MTBE Concentration (ug/l)	MTBE Recovered per Period (lbs)	MTBE Hydrocarbons Recovered (lbs)	Operating Wells
12/2/2010	System Start-up				2230	0.00	0.00	19, 20, 21, 22, 23
12/10/2010	8	44,700	44,700	3.88	4400	1.64	1.64	19, 20, 21, 22, 23
12/16/2010	6	87,852	43,152	4.99	3190	1.15	2.79	19, 20, 21, 22, 23
1/5/2011	20	238,444	150,592	5.23	3190	4.00	6.79	19, 20, 21, 22, 23
1/11/2011	6	279,900	41,456	4.80	1650	0.57	7.36	19, 20, 21, 22
1/18/2011	7	280,184	284	0.03	1650	0.00	7.36	19, 20, 21, 22
1/25/2011	7	319,348	39,164	3.89	3050	1.00	8.36	20, 21, 22
2/1/2011	7	334,575	15,227	1.51	3050	0.39	8.75	
2/7/2011	6	379,602	45,027	5.21	2460	0.92	9.67	20, 21, 22
2/23/2011	16	453,158	73,556	3.19	3300	2.02	11.69	19, 20, 21, 22
3/3/2011	8	471,812	18,654	1.62	3300	0.51	12.21	19, 20, 21, 22
3/7/2011	4	510,692	38,880	6.75	2350	0.76	12.97	19, 20, 21, 22
3/15/2011	8	577,165	66,473	5.77	2350	1.30	14.27	19, 20, 21, 22
3/22/2011	7	650,262	73,097	7.25	2800	1.71	15.98	19, 20, 21, 22, 23
3/29/2011	7	724,423	74,161	7.36	2800	1.73	17.71	19, 20, 21, 22, 23
4/5/2011	7	796,421	71,998	7.14	2180	1.31	19.02	20, 21, 22, 23
4/18/2011	13	922,965	126,544	6.76	2470	2.61	21.62	19, 20, 21, 22, 23
4/27/2011	9	979,889	56,924	4.39	2470	1.17	22.79	NOTE: system down while transfer pump replaced
5/6/2011	0	979,889	0	0.00	2470	0.00	22.79	
5/12/2011	6	982,004	2,115	0.24	3150	0.06	22.85	19, 20, 21, 22, 23 [system restarted]
5/24/2011	12	1,120,163	138,159	8.00	2270	2.61	25.46	19, 20, 21, 23
5/31/2011	7	1,188,444	68,281	6.77	2270	1.29	26.75	19, 20, 21, 23
6/15/2011	15	1,334,785	146,341	6.78	2250	2.74	29.50	19, 20, 21, 22
6/23/2011	8	1,349,322	14,537	1.26	2250	0.27	29.77	19, 20, 21, 22
6/30/2011	7	1,405,455	56,133	5.57	2930	1.37	31.14	19, 20, 21, 22, 23
7/7/2011	7	1,442,836	37,381	3.71	2720	0.85	31.99	19, 20, 21, 22, 23
7/14/2011	7	1,449,197	6,361	0.63	2720	0.14	32.13	19, 20, 21, 22, 23
7/20/2011	6	1,468,492	19,295	2.23	2380	0.38	32.52	19, 20, 21, 22, 23
7/27/2011	7	1,512,135	43,643	4.33	2380	0.87	33.38	19, 20, 21, 22, 23
8/4/2011	8	1,559,199	47,064	4.09	2790	1.09	34.48	19, 20, 21, 22, 23
8/10/2011	6	1,606,175	46,976	5.44	2790	1.09	35.57	19, 20, 21, 22, 23
8/15/2011	5	1,640,415	34,240	4.76	2780	0.79	36.36	19, 20, 21, 22, 23
8/24/2011	9	1,696,502	56,087	4.33	2780	1.30	37.66	19, 20, 21, 22, 23
9/28/2011	35	1,771,136	74,634	1.48	2280	1.42	39.08	19, 20, 21, 22, 23

Notes:

MTBE	Methyl Tert Butyl Ether
gal	Gallons
gpm	Gallons per minute
µg/l	Micrograms per liter
lbs	Pounds

Average Flow Rate = Total Flow (gal) / Days of Operation / 1440 (min/day)
Hydrocarbons Recovered per Period (lbs) = Total Flow (gal) * 3.775 (l/gal) * MTBE Conc. (µg/l) * $2.208*10^{-9}$ (lb/µg)

Appendix A

Groundwater Laboratory Analytical Report

New Jersey
ACCUTEST LABORATORIES

09/02/11

Technical Report for

Shell Oil Products US

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

INC#97436977

Accutest Job Number: JA83370

Sampling Date: 08/10/11

Report to:

URS Corporation
200 Orchard Ridge Drive Suite 101
Gaithersburg, MD 20878
jenna_anthony@urscorp.com; adriane_rogers@urscorp.com

ATTN: Jenna Anthony

Total number of pages in report: **110**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
VP, Laboratory Director

Client Service contact: Marty Vitanza 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

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Accutest Laboratories

Sample Summary

Shell Oil Products US

Job No: JA83370

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD
Project No: INC#97436977

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA83370-1	08/10/11	14:05	RB	08/11/11	AQ	Ground Water	137675-MW-02
JA83370-2	08/10/11	14:40	RB	08/11/11	AQ	Ground Water	137675-MW-04
JA83370-3	08/10/11	10:35	RB	08/11/11	AQ	Ground Water	137675-MW-05D
JA83370-4	08/10/11	09:00	RB	08/11/11	AQ	Ground Water	137675-MW-05R
JA83370-5	08/10/11	10:10	RB	08/11/11	AQ	Ground Water	137675-MW-05S
JA83370-6	08/10/11	12:15	RB	08/11/11	AQ	Ground Water	137675-MW-07D
JA83370-7	08/10/11	12:00	RB	08/11/11	AQ	Ground Water	137675-MW-07S
JA83370-8	08/10/11	13:45	RB	08/11/11	AQ	Ground Water	137675-MW-08D
JA83370-9	08/10/11	13:35	RB	08/11/11	AQ	Ground Water	137675-MW-08S
JA83370-10	08/10/11	13:00	RB	08/11/11	AQ	Ground Water	137675-RW-01
JA83370-11	08/10/11	13:05	RB	08/11/11	AQ	Ground Water	137675-RW-03
JA83370-12	08/10/11	13:10	RB	08/11/11	AQ	Ground Water	137675-RW-10

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Shell Oil Products US	**Job No**	JA83370
Site:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Sprin	**Report Date**	9/2/2011 11:23:08 AM

On 08/11/2011, 12 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 4.4 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA83370 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** V2C3911

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83370-1MS, JA83370-1MSD were used as the QC samples indicated.

Matrix: AQ **Batch ID:** V2C3912

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA83370-8MS, JA83370-8MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for Methyl Tert Butyl Ether are outside control limits. Outside control limits due to high level in sample relative to spike amount.

Volatiles by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** GLM2025

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA83394-1MS, JA83394-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Matrix: AQ **Batch ID:** GLM2027

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83370-11MS, JA83370-11MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** OP51315

- All samples were extracted within the recommended method holding time.
- Sample(s) JA83370-1MS, JA83370-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

New Jersey

ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	137675-MW-02		
Lab Sample ID:	JA83370-1	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2C85666.D	1	08/16/11	DR	n/a	n/a	V2C3911
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-02		
Lab Sample ID:	JA83370-1	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.34	1.0	0.18	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-02		
Lab Sample ID:	JA83370-1	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	104%		70-127%
2037-26-5	Toluene-D8	105%		79-120%
460-00-4	4-Bromofluorobenzene	97%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-02		
Lab Sample ID:	JA83370-1	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50536.D	1	08/19/11	RP	n/a	n/a	GLM2025
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	93%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-02		
Lab Sample ID:	JA83370-1	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33893.D	1	08/25/11	VDT	08/16/11	OP51315	G3Z1041
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	90%		34-131%
16416-32-3	Tetracosane-d50	81%		15-119%
438-22-2	5a-Androstane	83%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-04		
Lab Sample ID:	JA83370-2	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2C85667.D	1	08/16/11	DR	n/a	n/a	V2C3911
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	0.28	1.0	0.21	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-04		
Lab Sample ID:	JA83370-2	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.3	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-04		
Lab Sample ID:	JA83370-2	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		70-127%
2037-26-5	Toluene-D8	106%		79-120%
460-00-4	4-Bromofluorobenzene	98%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-04		
Lab Sample ID:	JA83370-2	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50535.D	1	08/19/11	RP	n/a	n/a	GLM2025
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	93%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-04		
Lab Sample ID:	JA83370-2	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33894.D	1	08/25/11	VDT	08/16/11	OP51315	G3Z1041
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	95%		34-131%
16416-32-3	Tetracosane-d50	85%		15-119%
438-22-2	5a-Androstane	95%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-05D		
Lab Sample ID:	JA83370-3	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2C85668.D	1	08/16/11	DR	n/a	n/a	V2C3911
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-05D		
Lab Sample ID:	JA83370-3	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	0.48	1.0	0.32	ug/l	J
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-05D		
Lab Sample ID:	JA83370-3	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	109%		70-127%
2037-26-5	Toluene-D8	106%		79-120%
460-00-4	4-Bromofluorobenzene	99%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-05D		
Lab Sample ID:	JA83370-3	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50537.D	1	08/19/11	RP	n/a	n/a	GLM2025
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	93%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-05D		
Lab Sample ID:	JA83370-3	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33897.D	1	08/25/11	VDT	08/16/11	OP51315	G3Z1041
Run #2							

	Initial Volume	Final Volume
Run #1	970 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.342	0.10	0.0036	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	105%		34-131%
16416-32-3	Tetracosane-d50	88%		15-119%
438-22-2	5a-Androstane	87%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-05R		
Lab Sample ID:	JA83370-4	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2C85669.D	1	08/16/11	DR	n/a	n/a	V2C3911
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	0.28	1.0	0.19	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-05R		
Lab Sample ID:	JA83370-4	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-05R		
Lab Sample ID:	JA83370-4	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%		70-127%
2037-26-5	Toluene-D8	106%		79-120%
460-00-4	4-Bromofluorobenzene	99%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-05R		
Lab Sample ID:	JA83370-4	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50538.D	1	08/19/11	RP	n/a	n/a	GLM2025
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	93%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-05R		
Lab Sample ID:	JA83370-4	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33898.D	1	08/25/11	VDT	08/16/11	OP51315	G3Z1041
Run #2							

	Initial Volume	Final Volume
Run #1	970 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0036	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	96%		34-131%
16416-32-3	Tetracosane-d50	92%		15-119%
438-22-2	5a-Androstane	93%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-05S		
Lab Sample ID:	JA83370-5	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2C85690.D	1	08/17/11	DR	n/a	n/a	V2C3912
Run #2	2C85691.D	10	08/17/11	DR	n/a	n/a	V2C3912

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	0.31	1.0	0.22	ug/l	J
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	11.0	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.53	1.0	0.22	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-05S		
Lab Sample ID:	JA83370-5	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	982 [a]	10	1.8	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	757	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	20.6	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	0.79	1.0	0.32	ug/l	J
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	0.25	1.0	0.17	ug/l	J
1330-20-7	Xylene (total)	0.25	1.0	0.17	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	101%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-05S		
Lab Sample ID:	JA83370-5	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	103%	101%	70-127%
2037-26-5	Toluene-D8	105%	105%	79-120%
460-00-4	4-Bromofluorobenzene	99%	97%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-05S		
Lab Sample ID:	JA83370-5	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50558.D	1	08/22/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.639	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-05S		
Lab Sample ID:	JA83370-5	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33899.D	1	08/25/11	VDT	08/16/11	OP51315	G3Z1041
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.119	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	95%		34-131%
16416-32-3	Tetracosane-d50	89%		15-119%
438-22-2	5a-Androstane	93%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-07D		
Lab Sample ID:	JA83370-6	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2C85692.D	1	08/17/11	DR	n/a	n/a	V2C3912
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-07D		
Lab Sample ID:	JA83370-6	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-07D		
Lab Sample ID:	JA83370-6	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	103%		70-127%
2037-26-5	Toluene-D8	105%		79-120%
460-00-4	4-Bromofluorobenzene	100%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-07D		
Lab Sample ID:	JA83370-6	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50539.D	1	08/19/11	RP	n/a	n/a	GLM2025
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	92%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-07D		
Lab Sample ID:	JA83370-6	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33900.D	1	08/25/11	VDT	08/16/11	OP51315	G3Z1041
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	99%		34-131%
16416-32-3	Tetracosane-d50	90%		15-119%
438-22-2	5a-Androstane	92%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-07S		
Lab Sample ID:	JA83370-7	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2C85694.D	1	08/17/11	DR	n/a	n/a	V2C3912
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-07S		
Lab Sample ID:	JA83370-7	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	37.0	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	6.0	25	1.9	ug/l	J
994-05-8	tert-Amyl Methyl Ether	0.76	5.0	0.33	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-07S		
Lab Sample ID:	JA83370-7	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		70-127%
2037-26-5	Toluene-D8	105%		79-120%
460-00-4	4-Bromofluorobenzene	98%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-07S		
Lab Sample ID:	JA83370-7	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50540.D	1	08/19/11	RP	n/a	n/a	GLM2025
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-07S		
Lab Sample ID:	JA83370-7	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33901.D	1	08/25/11	VDT	08/16/11	OP51315	G3Z1041
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	91%		34-131%
16416-32-3	Tetracosane-d50	82%		15-119%
438-22-2	5a-Androstane	87%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-08D		
Lab Sample ID:	JA83370-8	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2C85688.D	5	08/17/11	DR	n/a	n/a	V2C3912
Run #2	2C85689.D	50	08/17/11	DR	n/a	n/a	V2C3912

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	38	ug/l	
71-43-2	Benzene	4.0	5.0	1.1	ug/l	J
108-86-1	Bromobenzene	ND	25	0.91	ug/l	
74-97-5	Bromochloromethane	ND	25	2.0	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	1.1	ug/l	
75-25-2	Bromoform	ND	20	1.2	ug/l	
74-83-9	Bromomethane	ND	10	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	15	ug/l	
104-51-8	n-Butylbenzene	ND	25	1.7	ug/l	
135-98-8	sec-Butylbenzene	ND	25	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	25	1.2	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.97	ug/l	
108-90-7	Chlorobenzene	ND	5.0	1.1	ug/l	
75-00-3	Chloroethane	ND	5.0	1.8	ug/l	
67-66-3	Chloroform	ND	5.0	1.0	ug/l	
74-87-3	Chloromethane	ND	5.0	1.1	ug/l	
95-49-8	o-Chlorotoluene	ND	25	0.95	ug/l	
106-43-4	p-Chlorotoluene	ND	25	0.96	ug/l	
108-20-3	Di-Isopropyl ether	13.1	25	1.3	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	6.3	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	10	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.92	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.4	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.3	ug/l	
75-71-8	Dichlorodifluoromethane	ND	25	1.6	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	0.96	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.90	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	1.4	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	1.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	1.6	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.1	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-08D		
Lab Sample ID:	JA83370-8	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	25	0.97	ug/l	
594-20-7	2,2-Dichloropropane	ND	25	1.3	ug/l	
563-58-6	1,1-Dichloropropene	ND	25	1.8	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.1	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.93	ug/l	
100-41-4	Ethylbenzene	ND	5.0	1.1	ug/l	
87-68-3	Hexachlorobutadiene	ND	25	1.2	ug/l	
98-82-8	Isopropylbenzene	2.3	10	0.97	ug/l	J
99-87-6	p-Isopropyltoluene	ND	25	0.94	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2950 [a]	50	9.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	25	6.1	ug/l	
74-95-3	Methylene bromide	ND	25	2.3	ug/l	
75-09-2	Methylene chloride	ND	10	1.0	ug/l	
91-20-3	Naphthalene	14.8	25	3.4	ug/l	J
103-65-1	n-Propylbenzene	ND	25	0.87	ug/l	
100-42-5	Styrene	ND	25	1.1	ug/l	
75-65-0	Tert Butyl Alcohol	674	130	9.3	ug/l	
994-05-8	tert-Amyl Methyl Ether	16.4	25	1.6	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	25	1.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	1.2	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.6	ug/l	
108-88-3	Toluene	ND	5.0	0.73	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	25	3.4	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	25	0.75	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.2	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.2	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.1	ug/l	
75-69-4	Trichlorofluoromethane	ND	25	1.8	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	25	2.7	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	25	0.90	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	25	1.1	ug/l	
75-01-4	Vinyl chloride	ND	5.0	1.3	ug/l	
	m,p-Xylene	ND	5.0	1.6	ug/l	
95-47-6	o-Xylene	8.5	5.0	0.87	ug/l	
1330-20-7	Xylene (total)	8.5	5.0	0.87	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	102%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-08D		
Lab Sample ID:	JA83370-8	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	101%	101%	70-127%
2037-26-5	Toluene-D8	105%	105%	79-120%
460-00-4	4-Bromofluorobenzene	98%	99%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-08D		
Lab Sample ID:	JA83370-8	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50550.D	1	08/22/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.73	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	95%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-08D		
Lab Sample ID:	JA83370-8	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33902.D	1	08/25/11	VDT	08/16/11	OP51315	G3Z1041
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.177	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	82%		34-131%
16416-32-3	Tetracosane-d50	94%		15-119%
438-22-2	5a-Androstane	92%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-08S		
Lab Sample ID:	JA83370-9	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2C85695.D	1	08/17/11	DR	n/a	n/a	V2C3912
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	0.37	5.0	0.25	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-08S		
Lab Sample ID:	JA83370-9	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	12.6	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-08S		
Lab Sample ID:	JA83370-9	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	106%		70-127%
2037-26-5	Toluene-D8	105%		79-120%
460-00-4	4-Bromofluorobenzene	99%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-08S		
Lab Sample ID:	JA83370-9	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50556.D	1	08/22/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-08S		
Lab Sample ID:	JA83370-9	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33903.D	1	08/25/11	VDT	08/16/11	OP51315	G3Z1041
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	98%		34-131%
16416-32-3	Tetracosane-d50	89%		15-119%
438-22-2	5a-Androstane	92%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-01		
Lab Sample ID:	JA83370-10	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2C85696.D	1	08/17/11	DR	n/a	n/a	V2C3912
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	0.84	1.0	0.22	ug/l	J
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-01		
Lab Sample ID:	JA83370-10	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	1.2	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	3.1	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	0.70	5.0	0.68	ug/l	J
103-65-1	n-Propylbenzene	0.19	5.0	0.17	ug/l	J
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	0.72	5.0	0.33	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	0.28	1.0	0.15	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.85	5.0	0.18	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	0.29	5.0	0.23	ug/l	J
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	2.5	1.0	0.32	ug/l	
95-47-6	o-Xylene	1.0	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	3.5	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-01		
Lab Sample ID:	JA83370-10	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	108%		70-127%
2037-26-5	Toluene-D8	105%		79-120%
460-00-4	4-Bromofluorobenzene	97%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-01		
Lab Sample ID:	JA83370-10	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50557.D	1	08/22/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	96%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-01		
Lab Sample ID:	JA83370-10	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33904.D	1	08/25/11	VDT	08/16/11	OP51315	G3Z1041
Run #2							

	Initial Volume	Final Volume
Run #1	970 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0036	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	96%		34-131%
16416-32-3	Tetracosane-d50	89%		15-119%
438-22-2	5a-Androstane	91%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-03		
Lab Sample ID:	JA83370-11	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2C85697.D	1	08/17/11	DR	n/a	n/a	V2C3912
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	0.62	1.0	0.22	ug/l	J
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-03		
Lab Sample ID:	JA83370-11	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	0.96	1.0	0.21	ug/l	J
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2.8	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	0.59	5.0	0.33	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	0.18	1.0	0.15	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.63	5.0	0.18	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	1.9	1.0	0.32	ug/l	
95-47-6	o-Xylene	0.83	1.0	0.17	ug/l	J
1330-20-7	Xylene (total)	2.7	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-03		
Lab Sample ID:	JA83370-11	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	109%		70-127%
2037-26-5	Toluene-D8	106%		79-120%
460-00-4	4-Bromofluorobenzene	100%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-03		
Lab Sample ID:	JA83370-11	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50549.D	1	08/22/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-03		
Lab Sample ID:	JA83370-11	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33916.D	1	08/25/11	VDT	08/16/11	OP51315	G3Z1042
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0036	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	91%		34-131%
16416-32-3	Tetracosane-d50	82%		15-119%
438-22-2	5a-Androstane	88%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-10		
Lab Sample ID:	JA83370-12	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2C85698.D	1	08/17/11	DR	n/a	n/a	V2C3912
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	0.56	1.0	0.22	ug/l	J
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-10		
Lab Sample ID:	JA83370-12	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	0.65	1.0	0.21	ug/l	J
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2.9	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	0.63	5.0	0.33	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.47	5.0	0.18	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	1.6	1.0	0.32	ug/l	
95-47-6	o-Xylene	0.68	1.0	0.17	ug/l	J
1330-20-7	Xylene (total)	2.3	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-10		
Lab Sample ID:	JA83370-12	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		70-127%
2037-26-5	Toluene-D8	104%		79-120%
460-00-4	4-Bromofluorobenzene	97%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-10		
Lab Sample ID:	JA83370-12	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50541.D	1	08/19/11	RP	n/a	n/a	GLM2025
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	95%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-10		
Lab Sample ID:	JA83370-12	**Date Sampled:**	08/10/11
Matrix:	AQ - Ground Water	**Date Received:**	08/11/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33915.D	1	08/25/11	VDT	08/16/11	OP51315	G3Z1042
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	94%		34-131%
16416-32-3	Tetracosane-d50	88%		15-119%
438-22-2	5a-Androstane	92%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New Jersey

ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

FED EX - 8768 8886 3278

Shell Oil Products Chain Of Custody Record

URS

LAB (LOCATION)
- ☐ XENCO ( )
- ☐ Test America ( )
- ☑ OTHER ( )
- ☐ SPL ( )

Lab Vendor #

Please Check Appropriate Box:
- ☑ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP # 137675

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 8-10-11

PAGE: 1 of 4

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

TELEPHONE: 301-258-9780 FAX: 301-869-8728

Bill To Contact E-MAIL: adriane_rogers@urscorp.com

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring State: MD GLOBAL ID NO.:

EDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers

PHONE NO.: 301-258-9780

E-MAIL: adriane_rogers@urscorp.com

CONSULTANT PROJECT NO.: 137675

SAMPLER NAME(S) (Print): Robert Burns

LAB USE ONLY: JA83370

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1 Cooler #2 Cooler #3

SPECIAL INSTRUCTIONS OR NOTES :
- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED
- ☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	Full List VOCs & Oxy 5 (8260B)	FIELD NOTES: Container PID Readings or Laboratory Notes
	137675 - 750 BND			GW	x					7	X	X	X	
	137675 - 750 BNR			GW	x					7	X	X	X	VTC28
	137675 - 750 BNS			GW	x					7	X	X	X	2229
	137675 - 730BND			GW	x					7	X	X	X	
	137675 - 730BNS			GW	x					7	X	X	X	
1	137675 - MW-02	8-10-11	1405	GW	x					7	X	X	X	
2	137675 - MW-04	8-10-11	1440	GW	x					7	X	X	X	
3	137675 - MW-05D	8-10-11	0935	GW	x					7	X	X	X	
4	137675 - MW-05R	8-10-11	0900	GW	x					7	X	X	X	
5	137675 - MW-05S	8-10-11	1010	GW	x					7	X	X	X	
	137675 - MW-06D			GW	x					7	X	X	X	
	~~137675 - MW-06R~~			GW	x					7	X	X	X	

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Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2/06 Revision

JA 3 coolers

Temp - 3.8°c, 4.4°c, 4.1°c

JA83370: Chain of Custody

Page 1 of 5

Shell Oil Products Chain Of Custody Record

URS

LAB (LOCATION)
- [ ] XENCO ( )
- [ ] Test America ( )
- [x] OTHER ( )
  - [x] Lab Vendor # ( )
- [ ] SPL ( )

Lab Vendor #

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP # 137675

[ ] CHECK IF NO INCIDENT # APPLIES

DATE: 8-10-11

PAGE: 2 of 4

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

TELEPHONE: 301-258-9780

FAX: 301-869-8728

Bill To Contact E-MAIL: adriane_rogers@urscorp.com

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring

State: MD

GLOBAL ID NO.:

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PHONE NO.: 301-258-9780

E-MAIL: adriane_rogers@urscorp.com

CONSULTANT PROJECT NO.: 137675

SAMPLER NAME(S) (Print): Robert Burni

LAB USE ONLY: JA83370

TURNAROUND TIME (CALENDAR DAYS):
- [x] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [ ] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY:

DELIVERABLES: [ ] LEVEL 1 [x] LEVEL 2 [ ] LEVEL 3 [ ] LEVEL 4 [ ] OTHER (SPECIFY) ____

TEMPERATURE ON RECEIPT C° Cooler #1 Cooler #2 Cooler #3

SPECIAL INSTRUCTIONS OR NOTES :
- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED
- [ ] PROVIDE LEDD DISK

REQUESTED ANALYSIS

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	Full List VOCs & Oxy 5 (8260B)
	137675 - MW-06S			GW	x					7	X	X	X
6	137675 - MW-07D	8-10-11	1215	GW	x					7	X	X	X
7	137675 - MW-07S	8-10-11	1200	GW	x					7	X	X	X
8	137675 - MW-08D	8-10-11	1345	GW	x					7	X	X	X
9	137675 - MW-08S	8-10-11	1335	GW	x					7	X	X	X
	137675 - MW-09D			GW	x					7	X	X	X
	137675 - MW-09S			GW	x					7	X	X	X
	137675 - MW-11D			GW	x					7	X	X	X
	137675 - MW-11R			GW	x					7	X	X	X
	137675 - MW-11S			GW	x					7	X	X	X

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Relinquished by: (Signature)	Received by: (Signature)	Date: 8-11-11	Time: 1600
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2/06 Revision

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4

JA83370: Chain of Custody

Page 2 of 5

Shell Oil Products Chain Of Custody Record

URS

LAB (LOCATION)
- ☐ XENCO ( )
- ☐ Test America ( )
- ☑ OTHER ( ) ☑ Lab Vendor # ( )
- ☐ SPL ( )

Lab Vendor #

Please Check Appropriate Box:
- ☑ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SOBCH
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP # 137675

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 8/1/11

PAGE: 3 of 4

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

TELEPHONE: 301-258-9780

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SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring

State: MD

GLOBAL ID NO.:

PDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers

PHONE NO.: 301-258-9780

E-MAIL: adriane_rogers@urscorp.com

CONSULTANT PROJECT NO.: 137675

SAMPLER NAME(S) (Print): Robert Brown

LAB USE ONLY: JA83370

TURNAROUND TIME (CALENDAR DAYS):
- ☑ STANDARD (14 DAY)
- ☐ 5 DAYS
- ☐ 3 DAYS
- ☐ 2 DAYS
- ☐ 24 HOURS
- ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1 | Cooler #2 | Cooler #3

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REQUESTED ANALYSIS

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	Full List VOCs & Oxy 5 (8260B)
	137675 - MW-17S			GW	x					7	X	X	X
	137675 - MW-17W			GW	x					7	X	X	X
	137675 - MW-18			GW	x					7	X	X	X
	137675 - MW-24S			GW	x					7	X	X	X
	137675 - MW-24D			GW	x					7	X	X	X
	137675 - MW-25S			GW	x					7	X	X	X
	137675 - MW-25D			GW	x					7	X	X	X
	137675 - MW-26S			GW	x					7	X	X	X
	137675 - MW-26D			GW	x					7	X	X	X
10	137675 - RW-01	8-1-11	1300	GW	x					7	X	X	X

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FX		
FX		8/1/11	1000

05/2006 Revision

JA83370: Chain of Custody
Page 3 of 5

Shell Oil Products Chain Of Custody Record

URS

LAB (LOCATION)
- [ ] XENCO ( )
- [ ] Test America ( )
- [x] OTHER ( )
  - [x] Lab Vendor # ( )
- [ ] SPL ( )

Lab Vendor #

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA STATION
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP #: 137675

[ ] CHECK IF NO INCIDENT # APPLIES

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PAGE: 4 of 4

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CONSULTANT PROJECT NO.: 137675

SAMPLER NAME(S) (Print): Robert Burn

LAB USE ONLY: J#83370

TURNAROUND TIME (CALENDAR DAYS):
- [x] STANDARD (14 DAY)
- [ ] 5 DAYS
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- [ ] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY:

DELIVERABLES: [ ] LEVEL 1 [x] LEVEL 2 [ ] LEVEL 3 [ ] LEVEL 4 [ ] OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1 | Cooler #2 | Cooler #3

SPECIAL INSTRUCTIONS OR NOTES:
- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED
- [ ] PROVIDE LEDD DISK

REQUESTED ANALYSIS

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	Full List VOCs & Oxy 5 (8260B)
11	137675 - RW-03	8-10-11	1305	GW	x					7	x	x	x
12	137675 - RW-10	8-10-11	1340	GW	x					7	x	x	x
	137675 - RW-19			GW	x					7	x	x	x
	137675 - RW-20			GW	x					7	x	x	x
	137675 - RW-21			GW	x					7	x	x	x
	137675 - RW-22			GW	x					7	x	x	x
	137675 - RW-23			GW	x					7	x	x	x
	137675 - TF-01			GW	x					7	x	x	x
	~~137675 - TF-02~~			GW	x					7	x	x	x

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	FED		
FED		8-11-11	10:00

05/2/06 Revision

JA83370: Chain of Custody
Page 4 of 5

Accutest Laboratories Sample Receipt Summary

Accutest Job Number JA83370 **Client:**

Date / Time Received: 8/11/2011 **Project:**

No. Coolers: 3 **Airbill #'s:** **Delivery Method:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

New Jersey
ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2C3911-MB	2C85661.D	1	08/16/11	DR	n/a	n/a	V2C3911

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83370-1, JA83370-2, JA83370-3, JA83370-4

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	

Method Blank Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2C3911-MB	2C85661.D	1	08/16/11	DR	n/a	n/a	V2C3911

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83370-1, JA83370-2, JA83370-3, JA83370-4

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

Method Blank Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2C3911-MB	2C85661.D	1	08/16/11	DR	n/a	n/a	V2C3911

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83370-1, JA83370-2, JA83370-3, JA83370-4

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	77-120%
17060-07-0	1,2-Dichloroethane-D4	103%	70-127%
2037-26-5	Toluene-D8	106%	79-120%
460-00-4	4-Bromofluorobenzene	100%	76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2C3912-MB	2C85683.D	1	08/16/11	DR	n/a	n/a	V2C3912

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83370-5, JA83370-6, JA83370-7, JA83370-8, JA83370-9, JA83370-10, JA83370-11, JA83370-12

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	

Method Blank Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2C3912-MB	2C85683.D	1	08/16/11	DR	n/a	n/a	V2C3912

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83370-5, JA83370-6, JA83370-7, JA83370-8, JA83370-9, JA83370-10, JA83370-11, JA83370-12

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

Method Blank Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2C3912-MB	2C85683.D	1	08/16/11	DR	n/a	n/a	V2C3912

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83370-5, JA83370-6, JA83370-7, JA83370-8, JA83370-9, JA83370-10, JA83370-11, JA83370-12

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	77-120%
17060-07-0	1,2-Dichloroethane-D4	97%	70-127%
2037-26-5	Toluene-D8	105%	79-120%
460-00-4	4-Bromofluorobenzene	96%	76-118%

Blank Spike Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2C3911-BS	2C85662.D	1	08/16/11	DR	n/a	n/a	V2C3911

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83370-1, JA83370-2, JA83370-3, JA83370-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	58.6	117	49-142
71-43-2	Benzene	50	47.4	95	76-119
108-86-1	Bromobenzene	50	50.6	101	77-123
74-97-5	Bromochloromethane	50	52.5	105	77-129
75-27-4	Bromodichloromethane	50	51.2	102	81-133
75-25-2	Bromoform	50	55.9	112	72-139
74-83-9	Bromomethane	50	43.9	88	55-140
78-93-3	2-Butanone (MEK)	50	59.5	119	64-132
104-51-8	n-Butylbenzene	50	49.8	100	74-130
135-98-8	sec-Butylbenzene	50	48.6	97	75-125
98-06-6	tert-Butylbenzene	50	49.9	100	76-127
56-23-5	Carbon tetrachloride	50	50.8	102	74-146
108-90-7	Chlorobenzene	50	50.7	101	79-120
75-00-3	Chloroethane	50	43.0	86	60-134
67-66-3	Chloroform	50	49.2	98	77-127
74-87-3	Chloromethane	50	38.2	76	50-128
95-49-8	o-Chlorotoluene	50	49.9	100	78-124
106-43-4	p-Chlorotoluene	50	47.9	96	75-120
108-20-3	Di-Isopropyl ether	50	42.7	85	59-130
96-12-8	1,2-Dibromo-3-chloropropane	50	56.4	113	64-137
124-48-1	Dibromochloromethane	50	53.7	107	77-131
106-93-4	1,2-Dibromoethane	50	54.3	109	76-127
95-50-1	1,2-Dichlorobenzene	50	51.6	103	78-123
541-73-1	1,3-Dichlorobenzene	50	50.0	100	77-124
106-46-7	1,4-Dichlorobenzene	50	49.4	99	76-121
75-71-8	Dichlorodifluoromethane	50	38.1	76	41-138
75-34-3	1,1-Dichloroethane	50	47.8	96	74-124
107-06-2	1,2-Dichloroethane	50	51.4	103	71-138
75-35-4	1,1-Dichloroethene	50	47.5	95	68-126
156-59-2	cis-1,2-Dichloroethene	50	46.5	93	78-131
156-60-5	trans-1,2-Dichloroethene	50	45.8	92	64-119
78-87-5	1,2-Dichloropropane	50	48.4	97	76-121
142-28-9	1,3-Dichloropropane	50	52.9	106	77-120
594-20-7	2,2-Dichloropropane	50	46.8	94	53-143
563-58-6	1,1-Dichloropropene	50	48.2	96	77-125
10061-01-5	cis-1,3-Dichloropropene	50	50.7	101	76-123

Blank Spike Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2C3911-BS	2C85662.D	1	08/16/11	DR	n/a	n/a	V2C3911

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83370-1, JA83370-2, JA83370-3, JA83370-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	53.3	107	74-129
100-41-4	Ethylbenzene	50	48.5	97	77-119
87-68-3	Hexachlorobutadiene	50	52.9	106	66-137
98-82-8	Isopropylbenzene	50	49.7	99	74-125
99-87-6	p-Isopropyltoluene	50	51.8	104	78-128
1634-04-4	Methyl Tert Butyl Ether	100	101	101	72-125
108-10-1	4-Methyl-2-pentanone(MIBK)	50	56.5	113	68-131
74-95-3	Methylene bromide	50	54.0	108	79-129
75-09-2	Methylene chloride	50	47.8	96	73-122
91-20-3	Naphthalene	50	58.8	118	61-136
103-65-1	n-Propylbenzene	50	47.3	95	73-121
100-42-5	Styrene	50	48.2	96	77-121
75-65-0	Tert Butyl Alcohol	250	216	86	67-136
994-05-8	tert-Amyl Methyl Ether	50	52.8	106	69-125
637-92-3	tert-Butyl Ethyl Ether	50	49.4	99	67-129
630-20-6	1,1,1,2-Tetrachloroethane	50	52.4	105	80-128
79-34-5	1,1,2,2-Tetrachloroethane	50	52.3	105	70-121
127-18-4	Tetrachloroethene	50	51.0	102	64-148
108-88-3	Toluene	50	50.6	101	77-122
87-61-6	1,2,3-Trichlorobenzene	50	60.0	120	69-136
120-82-1	1,2,4-Trichlorobenzene	50	59.7	119	73-133
71-55-6	1,1,1-Trichloroethane	50	47.2	94	76-135
79-00-5	1,1,2-Trichloroethane	50	52.7	105	79-125
79-01-6	Trichloroethene	50	48.0	96	80-129
75-69-4	Trichlorofluoromethane	50	47.4	95	66-145
96-18-4	1,2,3-Trichloropropane	50	55.0	110	72-130
95-63-6	1,2,4-Trimethylbenzene	50	49.9	100	77-123
108-67-8	1,3,5-Trimethylbenzene	50	49.6	99	76-123
75-01-4	Vinyl chloride	50	41.0	82	56-133
	m,p-Xylene	100	98.9	99	77-121
95-47-6	o-Xylene	50	50.4	101	80-124
1330-20-7	Xylene (total)	150	149	99	78-121

Blank Spike Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2C3911-BS	2C85662.D	1	08/16/11	DR	n/a	n/a	V2C3911

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83370-1, JA83370-2, JA83370-3, JA83370-4

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	77-120%
17060-07-0	1,2-Dichloroethane-D4	105%	70-127%
2037-26-5	Toluene-D8	107%	79-120%
460-00-4	4-Bromofluorobenzene	97%	76-118%

Blank Spike Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2C3912-BS	2C85684.D	1	08/16/11	DR	n/a	n/a	V2C3912

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83370-5, JA83370-6, JA83370-7, JA83370-8, JA83370-9, JA83370-10, JA83370-11, JA83370-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	58.7	117	49-142
71-43-2	Benzene	50	47.1	94	76-119
108-86-1	Bromobenzene	50	50.6	101	77-123
74-97-5	Bromochloromethane	50	52.5	105	77-129
75-27-4	Bromodichloromethane	50	48.8	98	81-133
75-25-2	Bromoform	50	53.6	107	72-139
74-83-9	Bromomethane	50	45.1	90	55-140
78-93-3	2-Butanone (MEK)	50	58.7	117	64-132
104-51-8	n-Butylbenzene	50	48.0	96	74-130
135-98-8	sec-Butylbenzene	50	47.6	95	75-125
98-06-6	tert-Butylbenzene	50	48.1	96	76-127
56-23-5	Carbon tetrachloride	50	48.7	97	74-146
108-90-7	Chlorobenzene	50	50.3	101	79-120
75-00-3	Chloroethane	50	44.4	89	60-134
67-66-3	Chloroform	50	48.9	98	77-127
74-87-3	Chloromethane	50	40.2	80	50-128
95-49-8	o-Chlorotoluene	50	49.9	100	78-124
106-43-4	p-Chlorotoluene	50	46.5	93	75-120
108-20-3	Di-Isopropyl ether	50	43.0	86	59-130
96-12-8	1,2-Dibromo-3-chloropropane	50	54.7	109	64-137
124-48-1	Dibromochloromethane	50	52.6	105	77-131
106-93-4	1,2-Dibromoethane	50	53.7	107	76-127
95-50-1	1,2-Dichlorobenzene	50	51.2	102	78-123
541-73-1	1,3-Dichlorobenzene	50	49.5	99	77-124
106-46-7	1,4-Dichlorobenzene	50	48.9	98	76-121
75-71-8	Dichlorodifluoromethane	50	37.0	74	41-138
75-34-3	1,1-Dichloroethane	50	48.2	96	74-124
107-06-2	1,2-Dichloroethane	50	48.9	98	71-138
75-35-4	1,1-Dichloroethene	50	47.7	95	68-126
156-59-2	cis-1,2-Dichloroethene	50	48.0	96	78-131
156-60-5	trans-1,2-Dichloroethene	50	47.1	94	64-119
78-87-5	1,2-Dichloropropane	50	48.1	96	76-121
142-28-9	1,3-Dichloropropane	50	51.4	103	77-120
594-20-7	2,2-Dichloropropane	50	39.5	79	53-143
563-58-6	1,1-Dichloropropene	50	46.3	93	77-125
10061-01-5	cis-1,3-Dichloropropene	50	48.3	97	76-123

Blank Spike Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2C3912-BS	2C85684.D	1	08/16/11	DR	n/a	n/a	V2C3912

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83370-5, JA83370-6, JA83370-7, JA83370-8, JA83370-9, JA83370-10, JA83370-11, JA83370-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	51.1	102	74-129
100-41-4	Ethylbenzene	50	47.8	96	77-119
87-68-3	Hexachlorobutadiene	50	50.0	100	66-137
98-82-8	Isopropylbenzene	50	49.2	98	74-125
99-87-6	p-Isopropyltoluene	50	50.4	101	78-128
1634-04-4	Methyl Tert Butyl Ether	100	100	100	72-125
108-10-1	4-Methyl-2-pentanone(MIBK)	50	53.1	106	68-131
74-95-3	Methylene bromide	50	53.1	106	79-129
75-09-2	Methylene chloride	50	48.9	98	73-122
91-20-3	Naphthalene	50	58.1	116	61-136
103-65-1	n-Propylbenzene	50	47.0	94	73-121
100-42-5	Styrene	50	48.3	97	77-121
75-65-0	Tert Butyl Alcohol	250	224	90	67-136
994-05-8	tert-Amyl Methyl Ether	50	50.0	100	69-125
637-92-3	tert-Butyl Ethyl Ether	50	48.7	97	67-129
630-20-6	1,1,1,2-Tetrachloroethane	50	51.1	102	80-128
79-34-5	1,1,2,2-Tetrachloroethane	50	50.2	100	70-121
127-18-4	Tetrachloroethene	50	73.2	146	64-148
108-88-3	Toluene	50	50.1	100	77-122
87-61-6	1,2,3-Trichlorobenzene	50	59.1	118	69-136
120-82-1	1,2,4-Trichlorobenzene	50	57.7	115	73-133
71-55-6	1,1,1-Trichloroethane	50	46.7	93	76-135
79-00-5	1,1,2-Trichloroethane	50	50.5	101	79-125
79-01-6	Trichloroethene	50	47.6	95	80-129
75-69-4	Trichlorofluoromethane	50	46.3	93	66-145
96-18-4	1,2,3-Trichloropropane	50	51.9	104	72-130
95-63-6	1,2,4-Trimethylbenzene	50	49.2	98	77-123
108-67-8	1,3,5-Trimethylbenzene	50	49.2	98	76-123
75-01-4	Vinyl chloride	50	43.6	87	56-133
	m,p-Xylene	100	97.4	97	77-121
95-47-6	o-Xylene	50	50.2	100	80-124
1330-20-7	Xylene (total)	150	148	99	78-121

Blank Spike Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2C3912-BS	2C85684.D	1	08/16/11	DR	n/a	n/a	V2C3912

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83370-5, JA83370-6, JA83370-7, JA83370-8, JA83370-9, JA83370-10, JA83370-11, JA83370-12

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	77-120%
17060-07-0	1,2-Dichloroethane-D4	101%	70-127%
2037-26-5	Toluene-D8	107%	79-120%
460-00-4	4-Bromofluorobenzene	97%	76-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83370-1MS	2C85670.D	1	08/16/11	DR	n/a	n/a	V2C3911
JA83370-1MSD	2C85671.D	1	08/16/11	DR	n/a	n/a	V2C3911
JA83370-1	2C85666.D	1	08/16/11	DR	n/a	n/a	V2C3911

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83370-1, JA83370-2, JA83370-3, JA83370-4

CAS No.	Compound	JA83370-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		50	55.7	111	54.6	109	2	39-150/20
71-43-2	Benzene	ND		50	43.5	87	42.5	85	2	40-139/12
108-86-1	Bromobenzene	ND		50	47.4	95	46.9	94	1	67-131/12
74-97-5	Bromochloromethane	ND		50	49.1	98	49.3	99	0	67-134/12
75-27-4	Bromodichloromethane	ND		50	48.2	96	46.9	94	3	68-135/12
75-25-2	Bromoform	ND		50	52.6	105	53.8	108	2	55-141/14
74-83-9	Bromomethane	ND		50	48.7	97	48.2	96	1	49-145/16
78-93-3	2-Butanone (MEK)	ND		50	56.4	113	54.5	109	3	55-141/15
104-51-8	n-Butylbenzene	ND		50	41.7	83	40.0	80	4	55-139/15
135-98-8	sec-Butylbenzene	ND		50	41.2	82	40.0	80	3	55-137/14
98-06-6	tert-Butylbenzene	ND		50	41.6	83	40.8	82	2	58-137/15
56-23-5	Carbon tetrachloride	ND		50	47.9	96	45.5	91	5	52-155/16
108-90-7	Chlorobenzene	ND		50	46.4	93	45.9	92	1	66-129/11
75-00-3	Chloroethane	ND		50	45.4	91	44.8	90	1	50-140/16
67-66-3	Chloroform	ND		50	45.4	91	44.8	90	1	63-133/13
74-87-3	Chloromethane	ND		50	44.8	90	45.8	92	2	43-138/17
95-49-8	o-Chlorotoluene	ND		50	45.3	91	44.1	88	3	62-132/13
106-43-4	p-Chlorotoluene	ND		50	43.0	86	42.2	84	2	62-129/13
108-20-3	Di-Isopropyl ether	ND		50	42.4	85	42.4	85	0	51-136/11
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	52.7	105	55.3	111	5	57-142/14
124-48-1	Dibromochloromethane	ND		50	51.9	104	51.1	102	2	64-136/12
106-93-4	1,2-Dibromoethane	ND		50	51.4	103	51.9	104	1	69-132/11
95-50-1	1,2-Dichlorobenzene	ND		50	47.1	94	47.5	95	1	69-129/11
541-73-1	1,3-Dichlorobenzene	ND		50	45.2	90	44.0	88	3	66-130/12
106-46-7	1,4-Dichlorobenzene	ND		50	45.3	91	45.0	90	1	66-127/12
75-71-8	Dichlorodifluoromethane	ND		50	50.9	102	49.0	98	4	31-166/20
75-34-3	1,1-Dichloroethane	ND		50	43.3	87	42.0	84	3	58-132/13
107-06-2	1,2-Dichloroethane	ND		50	50.3	101	49.6	99	1	62-145/12
75-35-4	1,1-Dichloroethene	ND		50	42.7	85	42.0	84	2	43-142/17
156-59-2	cis-1,2-Dichloroethene	ND		50	42.8	86	43.2	86	1	55-132/12
156-60-5	trans-1,2-Dichloroethene	ND		50	42.7	85	41.5	83	3	53-132/14
78-87-5	1,2-Dichloropropane	ND		50	44.7	89	44.1	88	1	65-128/12
142-28-9	1,3-Dichloropropane	ND		50	48.3	97	48.6	97	1	68-127/11
594-20-7	2,2-Dichloropropane	ND		50	45.1	90	42.8	86	5	41-146/16
563-58-6	1,1-Dichloropropene	ND		50	43.8	88	41.3	83	6	54-139/15
10061-01-5	cis-1,3-Dichloropropene	ND		50	48.3	97	48.0	96	1	66-130/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83370-1MS	2C85670.D	1	08/16/11	DR	n/a	n/a	V2C3911
JA83370-1MSD	2C85671.D	1	08/16/11	DR	n/a	n/a	V2C3911
JA83370-1	2C85666.D	1	08/16/11	DR	n/a	n/a	V2C3911

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83370-1, JA83370-2, JA83370-3, JA83370-4

CAS No.	Compound	JA83370-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		50	52.1	104	51.1	102	2	64-135/13
100-41-4	Ethylbenzene	ND		50	44.4	89	43.2	86	3	40-140/12
87-68-3	Hexachlorobutadiene	ND		50	44.1	88	43.0	86	3	51-141/16
98-82-8	Isopropylbenzene	ND		50	43.7	87	42.2	84	3	56-138/13
99-87-6	p-Isopropyltoluene	ND		50	42.2	84	40.8	82	3	58-136/14
1634-04-4	Methyl Tert Butyl Ether	0.34	J	50	48.6	97	49.6	99	2	54-136/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		50	50.4	101	51.5	103	2	61-138/14
74-95-3	Methylene bromide	ND		50	50.7	101	50.4	101	1	70-134/12
75-09-2	Methylene chloride	ND		50	44.7	89	45.4	91	2	60-130/13
91-20-3	Naphthalene	ND		50	53.2	106	55.9	112	5	51-149/14
103-65-1	n-Propylbenzene	ND		50	41.0	82	39.4	79	4	51-138/14
100-42-5	Styrene	ND		50	44.2	88	44.3	89	0	59-132/13
75-65-0	Tert Butyl Alcohol	ND		250	203	81	199	80	2	57-153/16
994-05-8	tert-Amyl Methyl Ether	ND		50	47.3	95	48.2	96	2	60-133/11
637-92-3	tert-Butyl Ethyl Ether	ND		50	46.1	92	46.7	93	1	59-134/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		50	48.9	98	49.3	99	1	69-134/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	49.0	98	50.5	101	3	65-128/12
127-18-4	Tetrachloroethene	ND		50	45.8	92	44.6	89	3	52-143/15
108-88-3	Toluene	ND		50	46.9	94	45.2	90	4	47-140/12
87-61-6	1,2,3-Trichlorobenzene	ND		50	52.5	105	52.2	104	1	62-137/14
120-82-1	1,2,4-Trichlorobenzene	ND		50	50.2	100	50.5	101	1	64-136/14
71-55-6	1,1,1-Trichloroethane	ND		50	45.2	90	43.0	86	5	55-146/15
79-00-5	1,1,2-Trichloroethane	ND		50	50.1	100	50.0	100	0	70-129/12
79-01-6	Trichloroethene	ND		50	44.4	89	42.7	85	4	54-142/14
75-69-4	Trichlorofluoromethane	ND		50	50.9	102	48.9	98	4	45-159/19
96-18-4	1,2,3-Trichloropropane	ND		50	50.4	101	50.5	101	0	64-137/13
95-63-6	1,2,4-Trimethylbenzene	ND		50	43.8	88	42.6	85	3	40-147/12
108-67-8	1,3,5-Trimethylbenzene	ND		50	43.9	88	42.4	85	3	50-142/13
75-01-4	Vinyl chloride	ND		50	44.9	90	45.2	90	1	42-145/18
	m,p-Xylene	ND		100	90.3	90	87.5	88	3	39-141/12
95-47-6	o-Xylene	ND		50	45.9	92	45.1	90	2	51-138/12
1330-20-7	Xylene (total)	ND		150	136	91	133	89	2	42-140/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83370-1MS	2C85670.D	1	08/16/11	DR	n/a	n/a	V2C3911
JA83370-1MSD	2C85671.D	1	08/16/11	DR	n/a	n/a	V2C3911
JA83370-1	2C85666.D	1	08/16/11	DR	n/a	n/a	V2C3911

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83370-1, JA83370-2, JA83370-3, JA83370-4

CAS No.	Surrogate Recoveries	MS	MSD	JA83370-1	Limits
1868-53-7	Dibromofluoromethane	103%	104%	102%	77-120%
17060-07-0	1,2-Dichloroethane-D4	107%	105%	104%	70-127%
2037-26-5	Toluene-D8	107%	107%	105%	79-120%
460-00-4	4-Bromofluorobenzene	96%	96%	97%	76-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83370-8MS	2C85685.D	5	08/16/11	DR	n/a	n/a	V2C3912
JA83370-8MSD	2C85686.D	5	08/16/11	DR	n/a	n/a	V2C3912
JA83370-8	2C85688.D	5	08/17/11	DR	n/a	n/a	V2C3912
JA83370-8	2C85689.D	50	08/17/11	DR	n/a	n/a	V2C3912

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83370-5, JA83370-6, JA83370-7, JA83370-8, JA83370-9, JA83370-10, JA83370-11, JA83370-12

CAS No.	Compound	JA83370-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		250	286	114	285	114	0	39-150/20
71-43-2	Benzene	4.0	J	250	229	92	229	92	0	40-139/12
108-86-1	Bromobenzene	ND		250	242	97	242	97	0	67-131/12
74-97-5	Bromochloromethane	ND		250	247	99	250	100	1	67-134/12
75-27-4	Bromodichloromethane	ND		250	232	93	232	93	0	68-135/12
75-25-2	Bromoform	ND		250	250	100	245	98	2	55-141/14
74-83-9	Bromomethane	ND		250	269	108	268	107	0	49-145/16
78-93-3	2-Butanone (MEK)	ND		250	276	110	263	105	5	55-141/15
104-51-8	n-Butylbenzene	ND		250	225	90	231	92	3	55-139/15
135-98-8	sec-Butylbenzene	ND		250	226	90	227	91	0	55-137/14
98-06-6	tert-Butylbenzene	ND		250	227	91	231	92	2	58-137/15
56-23-5	Carbon tetrachloride	ND		250	231	92	235	94	2	52-155/16
108-90-7	Chlorobenzene	ND		250	238	95	240	96	1	66-129/11
75-00-3	Chloroethane	ND		250	255	102	259	104	2	50-140/16
67-66-3	Chloroform	ND		250	229	92	230	92	0	63-133/13
74-87-3	Chloromethane	ND		250	255	102	257	103	1	43-138/17
95-49-8	o-Chlorotoluene	ND		250	239	96	240	96	0	62-132/13
106-43-4	p-Chlorotoluene	ND		250	225	90	225	90	0	62-129/13
108-20-3	Di-Isopropyl ether	13.1	J	250	224	83	225	84	0	51-136/11
96-12-8	1,2-Dibromo-3-chloropropane	ND		250	255	102	241	96	6	57-142/14
124-48-1	Dibromochloromethane	ND		250	251	100	248	99	1	64-136/12
106-93-4	1,2-Dibromoethane	ND		250	257	103	253	101	2	69-132/11
95-50-1	1,2-Dichlorobenzene	ND		250	242	97	242	97	0	69-129/11
541-73-1	1,3-Dichlorobenzene	ND		250	232	93	235	94	1	66-130/12
106-46-7	1,4-Dichlorobenzene	ND		250	232	93	234	94	1	66-127/12
75-71-8	Dichlorodifluoromethane	ND		250	261	104	266	106	2	31-166/20
75-34-3	1,1-Dichloroethane	ND		250	221	88	223	89	1	58-132/13
107-06-2	1,2-Dichloroethane	ND		250	230	92	231	92	0	62-145/12
75-35-4	1,1-Dichloroethene	ND		250	229	92	229	92	0	43-142/17
156-59-2	cis-1,2-Dichloroethene	ND		250	222	89	229	92	3	55-132/12
156-60-5	trans-1,2-Dichloroethene	ND		250	220	88	221	88	0	53-132/14
78-87-5	1,2-Dichloropropane	ND		250	228	91	229	92	0	65-128/12
142-28-9	1,3-Dichloropropane	ND		250	243	97	243	97	0	68-127/11
594-20-7	2,2-Dichloropropane	ND		250	195	78	194	78	1	41-146/16
563-58-6	1,1-Dichloropropene	ND		250	223	89	224	90	0	54-139/15
10061-01-5	cis-1,3-Dichloropropene	ND		250	237	95	235	94	1	66-130/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83370-8MS	2C85685.D	5	08/16/11	DR	n/a	n/a	V2C3912
JA83370-8MSD	2C85686.D	5	08/16/11	DR	n/a	n/a	V2C3912
JA83370-8	2C85688.D	5	08/17/11	DR	n/a	n/a	V2C3912
JA83370-8	2C85689.D	50	08/17/11	DR	n/a	n/a	V2C3912

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83370-5, JA83370-6, JA83370-7, JA83370-8, JA83370-9, JA83370-10, JA83370-11, JA83370-12

CAS No.	Compound	JA83370-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		250	244	98	242	97	1	64-135/13
100-41-4	Ethylbenzene	ND		250	229	92	231	92	1	40-140/12
87-68-3	Hexachlorobutadiene	ND		250	239	96	238	95	0	51-141/16
98-82-8	Isopropylbenzene	2.3	J	250	239	96	239	96	0	56-138/13
99-87-6	p-Isopropyltoluene	ND		250	229	92	231	92	1	58-136/14
1634-04-4	Methyl Tert Butyl Ether	2950 [b]		250	2690	-104* [a]	2670	-112* [a]	1	54-136/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		250	254	102	251	100	1	61-138/14
74-95-3	Methylene bromide	ND		250	242	97	244	98	1	70-134/12
75-09-2	Methylene chloride	ND		250	230	92	234	94	2	60-130/13
91-20-3	Naphthalene	14.8	J	250	293	117	293	117	0	51-149/14
103-65-1	n-Propylbenzene	ND		250	221	88	224	90	1	51-138/14
100-42-5	Styrene	ND		250	229	92	229	92	0	59-132/13
75-65-0	Tert Butyl Alcohol	674		1250	1620	68	1620	68	0	57-153/16
994-05-8	tert-Amyl Methyl Ether	16.4	J	250	248	99	244	98	2	60-133/11
637-92-3	tert-Butyl Ethyl Ether	ND		250	225	90	226	90	0	59-134/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		250	243	97	244	98	0	69-134/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		250	251	100	248	99	1	65-128/12
127-18-4	Tetrachloroethene	ND		250	238	95	241	96	1	52-143/15
108-88-3	Toluene	ND		250	242	97	242	97	0	47-140/12
87-61-6	1,2,3-Trichlorobenzene	ND		250	271	108	276	110	2	62-137/14
120-82-1	1,2,4-Trichlorobenzene	ND		250	262	105	265	106	1	64-136/14
71-55-6	1,1,1-Trichloroethane	ND		250	219	88	221	88	1	55-146/15
79-00-5	1,1,2-Trichloroethane	ND		250	245	98	245	98	0	70-129/12
79-01-6	Trichloroethene	ND		250	228	91	228	91	0	54-142/14
75-69-4	Trichlorofluoromethane	ND		250	264	106	262	105	1	45-159/19
96-18-4	1,2,3-Trichloropropane	ND		250	248	99	241	96	3	64-137/13
95-63-6	1,2,4-Trimethylbenzene	ND		250	228	91	231	92	1	40-147/12
108-67-8	1,3,5-Trimethylbenzene	ND		250	232	93	236	94	2	50-142/13
75-01-4	Vinyl chloride	ND		250	254	102	255	102	0	42-145/18
	m,p-Xylene	ND		500	468	94	471	94	1	39-141/12
95-47-6	o-Xylene	8.5		250	244	94	242	93	1	51-138/12
1330-20-7	Xylene (total)	8.5		750	712	94	713	94	0	42-140/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83370-8MS	2C85685.D	5	08/16/11	DR	n/a	n/a	V2C3912
JA83370-8MSD	2C85686.D	5	08/16/11	DR	n/a	n/a	V2C3912
JA83370-8	2C85688.D	5	08/17/11	DR	n/a	n/a	V2C3912
JA83370-8	2C85689.D	50	08/17/11	DR	n/a	n/a	V2C3912

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83370-5, JA83370-6, JA83370-7, JA83370-8, JA83370-9, JA83370-10, JA83370-11, JA83370-12

CAS No.	Surrogate Recoveries	MS	MSD	JA83370-8	JA83370-8	Limits
1868-53-7	Dibromofluoromethane	104%	103%	102%	102%	77-120%
17060-07-0	1,2-Dichloroethane-D4	100%	100%	101%	101%	70-127%
2037-26-5	Toluene-D8	108%	106%	105%	105%	79-120%
460-00-4	4-Bromofluorobenzene	97%	98%	98%	99%	76-118%

(a) Outside control limits due to high level in sample relative to spike amount.
(b) Result is from Run #2.

Instrument Performance Check (BFB)

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2C3866-BFB
Lab File ID: 2C84676.D
Instrument ID: GCMS2C
Injection Date: 07/18/11
Injection Time: 16:59

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	9685	17.1		Pass
75	30.0 - 60.0% of mass 95	25392	44.8		Pass
95	Base peak, 100% relative abundance	56730	100.0		Pass
96	5.0 - 9.0% of mass 95	3818	6.73		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	51565	90.9		Pass
175	5.0 - 9.0% of mass 174	4280	7.54	(8.30) [a]	Pass
176	95.0 - 101.0% of mass 174	50618	89.2	(98.2) [a]	Pass
177	5.0 - 9.0% of mass 176	3413	6.02	(6.74) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2C3866-IC3866	2C84677.D	07/18/11	18:24	01:25	Initial cal 5
V2C3866-IC3866	2C84678.D	07/18/11	18:55	01:56	Initial cal 2
V2C3866-IC3866	2C84679.D	07/18/11	19:26	02:27	Initial cal 1
V2C3866-IC3866	2C84680.D	07/18/11	19:57	02:58	Initial cal 0.5
V2C3866-IC3866	2C84681.D	07/18/11	20:28	03:29	Initial cal 10
V2C3866-IC3866	2C84682.D	07/18/11	20:59	04:00	Initial cal 20
V2C3866-ICC3866	2C84683.D	07/18/11	21:30	04:31	Initial cal 50
V2C3866-IC3866	2C84685.D	07/18/11	22:32	05:33	Initial cal 100
V2C3866-IC3866	2C84686.D	07/18/11	23:03	06:04	Initial cal 200
V2C3866-ICV3866	2C84688A.D	07/19/11	00:37	07:38	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2C3911-BFB
Lab File ID: 2C85658.D
Instrument ID: GCMS2C
Injection Date: 08/16/11
Injection Time: 08:14

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	9751	15.8		Pass
75	30.0 - 60.0% of mass 95	26781	43.5		Pass
95	Base peak, 100% relative abundance	61523	100.0		Pass
96	5.0 - 9.0% of mass 95	4045	6.57		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	62861	102.2		Pass
175	5.0 - 9.0% of mass 174	4775	7.76	(7.60) [a]	Pass
176	95.0 - 101.0% of mass 174	60909	99.0	(96.9) [a]	Pass
177	5.0 - 9.0% of mass 176	3965	6.44	(6.51) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2C3911-CC3866	2C85659.D	08/16/11	08:53	00:39	Continuing cal 20
V2C3911-MB	2C85661.D	08/16/11	10:02	01:48	Method Blank
V2C3911-BS	2C85662.D	08/16/11	10:33	02:19	Blank Spike
ZZZZZZ	2C85664.D	08/16/11	11:49	03:35	(unrelated sample)
ZZZZZZ	2C85665.D	08/16/11	12:20	04:06	(unrelated sample)
JA83370-1	2C85666.D	08/16/11	12:50	04:36	137675-MW-02
JA83370-2	2C85667.D	08/16/11	13:21	05:07	137675-MW-04
JA83370-3	2C85668.D	08/16/11	13:51	05:37	137675-MW-05D
JA83370-4	2C85669.D	08/16/11	14:22	06:08	137675-MW-05R
JA83370-1MS	2C85670.D	08/16/11	14:52	06:38	Matrix Spike
JA83370-1MSD	2C85671.D	08/16/11	15:23	07:09	Matrix Spike Duplicate
ZZZZZZ	2C85673.D	08/16/11	16:24	08:10	(unrelated sample)
ZZZZZZ	2C85674.D	08/16/11	16:55	08:41	(unrelated sample)
ZZZZZZ	2C85675.D	08/16/11	17:25	09:11	(unrelated sample)
ZZZZZZ	2C85676.D	08/16/11	17:56	09:42	(unrelated sample)
ZZZZZZ	2C85677.D	08/16/11	18:26	10:12	(unrelated sample)
ZZZZZZ	2C85678.D	08/16/11	18:57	10:43	(unrelated sample)
ZZZZZZ	2C85679.D	08/16/11	19:27	11:13	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2C3912-BFB
Lab File ID: 2C85680.D
Instrument ID: GCMS2C
Injection Date: 08/16/11
Injection Time: 19:58

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	10559	15.9		Pass
75	30.0 - 60.0% of mass 95	28643	43.2		Pass
95	Base peak, 100% relative abundance	66336	100.0		Pass
96	5.0 - 9.0% of mass 95	4431	6.68		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	67813	102.2		Pass
175	5.0 - 9.0% of mass 174	5166	7.79	(7.62) [a]	Pass
176	95.0 - 101.0% of mass 174	64739	97.6	(95.5) [a]	Pass
177	5.0 - 9.0% of mass 176	4299	6.48	(6.64) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2C3912-CC3866	2C85681.D	08/16/11	20:29	00:31	Continuing cal 50
V2C3912-MB	2C85683.D	08/16/11	21:30	01:32	Method Blank
V2C3912-BS	2C85684.D	08/16/11	22:00	02:02	Blank Spike
JA83370-8MS	2C85685.D	08/16/11	22:31	02:33	Matrix Spike
JA83370-8MSD	2C85686.D	08/16/11	23:01	03:03	Matrix Spike Duplicate
JA83370-8	2C85688.D	08/17/11	00:02	04:04	137675-MW-08D
JA83370-8	2C85689.D	08/17/11	00:33	04:35	137675-MW-08D
JA83370-5	2C85690.D	08/17/11	01:03	05:05	137675-MW-05S
JA83370-5	2C85691.D	08/17/11	01:34	05:36	137675-MW-05S
JA83370-6	2C85692.D	08/17/11	02:04	06:06	137675-MW-07D
JA83370-7	2C85694.D	08/17/11	03:05	07:07	137675-MW-07S
JA83370-9	2C85695.D	08/17/11	03:36	07:38	137675-MW-08S
JA83370-10	2C85696.D	08/17/11	04:06	08:08	137675-RW-01
JA83370-11	2C85697.D	08/17/11	04:37	08:39	137675-RW-03
JA83370-12	2C85698.D	08/17/11	05:07	09:09	137675-RW-10
ZZZZZZ	2C85699.D	08/17/11	05:38	09:40	(unrelated sample)
ZZZZZZ	2C85700.D	08/17/11	06:08	10:10	(unrelated sample)
ZZZZZZ	2C85701.D	08/17/11	06:39	10:41	(unrelated sample)
ZZZZZZ	2C85702.D	08/17/11	07:10	11:12	(unrelated sample)

Volatile Surrogate Recovery Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JA83370-1	2C85666.D	102.0	104.0	105.0	97.0
JA83370-2	2C85667.D	103.0	107.0	106.0	98.0
JA83370-3	2C85668.D	104.0	109.0	106.0	99.0
JA83370-4	2C85669.D	102.0	105.0	106.0	99.0
JA83370-5	2C85691.D	101.0	101.0	105.0	97.0
JA83370-5	2C85690.D	102.0	103.0	105.0	99.0
JA83370-6	2C85692.D	103.0	103.0	105.0	100.0
JA83370-7	2C85694.D	102.0	107.0	105.0	98.0
JA83370-8	2C85688.D	102.0	101.0	105.0	98.0
JA83370-8	2C85689.D	102.0	101.0	105.0	99.0
JA83370-9	2C85695.D	102.0	106.0	105.0	99.0
JA83370-10	2C85696.D	103.0	108.0	105.0	97.0
JA83370-11	2C85697.D	102.0	109.0	106.0	100.0
JA83370-12	2C85698.D	102.0	107.0	104.0	97.0
JA83370-1MS	2C85670.D	103.0	107.0	107.0	96.0
JA83370-1MSD	2C85671.D	104.0	105.0	107.0	96.0
JA83370-8MS	2C85685.D	104.0	100.0	108.0	97.0
JA83370-8MSD	2C85686.D	103.0	100.0	106.0	98.0
V2C3911-BS	2C85662.D	104.0	105.0	107.0	97.0
V2C3911-MB	2C85661.D	103.0	103.0	106.0	100.0
V2C3912-BS	2C85684.D	104.0	101.0	107.0	97.0
V2C3912-MB	2C85683.D	101.0	97.0	105.0	96.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	77-120%
S2 = 1,2-Dichloroethane-D4	70-127%
S3 = Toluene-D8	79-120%
S4 = 4-Bromofluorobenzene	76-118%

New Jersey

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GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2025-MB2	LM50532.D	1	08/19/11	RP	n/a	n/a	GLM2025

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83370-1, JA83370-2, JA83370-3, JA83370-4, JA83370-6, JA83370-7, JA83370-12

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	94%	68-114%

Method Blank Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2027-MB1	LM50548.D	1	08/22/11	RP	n/a	n/a	GLM2027

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83370-8, JA83370-11

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	94%	68-114%

Method Blank Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2027-MB2	LM50555.D	1	08/22/11	RP	n/a	n/a	GLM2027

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83370-5, JA83370-9, JA83370-10

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	92%	68-114%

Method Blank Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2025-MB1	LM50521.D	1	08/19/11	RP	n/a	n/a	GLM2025

The QC reported here applies to the following samples: **Method:** SW846 8015C

GLM2025-BS, JA83394-1MS, JA83394-1MSD

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	92%	68-114%

Blank Spike Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2025-BS	LM50528.D	1	08/19/11	RP	n/a	n/a	GLM2025

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83370-1, JA83370-2, JA83370-3, JA83370-4, JA83370-6, JA83370-7, JA83370-12

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	7.53	94	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	98%	68-114%

Blank Spike Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2027-BS	LM50553.D	1	08/22/11	RP	n/a	n/a	GLM2027

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83370-5, JA83370-8, JA83370-9, JA83370-10, JA83370-11

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	7.66	96	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	101%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83394-1MS	LM50529.D	1	08/19/11	RP	n/a	n/a	GLM2025
JA83394-1MSD	LM50530.D	1	08/19/11	RP	n/a	n/a	GLM2025
JA83394-1	LM50522.D	1	08/19/11	RP	n/a	n/a	GLM2025

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83370-1, JA83370-2, JA83370-3, JA83370-4, JA83370-6, JA83370-7, JA83370-12

CAS No.	Compound	JA83394-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		8	6.99	87	7.08	89	1	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA83394-1	Limits
98-08-8	aaa-Trifluorotoluene	98%	99%	92%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83370-11MS	LM50551.D	1	08/22/11	RP	n/a	n/a	GLM2027
JA83370-11MSD	LM50552.D	1	08/22/11	RP	n/a	n/a	GLM2027
JA83370-11	LM50549.D	1	08/22/11	RP	n/a	n/a	GLM2027

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83370-5, JA83370-8, JA83370-9, JA83370-10, JA83370-11

CAS No.	Compound	JA83370-11 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		8	7.72	97	7.36	92	5	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA83370-11	Limits
98-08-8	aaa-Trifluorotoluene	101%	101%	94%	68-114%

Volatile Surrogate Recovery Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
JA83370-1	LM50536.D	93.0
JA83370-2	LM50535.D	93.0
JA83370-3	LM50537.D	93.0
JA83370-4	LM50538.D	93.0
JA83370-5	LM50558.D	94.0
JA83370-6	LM50539.D	92.0
JA83370-7	LM50540.D	94.0
JA83370-8	LM50550.D	95.0
JA83370-9	LM50556.D	94.0
JA83370-10	LM50557.D	96.0
JA83370-11	LM50549.D	94.0
JA83370-12	LM50541.D	95.0
GLM2025-BS	LM50528.D	98.0
GLM2025-MB2	LM50532.D	94.0
GLM2027-BS	LM50553.D	101.0
GLM2027-MB1	LM50548.D	94.0
GLM2027-MB2	LM50555.D	92.0
JA83370-11MS	LM50551.D	101.0
JA83370-11MSD	LM50552.D	101.0
JA83394-1MS	LM50529.D	98.0
JA83394-1MSD	LM50530.D	99.0
GLM2025-MB1	LM50521.D	92.0

Surrogate Compounds	Recovery Limits
S1 = aaa-Trifluorotoluene	68-114%

(a) Recovery from GC signal #1

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GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51315-MB1	3Z33891.D	1	08/25/11	VDT	08/16/11	OP51315	G3Z1041

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83370-1, JA83370-2, JA83370-3, JA83370-4, JA83370-5, JA83370-6, JA83370-7, JA83370-8, JA83370-9, JA83370-10, JA83370-11, JA83370-12

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	96%	34-131%
16416-32-3	Tetracosane-d50	67%	15-119%
438-22-2	5a-Androstane	73%	11-119%

Blank Spike Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51315-BS1	3Z33892.D	1	08/25/11	VDT	08/16/11	OP51315	G3Z1041

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83370-1, JA83370-2, JA83370-3, JA83370-4, JA83370-5, JA83370-6, JA83370-7, JA83370-8, JA83370-9, JA83370-10, JA83370-11, JA83370-12

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-DRO (C10-C28)	1	0.681	68	36-118

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	80%	34-131%
16416-32-3	Tetracosane-d50	69%	15-119%
438-22-2	5a-Androstane	68%	11-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51315-MS	3Z34133.D	1	09/01/11	VDT	08/16/11	OP51315	G3Z1046
OP51315-MSD	3Z34134.D	1	09/01/11	VDT	08/16/11	OP51315	G3Z1046
JA83370-1	3Z33893.D	1	08/25/11	VDT	08/16/11	OP51315	G3Z1041

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83370-1, JA83370-2, JA83370-3, JA83370-4, JA83370-5, JA83370-6, JA83370-7, JA83370-8, JA83370-9, JA83370-10, JA83370-11, JA83370-12

CAS No.	Compound	JA83370-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	ND		2.13	2.01	94	2.09	98	4	10-132/38

CAS No.	Surrogate Recoveries	MS	MSD	JA83370-1	Limits
84-15-1	o-Terphenyl	84%	87%	90%	34-131%
16416-32-3	Tetracosane-d50	87%	90%	81%	15-119%
438-22-2	5a-Androstane	92%	90%	83%	11-119%

Semivolatile Surrogate Recovery Summary

Job Number: JA83370
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S2 [a]	S3 [a]
JA83370-1	3Z33893.D	90.0	81.0	83.0
JA83370-2	3Z33894.D	95.0	85.0	95.0
JA83370-3	3Z33897.D	105.0	88.0	87.0
JA83370-4	3Z33898.D	96.0	92.0	93.0
JA83370-5	3Z33899.D	95.0	89.0	93.0
JA83370-6	3Z33900.D	99.0	90.0	92.0
JA83370-7	3Z33901.D	91.0	82.0	87.0
JA83370-8	3Z33902.D	82.0	94.0	92.0
JA83370-9	3Z33903.D	98.0	89.0	92.0
JA83370-10	3Z33904.D	96.0	89.0	91.0
JA83370-11	3Z33916.D	91.0	82.0	88.0
JA83370-12	3Z33915.D	94.0	88.0	92.0
OP51315-BS1	3Z33892.D	80.0	69.0	68.0
OP51315-MB1	3Z33891.D	96.0	67.0	73.0
OP51315-MS	3Z34133.D	84.0	87.0	92.0
OP51315-MSD	3Z34134.D	87.0	90.0	90.0

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	34-131%
S2 = Tetracosane-d50	15-119%
S3 = 5a-Androstane	11-119%

(a) Recovery from GC signal #1

New Jersey
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09/02/11

Technical Report for

Shell Oil Products US

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

INC#97436977

Accutest Job Number: JA83876

Sampling Date: 08/10/11

Report to:

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ATTN: Jenna Anthony

Total number of pages in report: **40**

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Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
VP, Laboratory Director

Client Service contact: Marty Vitanza 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

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Sample Summary

Shell Oil Products US

Job No: JA83876

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD
Project No: INC#97436977

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA83876-1	08/10/11	09:30	RB	08/17/11	DW	Drinking Water	601 BRYANTS NURSERY

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Shell Oil Products US	**Job No**	JA83876
Site:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Sprin	**Report Date**	9/2/2011 12:20:57 PM

On 08/17/2011, 1 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 2.4 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA83876 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method EPA 524.2 REV 4.1

Matrix: AQ **Batch ID:** V1B2724

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83787-11DUP, JA83787-12MS were used as the QC samples indicated.

Volatiles by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** GLM2027

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83370-11MS, JA83370-11MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** OP51344

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83666-1MS, JA83666-1MSD were used as the QC samples indicated.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

New Jersey

ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	601 BRYANTS NURSERY		
Lab Sample ID:	JA83876-1	**Date Sampled:**	08/10/11
Matrix:	DW - Drinking Water	**Date Received:**	08/17/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B59296.D	1	08/18/11	MFH	n/a	n/a	V1B2724
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.5	ug/l	
78-93-3	2-Butanone	ND		5.0	0.91	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.034	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.086	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.15	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.063	ug/l	
75-25-2	Bromoform	ND		0.50	0.11	ug/l	
74-83-9	Bromomethane	ND		0.50	0.21	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.086	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.19	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.052	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.042	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.067	ug/l	
75-00-3	Chloroethane	ND		0.50	0.22	ug/l	
67-66-3	Chloroform	ND		0.50	0.075	ug/l	
74-87-3	Chloromethane	ND		0.50	0.082	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.093	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.058	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.086	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.072	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.13	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.069	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.073	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.12	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.073	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.18	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.092	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.12	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.049	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	601 BRYANTS NURSERY		
Lab Sample ID:	JA83876-1	**Date Sampled:**	08/10/11
Matrix:	DW - Drinking Water	**Date Received:**	08/17/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.069	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.062	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.14	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.085	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.051	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.20	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.076	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.077	ug/l	
110-54-3	Hexane	ND		0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.37	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.096	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.13	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.058	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.28	ug/l	
91-20-3	Naphthalene	ND		0.50	0.12	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.064	ug/l	
100-42-5	Styrene	ND	100	0.50	0.052	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.14	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.065	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.078	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.12	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.058	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.24	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.14	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.089	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.085	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.067	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.083	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.13	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.12	ug/l	
	m,p-Xylene	ND		1.0	0.26	ug/l	
95-47-6	o-Xylene	ND		0.50	0.044	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.044	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	601 BRYANTS NURSERY		
Lab Sample ID:	JA83876-1	**Date Sampled:**	08/10/11
Matrix:	DW - Drinking Water	**Date Received:**	08/17/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	102%		78-114%
460-00-4	4-Bromofluorobenzene	94%		77-115%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	601 BRYANTS NURSERY		
Lab Sample ID:	JA83876-1	**Date Sampled:**	08/10/11
Matrix:	DW - Drinking Water	**Date Received:**	08/17/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50567.D	1	08/22/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND		0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	93%		68-114%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	601 BRYANTS NURSERY		
Lab Sample ID:	JA83876-1	**Date Sampled:**	08/10/11
Matrix:	DW - Drinking Water	**Date Received:**	08/17/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z34007.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND		0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		34-131%
16416-32-3	Tetracosane-d50	82%		15-119%
438-22-2	5a-Androstane	85%		11-119%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New Jersey

ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

DU

LAB (LOCATION)

☐ XENCO (_____)
☐ Test America (_____)
☑ OTHER (_____)
☑ Lab Version # (_____)
☐ SPL (_____)

Lab Vendor #

Shell Oil Products Chain Of Custody Record

URS

Please Check Appropriate Box:

☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER _____

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP # 137675

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 8-16-11

PAGE: 1 of 1

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

TELEPHONE: 301-258-9780 FAX: 301-869-8728

Bill To Contact E-MAIL: adriane_rogers@urscorp.com

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring State: MD

GLOBAL ID NO.:

EDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers

PHONE NO.: 301-258-9780

E-MAIL: adriane_rogers@urscorp.com

CONSULTANT PROJECT NO.: 137675

SAMPLER NAME(S) (Print): Robert Burns

LAB USE ONLY: JA83876

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY) _____

TEMPERATURE ON RECEIPT C°: Cooler #1 Cooler #2 Cooler #3

SPECIAL INSTRUCTIONS OR NOTES:

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☐ RECEIPT VERIFICATION REQUESTED
☐ PROVIDE EEDD DISK

REQUESTED ANALYSIS

FIELD NOTES:

TEMPERATURE ON RECEIPT C°: 2.4°C

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	Full List VOCs + oxy 5 (524.2) Drinking Water	Container PID Readings or Laboratory Notes
	600 Bryants Nursery			DW		✓					X	X	X	
-1	601 Bryants Nursery	8/16	0830	DW	✓					7	X	X	X	2299T EX5
	610 Bryants Nursery			DW							X	X	X	
	611 Bryants Nursery			DW							X	X	X	
	621 Bryants Nursery			DW							X	X	X	
	640 Bryants Nursery			DW							X	X	X	
	650 Bryants Nursery			DW							X	X	X	
	651 Bryants Nursery			DW							X	X	X	
	660 Bryants Nursery			DW							X	X	X	
	661 Bryants Nursery			DW							X	X	X	

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX 8757-9119-4949	1000 8-17-11	
FEDEX		8-17-11	1000

05/2/06 Revision

1B

ALL SAMPLES RECEIVED PRESERVED AS APPLICABLE 8-17-11

~~Field Kits Received~~

JA83876: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number JA83876 **Client:**

Date / Time Received: 8/17/2011 **Project:**

No. Coolers: 1 **Airbill #'s:** **Delivery Method:**

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	

Quality Control Preservatio	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA83876: Chain of Custody
Page 2 of 2

New Jersey

ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2724-MB1	1B59280.D	1	08/18/11	MFH	n/a	n/a	V1B2724

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83876-1

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.5	ug/l	
78-93-3	2-Butanone	ND	5.0	0.91	ug/l	
71-43-2	Benzene	ND	0.50	0.034	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.086	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.15	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.063	ug/l	
75-25-2	Bromoform	ND	0.50	0.11	ug/l	
74-83-9	Bromomethane	ND	0.50	0.21	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.086	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.19	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.052	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.042	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.067	ug/l	
75-00-3	Chloroethane	ND	0.50	0.22	ug/l	
67-66-3	Chloroform	ND	0.50	0.075	ug/l	
74-87-3	Chloromethane	ND	0.50	0.082	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.093	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.058	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.086	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.072	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.13	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.069	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.073	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.12	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.073	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.18	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.092	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.12	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	0.50	0.049	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.069	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.062	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.14	ug/l	

Method Blank Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2724-MB1	1B59280.D	1	08/18/11	MFH	n/a	n/a	V1B2724

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83876-1

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.085	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.051	ug/l	
108-20-3	Di-Isopropyl ether	ND	0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.20	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND	0.50	0.076	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.077	ug/l	
110-54-3	Hexane	ND	0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND	2.0	0.37	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.096	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.13	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.058	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	0.50	0.12	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.064	ug/l	
100-42-5	Styrene	ND	0.50	0.052	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	0.50	0.14	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.065	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.078	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.10	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.12	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.058	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.24	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.14	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.089	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.19	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.085	ug/l	
108-88-3	Toluene	ND	0.50	0.067	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.083	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.13	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND	5.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.12	ug/l	
	m,p-Xylene	ND	1.0	0.26	ug/l	
95-47-6	o-Xylene	ND	0.50	0.044	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.044	ug/l	

Method Blank Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2724-MB1	1B59280.D	1	08/18/11	MFH	n/a	n/a	V1B2724

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83876-1

CAS No.	Surrogate Recoveries		Limits
2199-69-1	1,2-Dichlorobenzene-d4	100%	78-114%
460-00-4	4-Bromofluorobenzene	94%	77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2724-BS	1B59281.D	1	08/18/11	MFH	n/a	n/a	V1B2724

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83876-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	20	24.2	121	70-130
78-93-3	2-Butanone	20	21.5	108	70-130
71-43-2	Benzene	5	4.8	96	70-130
108-86-1	Bromobenzene	5	5.5	110	70-130
74-97-5	Bromochloromethane	5	5.3	106	70-130
75-27-4	Bromodichloromethane	5	4.7	94	70-130
75-25-2	Bromoform	5	5.1	102	70-130
74-83-9	Bromomethane	2	2.3	115	70-130
104-51-8	n-Butylbenzene	5	4.9	98	70-130
135-98-8	sec-Butylbenzene	5	4.8	96	70-130
98-06-6	tert-Butylbenzene	5	4.9	98	70-130
75-15-0	Carbon disulfide	5	4.5	90	70-130
108-90-7	Chlorobenzene	5	5.1	102	70-130
75-00-3	Chloroethane	2	2.3	115	70-130
67-66-3	Chloroform	5	4.7	94	70-130
74-87-3	Chloromethane	2	1.9	95	70-130
95-49-8	o-Chlorotoluene	5	5.2	104	70-130
106-43-4	p-Chlorotoluene	5	5.0	100	70-130
56-23-5	Carbon tetrachloride	5	4.5	90	70-130
75-34-3	1,1-Dichloroethane	5	4.6	92	70-130
75-35-4	1,1-Dichloroethylene	5	4.8	96	70-130
563-58-6	1,1-Dichloropropene	5	4.4	88	70-130
96-12-8	1,2-Dibromo-3-chloropropane	5	5.4	108	70-130
106-93-4	1,2-Dibromoethane	5	5.3	106	70-130
107-06-2	1,2-Dichloroethane	5	4.7	94	70-130
78-87-5	1,2-Dichloropropane	5	4.8	96	70-130
142-28-9	1,3-Dichloropropane	5	5.1	102	70-130
594-20-7	2,2-Dichloropropane	5	4.5	90	70-130
124-48-1	Dibromochloromethane	5	5.1	102	70-130
74-95-3	Dibromomethane	5	5.1	102	70-130
75-71-8	Dichlorodifluoromethane	2	1.9	95	70-130
541-73-1	m-Dichlorobenzene	5	5.4	108	70-130
95-50-1	o-Dichlorobenzene	5	5.5	110	70-130
106-46-7	p-Dichlorobenzene	5	5.3	106	70-130
156-60-5	trans-1,2-Dichloroethylene	5	4.4	88	70-130
156-59-2	cis-1,2-Dichloroethylene	5	4.8	96	70-130

Blank Spike Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2724-BS	1B59281.D	1	08/18/11	MFH	n/a	n/a	V1B2724

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83876-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-01-5	cis-1,3-Dichloropropene	5	5.1	102	70-130
10061-02-6	trans-1,3-Dichloropropene	5	5.1	102	70-130
108-20-3	Di-Isopropyl ether	5	4.2	84	70-130
100-41-4	Ethylbenzene	5	4.8	96	70-130
637-92-3	Ethyl tert Butyl Ether	5	4.7	94	70-130
87-68-3	Hexachlorobutadiene	5	4.9	98	70-130
110-54-3	Hexane	5	4.6	92	70-130
591-78-6	2-Hexanone	20	20.7	104	70-130
98-82-8	Isopropylbenzene	5	4.9	98	70-130
99-87-6	p-Isopropyltoluene	5	5.0	100	70-130
75-09-2	Methylene chloride	5	4.7	94	70-130
1634-04-4	Methyl Tert Butyl Ether	10	9.5	95	70-130
108-10-1	4-Methyl-2-pentanone	20	20.3	102	70-130
91-20-3	Naphthalene	5	5.4	108	70-130
103-65-1	n-Propylbenzene	5	4.9	98	70-130
100-42-5	Styrene	5	4.7	94	70-130
994-05-8	tert-Amyl Methyl Ether	5	4.8	96	70-130
630-20-6	1,1,1,2-Tetrachloroethane	5	5.2	104	70-130
71-55-6	1,1,1-Trichloroethane	5	4.5	90	70-130
79-34-5	1,1,2,2-Tetrachloroethane	5	5.3	106	70-130
79-00-5	1,1,2-Trichloroethane	5	5.3	106	70-130
87-61-6	1,2,3-Trichlorobenzene	5	5.3	106	70-130
96-18-4	1,2,3-Trichloropropane	5	5.6	112	70-130
120-82-1	1,2,4-Trichlorobenzene	5	5.8	116	70-130
95-63-6	1,2,4-Trimethylbenzene	5	5.1	102	70-130
108-67-8	1,3,5-Trimethylbenzene	5	5.0	100	70-130
127-18-4	Tetrachloroethylene	5	5.1	102	70-130
108-88-3	Toluene	5	4.9	98	70-130
79-01-6	Trichloroethylene	5	4.7	94	70-130
75-69-4	Trichlorofluoromethane	2	2.1	105	70-130
75-65-0	Tertiary Butyl Alcohol	25	22.9	92	70-130
75-01-4	Vinyl chloride	2	2.0	100	70-130
	m,p-Xylene	10	10.1	101	70-130
95-47-6	o-Xylene	5	5.1	102	70-130
1330-20-7	Xylenes (total)	15	15.2	101	70-130

Blank Spike Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2724-BS	1B59281.D	1	08/18/11	MFH	n/a	n/a	V1B2724

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83876-1

CAS No.	Surrogate Recoveries	BSP	Limits
2199-69-1	1,2-Dichlorobenzene-d4	108%	78-114%
460-00-4	4-Bromofluorobenzene	98%	77-115%

Matrix Spike Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83787-12MS	1B59288.D	1	08/18/11	MFH	n/a	n/a	V1B2724
JA83787-12	1B59283.D	1	08/18/11	MFH	n/a	n/a	V1B2724

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83876-1

CAS No.	Compound	JA83787-12 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
67-64-1	Acetone	ND		20	18.5	93	41-142
78-93-3	2-Butanone	ND		20	20.4	102	55-129
71-43-2	Benzene	ND		5	4.4	88	53-138
108-86-1	Bromobenzene	ND		5	4.5	90	54-138
74-97-5	Bromochloromethane	ND		5	4.8	96	55-140
75-27-4	Bromodichloromethane	ND		5	4.2	84	57-147
75-25-2	Bromoform	ND		5	3.9	78	47-137
74-83-9	Bromomethane	ND		2	1.9	95	40-162
104-51-8	n-Butylbenzene	ND		5	4.5	90	45-144
135-98-8	sec-Butylbenzene	ND		5	4.5	90	46-145
98-06-6	tert-Butylbenzene	ND		5	4.3	86	48-141
75-15-0	Carbon disulfide	ND		5	4.3	86	35-127
108-90-7	Chlorobenzene	ND		5	4.5	90	54-135
75-00-3	Chloroethane	ND		2	1.9	95	38-153
67-66-3	Chloroform	ND		5	4.4	88	57-151
74-87-3	Chloromethane	ND		2	1.6	80	39-165
95-49-8	o-Chlorotoluene	ND		5	4.6	92	55-142
106-43-4	p-Chlorotoluene	ND		5	4.2	84	55-139
56-23-5	Carbon tetrachloride	ND		5	5.0	100	49-170
75-34-3	1,1-Dichloroethane	ND		5	4.3	86	55-149
75-35-4	1,1-Dichloroethylene	ND		5	4.8	96	42-142
563-58-6	1,1-Dichloropropene	ND		5	4.8	96	46-151
96-12-8	1,2-Dibromo-3-chloropropane	ND		5	4.8	96	48-141
106-93-4	1,2-Dibromoethane	ND		5	4.4	88	57-135
107-06-2	1,2-Dichloroethane	ND		5	4.3	86	59-166
78-87-5	1,2-Dichloropropane	ND		5	4.2	84	53-142
142-28-9	1,3-Dichloropropane	ND		5	4.4	88	58-143
594-20-7	2,2-Dichloropropane	ND		5	4.6	92	38-165
124-48-1	Dibromochloromethane	ND		5	4.2	84	55-138
74-95-3	Dibromomethane	ND		5	4.4	88	61-144
75-71-8	Dichlorodifluoromethane	ND		2	2.4	120	23-172
541-73-1	m-Dichlorobenzene	ND		5	4.4	88	53-138
95-50-1	o-Dichlorobenzene	ND		5	4.5	90	54-140
106-46-7	p-Dichlorobenzene	ND		5	4.4	88	53-137
156-60-5	trans-1,2-Dichloroethylene	ND		5	4.4	88	47-148
156-59-2	cis-1,2-Dichloroethylene	ND		5	4.3	86	51-146

Matrix Spike Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83787-12MS	1B59288.D	1	08/18/11	MFH	n/a	n/a	V1B2724
JA83787-12	1B59283.D	1	08/18/11	MFH	n/a	n/a	V1B2724

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83876-1

CAS No.	Compound	JA83787-12 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
10061-01-5	cis-1,3-Dichloropropene	ND		5	4.2	84	51-136
10061-02-6	trans-1,3-Dichloropropene	ND		5	4.3	86	54-142
108-20-3	Di-Isopropyl ether	ND		5	3.6	72	38-142
100-41-4	Ethylbenzene	ND		5	4.3	86	51-138
637-92-3	Ethyl tert Butyl Ether	ND		5	3.6	72	49-134
87-68-3	Hexachlorobutadiene	ND		5	5.0	100	40-154
110-54-3	Hexane	ND		5	5.3	106	22-142
591-78-6	2-Hexanone	ND		20	19.0	95	53-128
98-82-8	Isopropylbenzene	ND		5	4.5	90	49-139
99-87-6	p-Isopropyltoluene	ND		5	4.5	90	45-141
75-09-2	Methylene chloride	1.5		5	4.9	68	54-137
1634-04-4	Methyl Tert Butyl Ether	ND		5	4.1	82	53-143
108-10-1	4-Methyl-2-pentanone	ND		20	18.6	93	58-127
91-20-3	Naphthalene	ND		5	4.9	98	44-140
103-65-1	n-Propylbenzene	ND		5	4.4	88	50-142
100-42-5	Styrene	ND		5	4.0	80	23-130
994-05-8	tert-Amyl Methyl Ether	ND		5	3.7	74	51-125
630-20-6	1,1,1,2-Tetrachloroethane	ND		5	4.5	90	57-144
71-55-6	1,1,1-Trichloroethane	ND		5	4.6	92	52-164
79-34-5	1,1,2,2-Tetrachloroethane	ND		5	4.6	92	58-138
79-00-5	1,1,2-Trichloroethane	ND		5	4.5	90	59-139
87-61-6	1,2,3-Trichlorobenzene	ND		5	4.7	94	47-141
96-18-4	1,2,3-Trichloropropane	ND		5	4.8	96	56-148
120-82-1	1,2,4-Trichlorobenzene	ND		5	4.6	92	46-137
95-63-6	1,2,4-Trimethylbenzene	ND		5	4.2	84	41-138
108-67-8	1,3,5-Trimethylbenzene	ND		5	4.3	86	45-138
127-18-4	Tetrachloroethylene	ND		5	4.9	98	45-145
108-88-3	Toluene	ND		5	4.6	92	52-134
79-01-6	Trichloroethylene	ND		5	4.6	92	54-143
75-69-4	Trichlorofluoromethane	ND		2	2.3	115	36-167
75-65-0	Tertiary Butyl Alcohol	ND		25	24.4	98	61-132
75-01-4	Vinyl chloride	ND		2	1.9	95	35-162
	m,p-Xylene	ND		10	8.9	89	49-135
95-47-6	o-Xylene	ND		5	4.4	88	49-134
1330-20-7	Xylenes (total)	ND		15	13.4	89	50-134

Matrix Spike Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83787-12MS	1B59288.D	1	08/18/11	MFH	n/a	n/a	V1B2724
JA83787-12	1B59283.D	1	08/18/11	MFH	n/a	n/a	V1B2724

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83876-1

CAS No.	Surrogate Recoveries	MS	JA83787-12	Limits
2199-69-1	1,2-Dichlorobenzene-d4	107%	102%	78-114%
460-00-4	4-Bromofluorobenzene	96%	92%	77-115%

Duplicate Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83787-11DUP	1B59289.D	1	08/18/11	MFH	n/a	n/a	V1B2724
JA83787-11	1B59282.D	1	08/18/11	MFH	n/a	n/a	V1B2724

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83876-1

CAS No.	Compound	JA83787-11 ug/l	Q	DUP ug/l	Q	RPD	Limits
67-64-1	Acetone	ND		ND		nc	10
78-93-3	2-Butanone	ND		ND		nc	12
71-43-2	Benzene	ND		ND		nc	10
108-86-1	Bromobenzene	ND		ND		nc	10
74-97-5	Bromochloromethane	ND		ND		nc	10
75-27-4	Bromodichloromethane	ND		ND		nc	10
75-25-2	Bromoform	ND		ND		nc	10
74-83-9	Bromomethane	ND		ND		nc	10
104-51-8	n-Butylbenzene	ND		ND		nc	10
135-98-8	sec-Butylbenzene	ND		ND		nc	10
98-06-6	tert-Butylbenzene	ND		ND		nc	10
75-15-0	Carbon disulfide	ND		ND		nc	19
108-90-7	Chlorobenzene	ND		ND		nc	10
75-00-3	Chloroethane	ND		ND		nc	10
67-66-3	Chloroform	0.86		0.84		2	12
74-87-3	Chloromethane	ND		ND		nc	10
95-49-8	o-Chlorotoluene	ND		ND		nc	10
106-43-4	p-Chlorotoluene	ND		ND		nc	10
56-23-5	Carbon tetrachloride	ND		ND		nc	10
75-34-3	1,1-Dichloroethane	ND		ND		nc	10
75-35-4	1,1-Dichloroethylene	ND		ND		nc	10
563-58-6	1,1-Dichloropropene	ND		ND		nc	10
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	10
106-93-4	1,2-Dibromoethane	ND		ND		nc	10
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
78-87-5	1,2-Dichloropropane	ND		ND		nc	10
142-28-9	1,3-Dichloropropane	ND		ND		nc	10
594-20-7	2,2-Dichloropropane	ND		ND		nc	10
124-48-1	Dibromochloromethane	ND		ND		nc	10
74-95-3	Dibromomethane	ND		ND		nc	10
75-71-8	Dichlorodifluoromethane	ND		ND		nc	10
541-73-1	m-Dichlorobenzene	ND		ND		nc	10
95-50-1	o-Dichlorobenzene	ND		ND		nc	10
106-46-7	p-Dichlorobenzene	ND		ND		nc	10
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	10

Duplicate Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83787-11DUP	1B59289.D	1	08/18/11	MFH	n/a	n/a	V1B2724
JA83787-11	1B59282.D	1	08/18/11	MFH	n/a	n/a	V1B2724

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83876-1

CAS No.	Compound	JA83787-11 ug/l	Q	DUP ug/l	Q	RPD	Limits
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	10
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	10
108-20-3	Di-Isopropyl ether	ND		ND		nc	10
100-41-4	Ethylbenzene	ND		ND		nc	10
637-92-3	Ethyl tert Butyl Ether	ND		ND		nc	10
87-68-3	Hexachlorobutadiene	ND		ND		nc	10
110-54-3	Hexane	ND		ND		nc	10
591-78-6	2-Hexanone	ND		ND		nc	10
98-82-8	Isopropylbenzene	ND		ND		nc	10
99-87-6	p-Isopropyltoluene	ND		ND		nc	10
75-09-2	Methylene chloride	1.2		1.1		9	10
1634-04-4	Methyl Tert Butyl Ether	0.39	J	0.40	J	3	10
108-10-1	4-Methyl-2-pentanone	ND		ND		nc	10
91-20-3	Naphthalene	ND		ND		nc	10
103-65-1	n-Propylbenzene	ND		ND		nc	10
100-42-5	Styrene	ND		ND		nc	10
994-05-8	tert-Amyl Methyl Ether	ND		ND		nc	10
630-20-6	1,1,1,2-Tetrachloroethane	ND		ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	10
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	10
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	10
96-18-4	1,2,3-Trichloropropane	ND		ND		nc	10
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	10
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	10
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	10
127-18-4	Tetrachloroethylene	ND		ND		nc	10
108-88-3	Toluene	ND		ND		nc	10
79-01-6	Trichloroethylene	ND		ND		nc	10
75-69-4	Trichlorofluoromethane	ND		ND		nc	10
75-65-0	Tertiary Butyl Alcohol	ND		ND		nc	10
75-01-4	Vinyl chloride	ND		ND		nc	10
	m,p-Xylene	ND		ND		nc	10
95-47-6	o-Xylene	ND		ND		nc	10
1330-20-7	Xylenes (total)	ND		ND		nc	10

Duplicate Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83787-11DUP	1B59289.D	1	08/18/11	MFH	n/a	n/a	V1B2724
JA83787-11	1B59282.D	1	08/18/11	MFH	n/a	n/a	V1B2724

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83876-1

CAS No.	Surrogate Recoveries	DUP	JA83787-11	Limits
2199-69-1	1,2-Dichlorobenzene-d4	102%	100%	78-114%
460-00-4	4-Bromofluorobenzene	93%	94%	77-115%

Instrument Performance Check (BFB)

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V1B2664-BFB
Lab File ID: 1B57986.D
Instrument ID: GCMS1B
Injection Date: 07/11/11
Injection Time: 10:07

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	2284	19.5		Pass
75	30.0 - 80.0% of mass 95	5783	49.3		Pass
95	Base peak, 100% relative abundance	11724	100.0		Pass
96	5.0 - 9.0% of mass 95	817	6.97		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	8514	72.6		Pass
175	5.0 - 9.0% of mass 174	659	5.62	(7.74) [a]	Pass
176	95.0 - 101.0% of mass 174	8315	70.9	(97.7) [a]	Pass
177	5.0 - 9.0% of mass 176	526	4.49	(6.33) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1B2664-IC2664	1B57987.D	07/11/11	10:39	00:32	Initial cal 0.5
V1B2664-IC2664	1B57988.D	07/11/11	11:11	01:04	Initial cal 1
V1B2664-IC2664	1B57990.D	07/11/11	12:15	02:08	Initial cal 5
V1B2664-ICC2664	1B57991.D	07/11/11	12:47	02:40	Initial cal 10
V1B2664-IC2664	1B57992.D	07/11/11	13:19	03:12	Initial cal 20
V1B2664-IC2664	1B57993.D	07/11/11	13:51	03:44	Initial cal 40
V1B2664-IC2664	1B57995.D	07/11/11	14:51	04:44	Initial cal 2
V1B2664-ICV2664	1B57996.D	07/11/11	15:34	05:27	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V1B2724-BFB
Lab File ID: 1B59278.D
Instrument ID: GCMS1B
Injection Date: 08/18/11
Injection Time: 08:21

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	1650	16.7		Pass
75	30.0 - 80.0% of mass 95	4523	45.8		Pass
95	Base peak, 100% relative abundance	9874	100.0		Pass
96	5.0 - 9.0% of mass 95	715	7.24		Pass
173	Less than 2.0% of mass 174	17	0.17	(0.22) [a]	Pass
174	50.0 - 120.0% of mass 95	7584	76.8		Pass
175	5.0 - 9.0% of mass 174	602	6.10	(7.94) [a]	Pass
176	95.0 - 101.0% of mass 174	7268	73.6	(95.8) [a]	Pass
177	5.0 - 9.0% of mass 176	512	5.19	(7.04) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1B2724-CC2664	1B59279.D	08/18/11	09:00	00:39	Continuing cal 5
V1B2724-MB1	1B59280.D	08/18/11	09:35	01:14	Method Blank
V1B2724-BS	1B59281.D	08/18/11	10:09	01:48	Blank Spike
JA83787-11	1B59282.D	08/18/11	10:45	02:24	(used for QC only; not part of job JA83876)
JA83787-12	1B59283.D	08/18/11	11:17	02:56	(used for QC only; not part of job JA83876)
ZZZZZZ	1B59284.D	08/18/11	11:49	03:28	(unrelated sample)
ZZZZZZ	1B59285.D	08/18/11	12:20	03:59	(unrelated sample)
ZZZZZZ	1B59286.D	08/18/11	12:52	04:31	(unrelated sample)
ZZZZZZ	1B59287.D	08/18/11	13:24	05:03	(unrelated sample)
JA83787-12MS	1B59288.D	08/18/11	13:56	05:35	Matrix Spike
JA83787-11DUP	1B59289.D	08/18/11	14:28	06:07	Duplicate
ZZZZZZ	1B59290.D	08/18/11	15:00	06:39	(unrelated sample)
ZZZZZZ	1B59291.D	08/18/11	15:32	07:11	(unrelated sample)
ZZZZZZ	1B59292.D	08/18/11	16:04	07:43	(unrelated sample)
ZZZZZZ	1B59293.D	08/18/11	16:36	08:15	(unrelated sample)
ZZZZZZ	1B59294.D	08/18/11	17:08	08:47	(unrelated sample)
ZZZZZZ	1B59295.D	08/18/11	17:40	09:19	(unrelated sample)
JA83876-1	1B59296.D	08/18/11	18:12	09:51	601 BRYANTS NURSERY
ZZZZZZ	1B59297.D	08/18/11	18:44	10:23	(unrelated sample)
ZZZZZZ	1B59298.D	08/18/11	19:16	10:55	(unrelated sample)

Volatile Surrogate Recovery Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: EPA 524.2 REV 4.1 **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2
JA83876-1	1B59296.D	102.0	94.0
JA83787-11DUP	1B59289.D	102.0	93.0
JA83787-12MS	1B59288.D	107.0	96.0
V1B2724-BS	1B59281.D	108.0	98.0
V1B2724-MB1	1B59280.D	100.0	94.0

Surrogate Compounds	Recovery Limits
S1 = 1,2-Dichlorobenzene-d4	78-114%
S2 = 4-Bromofluorobenzene	77-115%

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GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2027-MB3	LM50566.D	1	08/22/11	RP	n/a	n/a	GLM2027

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83876-1

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	93%	68-114%

Method Blank Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2027-MB1	LM50548.D	1	08/22/11	RP	n/a	n/a	GLM2027

The QC reported here applies to the following samples: **Method:** SW846 8015C

GLM2027-BS, JA83370-11MS, JA83370-11MSD

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	94%	68-114%

Blank Spike Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2027-BS	LM50553.D	1	08/22/11	RP	n/a	n/a	GLM2027

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83876-1

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	7.66	96	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	101%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83370-11MS	LM50551.D	1	08/22/11	RP	n/a	n/a	GLM2027
JA83370-11MSD	LM50552.D	1	08/22/11	RP	n/a	n/a	GLM2027
JA83370-11	LM50549.D	1	08/22/11	RP	n/a	n/a	GLM2027

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83876-1

CAS No.	Compound	JA83370-11 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		8	7.72	97	7.36	92	5	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA83370-11	Limits
98-08-8	aaa-Trifluorotoluene	101%	101%	94%	68-114%

Volatile Surrogate Recovery Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
JA83876-1	LM50567.D	93.0
GLM2027-BS	LM50553.D	101.0
GLM2027-MB3	LM50566.D	93.0
JA83370-11MS	LM50551.D	101.0
JA83370-11MSD	LM50552.D	101.0
GLM2027-MB1	LM50548.D	94.0

Surrogate Compounds	Recovery Limits
S1 = aaa-Trifluorotoluene	68-114%

(a) Recovery from GC signal #1

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GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51344-MB1	3Z33990.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83876-1

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	87%	34-131%
16416-32-3	Tetracosane-d50	82%	15-119%
438-22-2	5a-Androstane	84%	11-119%

Blank Spike Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51344-BS1	3Z33991.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83876-1

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-DRO (C10-C28)	1	0.654	65	36-118

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	79%	34-131%
16416-32-3	Tetracosane-d50	68%	15-119%
438-22-2	5a-Androstane	65%	11-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51344-MS	3Z34111.D	1	08/31/11	VDT	08/17/11	OP51344	G3Z1046
OP51344-MSD	3Z34112.D	1	08/31/11	VDT	08/17/11	OP51344	G3Z1046
JA83666-1	3Z33992.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83876-1

CAS No.	Compound	JA83666-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	ND		2.11	1.97	94	1.91	91	3	10-132/38

CAS No.	Surrogate Recoveries	MS	MSD	JA83666-1	Limits
84-15-1	o-Terphenyl	79%	75%	85%	34-131%
16416-32-3	Tetracosane-d50	77%	75%	78%	15-119%
438-22-2	5a-Androstane	80%	78%	79%	11-119%

Semivolatile Surrogate Recovery Summary

Job Number: JA83876
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S2 [a]	S3 [a]
JA83876-1	3Z34007.D	85.0	82.0	85.0
OP51344-BS1	3Z33991.D	79.0	68.0	65.0
OP51344-MB1	3Z33990.D	87.0	82.0	84.0
OP51344-MS	3Z34111.D	79.0	77.0	80.0
OP51344-MSD	3Z34112.D	75.0	75.0	78.0

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	34-131%
S2 = Tetracosane-d50	15-119%
S3 = 5a-Androstane	11-119%

(a) Recovery from GC signal #1

New Jersey
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09/01/11

Technical Report for

Shell Oil Products US

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

INC#97436977

Accutest Job Number: JA83536

Sampling Date: 08/11/11

Report to:

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Total number of pages in report: **139**

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Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
VP, Laboratory Director

Client Service contact: Marty Vitanza 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

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Accutest Laboratories

Sample Summary

Shell Oil Products US

Job No: JA83536

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD
Project No: INC#97436977

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA83536-1	08/11/11	08:40	RB	08/12/11	AQ	Ground Water	137675-MW-13D
JA83536-2	08/11/11	08:50	RB	08/12/11	AQ	Ground Water	137675-MW-13S
JA83536-3	08/11/11	13:30	RB	08/12/11	AQ	Ground Water	137675-MW-14D
JA83536-4	08/11/11	12:45	RB	08/12/11	AQ	Ground Water	137675-MW-14S
JA83536-5	08/11/11	15:00	RB	08/12/11	AQ	Ground Water	137675-MW-15D
JA83536-6	08/11/11	13:30	RB	08/12/11	AQ	Ground Water	137675-MW-15S
JA83536-7	08/11/11	11:45	RB	08/12/11	AQ	Ground Water	137675-MW-16D
JA83536-8	08/11/11	11:30	RB	08/12/11	AQ	Ground Water	137675-MW-16S
JA83536-9	08/11/11	14:30	RB	08/12/11	AQ	Ground Water	137675-MW-17S
JA83536-10	08/11/11	11:30	RB	08/12/11	AQ	Ground Water	137675-MW-24S
JA83536-11	08/11/11	11:40	RB	08/12/11	AQ	Ground Water	137675-MW-25S
JA83536-12	08/11/11	12:00	RB	08/12/11	AQ	Ground Water	137675-MW-26S
JA83536-13	08/11/11	11:50	RB	08/12/11	AQ	Ground Water	137675-MW-26D

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Shell Oil Products US	**Job No**	JA83536
Site:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Sprin	**Report Date**	9/1/2011 3:11:29 PM

On 08/12/2011, 13 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 2.5 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA83536 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** V2B3879

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA83536-5MS, JA83536-5MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for Tetrachloroethene are outside control limits. High percent recoveries and no associated positive found in the QC batch.

Matrix: AQ **Batch ID:** V2B3881

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83679-28MS, JA83679-28MSD were used as the QC samples indicated.

Matrix: AQ **Batch ID:** V2B3884

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83405-29MS, JA83405-29MSD were used as the QC samples indicated.

Matrix: AQ **Batch ID:** V2B3886

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA84205-9MS, JA84205-9MSD were used as the QC samples indicated.

Matrix: AQ **Batch ID:** V2B3888

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83565-1MS, JA83565-1MSD were used as the QC samples indicated.

Matrix: AQ **Batch ID:** V2B3898

- Sample(s) JA84439-8MS, JA84439-8MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The following samples were run outside of holding time for method SW846 8260B: JA83536-10 Sample analyzed outside the holding time but the original run within holding time.
- JA83536-10: Sample analyzed outside the holding time but the original run within holding time.

Volatiles by GC By Method SW846 8015C

Matrix: AQ	**Batch ID:** GLM2027

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83370-11MS, JA83370-11MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8015C

Matrix: AQ	**Batch ID:** OP51328

- All samples were extracted within the recommended method holding time.
- Sample(s) JA83536-1MS, JA83536-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

New Jersey

ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	137675-MW-13D		
Lab Sample ID:	JA83536-1	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86457.D	1	08/19/11	DR	n/a	n/a	V2B3879
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	1.2	5.0	0.25	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-13D		
Lab Sample ID:	JA83536-1	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	140	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	12.0	25	1.9	ug/l	J
994-05-8	tert-Amyl Methyl Ether	3.4	5.0	0.33	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	1.1	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-13D		
Lab Sample ID:	JA83536-1	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	109%		70-127%
2037-26-5	Toluene-D8	98%		79-120%
460-00-4	4-Bromofluorobenzene	96%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-13D		
Lab Sample ID:	JA83536-1	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50560.D	1	08/22/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	95%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-13D		
Lab Sample ID:	JA83536-1	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64889.D	1	08/26/11	VDT	08/16/11	OP51328	GZZ2201
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		34-131%
16416-32-3	Tetracosane-d50	85%		15-119%
438-22-2	5a-Androstane	74%		11-119%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-13S		
Lab Sample ID:	JA83536-2	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86458.D	5	08/19/11	DR	n/a	n/a	V2B3879
Run #2	2B86459.D	50	08/19/11	DR	n/a	n/a	V2B3879

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	38	ug/l	
71-43-2	Benzene	9.7	5.0	1.1	ug/l	
108-86-1	Bromobenzene	ND	25	0.91	ug/l	
74-97-5	Bromochloromethane	ND	25	2.0	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	1.1	ug/l	
75-25-2	Bromoform	ND	20	1.2	ug/l	
74-83-9	Bromomethane	ND	10	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	15	ug/l	
104-51-8	n-Butylbenzene	ND	25	1.7	ug/l	
135-98-8	sec-Butylbenzene	ND	25	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	25	1.2	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.97	ug/l	
108-90-7	Chlorobenzene	ND	5.0	1.1	ug/l	
75-00-3	Chloroethane	ND	5.0	1.8	ug/l	
67-66-3	Chloroform	ND	5.0	1.0	ug/l	
74-87-3	Chloromethane	ND	5.0	1.1	ug/l	
95-49-8	o-Chlorotoluene	ND	25	0.95	ug/l	
106-43-4	p-Chlorotoluene	ND	25	0.96	ug/l	
108-20-3	Di-Isopropyl ether	26.9	25	1.3	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	6.3	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	10	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.92	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.4	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.3	ug/l	
75-71-8	Dichlorodifluoromethane	ND	25	1.6	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	0.96	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.90	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	1.4	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	1.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	1.6	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.1	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-13S		
Lab Sample ID:	JA83536-2	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	25	0.97	ug/l	
594-20-7	2,2-Dichloropropane	ND	25	1.3	ug/l	
563-58-6	1,1-Dichloropropene	ND	25	1.8	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.1	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.93	ug/l	
100-41-4	Ethylbenzene	ND	5.0	1.1	ug/l	
87-68-3	Hexachlorobutadiene	ND	25	1.2	ug/l	
98-82-8	Isopropylbenzene	ND	10	0.97	ug/l	
99-87-6	p-Isopropyltoluene	ND	25	0.94	ug/l	
1634-04-4	Methyl Tert Butyl Ether	3150 [a]	50	9.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	25	6.1	ug/l	
74-95-3	Methylene bromide	ND	25	2.3	ug/l	
75-09-2	Methylene chloride	ND	10	1.0	ug/l	
91-20-3	Naphthalene	ND	25	3.4	ug/l	
103-65-1	n-Propylbenzene	ND	25	0.87	ug/l	
100-42-5	Styrene	ND	25	1.1	ug/l	
75-65-0	Tert Butyl Alcohol	1460	130	9.3	ug/l	
994-05-8	tert-Amyl Methyl Ether	56.7	25	1.6	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	25	1.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	1.2	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.6	ug/l	
108-88-3	Toluene	ND	5.0	0.73	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	25	3.4	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	25	0.75	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.2	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.2	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.1	ug/l	
75-69-4	Trichlorofluoromethane	ND	25	1.8	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	25	2.7	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	25	0.90	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	25	1.1	ug/l	
75-01-4	Vinyl chloride	ND	5.0	1.3	ug/l	
	m,p-Xylene	ND	5.0	1.6	ug/l	
95-47-6	o-Xylene	ND	5.0	0.87	ug/l	
1330-20-7	Xylene (total)	ND	5.0	0.87	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%	99%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-13S		
Lab Sample ID:	JA83536-2	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	110%	109%	70-127%
2037-26-5	Toluene-D8	99%	98%	79-120%
460-00-4	4-Bromofluorobenzene	96%	96%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-13S		
Lab Sample ID:	JA83536-2	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50571.D	1	08/22/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.76	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	95%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-13S		
Lab Sample ID:	JA83536-2	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64890.D	1	08/26/11	VDT	08/16/11	OP51328	GZZ2201
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.137	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	77%		34-131%
16416-32-3	Tetracosane-d50	78%		15-119%
438-22-2	5a-Androstane	68%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-14D		
Lab Sample ID:	JA83536-3	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86618.D	1	08/23/11	DR	n/a	n/a	V2B3886
Run #2	2B86460.D	5	08/19/11	DR	n/a	n/a	V2B3879

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	7.1	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	0.28	5.0	0.20	ug/l	J
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	0.21	1.0	0.21	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	8.2	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	0.35	1.0	0.26	ug/l	J
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	0.39	1.0	0.19	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-14D		
Lab Sample ID:	JA83536-3	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	566 [a]	5.0	0.92	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	0.31	2.0	0.20	ug/l	J
91-20-3	Naphthalene	5.7	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	139	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	7.2	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	0.80	1.0	0.32	ug/l	J
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	0.64	1.0	0.21	ug/l	J
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	0.32	1.0	0.17	ug/l	J
1330-20-7	Xylene (total)	0.32	1.0	0.17	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	99%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-14D		
Lab Sample ID:	JA83536-3	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	104%	110%	70-127%
2037-26-5	Toluene-D8	96%	97%	79-120%
460-00-4	4-Bromofluorobenzene	99%	95%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-14D		
Lab Sample ID:	JA83536-3	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50570.D	1	08/22/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.449	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	95%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-14D		
Lab Sample ID:	JA83536-3	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64963.D	1	08/29/11	VDT	08/16/11	OP51328	GZZ2204
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	96%		34-131%
16416-32-3	Tetracosane-d50	98%		15-119%
438-22-2	5a-Androstane	89%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-14S		
Lab Sample ID:	JA83536-4	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86461.D	5	08/19/11	DR	n/a	n/a	V2B3879
Run #2	2B86462.D	50	08/19/11	DR	n/a	n/a	V2B3879

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	38	ug/l	
71-43-2	Benzene	8.2	5.0	1.1	ug/l	
108-86-1	Bromobenzene	ND	25	0.91	ug/l	
74-97-5	Bromochloromethane	ND	25	2.0	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	1.1	ug/l	
75-25-2	Bromoform	ND	20	1.2	ug/l	
74-83-9	Bromomethane	ND	10	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	15	ug/l	
104-51-8	n-Butylbenzene	ND	25	1.7	ug/l	
135-98-8	sec-Butylbenzene	ND	25	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	25	1.2	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.97	ug/l	
108-90-7	Chlorobenzene	ND	5.0	1.1	ug/l	
75-00-3	Chloroethane	ND	5.0	1.8	ug/l	
67-66-3	Chloroform	ND	5.0	1.0	ug/l	
74-87-3	Chloromethane	ND	5.0	1.1	ug/l	
95-49-8	o-Chlorotoluene	ND	25	0.95	ug/l	
106-43-4	p-Chlorotoluene	ND	25	0.96	ug/l	
108-20-3	Di-Isopropyl ether	11.5	25	1.3	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	6.3	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	10	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.92	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.4	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.3	ug/l	
75-71-8	Dichlorodifluoromethane	ND	25	1.6	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	0.96	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.90	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	1.4	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	1.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	1.6	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.1	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-14S		
Lab Sample ID:	JA83536-4	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	25	0.97	ug/l	
594-20-7	2,2-Dichloropropane	ND	25	1.3	ug/l	
563-58-6	1,1-Dichloropropene	ND	25	1.8	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.1	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.93	ug/l	
100-41-4	Ethylbenzene	ND	5.0	1.1	ug/l	
87-68-3	Hexachlorobutadiene	ND	25	1.2	ug/l	
98-82-8	Isopropylbenzene	ND	10	0.97	ug/l	
99-87-6	p-Isopropyltoluene	ND	25	0.94	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2920 [a]	50	9.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	25	6.1	ug/l	
74-95-3	Methylene bromide	ND	25	2.3	ug/l	
75-09-2	Methylene chloride	ND	10	1.0	ug/l	
91-20-3	Naphthalene	ND	25	3.4	ug/l	
103-65-1	n-Propylbenzene	ND	25	0.87	ug/l	
100-42-5	Styrene	ND	25	1.1	ug/l	
75-65-0	Tert Butyl Alcohol	264	130	9.3	ug/l	
994-05-8	tert-Amyl Methyl Ether	27.4	25	1.6	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	25	1.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	1.2	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.6	ug/l	
108-88-3	Toluene	ND	5.0	0.73	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	25	3.4	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	25	0.75	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.2	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.2	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.1	ug/l	
75-69-4	Trichlorofluoromethane	ND	25	1.8	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	25	2.7	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	25	0.90	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	25	1.1	ug/l	
75-01-4	Vinyl chloride	ND	5.0	1.3	ug/l	
	m,p-Xylene	ND	5.0	1.6	ug/l	
95-47-6	o-Xylene	3.3	5.0	0.87	ug/l	J
1330-20-7	Xylene (total)	3.3	5.0	0.87	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	100%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-14S		
Lab Sample ID:	JA83536-4	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	110%	110%	70-127%
2037-26-5	Toluene-D8	99%	99%	79-120%
460-00-4	4-Bromofluorobenzene	95%	95%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-14S		
Lab Sample ID:	JA83536-4	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50568.D	1	08/22/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.54	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	95%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-14S		
Lab Sample ID:	JA83536-4	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64964.D	1	08/29/11	VDT	08/16/11	OP51328	GZZ2204
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	55%		34-131%
16416-32-3	Tetracosane-d50	54%		15-119%
438-22-2	5a-Androstane	49%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-15D		
Lab Sample ID:	JA83536-5	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86575.D	1	08/22/11	DR	n/a	n/a	V2B3884
Run #2	2B86456.D	10	08/19/11	DR	n/a	n/a	V2B3879

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	1.3	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	0.21	1.0	0.21	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	5.3	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	0.44	1.0	0.19	ug/l	J
107-06-2	1,2-Dichloroethane	0.36	1.0	0.18	ug/l	J
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-15D		
Lab Sample ID:	JA83536-5	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	513 [a]	10	1.8	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	37.1	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	6.4	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	0.81	1.0	0.32	ug/l	J
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	0.78	1.0	0.21	ug/l	J
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	99%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-15D		
Lab Sample ID:	JA83536-5	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	114%	110%	70-127%
2037-26-5	Toluene-D8	99%	98%	79-120%
460-00-4	4-Bromofluorobenzene	96%	94%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-15D		
Lab Sample ID:	JA83536-5	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50563.D	1	08/22/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.327	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	93%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-15D		
Lab Sample ID:	JA83536-5	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64908.D	1	08/26/11	VDT	08/16/11	OP51328	GZZ2202
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	87%		34-131%
16416-32-3	Tetracosane-d50	85%		15-119%
438-22-2	5a-Androstane	75%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-15S		
Lab Sample ID:	JA83536-6	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86463.D	20	08/19/11	DR	n/a	n/a	V2B3879
Run #2	2B86652.D	200	08/24/11	DR	n/a	n/a	V2B3888

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	200	150	ug/l	
71-43-2	Benzene	14.3	20	4.4	ug/l	J
108-86-1	Bromobenzene	ND	100	3.6	ug/l	
74-97-5	Bromochloromethane	ND	100	7.9	ug/l	
75-27-4	Bromodichloromethane	ND	20	4.6	ug/l	
75-25-2	Bromoform	ND	80	4.9	ug/l	
74-83-9	Bromomethane	ND	40	6.3	ug/l	
78-93-3	2-Butanone (MEK)	ND	200	58	ug/l	
104-51-8	n-Butylbenzene	ND	100	6.6	ug/l	
135-98-8	sec-Butylbenzene	ND	100	4.0	ug/l	
98-06-6	tert-Butylbenzene	ND	100	4.7	ug/l	
56-23-5	Carbon tetrachloride	ND	20	3.9	ug/l	
108-90-7	Chlorobenzene	ND	20	4.5	ug/l	
75-00-3	Chloroethane	ND	20	7.3	ug/l	
67-66-3	Chloroform	ND	20	4.1	ug/l	
74-87-3	Chloromethane	ND	20	4.4	ug/l	
95-49-8	o-Chlorotoluene	ND	100	3.8	ug/l	
106-43-4	p-Chlorotoluene	ND	100	3.8	ug/l	
108-20-3	Di-Isopropyl ether	26.9	100	5.0	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	200	25	ug/l	
124-48-1	Dibromochloromethane	ND	20	4.1	ug/l	
106-93-4	1,2-Dibromoethane	ND	40	4.2	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	20	3.7	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	20	5.7	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	20	5.1	ug/l	
75-71-8	Dichlorodifluoromethane	ND	100	6.2	ug/l	
75-34-3	1,1-Dichloroethane	ND	20	3.8	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	3.6	ug/l	
75-35-4	1,1-Dichloroethene	ND	20	5.6	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	20	4.3	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	20	6.3	ug/l	
78-87-5	1,2-Dichloropropane	ND	20	4.3	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-15S		
Lab Sample ID:	JA83536-6	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	100	3.9	ug/l	
594-20-7	2,2-Dichloropropane	ND	100	5.2	ug/l	
563-58-6	1,1-Dichloropropene	ND	100	7.2	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	20	4.3	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	20	3.7	ug/l	
100-41-4	Ethylbenzene	ND	20	4.2	ug/l	
87-68-3	Hexachlorobutadiene	ND	100	4.7	ug/l	
98-82-8	Isopropylbenzene	ND	40	3.9	ug/l	
99-87-6	p-Isopropyltoluene	ND	100	3.7	ug/l	
1634-04-4	Methyl Tert Butyl Ether	5140 [a]	200	37	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	100	24	ug/l	
74-95-3	Methylene bromide	ND	100	9.1	ug/l	
75-09-2	Methylene chloride	ND	40	4.0	ug/l	
91-20-3	Naphthalene	ND	100	14	ug/l	
103-65-1	n-Propylbenzene	ND	100	3.5	ug/l	
100-42-5	Styrene	ND	100	4.6	ug/l	
75-65-0	Tert Butyl Alcohol	468	500	37	ug/l	J
994-05-8	tert-Amyl Methyl Ether	63.0	100	6.5	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	100	4.1	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	100	4.8	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	4.0	ug/l	
127-18-4	Tetrachloroethene	ND	20	6.4	ug/l	
108-88-3	Toluene	ND	20	2.9	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	100	14	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	100	3.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	20	4.7	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	20	4.6	ug/l	
79-01-6	Trichloroethene	ND	20	4.2	ug/l	
75-69-4	Trichlorofluoromethane	ND	100	7.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	100	11	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	100	3.6	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	100	4.5	ug/l	
75-01-4	Vinyl chloride	ND	20	5.3	ug/l	
	m,p-Xylene	ND	20	6.4	ug/l	
95-47-6	o-Xylene	ND	20	3.5	ug/l	
1330-20-7	Xylene (total)	ND	20	3.5	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	101%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-15S		
Lab Sample ID:	JA83536-6	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	111%	106%	70-127%
2037-26-5	Toluene-D8	99%	95%	79-120%
460-00-4	4-Bromofluorobenzene	96%	98%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-15S		
Lab Sample ID:	JA83536-6	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50572.D	1	08/22/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	2.63	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	95%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-15S		
Lab Sample ID:	JA83536-6	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64909.D	1	08/26/11	VDT	08/16/11	OP51328	GZZ2202
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.122	0.11	0.0039	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		34-131%
16416-32-3	Tetracosane-d50	87%		15-119%
438-22-2	5a-Androstane	75%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-16D		
Lab Sample ID:	JA83536-7	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86617.D	1	08/23/11	DR	n/a	n/a	V2B3886
Run #2	2B86464.D	10	08/19/11	DR	n/a	n/a	V2B3879

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	0.70	1.0	0.22	ug/l	J
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	4.7	5.0	0.25	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	0.34	1.0	0.26	ug/l	J
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	0.28	1.0	0.19	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-16D		
Lab Sample ID:	JA83536-7	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	503 [a]	10	1.8	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	0.86	5.0	0.68	ug/l	J
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	121	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	10.3	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	0.92	1.0	0.32	ug/l	J
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	0.41	1.0	0.21	ug/l	J
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	0.24	1.0	0.17	ug/l	J
1330-20-7	Xylene (total)	0.24	1.0	0.17	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	99%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-16D		
Lab Sample ID:	JA83536-7	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%	109%	70-127%
2037-26-5	Toluene-D8	96%	98%	79-120%
460-00-4	4-Bromofluorobenzene	97%	95%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-16D		
Lab Sample ID:	JA83536-7	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50562.D	1	08/22/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.305	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	93%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-16D		
Lab Sample ID:	JA83536-7	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64965.D	1	08/29/11	VDT	08/16/11	OP51328	GZZ2204
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	108%		34-131%
16416-32-3	Tetracosane-d50	107%		15-119%
438-22-2	5a-Androstane	97%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-16S		
Lab Sample ID:	JA83536-8	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86620.D	5	08/23/11	DR	n/a	n/a	V2B3886
Run #2	2B86621.D	50	08/23/11	DR	n/a	n/a	V2B3886

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	38	ug/l	
71-43-2	Benzene	28.8	5.0	1.1	ug/l	
108-86-1	Bromobenzene	ND	25	0.91	ug/l	
74-97-5	Bromochloromethane	ND	25	2.0	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	1.1	ug/l	
75-25-2	Bromoform	ND	20	1.2	ug/l	
74-83-9	Bromomethane	ND	10	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	15	ug/l	
104-51-8	n-Butylbenzene	ND	25	1.7	ug/l	
135-98-8	sec-Butylbenzene	ND	25	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	25	1.2	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.97	ug/l	
108-90-7	Chlorobenzene	ND	5.0	1.1	ug/l	
75-00-3	Chloroethane	ND	5.0	1.8	ug/l	
67-66-3	Chloroform	ND	5.0	1.0	ug/l	
74-87-3	Chloromethane	ND	5.0	1.1	ug/l	
95-49-8	o-Chlorotoluene	ND	25	0.95	ug/l	
106-43-4	p-Chlorotoluene	ND	25	0.96	ug/l	
108-20-3	Di-Isopropyl ether	26.3	25	1.3	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	6.3	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	10	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.92	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.4	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.3	ug/l	
75-71-8	Dichlorodifluoromethane	ND	25	1.6	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	0.96	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.90	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	1.4	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	1.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	1.6	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.1	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-16S		
Lab Sample ID:	JA83536-8	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	25	0.97	ug/l	
594-20-7	2,2-Dichloropropane	ND	25	1.3	ug/l	
563-58-6	1,1-Dichloropropene	ND	25	1.8	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.1	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.93	ug/l	
100-41-4	Ethylbenzene	ND	5.0	1.1	ug/l	
87-68-3	Hexachlorobutadiene	ND	25	1.2	ug/l	
98-82-8	Isopropylbenzene	1.5	10	0.97	ug/l	J
99-87-6	p-Isopropyltoluene	ND	25	0.94	ug/l	
1634-04-4	Methyl Tert Butyl Ether	4410 [a]	50	9.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	25	6.1	ug/l	
74-95-3	Methylene bromide	ND	25	2.3	ug/l	
75-09-2	Methylene chloride	ND	10	1.0	ug/l	
91-20-3	Naphthalene	6.2	25	3.4	ug/l	J
103-65-1	n-Propylbenzene	ND	25	0.87	ug/l	
100-42-5	Styrene	ND	25	1.1	ug/l	
75-65-0	Tert Butyl Alcohol	773	130	9.3	ug/l	
994-05-8	tert-Amyl Methyl Ether	47.8	25	1.6	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	25	1.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	1.2	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.6	ug/l	
108-88-3	Toluene	ND	5.0	0.73	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	25	3.4	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	25	0.75	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.2	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.2	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.1	ug/l	
75-69-4	Trichlorofluoromethane	ND	25	1.8	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	25	2.7	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	25	0.90	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	25	1.1	ug/l	
75-01-4	Vinyl chloride	ND	5.0	1.3	ug/l	
	m,p-Xylene	ND	5.0	1.6	ug/l	
95-47-6	o-Xylene	8.3	5.0	0.87	ug/l	
1330-20-7	Xylene (total)	8.3	5.0	0.87	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	101%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-16S		
Lab Sample ID:	JA83536-8	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	104%	105%	70-127%
2037-26-5	Toluene-D8	96%	96%	79-120%
460-00-4	4-Bromofluorobenzene	98%	96%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-16S		
Lab Sample ID:	JA83536-8	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50564.D	1	08/22/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	2.20	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	96%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-16S		
Lab Sample ID:	JA83536-8	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64911.D	1	08/26/11	VDT	08/16/11	OP51328	GZZ2202
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.149	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		34-131%
16416-32-3	Tetracosane-d50	88%		15-119%
438-22-2	5a-Androstane	77%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-17S		
Lab Sample ID:	JA83536-9	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86619.D	2	08/23/11	DR	n/a	n/a	V2B3886
Run #2	2B86507.D	10	08/20/11	DR	n/a	n/a	V2B3881

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	15	ug/l	
71-43-2	Benzene	32.6	2.0	0.44	ug/l	
108-86-1	Bromobenzene	ND	10	0.36	ug/l	
74-97-5	Bromochloromethane	ND	10	0.79	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	0.46	ug/l	
75-25-2	Bromoform	ND	8.0	0.49	ug/l	
74-83-9	Bromomethane	ND	4.0	0.63	ug/l	
78-93-3	2-Butanone (MEK)	ND	20	5.8	ug/l	
104-51-8	n-Butylbenzene	ND	10	0.66	ug/l	
135-98-8	sec-Butylbenzene	ND	10	0.40	ug/l	
98-06-6	tert-Butylbenzene	ND	10	0.47	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	0.39	ug/l	
108-90-7	Chlorobenzene	ND	2.0	0.45	ug/l	
75-00-3	Chloroethane	ND	2.0	0.73	ug/l	
67-66-3	Chloroform	ND	2.0	0.41	ug/l	
74-87-3	Chloromethane	ND	2.0	0.44	ug/l	
95-49-8	o-Chlorotoluene	ND	10	0.38	ug/l	
106-43-4	p-Chlorotoluene	ND	10	0.38	ug/l	
108-20-3	Di-Isopropyl ether	16.2	10	0.50	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	20	2.5	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	0.41	ug/l	
106-93-4	1,2-Dibromoethane	ND	4.0	0.42	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.37	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.57	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	10	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	0.38	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	0.36	ug/l	
75-35-4	1,1-Dichloroethene	ND	2.0	0.56	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	0.43	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.63	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.43	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-17S		
Lab Sample ID:	JA83536-9	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	10	0.39	ug/l	
594-20-7	2,2-Dichloropropane	ND	10	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	10	0.72	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.43	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.37	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.42	ug/l	
87-68-3	Hexachlorobutadiene	ND	10	0.47	ug/l	
98-82-8	Isopropylbenzene	0.67	4.0	0.39	ug/l	J
99-87-6	p-Isopropyltoluene	ND	10	0.37	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1110 [a]	10	1.8	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	10	2.4	ug/l	
74-95-3	Methylene bromide	ND	10	0.91	ug/l	
75-09-2	Methylene chloride	0.61	4.0	0.40	ug/l	J
91-20-3	Naphthalene	4.4	10	1.4	ug/l	J
103-65-1	n-Propylbenzene	ND	10	0.35	ug/l	
100-42-5	Styrene	ND	10	0.46	ug/l	
75-65-0	Tert Butyl Alcohol	171	50	3.7	ug/l	
994-05-8	tert-Amyl Methyl Ether	12.7	10	0.65	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	10	0.41	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	10	0.48	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.40	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	0.64	ug/l	
108-88-3	Toluene	ND	2.0	0.29	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	10	1.4	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	10	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.47	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.46	ug/l	
79-01-6	Trichloroethene	ND	2.0	0.42	ug/l	
75-69-4	Trichlorofluoromethane	ND	10	0.70	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	10	1.1	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	10	0.36	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	10	0.45	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.53	ug/l	
	m,p-Xylene	ND	2.0	0.64	ug/l	
95-47-6	o-Xylene	3.2	2.0	0.35	ug/l	
1330-20-7	Xylene (total)	3.2	2.0	0.35	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	99%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-17S		
Lab Sample ID:	JA83536-9	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	103%	109%	70-127%
2037-26-5	Toluene-D8	97%	99%	79-120%
460-00-4	4-Bromofluorobenzene	97%	98%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-17S		
Lab Sample ID:	JA83536-9	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50569.D	1	08/22/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.736	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	96%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-17S		
Lab Sample ID:	JA83536-9	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64966.D	1	08/29/11	VDT	08/16/11	OP51328	GZZ2204
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	64%		34-131%
16416-32-3	Tetracosane-d50	64%		15-119%
438-22-2	5a-Androstane	58%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-24S		
Lab Sample ID:	JA83536-10	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2B86853.D	1	08/30/11	DR	n/a	n/a	V2B3898
Run #2	2B86508.D	10	08/20/11	DR	n/a	n/a	V2B3881

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	5.5	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	0.38	1.0	0.21	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	4.1	5.0	0.25	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-24S		
Lab Sample ID:	JA83536-10	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	352 [b]	10	1.8	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	1.0	5.0	0.68	ug/l	J
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	120	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	7.2	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	0.85	1.0	0.32	ug/l	J
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	0.60	1.0	0.17	ug/l	J
1330-20-7	Xylene (total)	0.60	1.0	0.17	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	99%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-24S		
Lab Sample ID:	JA83536-10	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%	109%	70-127%
2037-26-5	Toluene-D8	95%	99%	79-120%
460-00-4	4-Bromofluorobenzene	95%	97%	76-118%

(a) Sample analyzed outside the holding time but the original run within holding time.
(b) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-24S		
Lab Sample ID:	JA83536-10	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50561.D	1	08/22/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.252	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	95%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-24S		
Lab Sample ID:	JA83536-10	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64967.D	1	08/29/11	VDT	08/16/11	OP51328	GZZ2204
Run #2							

	Initial Volume	Final Volume
Run #1	930 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0038	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	97%		34-131%
16416-32-3	Tetracosane-d50	94%		15-119%
438-22-2	5a-Androstane	87%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-25S		
Lab Sample ID:	JA83536-11	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86573.D	1	08/22/11	DR	n/a	n/a	V2B3884
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	0.89	1.0	0.22	ug/l	J
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	1.0	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	1.2	5.0	0.25	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-25S		
Lab Sample ID:	JA83536-11	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	86.1	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	2.0	5.0	0.33	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	0.46	1.0	0.32	ug/l	J
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-25S		
Lab Sample ID:	JA83536-11	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	112%		70-127%
2037-26-5	Toluene-D8	99%		79-120%
460-00-4	4-Bromofluorobenzene	98%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-25S		
Lab Sample ID:	JA83536-11	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50559.D	1	08/22/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	95%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-25S		
Lab Sample ID:	JA83536-11	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64968.D	1	08/29/11	VDT	08/16/11	OP51328	GZZ2204
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	98%		34-131%
16416-32-3	Tetracosane-d50	98%		15-119%
438-22-2	5a-Androstane	90%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-26S		
Lab Sample ID:	JA83536-12	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86574.D	1	08/22/11	DR	n/a	n/a	V2B3884
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	3.6	5.0	0.25	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-26S		
Lab Sample ID:	JA83536-12	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	104	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	1.1	5.0	0.33	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-26S		
Lab Sample ID:	JA83536-12	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	111%		70-127%
2037-26-5	Toluene-D8	99%		79-120%
460-00-4	4-Bromofluorobenzene	98%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-26S		
Lab Sample ID:	JA83536-12	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50573.D	1	08/22/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	95%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-26S		
Lab Sample ID:	JA83536-12	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64969.D	1	08/29/11	VDT	08/16/11	OP51328	GZZ2204
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0039	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	102%		34-131%
16416-32-3	Tetracosane-d50	98%		15-119%
438-22-2	5a-Androstane	88%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-26D		
Lab Sample ID:	JA83536-13	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86616.D	5	08/23/11	DR	n/a	n/a	V2B3886
Run #2	2B86572.D	10	08/22/11	DR	n/a	n/a	V2B3884

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	38	ug/l	
71-43-2	Benzene	1.8	5.0	1.1	ug/l	J
108-86-1	Bromobenzene	ND	25	0.91	ug/l	
74-97-5	Bromochloromethane	ND	25	2.0	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	1.1	ug/l	
75-25-2	Bromoform	ND	20	1.2	ug/l	
74-83-9	Bromomethane	ND	10	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	15	ug/l	
104-51-8	n-Butylbenzene	ND	25	1.7	ug/l	
135-98-8	sec-Butylbenzene	ND	25	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	25	1.2	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.97	ug/l	
108-90-7	Chlorobenzene	ND	5.0	1.1	ug/l	
75-00-3	Chloroethane	ND	5.0	1.8	ug/l	
67-66-3	Chloroform	ND	5.0	1.0	ug/l	
74-87-3	Chloromethane	ND	5.0	1.1	ug/l	
95-49-8	o-Chlorotoluene	ND	25	0.95	ug/l	
106-43-4	p-Chlorotoluene	ND	25	0.96	ug/l	
108-20-3	Di-Isopropyl ether	12.0	25	1.3	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	6.3	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	10	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.92	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.4	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.3	ug/l	
75-71-8	Dichlorodifluoromethane	ND	25	1.6	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	0.96	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.90	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	1.4	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	1.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	1.6	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.1	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-26D		
Lab Sample ID:	JA83536-13	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	25	0.97	ug/l	
594-20-7	2,2-Dichloropropane	ND	25	1.3	ug/l	
563-58-6	1,1-Dichloropropene	ND	25	1.8	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.1	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.93	ug/l	
100-41-4	Ethylbenzene	ND	5.0	1.1	ug/l	
87-68-3	Hexachlorobutadiene	ND	25	1.2	ug/l	
98-82-8	Isopropylbenzene	ND	10	0.97	ug/l	
99-87-6	p-Isopropyltoluene	ND	25	0.94	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1890 [a]	10	1.8	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	25	6.1	ug/l	
74-95-3	Methylene bromide	ND	25	2.3	ug/l	
75-09-2	Methylene chloride	ND	10	1.0	ug/l	
91-20-3	Naphthalene	ND	25	3.4	ug/l	
103-65-1	n-Propylbenzene	ND	25	0.87	ug/l	
100-42-5	Styrene	ND	25	1.1	ug/l	
75-65-0	Tert Butyl Alcohol	61.7	130	9.3	ug/l	J
994-05-8	tert-Amyl Methyl Ether	18.5	25	1.6	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	25	1.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	1.2	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.6	ug/l	
108-88-3	Toluene	ND	5.0	0.73	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	25	3.4	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	25	0.75	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.2	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.2	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.1	ug/l	
75-69-4	Trichlorofluoromethane	ND	25	1.8	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	25	2.7	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	25	0.90	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	25	1.1	ug/l	
75-01-4	Vinyl chloride	ND	5.0	1.3	ug/l	
	m,p-Xylene	ND	5.0	1.6	ug/l	
95-47-6	o-Xylene	ND	5.0	0.87	ug/l	
1330-20-7	Xylene (total)	ND	5.0	0.87	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	100%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-26D		
Lab Sample ID:	JA83536-13	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%	112%	70-127%
2037-26-5	Toluene-D8	96%	100%	79-120%
460-00-4	4-Bromofluorobenzene	98%	98%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-26D		
Lab Sample ID:	JA83536-13	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50574.D	1	08/23/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.02	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-26D		
Lab Sample ID:	JA83536-13	**Date Sampled:**	08/11/11
Matrix:	AQ - Ground Water	**Date Received:**	08/12/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64970.D	1	08/30/11	VDT	08/16/11	OP51328	GZZ2204
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	107%		34-131%
16416-32-3	Tetracosane-d50	104%		15-119%
438-22-2	5a-Androstane	94%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New Jersey

ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

8768 0886 3304
8754 3188 0180
8768 0886 3315

Shell Oil Products Chain Of Custody Record

URS

LAB (LOCATION)
- ☐ XENCO ( )
- ☐ Test America ( )
- ☑ OTHER ( ) ☑ Lab Vendor # ( )
- ☐ SPL ( )

Lab Vendor #

Please Check Appropriate Box:
- ☑ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP # 137675

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 8/11

PAGE: 1 of 2

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

TELEPHONE: 301-258-9780 FAX: 301-869-8728 Bill To Contact E-MAIL: adriane_rogers@urscorp.com

SITE ADDRESS, Street and City: 15541 New Hampshire Avenue, Silver Spring State: MD GLOBAL ID NO.:

EDP DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers PHONE NO.: 301-258-9780 E-MAIL: adriane_rogers@urscorp.com CONSULTANT PROJECT NO.: 137675

SAMPLER NAME(S) (Print): Robert Burns

LAB USE ONLY: JA83536

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1 Cooler #2 Cooler #3

SPECIAL INSTRUCTIONS OR NOTES:
- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED
- ☐ PROVIDE EDD DISK

REQUESTED ANALYSIS

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	Full List VOCs & Oxy 5 (8260B)	Container PID Readings or Laboratory Notes
	~~137675 - MW-12~~			~~GW~~	~~x~~					~~7~~	~~x~~	~~x~~	~~x~~	
1	137675 - MW-13D	8/11	0840	GW	x					7	x	x	x	VTC31, 2264, 2202
2	137675 - MW-13S	8/11	0850	GW	x					7	x	x	x	
3	137675 - MW-14D	8/11	1330	GW	x					7	x	x	x	
4	137675 - MW-14S	8/11	1245	GW	x					7	x	x	x	
5	137675 - MW-15D	8/11	1500	GW	x					7	x	x	x	
6	137675 - MW-15S	8/11	1330	GW	x					7	x	x	x	
7	137675 - MW-16D	8/11	1145	GW	x					7	x	x	x	
8	137675 - MW-16S	8/11	1130	GW	x					7	x	x	x	
	~~137675 - MW-17D~~			~~GW~~	~~x~~					~~7~~	~~x~~	~~x~~	~~x~~	

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	FEDEX		
FEDEX	Mathus	8/12/11	1000

~~3~~ 3 COOLERS 1.1° & 1.9°C 2.5°C P

CUSTODY SEALS ~~3~~, 396, 398 INTACT

1 NO SEAL

05/2/06 Revision

JA83536: Chain of Custody
Page 1 of 3

8768 0886 3504
8754 3188 0180
8768 0886 3315

Shell Oil Products Chain Of Custody Record

URS

LAB (LOCATION)
- [ ] XENCO ( )
- [ ] Test America ( )
- [x] OTHER ( )
  - [x] Lab Vendor # ( )
- [ ] SPL ( )

Lab Vendor #

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER

Print Bill To Contact Name: Adriane Rogers

PO #:

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP #: 137675

[ ] CHECK IF NO INCIDENT # APPLIES

DATE: 8-11-11

PAGE: 2 of 2

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring

State: MD

GLOBAL ID NO.:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

RDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers

PHONE NO.: 301-258-9780

E-MAIL: adriane_rogers@urscorp.com

CONSULTANT PROJECT NO.: 137675

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

TELEPHONE: 301-258-9780

FAX: 301-869-8728

Bill To Contact E-MAIL: adriane_rogers@urscorp.com

SAMPLER NAME(S) (Print): Robert Burns

LAB USE ONLY: JA83536

TURNAROUND TIME (CALENDAR DAYS):
- [x] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [ ] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY:

DELIVERABLES: [ ] LEVEL 1 [x] LEVEL 2 [ ] LEVEL 3 [ ] LEVEL 4 [ ] OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1: Cooler #2: Cooler #3:

SPECIAL INSTRUCTIONS OR NOTES:
- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED
- [ ] PROVIDE LEDD DISK

REQUESTED ANALYSIS

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	Full List VOCs & Oxy 5 (8260B)
9	137675 - MW-17S	8-11-11	1430	GW	x					7	x	x	x
	~~137675 - MW-17W~~			~~GW~~	~~x~~					~~7~~	~~x~~	~~x~~	~~x~~
	~~137675 - MW-18~~			~~GW~~	~~x~~					~~7~~	~~x~~	~~x~~	~~x~~
10	137675 - MW-24S	8-11-11	1130	GW	x					7	x	x	x
	~~137675 - MW-24D~~			~~GW~~	~~x~~					~~7~~	~~x~~	~~x~~	~~x~~
11	137675 - MW-25S	8-11-11	1140	GW	x					7	x	x	x
	~~137675 - MW-25D~~			~~GW~~	~~x~~					~~7~~	~~x~~	~~x~~	~~x~~
12	137675 - MW-26S	8-11-11	1200	GW	x					7	x	x	x
13	137675 - MW-26D	8-11-11	1150	GW	x					7	x	x	x
	~~137675 - RW-01~~			~~GW~~	~~x~~					~~7~~	~~x~~	~~x~~	~~x~~

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	FEDEX		
FEDEX	Mathus	8/12/11	1000

05/23/08 Revision

2X

JA83536: Chain of Custody
Page 2 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number JA83536 **Client:**

Date / Time Received: 8/12/2011 **Project:**

No. Coolers: 3 **Airbill #'s:** **Delivery Method:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA83536: Chain of Custody
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New Jersey

ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3879-MB	2B86451.D	1	08/19/11	DR	n/a	n/a	V2B3879

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-1, JA83536-2, JA83536-3, JA83536-4, JA83536-5, JA83536-6, JA83536-7

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	

Method Blank Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3879-MB	2B86451.D	1	08/19/11	DR	n/a	n/a	V2B3879

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-1, JA83536-2, JA83536-3, JA83536-4, JA83536-5, JA83536-6, JA83536-7

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

Method Blank Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3879-MB	2B86451.D	1	08/19/11	DR	n/a	n/a	V2B3879

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-1, JA83536-2, JA83536-3, JA83536-4, JA83536-5, JA83536-6, JA83536-7

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	77-120%
17060-07-0	1,2-Dichloroethane-D4	110%	70-127%
2037-26-5	Toluene-D8	98%	79-120%
460-00-4	4-Bromofluorobenzene	95%	76-118%

Method Blank Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3881-MB	2B86492.D	1	08/19/11	DR	n/a	n/a	V2B3881

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-9, JA83536-10

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	77-120%
17060-07-0	1,2-Dichloroethane-D4	109%	70-127%
2037-26-5	Toluene-D8	98%	79-120%
460-00-4	4-Bromofluorobenzene	94%	76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3884-MB	2B86558.D	1	08/22/11	DR	n/a	n/a	V2B3884

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-5, JA83536-11, JA83536-12, JA83536-13

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	

Method Blank Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3884-MB	2B86558.D	1	08/22/11	DR	n/a	n/a	V2B3884

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-5, JA83536-11, JA83536-12, JA83536-13

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

Method Blank Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3884-MB	2B86558.D	1	08/22/11	DR	n/a	n/a	V2B3884

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-5, JA83536-11, JA83536-12, JA83536-13

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	77-120%
17060-07-0	1,2-Dichloroethane-D4	111%	70-127%
2037-26-5	Toluene-D8	99%	79-120%
460-00-4	4-Bromofluorobenzene	96%	76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3886-MB	2B86604.D	1	08/23/11	DR	n/a	n/a	V2B3886

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-3, JA83536-7, JA83536-8, JA83536-9, JA83536-13

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	

Method Blank Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3886-MB	2B86604.D	1	08/23/11	DR	n/a	n/a	V2B3886

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-3, JA83536-7, JA83536-8, JA83536-9, JA83536-13

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

Method Blank Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3886-MB	2B86604.D	1	08/23/11	DR	n/a	n/a	V2B3886

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-3, JA83536-7, JA83536-8, JA83536-9, JA83536-13

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	77-120%
17060-07-0	1,2-Dichloroethane-D4	104%	70-127%
2037-26-5	Toluene-D8	96%	79-120%
460-00-4	4-Bromofluorobenzene	98%	76-118%

Method Blank Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3888-MB	2B86649.D	1	08/24/11	DR	n/a	n/a	V2B3888

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-6

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	77-120%
17060-07-0	1,2-Dichloroethane-D4	102%	70-127%
2037-26-5	Toluene-D8	97%	79-120%
460-00-4	4-Bromofluorobenzene	97%	76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3898-MB	2B86840.D	1	08/30/11	DR	n/a	n/a	V2B3898

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-10

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	

Method Blank Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3898-MB	2B86840.D	1	08/30/11	DR	n/a	n/a	V2B3898

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-10

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	77-120%

Method Blank Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3898-MB	2B86840.D	1	08/30/11	DR	n/a	n/a	V2B3898

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-10

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4	101%	70-127%
2037-26-5	Toluene-D8	95%	79-120%
460-00-4	4-Bromofluorobenzene	98%	76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3879-BS	2B86452.D	1	08/19/11	DR	n/a	n/a	V2B3879

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-1, JA83536-2, JA83536-3, JA83536-4, JA83536-5, JA83536-6, JA83536-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	45.1	90	49-142
71-43-2	Benzene	50	48.2	96	76-119
108-86-1	Bromobenzene	50	49.0	98	77-123
74-97-5	Bromochloromethane	50	52.2	104	77-129
75-27-4	Bromodichloromethane	50	53.2	106	81-133
75-25-2	Bromoform	50	52.1	104	72-139
74-83-9	Bromomethane	50	48.2	96	55-140
78-93-3	2-Butanone (MEK)	50	50.2	100	64-132
104-51-8	n-Butylbenzene	50	52.1	104	74-130
135-98-8	sec-Butylbenzene	50	50.9	102	75-125
98-06-6	tert-Butylbenzene	50	51.9	104	76-127
56-23-5	Carbon tetrachloride	50	54.5	109	74-146
108-90-7	Chlorobenzene	50	49.9	100	79-120
75-00-3	Chloroethane	50	48.2	96	60-134
67-66-3	Chloroform	50	53.9	108	77-127
74-87-3	Chloromethane	50	45.9	92	50-128
95-49-8	o-Chlorotoluene	50	49.4	99	78-124
106-43-4	p-Chlorotoluene	50	47.6	95	75-120
108-20-3	Di-Isopropyl ether	50	48.5	97	59-130
96-12-8	1,2-Dibromo-3-chloropropane	50	57.5	115	64-137
124-48-1	Dibromochloromethane	50	52.3	105	77-131
106-93-4	1,2-Dibromoethane	50	51.1	102	76-127
95-50-1	1,2-Dichlorobenzene	50	51.5	103	78-123
541-73-1	1,3-Dichlorobenzene	50	48.5	97	77-124
106-46-7	1,4-Dichlorobenzene	50	48.1	96	76-121
75-71-8	Dichlorodifluoromethane	50	49.9	100	41-138
75-34-3	1,1-Dichloroethane	50	53.1	106	74-124
107-06-2	1,2-Dichloroethane	50	54.9	110	71-138
75-35-4	1,1-Dichloroethene	50	45.5	91	68-126
156-59-2	cis-1,2-Dichloroethene	50	49.0	98	78-131
156-60-5	trans-1,2-Dichloroethene	50	47.8	96	64-119
78-87-5	1,2-Dichloropropane	50	49.3	99	76-121
142-28-9	1,3-Dichloropropane	50	49.5	99	77-120
594-20-7	2,2-Dichloropropane	50	44.5	89	53-143
563-58-6	1,1-Dichloropropene	50	50.3	101	77-125
10061-01-5	cis-1,3-Dichloropropene	50	47.6	95	76-123

Blank Spike Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3879-BS	2B86452.D	1	08/19/11	DR	n/a	n/a	V2B3879

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-1, JA83536-2, JA83536-3, JA83536-4, JA83536-5, JA83536-6, JA83536-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	48.3	97	74-129
100-41-4	Ethylbenzene	50	48.5	97	77-119
87-68-3	Hexachlorobutadiene	50	50.3	101	66-137
98-82-8	Isopropylbenzene	50	49.8	100	74-125
99-87-6	p-Isopropyltoluene	50	52.8	106	78-128
1634-04-4	Methyl Tert Butyl Ether	100	103	103	72-125
108-10-1	4-Methyl-2-pentanone(MIBK)	50	48.3	97	68-131
74-95-3	Methylene bromide	50	52.1	104	79-129
75-09-2	Methylene chloride	50	49.3	99	73-122
91-20-3	Naphthalene	50	50.7	101	61-136
103-65-1	n-Propylbenzene	50	48.8	98	73-121
100-42-5	Styrene	50	49.3	99	77-121
75-65-0	Tert Butyl Alcohol	250	231	92	67-136
994-05-8	tert-Amyl Methyl Ether	50	50.4	101	69-125
637-92-3	tert-Butyl Ethyl Ether	50	52.4	105	67-129
630-20-6	1,1,1,2-Tetrachloroethane	50	54.3	109	80-128
79-34-5	1,1,2,2-Tetrachloroethane	50	44.1	88	70-121
127-18-4	Tetrachloroethene	50	82.3	165* [a]	64-148
108-88-3	Toluene	50	48.4	97	77-122
87-61-6	1,2,3-Trichlorobenzene	50	52.4	105	69-136
120-82-1	1,2,4-Trichlorobenzene	50	55.4	111	73-133
71-55-6	1,1,1-Trichloroethane	50	54.1	108	76-135
79-00-5	1,1,2-Trichloroethane	50	48.7	97	79-125
79-01-6	Trichloroethene	50	53.1	106	80-129
75-69-4	Trichlorofluoromethane	50	53.5	107	66-145
96-18-4	1,2,3-Trichloropropane	50	50.2	100	72-130
95-63-6	1,2,4-Trimethylbenzene	50	50.0	100	77-123
108-67-8	1,3,5-Trimethylbenzene	50	49.3	99	76-123
75-01-4	Vinyl chloride	50	48.3	97	56-133
	m,p-Xylene	100	97.1	97	77-121
95-47-6	o-Xylene	50	51.4	103	80-124
1330-20-7	Xylene (total)	150	148	99	78-121

Blank Spike Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3879-BS	2B86452.D	1	08/19/11	DR	n/a	n/a	V2B3879

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-1, JA83536-2, JA83536-3, JA83536-4, JA83536-5, JA83536-6, JA83536-7

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	77-120%
17060-07-0	1,2-Dichloroethane-D4	108%	70-127%
2037-26-5	Toluene-D8	99%	79-120%
460-00-4	4-Bromofluorobenzene	94%	76-118%

(a) High percent recoveries and no associated positive found in the QC batch.

Blank Spike Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3881-BS	2B86493.D	1	08/19/11	DR	n/a	n/a	V2B3881

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-9, JA83536-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
1634-04-4	Methyl Tert Butyl Ether	100	103	103	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	77-120%
17060-07-0	1,2-Dichloroethane-D4	109%	70-127%
2037-26-5	Toluene-D8	100%	79-120%
460-00-4	4-Bromofluorobenzene	96%	76-118%

Blank Spike Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3884-BS	2B86559.D	1	08/22/11	DR	n/a	n/a	V2B3884

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-5, JA83536-11, JA83536-12, JA83536-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	38.7	77	49-142
71-43-2	Benzene	50	50.6	101	76-119
108-86-1	Bromobenzene	50	51.8	104	77-123
74-97-5	Bromochloromethane	50	53.1	106	77-129
75-27-4	Bromodichloromethane	50	56.3	113	81-133
75-25-2	Bromoform	50	54.7	109	72-139
74-83-9	Bromomethane	50	52.7	105	55-140
78-93-3	2-Butanone (MEK)	50	52.3	105	64-132
104-51-8	n-Butylbenzene	50	57.0	114	74-130
135-98-8	sec-Butylbenzene	50	54.4	109	75-125
98-06-6	tert-Butylbenzene	50	54.1	108	76-127
56-23-5	Carbon tetrachloride	50	55.5	111	74-146
108-90-7	Chlorobenzene	50	52.8	106	79-120
75-00-3	Chloroethane	50	53.4	107	60-134
67-66-3	Chloroform	50	56.7	113	77-127
74-87-3	Chloromethane	50	51.9	104	50-128
95-49-8	o-Chlorotoluene	50	52.8	106	78-124
106-43-4	p-Chlorotoluene	50	51.2	102	75-120
108-20-3	Di-Isopropyl ether	50	52.9	106	59-130
96-12-8	1,2-Dibromo-3-chloropropane	50	60.5	121	64-137
124-48-1	Dibromochloromethane	50	54.1	108	77-131
106-93-4	1,2-Dibromoethane	50	53.2	106	76-127
95-50-1	1,2-Dichlorobenzene	50	54.4	109	78-123
541-73-1	1,3-Dichlorobenzene	50	51.4	103	77-124
106-46-7	1,4-Dichlorobenzene	50	51.3	103	76-121
75-71-8	Dichlorodifluoromethane	50	54.4	109	41-138
75-34-3	1,1-Dichloroethane	50	57.1	114	74-124
107-06-2	1,2-Dichloroethane	50	57.1	114	71-138
75-35-4	1,1-Dichloroethene	50	46.1	92	68-126
156-59-2	cis-1,2-Dichloroethene	50	52.4	105	78-131
156-60-5	trans-1,2-Dichloroethene	50	48.8	98	64-119
78-87-5	1,2-Dichloropropane	50	53.5	107	76-121
142-28-9	1,3-Dichloropropane	50	53.6	107	77-120
594-20-7	2,2-Dichloropropane	50	58.1	116	53-143
563-58-6	1,1-Dichloropropene	50	52.7	105	77-125
10061-01-5	cis-1,3-Dichloropropene	50	53.0	106	76-123

Blank Spike Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3884-BS	2B86559.D	1	08/22/11	DR	n/a	n/a	V2B3884

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-5, JA83536-11, JA83536-12, JA83536-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	53.7	107	74-129
100-41-4	Ethylbenzene	50	51.3	103	77-119
87-68-3	Hexachlorobutadiene	50	53.4	107	66-137
98-82-8	Isopropylbenzene	50	52.9	106	74-125
99-87-6	p-Isopropyltoluene	50	56.2	112	78-128
1634-04-4	Methyl Tert Butyl Ether	100	108	108	72-125
108-10-1	4-Methyl-2-pentanone(MIBK)	50	53.2	106	68-131
74-95-3	Methylene bromide	50	54.3	109	79-129
75-09-2	Methylene chloride	50	51.4	103	73-122
91-20-3	Naphthalene	50	53.4	107	61-136
103-65-1	n-Propylbenzene	50	52.5	105	73-121
100-42-5	Styrene	50	52.4	105	77-121
75-65-0	Tert Butyl Alcohol	250	221	88	67-136
994-05-8	tert-Amyl Methyl Ether	50	55.9	112	69-125
637-92-3	tert-Butyl Ethyl Ether	50	56.2	112	67-129
630-20-6	1,1,1,2-Tetrachloroethane	50	55.8	112	80-128
79-34-5	1,1,2,2-Tetrachloroethane	50	48.9	98	70-121
127-18-4	Tetrachloroethene	50	52.1	104	64-148
108-88-3	Toluene	50	50.7	101	77-122
87-61-6	1,2,3-Trichlorobenzene	50	55.0	110	69-136
120-82-1	1,2,4-Trichlorobenzene	50	58.2	116	73-133
71-55-6	1,1,1-Trichloroethane	50	56.6	113	76-135
79-00-5	1,1,2-Trichloroethane	50	51.7	103	79-125
79-01-6	Trichloroethene	50	53.9	108	80-129
75-69-4	Trichlorofluoromethane	50	56.6	113	66-145
96-18-4	1,2,3-Trichloropropane	50	53.2	106	72-130
95-63-6	1,2,4-Trimethylbenzene	50	52.9	106	77-123
108-67-8	1,3,5-Trimethylbenzene	50	52.7	105	76-123
75-01-4	Vinyl chloride	50	53.7	107	56-133
	m,p-Xylene	100	104	104	77-121
95-47-6	o-Xylene	50	54.0	108	80-124
1330-20-7	Xylene (total)	150	158	105	78-121

Blank Spike Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3884-BS	2B86559.D	1	08/22/11	DR	n/a	n/a	V2B3884

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-5, JA83536-11, JA83536-12, JA83536-13

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	77-120%
17060-07-0	1,2-Dichloroethane-D4	111%	70-127%
2037-26-5	Toluene-D8	100%	79-120%
460-00-4	4-Bromofluorobenzene	96%	76-118%

Blank Spike Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3886-BS	2B86605.D	1	08/23/11	DR	n/a	n/a	V2B3886

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-3, JA83536-7, JA83536-8, JA83536-9, JA83536-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	37.0	74	49-142
71-43-2	Benzene	50	47.0	94	76-119
108-86-1	Bromobenzene	50	52.0	104	77-123
74-97-5	Bromochloromethane	50	51.2	102	77-129
75-27-4	Bromodichloromethane	50	51.1	102	81-133
75-25-2	Bromoform	50	49.0	98	72-139
74-83-9	Bromomethane	50	48.5	97	55-140
78-93-3	2-Butanone (MEK)	50	46.9	94	64-132
104-51-8	n-Butylbenzene	50	54.5	109	74-130
135-98-8	sec-Butylbenzene	50	52.8	106	75-125
98-06-6	tert-Butylbenzene	50	52.9	106	76-127
56-23-5	Carbon tetrachloride	50	49.9	100	74-146
108-90-7	Chlorobenzene	50	49.6	99	79-120
75-00-3	Chloroethane	50	48.1	96	60-134
67-66-3	Chloroform	50	52.3	105	77-127
74-87-3	Chloromethane	50	43.1	86	50-128
95-49-8	o-Chlorotoluene	50	52.9	106	78-124
106-43-4	p-Chlorotoluene	50	50.2	100	75-120
108-20-3	Di-Isopropyl ether	50	50.2	100	59-130
96-12-8	1,2-Dibromo-3-chloropropane	50	52.1	104	64-137
124-48-1	Dibromochloromethane	50	49.1	98	77-131
106-93-4	1,2-Dibromoethane	50	49.6	99	76-127
95-50-1	1,2-Dichlorobenzene	50	52.6	105	78-123
541-73-1	1,3-Dichlorobenzene	50	50.5	101	77-124
106-46-7	1,4-Dichlorobenzene	50	50.6	101	76-121
75-71-8	Dichlorodifluoromethane	50	42.6	85	41-138
75-34-3	1,1-Dichloroethane	50	51.5	103	74-124
107-06-2	1,2-Dichloroethane	50	50.4	101	71-138
75-35-4	1,1-Dichloroethene	50	44.4	89	68-126
156-59-2	cis-1,2-Dichloroethene	50	50.6	101	78-131
156-60-5	trans-1,2-Dichloroethene	50	47.0	94	64-119
78-87-5	1,2-Dichloropropane	50	49.0	98	76-121
142-28-9	1,3-Dichloropropane	50	48.7	97	77-120
594-20-7	2,2-Dichloropropane	50	52.6	105	53-143
563-58-6	1,1-Dichloropropene	50	47.8	96	77-125
10061-01-5	cis-1,3-Dichloropropene	50	48.1	96	76-123

Blank Spike Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3886-BS	2B86605.D	1	08/23/11	DR	n/a	n/a	V2B3886

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-3, JA83536-7, JA83536-8, JA83536-9, JA83536-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	47.9	96	74-129
100-41-4	Ethylbenzene	50	47.9	96	77-119
87-68-3	Hexachlorobutadiene	50	50.5	101	66-137
98-82-8	Isopropylbenzene	50	52.0	104	74-125
99-87-6	p-Isopropyltoluene	50	53.9	108	78-128
1634-04-4	Methyl Tert Butyl Ether	100	102	102	72-125
108-10-1	4-Methyl-2-pentanone(MIBK)	50	45.3	91	68-131
74-95-3	Methylene bromide	50	50.9	102	79-129
75-09-2	Methylene chloride	50	49.2	98	73-122
91-20-3	Naphthalene	50	50.9	102	61-136
103-65-1	n-Propylbenzene	50	51.3	103	73-121
100-42-5	Styrene	50	49.0	98	77-121
75-65-0	Tert Butyl Alcohol	250	231	92	67-136
994-05-8	tert-Amyl Methyl Ether	50	55.4	111	69-125
637-92-3	tert-Butyl Ethyl Ether	50	55.5	111	67-129
630-20-6	1,1,1,2-Tetrachloroethane	50	52.4	105	80-128
79-34-5	1,1,2,2-Tetrachloroethane	50	46.2	92	70-121
127-18-4	Tetrachloroethene	50	51.6	103	64-148
108-88-3	Toluene	50	48.0	96	77-122
87-61-6	1,2,3-Trichlorobenzene	50	53.5	107	69-136
120-82-1	1,2,4-Trichlorobenzene	50	56.8	114	73-133
71-55-6	1,1,1-Trichloroethane	50	51.6	103	76-135
79-00-5	1,1,2-Trichloroethane	50	48.2	96	79-125
79-01-6	Trichloroethene	50	51.0	102	80-129
75-69-4	Trichlorofluoromethane	50	50.7	101	66-145
96-18-4	1,2,3-Trichloropropane	50	49.8	100	72-130
95-63-6	1,2,4-Trimethylbenzene	50	51.6	103	77-123
108-67-8	1,3,5-Trimethylbenzene	50	51.3	103	76-123
75-01-4	Vinyl chloride	50	46.6	93	56-133
	m,p-Xylene	100	96.1	96	77-121
95-47-6	o-Xylene	50	50.4	101	80-124
1330-20-7	Xylene (total)	150	147	98	78-121

Blank Spike Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3886-BS	2B86605.D	1	08/23/11	DR	n/a	n/a	V2B3886

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-3, JA83536-7, JA83536-8, JA83536-9, JA83536-13

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	77-120%
17060-07-0	1,2-Dichloroethane-D4	103%	70-127%
2037-26-5	Toluene-D8	97%	79-120%
460-00-4	4-Bromofluorobenzene	100%	76-118%

Blank Spike Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3888-BS	2B86650.D	1	08/24/11	DR	n/a	n/a	V2B3888

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
1634-04-4	Methyl Tert Butyl Ether	100	107	107	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	77-120%
17060-07-0	1,2-Dichloroethane-D4	105%	70-127%
2037-26-5	Toluene-D8	97%	79-120%
460-00-4	4-Bromofluorobenzene	98%	76-118%

Blank Spike Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3898-BS	2B86841.D	1	08/30/11	DR	n/a	n/a	V2B3898

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	41.3	83	49-142
71-43-2	Benzene	50	53.1	106	76-119
108-86-1	Bromobenzene	50	56.5	113	77-123
74-97-5	Bromochloromethane	50	57.6	115	77-129
75-27-4	Bromodichloromethane	50	54.1	108	81-133
75-25-2	Bromoform	50	52.9	106	72-139
74-83-9	Bromomethane	50	53.3	107	55-140
78-93-3	2-Butanone (MEK)	50	54.4	109	64-132
104-51-8	n-Butylbenzene	50	59.5	119	74-130
135-98-8	sec-Butylbenzene	50	57.6	115	75-125
98-06-6	tert-Butylbenzene	50	57.4	115	76-127
56-23-5	Carbon tetrachloride	50	54.2	108	74-146
108-90-7	Chlorobenzene	50	54.3	109	79-120
75-00-3	Chloroethane	50	52.2	104	60-134
67-66-3	Chloroform	50	56.6	113	77-127
74-87-3	Chloromethane	50	44.0	88	50-128
95-49-8	o-Chlorotoluene	50	57.4	115	78-124
106-43-4	p-Chlorotoluene	50	53.0	106	75-120
108-20-3	Di-Isopropyl ether	50	47.4	95	59-130
96-12-8	1,2-Dibromo-3-chloropropane	50	51.8	104	64-137
124-48-1	Dibromochloromethane	50	52.5	105	77-131
106-93-4	1,2-Dibromoethane	50	53.6	107	76-127
95-50-1	1,2-Dichlorobenzene	50	56.7	113	78-123
541-73-1	1,3-Dichlorobenzene	50	54.9	110	77-124
106-46-7	1,4-Dichlorobenzene	50	54.6	109	76-121
75-71-8	Dichlorodifluoromethane	50	49.7	99	41-138
75-34-3	1,1-Dichloroethane	50	59.2	118	74-124
107-06-2	1,2-Dichloroethane	50	51.0	102	71-138
75-35-4	1,1-Dichloroethene	50	56.6	113	68-126
156-59-2	cis-1,2-Dichloroethene	50	57.8	116	78-131
156-60-5	trans-1,2-Dichloroethene	50	57.2	114	64-119
78-87-5	1,2-Dichloropropane	50	53.4	107	76-121
142-28-9	1,3-Dichloropropane	50	52.7	105	77-120
594-20-7	2,2-Dichloropropane	50	59.1	118	53-143
563-58-6	1,1-Dichloropropene	50	54.8	110	77-125
10061-01-5	cis-1,3-Dichloropropene	50	52.7	105	76-123

Blank Spike Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3898-BS	2B86841.D	1	08/30/11	DR	n/a	n/a	V2B3898

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	51.2	102	74-129
100-41-4	Ethylbenzene	50	52.0	104	77-119
87-68-3	Hexachlorobutadiene	50	55.2	110	66-137
98-82-8	Isopropylbenzene	50	57.0	114	74-125
99-87-6	p-Isopropyltoluene	50	59.1	118	78-128
108-10-1	4-Methyl-2-pentanone(MIBK)	50	48.5	97	68-131
74-95-3	Methylene bromide	50	54.1	108	79-129
75-09-2	Methylene chloride	50	57.8	116	73-122
91-20-3	Naphthalene	50	51.7	103	61-136
103-65-1	n-Propylbenzene	50	55.7	111	73-121
100-42-5	Styrene	50	53.0	106	77-121
75-65-0	Tert Butyl Alcohol	250	221	88	67-136
994-05-8	tert-Amyl Methyl Ether	50	52.1	104	69-125
637-92-3	tert-Butyl Ethyl Ether	50	52.5	105	67-129
630-20-6	1,1,1,2-Tetrachloroethane	50	55.2	110	80-128
79-34-5	1,1,2,2-Tetrachloroethane	50	49.9	100	70-121
127-18-4	Tetrachloroethene	50	56.4	113	64-148
108-88-3	Toluene	50	53.2	106	77-122
87-61-6	1,2,3-Trichlorobenzene	50	55.3	111	69-136
120-82-1	1,2,4-Trichlorobenzene	50	60.0	120	73-133
71-55-6	1,1,1-Trichloroethane	50	56.4	113	76-135
79-00-5	1,1,2-Trichloroethane	50	51.6	103	79-125
79-01-6	Trichloroethene	50	55.7	111	80-129
75-69-4	Trichlorofluoromethane	50	54.3	109	66-145
96-18-4	1,2,3-Trichloropropane	50	52.9	106	72-130
95-63-6	1,2,4-Trimethylbenzene	50	55.5	111	77-123
108-67-8	1,3,5-Trimethylbenzene	50	54.9	110	76-123
75-01-4	Vinyl chloride	50	48.7	97	56-133
	m,p-Xylene	100	106	106	77-121
95-47-6	o-Xylene	50	55.0	110	80-124
1330-20-7	Xylene (total)	150	161	107	78-121

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	77-120%

Blank Spike Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3898-BS	2B86841.D	1	08/30/11	DR	n/a	n/a	V2B3898

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-10

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	99%	70-127%
2037-26-5	Toluene-D8	96%	79-120%
460-00-4	4-Bromofluorobenzene	98%	76-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83536-5MS	2B86453.D	10	08/19/11	DR	n/a	n/a	V2B3879
JA83536-5MSD	2B86454.D	10	08/19/11	DR	n/a	n/a	V2B3879
JA83536-5	2B86456.D	10	08/19/11	DR	n/a	n/a	V2B3879

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-1, JA83536-2, JA83536-3, JA83536-4, JA83536-5, JA83536-6, JA83536-7

CAS No.	Compound	JA83536-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		500	411	82	419	84	2	39-150/20
71-43-2	Benzene	ND		500	482	96	474	95	2	40-139/12
108-86-1	Bromobenzene	ND		500	479	96	468	94	2	67-131/12
74-97-5	Bromochloromethane	ND		500	514	103	495	99	4	67-134/12
75-27-4	Bromodichloromethane	ND		500	509	102	496	99	3	68-135/12
75-25-2	Bromoform	ND		500	494	99	482	96	2	55-141/14
74-83-9	Bromomethane	ND		500	536	107	528	106	2	49-145/16
78-93-3	2-Butanone (MEK)	ND		500	469	94	456	91	3	55-141/15
104-51-8	n-Butylbenzene	ND		500	500	100	497	99	1	55-139/15
135-98-8	sec-Butylbenzene	ND		500	498	100	490	98	2	55-137/14
98-06-6	tert-Butylbenzene	ND		500	503	101	495	99	2	58-137/15
56-23-5	Carbon tetrachloride	ND		500	531	106	528	106	1	52-155/16
108-90-7	Chlorobenzene	ND		500	485	97	477	95	2	66-129/11
75-00-3	Chloroethane	ND		500	525	105	516	103	2	50-140/16
67-66-3	Chloroform	ND		500	517	103	504	101	3	63-133/13
74-87-3	Chloromethane	ND		500	538	108	531	106	1	43-138/17
95-49-8	o-Chlorotoluene	ND		500	484	97	475	95	2	62-132/13
106-43-4	p-Chlorotoluene	ND		500	461	92	460	92	0	62-129/13
108-20-3	Di-Isopropyl ether	4.2	J	500	507	101	495	98	2	51-136/11
96-12-8	1,2-Dibromo-3-chloropropane	ND		500	525	105	524	105	0	57-142/14
124-48-1	Dibromochloromethane	ND		500	503	101	489	98	3	64-136/12
106-93-4	1,2-Dibromoethane	ND		500	493	99	480	96	3	69-132/11
95-50-1	1,2-Dichlorobenzene	ND		500	491	98	479	96	2	69-129/11
541-73-1	1,3-Dichlorobenzene	ND		500	469	94	454	91	3	66-130/12
106-46-7	1,4-Dichlorobenzene	ND		500	467	93	457	91	2	66-127/12
75-71-8	Dichlorodifluoromethane	ND		500	628	126	620	124	1	31-166/20
75-34-3	1,1-Dichloroethane	ND		500	508	102	499	100	2	58-132/13
107-06-2	1,2-Dichloroethane	ND		500	527	105	521	104	1	62-145/12
75-35-4	1,1-Dichloroethene	ND		500	462	92	453	91	2	43-142/17
156-59-2	cis-1,2-Dichloroethene	ND		500	492	98	484	97	2	55-132/12
156-60-5	trans-1,2-Dichloroethene	ND		500	480	96	468	94	3	53-132/14
78-87-5	1,2-Dichloropropane	ND		500	492	98	486	97	1	65-128/12
142-28-9	1,3-Dichloropropane	ND		500	477	95	470	94	1	68-127/11
594-20-7	2,2-Dichloropropane	ND		500	473	95	460	92	3	41-146/16
563-58-6	1,1-Dichloropropene	ND		500	503	101	499	100	1	54-139/15
10061-01-5	cis-1,3-Dichloropropene	ND		500	486	97	476	95	2	66-130/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83536-5MS	2B86453.D	10	08/19/11	DR	n/a	n/a	V2B3879
JA83536-5MSD	2B86454.D	10	08/19/11	DR	n/a	n/a	V2B3879
JA83536-5	2B86456.D	10	08/19/11	DR	n/a	n/a	V2B3879

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-1, JA83536-2, JA83536-3, JA83536-4, JA83536-5, JA83536-6, JA83536-7

CAS No.	Compound	JA83536-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		500	470	94	465	93	1	64-135/13
100-41-4	Ethylbenzene	ND		500	478	96	468	94	2	40-140/12
87-68-3	Hexachlorobutadiene	ND		500	482	96	479	96	1	51-141/16
98-82-8	Isopropylbenzene	ND		500	495	99	487	97	2	56-138/13
99-87-6	p-Isopropyltoluene	ND		500	497	99	486	97	2	58-136/14
1634-04-4	Methyl Tert Butyl Ether	513		500	988	95	967	91	2	54-136/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		500	453	91	463	93	2	61-138/14
74-95-3	Methylene bromide	ND		500	481	96	477	95	1	70-134/12
75-09-2	Methylene chloride	ND		500	489	98	477	95	2	60-130/13
91-20-3	Naphthalene	ND		500	480	96	475	95	1	51-149/14
103-65-1	n-Propylbenzene	ND		500	475	95	468	94	1	51-138/14
100-42-5	Styrene	ND		500	478	96	469	94	2	59-132/13
75-65-0	Tert Butyl Alcohol	ND		2500	2190	88	2210	88	1	57-153/16
994-05-8	tert-Amyl Methyl Ether	5.5	J	500	481	95	471	93	2	60-133/11
637-92-3	tert-Butyl Ethyl Ether	ND		500	512	102	505	101	1	59-134/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		500	516	103	504	101	2	69-134/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		500	442	88	433	87	2	65-128/12
127-18-4	Tetrachloroethene	ND		500	501	100	487	97	3	52-143/15
108-88-3	Toluene	ND		500	476	95	469	94	1	47-140/12
87-61-6	1,2,3-Trichlorobenzene	ND		500	498	100	487	97	2	62-137/14
120-82-1	1,2,4-Trichlorobenzene	ND		500	509	102	498	100	2	64-136/14
71-55-6	1,1,1-Trichloroethane	ND		500	532	106	516	103	3	55-146/15
79-00-5	1,1,2-Trichloroethane	ND		500	467	93	458	92	2	70-129/12
79-01-6	Trichloroethene	ND		500	506	101	498	100	2	54-142/14
75-69-4	Trichlorofluoromethane	ND		500	584	117	569	114	3	45-159/19
96-18-4	1,2,3-Trichloropropane	ND		500	475	95	463	93	3	64-137/13
95-63-6	1,2,4-Trimethylbenzene	ND		500	478	96	475	95	1	40-147/12
108-67-8	1,3,5-Trimethylbenzene	ND		500	482	96	472	94	2	50-142/13
75-01-4	Vinyl chloride	ND		500	553	111	546	109	1	42-145/18
	m,p-Xylene	ND		1000	967	97	946	95	2	39-141/12
95-47-6	o-Xylene	ND		500	503	101	487	97	3	51-138/12
1330-20-7	Xylene (total)	ND		1500	1470	98	1430	95	3	42-140/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83536-5MS	2B86453.D	10	08/19/11	DR	n/a	n/a	V2B3879
JA83536-5MSD	2B86454.D	10	08/19/11	DR	n/a	n/a	V2B3879
JA83536-5	2B86456.D	10	08/19/11	DR	n/a	n/a	V2B3879

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-1, JA83536-2, JA83536-3, JA83536-4, JA83536-5, JA83536-6, JA83536-7

CAS No.	Surrogate Recoveries	MS	MSD	JA83536-5	Limits
1868-53-7	Dibromofluoromethane	100%	99%	99%	77-120%
17060-07-0	1,2-Dichloroethane-D4	107%	108%	110%	70-127%
2037-26-5	Toluene-D8	99%	99%	98%	79-120%
460-00-4	4-Bromofluorobenzene	96%	95%	94%	76-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83679-28MS	2B86494.D	10	08/19/11	DR	n/a	n/a	V2B3881
JA83679-28MSD	2B86495.D	10	08/20/11	DR	n/a	n/a	V2B3881
JA83679-28	2B86497.D	10	08/20/11	DR	n/a	n/a	V2B3881

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-9, JA83536-10

CAS No.	Compound	JA83679-28 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
1634-04-4	Methyl Tert Butyl Ether	ND		500	516	103	506	101	2	54-136/12

CAS No.	Surrogate Recoveries	MS	MSD	JA83679-28	Limits
1868-53-7	Dibromofluoromethane	102%	102%	101%	77-120%
17060-07-0	1,2-Dichloroethane-D4	112%	112%	112%	70-127%
2037-26-5	Toluene-D8	99%	100%	99%	79-120%
460-00-4	4-Bromofluorobenzene	97%	97%	95%	76-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83405-29MS	2B86569.D	1	08/22/11	DR	n/a	n/a	V2B3884
JA83405-29MSD	2B86570.D	1	08/22/11	DR	n/a	n/a	V2B3884
JA83405-29	2B86566.D	1	08/22/11	DR	n/a	n/a	V2B3884

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-5, JA83536-11, JA83536-12, JA83536-13

CAS No.	Compound	JA83405-29 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		50	40.3	81	37.2	74	8	39-150/20
71-43-2	Benzene	ND		50	47.3	95	44.0	88	7	40-139/12
108-86-1	Bromobenzene	ND		50	48.1	96	46.0	92	4	67-131/12
74-97-5	Bromochloromethane	ND		50	52.6	105	50.1	100	5	67-134/12
75-27-4	Bromodichloromethane	0.44	J	50	52.0	103	49.4	98	5	68-135/12
75-25-2	Bromoform	ND		50	47.5	95	45.5	91	4	55-141/14
74-83-9	Bromomethane	ND		50	54.2	108	51.1	102	6	49-145/16
78-93-3	2-Butanone (MEK)	ND		50	49.8	100	46.0	92	8	55-141/15
104-51-8	n-Butylbenzene	ND		50	47.4	95	44.0	88	7	55-139/15
135-98-8	sec-Butylbenzene	ND		50	46.7	93	43.3	87	8	55-137/14
98-06-6	tert-Butylbenzene	ND		50	47.0	94	44.5	89	5	58-137/15
56-23-5	Carbon tetrachloride	ND		50	49.2	98	44.5	89	10	52-155/16
108-90-7	Chlorobenzene	ND		50	48.8	98	46.1	92	6	66-129/11
75-00-3	Chloroethane	ND		50	53.4	107	49.4	99	8	50-140/16
67-66-3	Chloroform	14.6		50	64.5	100	60.8	92	6	63-133/13
74-87-3	Chloromethane	ND		50	54.5	109	51.2	102	6	43-138/17
95-49-8	o-Chlorotoluene	ND		50	47.5	95	45.0	90	5	62-132/13
106-43-4	p-Chlorotoluene	ND		50	46.4	93	45.1	90	3	62-129/13
108-20-3	Di-Isopropyl ether	ND		50	54.7	109	52.3	105	4	51-136/11
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	55.7	111	52.5	105	6	57-142/14
124-48-1	Dibromochloromethane	ND		50	49.0	98	47.5	95	3	64-136/12
106-93-4	1,2-Dibromoethane	ND		50	51.5	103	49.3	99	4	69-132/11
95-50-1	1,2-Dichlorobenzene	ND		50	49.0	98	47.5	95	3	69-129/11
541-73-1	1,3-Dichlorobenzene	ND		50	46.1	92	44.5	89	4	66-130/12
106-46-7	1,4-Dichlorobenzene	ND		50	46.9	94	44.7	89	5	66-127/12
75-71-8	Dichlorodifluoromethane	ND		50	61.6	123	55.0	110	11	31-166/20
75-34-3	1,1-Dichloroethane	ND		50	52.7	105	48.1	96	9	58-132/13
107-06-2	1,2-Dichloroethane	ND		50	55.5	111	53.2	106	4	62-145/12
75-35-4	1,1-Dichloroethene	ND		50	40.9	82	37.1	74	10	43-142/17
156-59-2	cis-1,2-Dichloroethene	ND		50	49.3	99	46.2	92	6	55-132/12
156-60-5	trans-1,2-Dichloroethene	ND		50	46.4	93	43.1	86	7	53-132/14
78-87-5	1,2-Dichloropropane	ND		50	51.6	103	49.2	98	5	65-128/12
142-28-9	1,3-Dichloropropane	ND		50	51.8	104	49.4	99	5	68-127/11
594-20-7	2,2-Dichloropropane	ND		50	53.4	107	48.7	97	9	41-146/16
563-58-6	1,1-Dichloropropene	ND		50	49.0	98	43.9	88	11	54-139/15
10061-01-5	cis-1,3-Dichloropropene	ND		50	49.8	100	47.2	94	5	66-130/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83405-29MS	2B86569.D	1	08/22/11	DR	n/a	n/a	V2B3884
JA83405-29MSD	2B86570.D	1	08/22/11	DR	n/a	n/a	V2B3884
JA83405-29	2B86566.D	1	08/22/11	DR	n/a	n/a	V2B3884

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-5, JA83536-11, JA83536-12, JA83536-13

CAS No.	Compound	JA83405-29 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		50	49.2	98	46.8	94	5	64-135/13
100-41-4	Ethylbenzene	ND		50	47.7	95	44.0	88	8	40-140/12
87-68-3	Hexachlorobutadiene	ND		50	42.0	84	40.5	81	4	51-141/16
98-82-8	Isopropylbenzene	ND		50	47.5	95	44.7	89	6	56-138/13
99-87-6	p-Isopropyltoluene	ND		50	46.8	94	43.5	87	7	58-136/14
1634-04-4	Methyl Tert Butyl Ether	ND		50	54.3	109	51.9	104	5	54-136/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		50	55.9	112	53.0	106	5	61-138/14
74-95-3	Methylene bromide	ND		50	51.5	103	48.7	97	6	70-134/12
75-09-2	Methylene chloride	ND		50	49.3	99	47.4	95	4	60-130/13
91-20-3	Naphthalene	ND		50	48.9	98	47.6	95	3	51-149/14
103-65-1	n-Propylbenzene	ND		50	46.5	93	43.3	87	7	51-138/14
100-42-5	Styrene	ND		50	47.8	96	44.4	89	7	59-132/13
75-65-0	Tert Butyl Alcohol	ND		250	219	88	215	86	2	57-153/16
994-05-8	tert-Amyl Methyl Ether	ND		50	51.4	103	48.3	97	6	60-133/11
637-92-3	tert-Butyl Ethyl Ether	ND		50	55.6	111	53.0	106	5	59-134/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		50	52.9	106	49.3	99	7	69-134/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	46.8	94	45.1	90	4	65-128/12
127-18-4	Tetrachloroethene	ND		50	50.1	100	45.7	91	9	52-143/15
108-88-3	Toluene	ND		50	47.5	95	44.0	88	8	47-140/12
87-61-6	1,2,3-Trichlorobenzene	ND		50	46.7	93	46.4	93	1	62-137/14
120-82-1	1,2,4-Trichlorobenzene	ND		50	48.4	97	47.8	96	1	64-136/14
71-55-6	1,1,1-Trichloroethane	ND		50	51.6	103	46.8	94	10	55-146/15
79-00-5	1,1,2-Trichloroethane	ND		50	50.3	101	48.3	97	4	70-129/12
79-01-6	Trichloroethene	ND		50	50.2	100	45.8	92	9	54-142/14
75-69-4	Trichlorofluoromethane	ND		50	55.9	112	49.9	100	11	45-159/19
96-18-4	1,2,3-Trichloropropane	ND		50	50.1	100	48.0	96	4	64-137/13
95-63-6	1,2,4-Trimethylbenzene	ND		50	47.2	94	44.6	89	6	40-147/12
108-67-8	1,3,5-Trimethylbenzene	ND		50	46.8	94	43.8	88	7	50-142/13
75-01-4	Vinyl chloride	ND		50	53.3	107	48.6	97	9	42-145/18
	m,p-Xylene	ND		100	95.7	96	88.9	89	7	39-141/12
95-47-6	o-Xylene	ND		50	49.9	100	46.4	93	7	51-138/12
1330-20-7	Xylene (total)	ND		150	146	97	135	90	8	42-140/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83405-29MS	2B86569.D	1	08/22/11	DR	n/a	n/a	V2B3884
JA83405-29MSD	2B86570.D	1	08/22/11	DR	n/a	n/a	V2B3884
JA83405-29	2B86566.D	1	08/22/11	DR	n/a	n/a	V2B3884

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-5, JA83536-11, JA83536-12, JA83536-13

CAS No.	Surrogate Recoveries	MS	MSD	JA83405-29	Limits
1868-53-7	Dibromofluoromethane	101%	101%	100%	77-120%
17060-07-0	1,2-Dichloroethane-D4	112%	112%	113%	70-127%
2037-26-5	Toluene-D8	101%	100%	99%	79-120%
460-00-4	4-Bromofluorobenzene	97%	97%	97%	76-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA84205-9MS	2B86613.D	1	08/23/11	DR	n/a	n/a	V2B3886
JA84205-9MSD	2B86614.D	1	08/23/11	DR	n/a	n/a	V2B3886
JA84205-9	2B86607.D	1	08/23/11	DR	n/a	n/a	V2B3886

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-3, JA83536-7, JA83536-8, JA83536-9, JA83536-13

CAS No.	Compound	JA84205-9 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		50	33.9	68	34.3	69	1	39-150/20
71-43-2	Benzene	2.4		50	42.9	81	43.2	82	1	40-139/12
108-86-1	Bromobenzene	ND		50	46.5	93	47.3	95	2	67-131/12
74-97-5	Bromochloromethane	ND		50	49.4	99	49.3	99	0	67-134/12
75-27-4	Bromodichloromethane	ND		50	46.6	93	47.0	94	1	68-135/12
75-25-2	Bromoform	ND		50	43.7	87	43.5	87	0	55-141/14
74-83-9	Bromomethane	ND		50	52.3	105	51.9	104	1	49-145/16
78-93-3	2-Butanone (MEK)	ND		50	44.2	88	43.3	87	2	55-141/15
104-51-8	n-Butylbenzene	ND		50	42.4	85	41.8	84	1	55-139/15
135-98-8	sec-Butylbenzene	ND		50	41.7	83	41.3	83	1	55-137/14
98-06-6	tert-Butylbenzene	ND		50	42.4	85	42.2	84	0	58-137/15
56-23-5	Carbon tetrachloride	ND		50	40.3	81	38.2	76	5	52-155/16
108-90-7	Chlorobenzene	ND		50	44.7	89	44.6	89	0	66-129/11
75-00-3	Chloroethane	ND		50	47.5	95	46.7	93	2	50-140/16
67-66-3	Chloroform	ND		50	47.0	94	47.6	95	1	63-133/13
74-87-3	Chloromethane	ND		50	47.6	95	46.6	93	2	43-138/17
95-49-8	o-Chlorotoluene	ND		50	44.7	89	45.4	91	2	62-132/13
106-43-4	p-Chlorotoluene	ND		50	42.6	85	43.2	86	1	62-129/13
108-20-3	Di-Isopropyl ether	ND		50	46.3	93	47.1	94	2	51-136/11
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	46.7	93	47.7	95	2	57-142/14
124-48-1	Dibromochloromethane	ND		50	44.7	89	45.2	90	1	64-136/12
106-93-4	1,2-Dibromoethane	ND		50	47.7	95	47.4	95	1	69-132/11
95-50-1	1,2-Dichlorobenzene	ND		50	46.7	93	47.3	95	1	69-129/11
541-73-1	1,3-Dichlorobenzene	ND		50	43.9	88	44.4	89	1	66-130/12
106-46-7	1,4-Dichlorobenzene	ND		50	44.5	89	45.0	90	1	66-127/12
75-71-8	Dichlorodifluoromethane	ND		50	49.0	98	46.4	93	5	31-166/20
75-34-3	1,1-Dichloroethane	ND		50	44.0	88	44.4	89	1	58-132/13
107-06-2	1,2-Dichloroethane	ND		50	47.3	95	48.2	96	2	62-145/12
75-35-4	1,1-Dichloroethene	ND		50	34.0	68	33.0	66	3	43-142/17
156-59-2	cis-1,2-Dichloroethene	ND		50	45.6	91	45.9	92	1	55-132/12
156-60-5	trans-1,2-Dichloroethene	ND		50	41.5	83	40.6	81	2	53-132/14
78-87-5	1,2-Dichloropropane	ND		50	45.1	90	46.2	92	2	65-128/12
142-28-9	1,3-Dichloropropane	ND		50	45.6	91	45.8	92	0	68-127/11
594-20-7	2,2-Dichloropropane	ND		50	44.0	88	42.9	86	3	41-146/16
563-58-6	1,1-Dichloropropene	ND		50	39.5	79	38.2	76	3	54-139/15
10061-01-5	cis-1,3-Dichloropropene	ND		50	44.3	89	44.6	89	1	66-130/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA84205-9MS	2B86613.D	1	08/23/11	DR	n/a	n/a	V2B3886
JA84205-9MSD	2B86614.D	1	08/23/11	DR	n/a	n/a	V2B3886
JA84205-9	2B86607.D	1	08/23/11	DR	n/a	n/a	V2B3886

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-3, JA83536-7, JA83536-8, JA83536-9, JA83536-13

CAS No.	Compound	JA84205-9 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		50	42.6	85	43.3	87	2	64-135/13
100-41-4	Ethylbenzene	2.8		50	43.3	81	42.8	80	1	40-140/12
87-68-3	Hexachlorobutadiene	ND		50	37.8	76	38.1	76	1	51-141/16
98-82-8	Isopropylbenzene	0.34	J	50	43.1	86	42.9	85	0	56-138/13
99-87-6	p-Isopropyltoluene	ND		50	42.0	84	41.7	83	1	58-136/14
1634-04-4	Methyl Tert Butyl Ether	ND		50	46.9	94	47.0	94	0	54-136/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		50	44.3	89	44.6	89	1	61-138/14
74-95-3	Methylene bromide	ND		50	46.7	93	46.8	94	0	70-134/12
75-09-2	Methylene chloride	ND		50	45.3	91	45.8	92	1	60-130/13
91-20-3	Naphthalene	5.9		50	51.4	91	51.8	92	1	51-149/14
103-65-1	n-Propylbenzene	0.56	J	50	42.0	83	41.8	82	0	51-138/14
100-42-5	Styrene	ND		50	42.5	85	42.9	86	1	59-132/13
75-65-0	Tert Butyl Alcohol	ND		250	225	90	231	92	3	57-153/16
994-05-8	tert-Amyl Methyl Ether	ND		50	45.3	91	45.7	91	1	60-133/11
637-92-3	tert-Butyl Ethyl Ether	ND		50	49.5	99	49.9	100	1	59-134/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		50	47.7	95	47.6	95	0	69-134/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	42.1	84	42.5	85	1	65-128/12
127-18-4	Tetrachloroethene	ND		50	42.0	84	41.3	83	2	52-143/15
108-88-3	Toluene	13.7		50	50.1	73	50.0	73	0	47-140/12
87-61-6	1,2,3-Trichlorobenzene	ND		50	44.9	90	46.6	93	4	62-137/14
120-82-1	1,2,4-Trichlorobenzene	ND		50	46.4	93	47.9	96	3	64-136/14
71-55-6	1,1,1-Trichloroethane	ND		50	42.3	85	40.9	82	3	55-146/15
79-00-5	1,1,2-Trichloroethane	ND		50	45.4	91	45.5	91	0	70-129/12
79-01-6	Trichloroethene	ND		50	43.3	87	42.7	85	1	54-142/14
75-69-4	Trichlorofluoromethane	ND		50	47.3	95	44.8	90	5	45-159/19
96-18-4	1,2,3-Trichloropropane	ND		50	46.9	94	46.3	93	1	64-137/13
95-63-6	1,2,4-Trimethylbenzene	5.2		50	46.4	82	46.6	83	0	40-147/12
108-67-8	1,3,5-Trimethylbenzene	0.97	J	50	43.0	84	43.1	84	0	50-142/13
75-01-4	Vinyl chloride	ND		50	46.3	93	43.7	87	6	42-145/18
	m,p-Xylene	8.5		100	89.0	81	88.4	80	1	39-141/12
95-47-6	o-Xylene	4.7		50	47.1	85	47.2	85	0	51-138/12
1330-20-7	Xylene (total)	13.2		150	136	82	136	82	0	42-140/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA84205-9MS	2B86613.D	1	08/23/11	DR	n/a	n/a	V2B3886
JA84205-9MSD	2B86614.D	1	08/23/11	DR	n/a	n/a	V2B3886
JA84205-9	2B86607.D	1	08/23/11	DR	n/a	n/a	V2B3886

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-3, JA83536-7, JA83536-8, JA83536-9, JA83536-13

CAS No.	Surrogate Recoveries	MS	MSD	JA84205-9	Limits
1868-53-7	Dibromofluoromethane	101%	101%	100%	77-120%
17060-07-0	1,2-Dichloroethane-D4	104%	104%	103%	70-127%
2037-26-5	Toluene-D8	96%	96%	96%	79-120%
460-00-4	4-Bromofluorobenzene	98%	99%	97%	76-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83565-1MS	2B86660.D	1	08/24/11	DR	n/a	n/a	V2B3888
JA83565-1MSD	2B86661.D	1	08/24/11	DR	n/a	n/a	V2B3888
JA83565-1	2B86653.D	1	08/24/11	DR	n/a	n/a	V2B3888

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-6

CAS No.	Compound	JA83565-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
1634-04-4	Methyl Tert Butyl Ether	ND		50	52.7	105	52.9	106	0	54-136/12

CAS No.	Surrogate Recoveries	MS	MSD	JA83565-1	Limits
1868-53-7	Dibromofluoromethane	101%	101%	101%	77-120%
17060-07-0	1,2-Dichloroethane-D4	103%	101%	106%	70-127%
2037-26-5	Toluene-D8	97%	98%	94%	79-120%
460-00-4	4-Bromofluorobenzene	100%	99%	98%	76-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA84439-8MS	2B86850.D	1	08/30/11	DR	n/a	n/a	V2B3898
JA84439-8MSD	2B86851.D	1	08/30/11	DR	n/a	n/a	V2B3898
JA84439-8	2B86843.D	1	08/30/11	DR	n/a	n/a	V2B3898

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-10

CAS No.	Compound	JA84439-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		50	39.6	79	39.8	80	1	39-150/20
71-43-2	Benzene	ND		50	46.0	92	45.2	90	2	40-139/12
108-86-1	Bromobenzene	ND		50	50.6	101	50.0	100	1	67-131/12
74-97-5	Bromochloromethane	ND		50	54.5	109	53.5	107	2	67-134/12
75-27-4	Bromodichloromethane	ND		50	47.1	94	47.1	94	0	68-135/12
75-25-2	Bromoform	ND		50	44.8	90	43.6	87	3	55-141/14
74-83-9	Bromomethane	ND		50	51.8	104	51.2	102	1	49-145/16
78-93-3	2-Butanone (MEK)	ND		50	51.1	102	48.2	96	6	55-141/15
104-51-8	n-Butylbenzene	ND		50	47.5	95	46.7	93	2	55-139/15
135-98-8	sec-Butylbenzene	0.69	J	50	47.3	93	46.2	91	2	55-137/14
98-06-6	tert-Butylbenzene	ND		50	47.8	96	46.8	94	2	58-137/15
56-23-5	Carbon tetrachloride	ND		50	44.5	89	43.3	87	3	52-155/16
108-90-7	Chlorobenzene	ND		50	47.9	96	47.4	95	1	66-129/11
75-00-3	Chloroethane	ND		50	48.5	97	47.4	95	2	50-140/16
67-66-3	Chloroform	ND		50	49.1	98	48.6	97	1	63-133/13
74-87-3	Chloromethane	ND		50	42.5	85	41.3	83	3	43-138/17
95-49-8	o-Chlorotoluene	ND		50	48.9	98	49.1	98	0	62-132/13
106-43-4	p-Chlorotoluene	ND		50	45.4	91	45.4	91	0	62-129/13
108-20-3	Di-Isopropyl ether	ND		50	45.3	91	45.2	90	0	51-136/11
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	50.9	102	50.5	101	1	57-142/14
124-48-1	Dibromochloromethane	ND		50	46.4	93	46.1	92	1	64-136/12
106-93-4	1,2-Dibromoethane	ND		50	50.6	101	49.9	100	1	69-132/11
95-50-1	1,2-Dichlorobenzene	1.3		50	52.2	102	52.1	102	0	69-129/11
541-73-1	1,3-Dichlorobenzene	ND		50	48.1	96	47.7	95	1	66-130/12
106-46-7	1,4-Dichlorobenzene	0.42	J	50	48.7	97	48.4	96	1	66-127/12
75-71-8	Dichlorodifluoromethane	ND		50	51.7	103	48.5	97	6	31-166/20
75-34-3	1,1-Dichloroethane	ND		50	48.7	97	47.3	95	3	58-132/13
107-06-2	1,2-Dichloroethane	ND		50	46.5	93	47.1	94	1	62-145/12
75-35-4	1,1-Dichloroethene	ND		50	44.7	89	42.8	86	4	43-142/17
156-59-2	cis-1,2-Dichloroethene	ND		50	50.0	100	49.0	98	2	55-132/12
156-60-5	trans-1,2-Dichloroethene	ND		50	48.4	97	46.7	93	4	53-132/14
78-87-5	1,2-Dichloropropane	ND		50	47.3	95	47.0	94	1	65-128/12
142-28-9	1,3-Dichloropropane	ND		50	48.7	97	47.8	96	2	68-127/11
594-20-7	2,2-Dichloropropane	ND		50	49.4	99	47.6	95	4	41-146/16
563-58-6	1,1-Dichloropropene	ND		50	45.3	91	44.4	89	2	54-139/15
10061-01-5	cis-1,3-Dichloropropene	ND		50	45.3	91	45.0	90	1	66-130/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA84439-8MS	2B86850.D	1	08/30/11	DR	n/a	n/a	V2B3898
JA84439-8MSD	2B86851.D	1	08/30/11	DR	n/a	n/a	V2B3898
JA84439-8	2B86843.D	1	08/30/11	DR	n/a	n/a	V2B3898

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-10

CAS No.	Compound	JA84439-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		50	42.4	85	42.3	85	0	64-135/13
100-41-4	Ethylbenzene	ND		50	45.4	91	44.3	89	2	40-140/12
87-68-3	Hexachlorobutadiene	ND		50	43.2	86	43.3	87	0	51-141/16
98-82-8	Isopropylbenzene	1.7	J	50	48.8	94	47.7	92	2	56-138/13
99-87-6	p-Isopropyltoluene	ND		50	46.7	93	46.1	92	1	58-136/14
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		50	49.7	99	49.6	99	0	61-138/14
74-95-3	Methylene bromide	ND		50	50.3	101	50.3	101	0	70-134/12
75-09-2	Methylene chloride	ND		50	51.3	103	51.0	102	1	60-130/13
91-20-3	Naphthalene	ND		50	54.6	109	55.1	110	1	51-149/14
103-65-1	n-Propylbenzene	ND		50	45.7	91	45.1	90	1	51-138/14
100-42-5	Styrene	ND		50	32.8	66	32.4	65	1	59-132/13
75-65-0	Tert Butyl Alcohol	ND		250	228	91	222	89	3	57-153/16
994-05-8	tert-Amyl Methyl Ether	ND		50	46.0	92	46.4	93	1	60-133/11
637-92-3	tert-Butyl Ethyl Ether	ND		50	49.0	98	48.9	98	0	59-134/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		50	50.3	101	50.3	101	0	69-134/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	47.9	96	47.2	94	1	65-128/12
127-18-4	Tetrachloroethene	ND		50	49.1	98	46.6	93	5	52-143/15
108-88-3	Toluene	0.31	J	50	45.9	91	45.6	91	1	47-140/12
87-61-6	1,2,3-Trichlorobenzene	ND		50	50.4	101	51.3	103	2	62-137/14
120-82-1	1,2,4-Trichlorobenzene	ND		50	51.4	103	52.1	104	1	64-136/14
71-55-6	1,1,1-Trichloroethane	ND		50	47.2	94	45.8	92	3	55-146/15
79-00-5	1,1,2-Trichloroethane	ND		50	47.7	95	48.0	96	1	70-129/12
79-01-6	Trichloroethene	ND		50	47.8	96	46.8	94	2	54-142/14
75-69-4	Trichlorofluoromethane	ND		50	50.7	101	48.8	98	4	45-159/19
96-18-4	1,2,3-Trichloropropane	ND		50	51.1	102	49.8	100	3	64-137/13
95-63-6	1,2,4-Trimethylbenzene	0.41	J	50	47.1	93	46.4	92	1	40-147/12
108-67-8	1,3,5-Trimethylbenzene	ND		50	46.3	93	45.9	92	1	50-142/13
75-01-4	Vinyl chloride	ND		50	47.5	95	45.0	90	5	42-145/18
	m,p-Xylene	ND		100	93.2	93	91.3	91	2	39-141/12
95-47-6	o-Xylene	ND		50	48.6	97	47.7	95	2	51-138/12
1330-20-7	Xylene (total)	0.20	J	150	142	95	139	93	2	42-140/12

CAS No.	Surrogate Recoveries	MS	MSD	JA84439-8	Limits
1868-53-7	Dibromofluoromethane	98%	99%	98%	77-120%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA84439-8MS	2B86850.D	1	08/30/11	DR	n/a	n/a	V2B3898
JA84439-8MSD	2B86851.D	1	08/30/11	DR	n/a	n/a	V2B3898
JA84439-8	2B86843.D	1	08/30/11	DR	n/a	n/a	V2B3898

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83536-10

CAS No.	Surrogate Recoveries	MS	MSD	JA84439-8	Limits
17060-07-0	1,2-Dichloroethane-D4	95%	96%	98%	70-127%
2037-26-5	Toluene-D8	95%	97%	95%	79-120%
460-00-4	4-Bromofluorobenzene	97%	96%	97%	76-118%

Instrument Performance Check (BFB)

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2B3801-BFB
Lab File ID: 2B84738.D
Instrument ID: GCMS2B
Injection Date: 06/30/11
Injection Time: 11:58

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	17427	17.3		Pass
75	30.0 - 60.0% of mass 95	45242	44.8		Pass
95	Base peak, 100% relative abundance	100984	100.0		Pass
96	5.0 - 9.0% of mass 95	6808	6.74		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	101698	100.7		Pass
175	5.0 - 9.0% of mass 174	8066	7.99	(7.93) [a]	Pass
176	95.0 - 101.0% of mass 174	99325	98.4	(97.7) [a]	Pass
177	5.0 - 9.0% of mass 176	6739	6.67	(6.78) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2B3801-IC3801	2B84739.D	06/30/11	12:33	00:35	Initial cal 0.5
V2B3801-IC3801	2B84740.D	06/30/11	13:04	01:06	Initial cal 1
V2B3801-IC3801	2B84741.D	06/30/11	13:35	01:37	Initial cal 2
V2B3801-IC3801	2B84743.D	06/30/11	14:37	02:39	Initial cal 10
V2B3801-IC3801	2B84744.D	06/30/11	15:09	03:11	Initial cal 20
V2B3801-ICC3801	2B84745.D	06/30/11	15:40	03:42	Initial cal 50
V2B3801-IC3801	2B84747.D	06/30/11	16:42	04:44	Initial cal 100
V2B3801-IC3801	2B84748.D	06/30/11	17:13	05:15	Initial cal 200
V2B3801-IC3801	2B84751.D	06/30/11	18:47	06:49	Initial cal 5

Instrument Performance Check (BFB)

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2B3879-BFB
Lab File ID: 2B86448.D
Instrument ID: GCMS2B
Injection Date: 08/18/11
Injection Time: 23:11

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	21205	17.2		Pass
75	30.0 - 60.0% of mass 95	55746	45.3		Pass
95	Base peak, 100% relative abundance	123016	100.0		Pass
96	5.0 - 9.0% of mass 95	7835	6.37		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	128352	104.3		Pass
175	5.0 - 9.0% of mass 174	10321	8.39	(8.04) [a]	Pass
176	95.0 - 101.0% of mass 174	124752	101.4	(97.2) [a]	Pass
177	5.0 - 9.0% of mass 176	8324	6.77	(6.67) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2B3879-CC3801	2B86449.D	08/18/11	23:38	00:27	Continuing cal 50
V2B3879-MB	2B86451.D	08/19/11	00:41	01:30	Method Blank
V2B3879-BS	2B86452.D	08/19/11	01:12	02:01	Blank Spike
JA83536-5MS	2B86453.D	08/19/11	01:43	02:32	Matrix Spike
JA83536-5MSD	2B86454.D	08/19/11	02:14	03:03	Matrix Spike Duplicate
JA83536-5	2B86456.D	08/19/11	03:16	04:05	137675-MW-15D
JA83536-1	2B86457.D	08/19/11	03:47	04:36	137675-MW-13D
JA83536-2	2B86458.D	08/19/11	04:18	05:07	137675-MW-13S
JA83536-2	2B86459.D	08/19/11	04:50	05:39	137675-MW-13S
JA83536-3	2B86460.D	08/19/11	05:21	06:10	137675-MW-14D
JA83536-4	2B86461.D	08/19/11	05:52	06:41	137675-MW-14S
JA83536-4	2B86462.D	08/19/11	06:23	07:12	137675-MW-14S
JA83536-6	2B86463.D	08/19/11	06:55	07:44	137675-MW-15S
JA83536-7	2B86464.D	08/19/11	07:26	08:15	137675-MW-16D

Instrument Performance Check (BFB)

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2B3881-BFB
Lab File ID: 2B86489.D
Instrument ID: GCMS2B
Injection Date: 08/19/11
Injection Time: 21:17

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	22296	17.8		Pass
75	30.0 - 60.0% of mass 95	58013	46.3		Pass
95	Base peak, 100% relative abundance	125293	100.0		Pass
96	5.0 - 9.0% of mass 95	7898	6.30		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	130096	103.8		Pass
175	5.0 - 9.0% of mass 174	10208	8.15	(7.85) [a]	Pass
176	95.0 - 101.0% of mass 174	129181	103.1	(99.3) [a]	Pass
177	5.0 - 9.0% of mass 176	8197	6.54	(6.35) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2B3881-CC3801	2B86490.D	08/19/11	21:45	00:28	Continuing cal 50
V2B3881-MB	2B86492.D	08/19/11	22:47	01:30	Method Blank
V2B3881-BS	2B86493.D	08/19/11	23:18	02:01	Blank Spike
JA83679-28MS	2B86494.D	08/19/11	23:49	02:32	Matrix Spike
JA83679-28MSD	2B86495.D	08/20/11	00:21	03:04	Matrix Spike Duplicate
JA83679-28	2B86497.D	08/20/11	01:23	04:06	(used for QC only; not part of job JA83536)
ZZZZZZ	2B86503.D	08/20/11	04:30	07:13	(unrelated sample)
ZZZZZZ	2B86504.D	08/20/11	05:01	07:44	(unrelated sample)
ZZZZZZ	2B86505.D	08/20/11	05:32	08:15	(unrelated sample)
ZZZZZZ	2B86506.D	08/20/11	06:04	08:47	(unrelated sample)
JA83536-9	2B86507.D	08/20/11	06:35	09:18	137675-MW-17S
JA83536-10	2B86508.D	08/20/11	07:06	09:49	137675-MW-24S

Instrument Performance Check (BFB)

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2B3884-BFB
Lab File ID: 2B86555.D
Instrument ID: GCMS2B
Injection Date: 08/22/11
Injection Time: 09:18

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	25808	18.5		Pass
75	30.0 - 60.0% of mass 95	64858	46.4		Pass
95	Base peak, 100% relative abundance	139682	100.0		Pass
96	5.0 - 9.0% of mass 95	9055	6.48		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	143168	102.5		Pass
175	5.0 - 9.0% of mass 174	11134	7.97	(7.78) [a]	Pass
176	95.0 - 101.0% of mass 174	141824	101.5	(99.1) [a]	Pass
177	5.0 - 9.0% of mass 176	8948	6.41	(6.31) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2B3884-CC3801	2B86556.D	08/22/11	09:55	00:37	Continuing cal 20
V2B3884-MB	2B86558.D	08/22/11	11:08	01:50	Method Blank
V2B3884-BS	2B86559.D	08/22/11	11:39	02:21	Blank Spike
ZZZZZZ	2B86563.D	08/22/11	13:57	04:39	(unrelated sample)
ZZZZZZ	2B86564.D	08/22/11	14:28	05:10	(unrelated sample)
ZZZZZZ	2B86565.D	08/22/11	14:59	05:41	(unrelated sample)
JA83405-29	2B86566.D	08/22/11	15:30	06:12	(used for QC only; not part of job JA83536)
ZZZZZZ	2B86567.D	08/22/11	16:02	06:44	(unrelated sample)
ZZZZZZ	2B86568.D	08/22/11	16:33	07:15	(unrelated sample)
JA83405-29MS	2B86569.D	08/22/11	17:04	07:46	Matrix Spike
JA83405-29MSD	2B86570.D	08/22/11	17:35	08:17	Matrix Spike Duplicate
JA83536-13	2B86572.D	08/22/11	18:37	09:19	137675-MW-26D
JA83536-11	2B86573.D	08/22/11	19:08	09:50	137675-MW-25S
JA83536-12	2B86574.D	08/22/11	19:40	10:22	137675-MW-26S
JA83536-5	2B86575.D	08/22/11	20:11	10:53	137675-MW-15D

Instrument Performance Check (BFB)

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2B3886-BFB
Lab File ID: 2B86601.D
Instrument ID: GCMS2B
Injection Date: 08/23/11
Injection Time: 11:07

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	19806	15.7		Pass
75	30.0 - 60.0% of mass 95	55045	43.8		Pass
95	Base peak, 100% relative abundance	125794	100.0		Pass
96	5.0 - 9.0% of mass 95	8069	6.41		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	131773	104.8		Pass
175	5.0 - 9.0% of mass 174	9926	7.89	(7.53) [a]	Pass
176	95.0 - 101.0% of mass 174	129085	102.6	(98.0) [a]	Pass
177	5.0 - 9.0% of mass 176	8409	6.68	(6.51) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2B3886-CC3801	2B86602.D	08/23/11	11:42	00:35	Continuing cal 20
V2B3886-MB	2B86604.D	08/23/11	12:53	01:46	Method Blank
V2B3886-BS	2B86605.D	08/23/11	13:24	02:17	Blank Spike
JA84205-9	2B86607.D	08/23/11	14:39	03:32	(used for QC only; not part of job JA83536)
ZZZZZZ	2B86608.D	08/23/11	15:10	04:03	(unrelated sample)
ZZZZZZ	2B86609.D	08/23/11	15:41	04:34	(unrelated sample)
ZZZZZZ	2B86610.D	08/23/11	16:12	05:05	(unrelated sample)
ZZZZZZ	2B86612.D	08/23/11	17:14	06:07	(unrelated sample)
JA84205-9MS	2B86613.D	08/23/11	17:45	06:38	Matrix Spike
JA84205-9MSD	2B86614.D	08/23/11	18:16	07:09	Matrix Spike Duplicate
JA83536-13	2B86616.D	08/23/11	19:19	08:12	137675-MW-26D
JA83536-7	2B86617.D	08/23/11	19:50	08:43	137675-MW-16D
JA83536-3	2B86618.D	08/23/11	20:21	09:14	137675-MW-14D
JA83536-9	2B86619.D	08/23/11	20:52	09:45	137675-MW-17S
JA83536-8	2B86620.D	08/23/11	21:23	10:16	137675-MW-16S
JA83536-8	2B86621.D	08/23/11	21:54	10:47	137675-MW-16S

Instrument Performance Check (BFB)

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2B3888-BFB
Lab File ID: 2B86646.D
Instrument ID: GCMS2B
Injection Date: 08/24/11
Injection Time: 10:56

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	21581	16.1		Pass
75	30.0 - 60.0% of mass 95	60248	45.1		Pass
95	Base peak, 100% relative abundance	133645	100.0		Pass
96	5.0 - 9.0% of mass 95	8971	6.71		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	141336	105.8		Pass
175	5.0 - 9.0% of mass 174	10891	8.15	(7.71) [a]	Pass
176	95.0 - 101.0% of mass 174	138792	103.9	(98.2) [a]	Pass
177	5.0 - 9.0% of mass 176	8948	6.70	(6.45) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2B3888-CC3801	2B86647.D	08/24/11	11:29	00:33	Continuing cal 20
V2B3888-MB	2B86649.D	08/24/11	12:40	01:44	Method Blank
V2B3888-BS	2B86650.D	08/24/11	13:12	02:16	Blank Spike
JA83536-6	2B86652.D	08/24/11	14:27	03:31	137675-MW-15S
JA83565-1	2B86653.D	08/24/11	14:58	04:02	(used for QC only; not part of job JA83536)
ZZZZZZ	2B86654.D	08/24/11	15:30	04:34	(unrelated sample)
ZZZZZZ	2B86655.D	08/24/11	16:01	05:05	(unrelated sample)
ZZZZZZ	2B86656.D	08/24/11	16:32	05:36	(unrelated sample)
ZZZZZZ	2B86657.D	08/24/11	17:04	06:08	(unrelated sample)
ZZZZZZ	2B86658.D	08/24/11	17:35	06:39	(unrelated sample)
ZZZZZZ	2B86659.D	08/24/11	18:06	07:10	(unrelated sample)
JA83565-1MS	2B86660.D	08/24/11	18:37	07:41	Matrix Spike
JA83565-1MSD	2B86661.D	08/24/11	19:09	08:13	Matrix Spike Duplicate
ZZZZZZ	2B86663.D	08/24/11	20:11	09:15	(unrelated sample)
ZZZZZZ	2B86664.D	08/24/11	20:42	09:46	(unrelated sample)
ZZZZZZ	2B86665.D	08/24/11	21:14	10:18	(unrelated sample)
ZZZZZZ	2B86666.D	08/24/11	21:45	10:49	(unrelated sample)
ZZZZZZ	2B86667.D	08/24/11	22:16	11:20	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2B3898-BFB
Lab File ID: 2B86837.D
Instrument ID: GCMS2B
Injection Date: 08/30/11
Injection Time: 08:38

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	18121	15.4		Pass
75	30.0 - 60.0% of mass 95	50064	42.5		Pass
95	Base peak, 100% relative abundance	117848	100.0		Pass
96	5.0 - 9.0% of mass 95	7634	6.48		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	125402	106.4		Pass
175	5.0 - 9.0% of mass 174	9248	7.85	(7.37) [a]	Pass
176	95.0 - 101.0% of mass 174	123320	104.6	(98.3) [a]	Pass
177	5.0 - 9.0% of mass 176	8101	6.87	(6.57) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2B3898-CC3801	2B86838.D	08/30/11	09:12	00:34	Continuing cal 20
V2B3898-MB	2B86840.D	08/30/11	10:24	01:46	Method Blank
V2B3898-BS	2B86841.D	08/30/11	10:55	02:17	Blank Spike
JA84439-8	2B86843.D	08/30/11	12:18	03:40	(used for QC only; not part of job JA83536)
ZZZZZZ	2B86844.D	08/30/11	12:49	04:11	(unrelated sample)
ZZZZZZ	2B86845.D	08/30/11	13:20	04:42	(unrelated sample)
ZZZZZZ	2B86846.D	08/30/11	13:51	05:13	(unrelated sample)
ZZZZZZ	2B86847.D	08/30/11	14:22	05:44	(unrelated sample)
JA84439-8MS	2B86850.D	08/30/11	15:56	07:18	Matrix Spike
JA84439-8MSD	2B86851.D	08/30/11	16:27	07:49	Matrix Spike Duplicate
ZZZZZZ	2B86852.D	08/30/11	16:58	08:20	(unrelated sample)
JA83536-10	2B86853.D	08/30/11	17:30	08:52	137675-MW-24S
ZZZZZZ	2B86854.D	08/30/11	18:01	09:23	(unrelated sample)
ZZZZZZ	2B86855.D	08/30/11	18:32	09:54	(unrelated sample)
ZZZZZZ	2B86856.D	08/30/11	19:03	10:25	(unrelated sample)
ZZZZZZ	2B86857.D	08/30/11	19:34	10:56	(unrelated sample)
ZZZZZZ	2B86858.D	08/30/11	20:06	11:28	(unrelated sample)

Volatile Surrogate Recovery Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JA83536-1	2B86457.D	99.0	109.0	98.0	96.0
JA83536-2	2B86459.D	99.0	109.0	98.0	96.0
JA83536-2	2B86458.D	98.0	110.0	99.0	96.0
JA83536-3	2B86618.D	99.0	104.0	96.0	99.0
JA83536-3	2B86460.D	99.0	110.0	97.0	95.0
JA83536-4	2B86462.D	100.0	110.0	99.0	95.0
JA83536-4	2B86461.D	100.0	110.0	99.0	95.0
JA83536-5	2B86575.D	101.0	114.0	99.0	96.0
JA83536-5	2B86456.D	99.0	110.0	98.0	94.0
JA83536-6	2B86652.D	101.0	106.0	95.0	98.0
JA83536-6	2B86463.D	99.0	111.0	99.0	96.0
JA83536-7	2B86617.D	100.0	105.0	96.0	97.0
JA83536-7	2B86464.D	99.0	109.0	98.0	95.0
JA83536-8	2B86621.D	101.0	105.0	96.0	96.0
JA83536-8	2B86620.D	99.0	104.0	96.0	98.0
JA83536-9	2B86619.D	99.0	103.0	97.0	97.0
JA83536-9	2B86507.D	99.0	109.0	99.0	98.0
JA83536-10	2B86853.D	99.0	97.0	95.0	95.0
JA83536-10	2B86508.D	99.0	109.0	99.0	97.0
JA83536-11	2B86573.D	100.0	112.0	99.0	98.0
JA83536-12	2B86574.D	100.0	111.0	99.0	98.0
JA83536-13	2B86616.D	100.0	105.0	96.0	98.0
JA83536-13	2B86572.D	100.0	112.0	100.0	98.0
JA83405-29MS	2B86569.D	101.0	112.0	101.0	97.0
JA83405-29MSD	2B86570.D	101.0	112.0	100.0	97.0
JA83536-5MS	2B86453.D	100.0	107.0	99.0	96.0
JA83536-5MSD	2B86454.D	99.0	108.0	99.0	95.0
JA83565-1MS	2B86660.D	101.0	103.0	97.0	100.0
JA83565-1MSD	2B86661.D	101.0	101.0	98.0	99.0
JA83679-28MS	2B86494.D	102.0	112.0	99.0	97.0
JA83679-28MSD	2B86495.D	102.0	112.0	100.0	97.0
JA84205-9MS	2B86613.D	101.0	104.0	96.0	98.0
JA84205-9MSD	2B86614.D	101.0	104.0	96.0	99.0
JA84439-8MS	2B86850.D	98.0	95.0	95.0	97.0
JA84439-8MSD	2B86851.D	99.0	96.0	97.0	96.0
V2B3879-BS	2B86452.D	100.0	108.0	99.0	94.0
V2B3879-MB	2B86451.D	100.0	110.0	98.0	95.0
V2B3881-BS	2B86493.D	100.0	109.0	100.0	96.0
V2B3881-MB	2B86492.D	100.0	109.0	98.0	94.0
V2B3884-BS	2B86559.D	100.0	111.0	100.0	96.0

Volatile Surrogate Recovery Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
V2B3884-MB	2B86558.D	99.0	111.0	99.0	96.0
V2B3886-BS	2B86605.D	101.0	103.0	97.0	100.0
V2B3886-MB	2B86604.D	99.0	104.0	96.0	98.0
V2B3888-BS	2B86650.D	102.0	105.0	97.0	98.0
V2B3888-MB	2B86649.D	100.0	102.0	97.0	97.0
V2B3898-BS	2B86841.D	101.0	99.0	96.0	98.0
V2B3898-MB	2B86840.D	100.0	101.0	95.0	98.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	77-120%
S2 = 1,2-Dichloroethane-D4	70-127%
S3 = Toluene-D8	79-120%
S4 = 4-Bromofluorobenzene	76-118%

New Jersey

ACCUTEST LABORATORIES

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2027-MB2	LM50555.D	1	08/22/11	RP	n/a	n/a	GLM2027

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83536-1, JA83536-5, JA83536-7, JA83536-8, JA83536-10, JA83536-11

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	92%	68-114%

Method Blank Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2027-MB3	LM50566.D	1	08/22/11	RP	n/a	n/a	GLM2027

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83536-2, JA83536-3, JA83536-4, JA83536-6, JA83536-9, JA83536-12, JA83536-13

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	93%	68-114%

Method Blank Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2027-MB1	LM50548.D	1	08/22/11	RP	n/a	n/a	GLM2027

The QC reported here applies to the following samples: **Method:** SW846 8015C

GLM2027-BS, JA83370-11MS, JA83370-11MSD

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	94%	68-114%

Blank Spike Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2027-BS	LM50553.D	1	08/22/11	RP	n/a	n/a	GLM2027

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83536-1, JA83536-2, JA83536-3, JA83536-4, JA83536-5, JA83536-6, JA83536-7, JA83536-8, JA83536-9, JA83536-10, JA83536-11, JA83536-12, JA83536-13

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	7.66	96	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	101%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83370-11MS	LM50551.D	1	08/22/11	RP	n/a	n/a	GLM2027
JA83370-11MSD	LM50552.D	1	08/22/11	RP	n/a	n/a	GLM2027
JA83370-11	LM50549.D	1	08/22/11	RP	n/a	n/a	GLM2027

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83536-1, JA83536-2, JA83536-3, JA83536-4, JA83536-5, JA83536-6, JA83536-7, JA83536-8, JA83536-9, JA83536-10, JA83536-11, JA83536-12, JA83536-13

CAS No.	Compound	JA83370-11 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		8	7.72	97	7.36	92	5	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA83370-11	Limits
98-08-8	aaa-Trifluorotoluene	101%	101%	94%	68-114%

Volatile Surrogate Recovery Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
JA83536-1	LM50560.D	95.0
JA83536-2	LM50571.D	95.0
JA83536-3	LM50570.D	95.0
JA83536-4	LM50568.D	95.0
JA83536-5	LM50563.D	93.0
JA83536-6	LM50572.D	95.0
JA83536-7	LM50562.D	93.0
JA83536-8	LM50564.D	96.0
JA83536-9	LM50569.D	96.0
JA83536-10	LM50561.D	95.0
JA83536-11	LM50559.D	95.0
JA83536-12	LM50573.D	95.0
JA83536-13	LM50574.D	94.0
GLM2027-BS	LM50553.D	101.0
GLM2027-MB2	LM50555.D	92.0
GLM2027-MB3	LM50566.D	93.0
JA83370-11MS	LM50551.D	101.0
JA83370-11MSD	LM50552.D	101.0
GLM2027-MB1	LM50548.D	94.0

Surrogate Compounds	Recovery Limits
S1 = aaa-Trifluorotoluene	68-114%

(a) Recovery from GC signal #1

New Jersey

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GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51328-MB1	ZZ64887.D	1	08/26/11	VDT	08/16/11	OP51328	GZZ2201

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83536-1, JA83536-2, JA83536-3, JA83536-4, JA83536-5, JA83536-6, JA83536-7, JA83536-8, JA83536-9, JA83536-10, JA83536-11, JA83536-12, JA83536-13

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	88%	34-131%
16416-32-3	Tetracosane-d50	76%	15-119%
438-22-2	5a-Androstane	66%	11-119%

Blank Spike Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51328-BS1	ZZ64888.D	1	08/26/11	VDT	08/16/11	OP51328	GZZ2201

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83536-1, JA83536-2, JA83536-3, JA83536-4, JA83536-5, JA83536-6, JA83536-7, JA83536-8, JA83536-9, JA83536-10, JA83536-11, JA83536-12, JA83536-13

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-DRO (C10-C28)	1	0.618	62	36-118

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	75%	34-131%
16416-32-3	Tetracosane-d50	73%	15-119%
438-22-2	5a-Androstane	63%	11-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51328-MS	ZZ64923.D	1	08/27/11	VDT	08/16/11	OP51328	GZZ2202
OP51328-MSD	ZZ64924.D	1	08/27/11	VDT	08/16/11	OP51328	GZZ2202
JA83536-1	ZZ64889.D	1	08/26/11	VDT	08/16/11	OP51328	GZZ2201

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83536-1, JA83536-2, JA83536-3, JA83536-4, JA83536-5, JA83536-6, JA83536-7, JA83536-8, JA83536-9, JA83536-10, JA83536-11, JA83536-12, JA83536-13

CAS No.	Compound	JA83536-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	ND		2	1.86	93	1.85	93	1	10-132/38

CAS No.	Surrogate Recoveries	MS	MSD	JA83536-1	Limits
84-15-1	o-Terphenyl	85%	88%	85%	34-131%
16416-32-3	Tetracosane-d50	87%	90%	85%	15-119%
438-22-2	5a-Androstane	80%	84%	74%	11-119%

Semivolatile Surrogate Recovery Summary

Job Number: JA83536
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S2 [a]	S3 [a]
JA83536-1	ZZ64889.D	85.0	85.0	74.0
JA83536-2	ZZ64890.D	77.0	78.0	68.0
JA83536-3	ZZ64963.D	96.0	98.0	89.0
JA83536-4	ZZ64964.D	55.0	54.0	49.0
JA83536-5	ZZ64908.D	87.0	85.0	75.0
JA83536-6	ZZ64909.D	88.0	87.0	75.0
JA83536-7	ZZ64965.D	108.0	107.0	97.0
JA83536-8	ZZ64911.D	89.0	88.0	77.0
JA83536-9	ZZ64966.D	64.0	64.0	58.0
JA83536-10	ZZ64967.D	97.0	94.0	87.0
JA83536-11	ZZ64968.D	98.0	98.0	90.0
JA83536-12	ZZ64969.D	102.0	98.0	88.0
JA83536-13	ZZ64970.D	107.0	104.0	94.0
OP51328-BS1	ZZ64888.D	75.0	73.0	63.0
OP51328-MB1	ZZ64887.D	88.0	76.0	66.0
OP51328-MS	ZZ64923.D	85.0	87.0	80.0
OP51328-MSD	ZZ64924.D	88.0	90.0	84.0

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	34-131%
S2 = Tetracosane-d50	15-119%
S3 = 5a-Androstane	11-119%

(a) Recovery from GC signal #1

New Jersey
ACCUTEST LABORATORIES

09/03/11

Technical Report for

Shell Oil Products US

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

INC#97436977

Accutest Job Number: JA83537

Sampling Date: 08/11/11

Report to:

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ATTN: Jenna Anthony

Total number of pages in report: **69**

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Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
VP, Laboratory Director

Client Service contact: Marty Vitanza 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

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Accutest Laboratories

Sample Summary

Shell Oil Products US

Job No: JA83537

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD
Project No: INC#97436977

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA83537-1	08/11/11	10:00	JA	08/12/11	DW	Drinking Water	600 BRYANTS NURSERY
JA83537-2	08/11/11	13:45	JA	08/12/11	DW	Drinking Water	610 BRYANTS NURSERY
JA83537-3	08/11/11	08:30	JA	08/12/11	DW	Drinking Water	621 BRYANTS NURSERY
JA83537-4	08/11/11	09:00	JA	08/12/11	DW	Drinking Water	660 BRYANTS NURSERY
JA83537-5	08/11/11	15:15	JA	08/12/11	DW	Drinking Water	670 BRYANTS NURSERY

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Shell Oil Products US	**Job No**	JA83537
Site:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Sprin	**Report Date**	9/3/2011 8:16:45 AM

On 08/12/2011, 5 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 6 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA83537 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method EPA 524.2 REV 4.1

Matrix: AQ **Batch ID:** V1B2721

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83667-1MS, JA83667-2DUP were used as the QC samples indicated.

Volatiles by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** GLM2025

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83394-1MS, JA83394-1MSD were used as the QC samples indicated.

Matrix: AQ **Batch ID:** GUV3621

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83213-14MS, JA83213-14MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** OP51315

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83370-1MS, JA83370-1MSD were used as the QC samples indicated.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

New Jersey

ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	600 BRYANTS NURSERY		
Lab Sample ID:	JA83537-1	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B59229.D	1	08/16/11	MFH	n/a	n/a	V1B2721
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.5	ug/l	
78-93-3	2-Butanone	ND		5.0	0.91	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.034	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.086	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.15	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.063	ug/l	
75-25-2	Bromoform	ND		0.50	0.11	ug/l	
74-83-9	Bromomethane	ND		0.50	0.21	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.086	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.19	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.052	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.042	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.067	ug/l	
75-00-3	Chloroethane	ND		0.50	0.22	ug/l	
67-66-3	Chloroform	ND		0.50	0.075	ug/l	
74-87-3	Chloromethane	ND		0.50	0.082	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.093	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.058	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.086	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.072	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.13	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.069	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.073	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.12	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.073	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.18	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.092	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.12	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.049	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	600 BRYANTS NURSERY		
Lab Sample ID:	JA83537-1	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.069	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.062	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.14	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.085	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.051	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.20	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.076	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.077	ug/l	
110-54-3	Hexane	ND		0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.37	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.096	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.13	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.058	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.28	ug/l	
91-20-3	Naphthalene	ND		0.50	0.12	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.064	ug/l	
100-42-5	Styrene	0.097	100	0.50	0.052	ug/l	J
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.14	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.065	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.078	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.12	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.058	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.24	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.14	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.089	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.085	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.067	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.083	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.13	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.12	ug/l	
	m,p-Xylene	ND		1.0	0.26	ug/l	
95-47-6	o-Xylene	ND		0.50	0.044	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.044	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	600 BRYANTS NURSERY		
Lab Sample ID:	JA83537-1	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	100%		78-114%
460-00-4	4-Bromofluorobenzene	91%		77-115%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	600 BRYANTS NURSERY		
Lab Sample ID:	JA83537-1	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91501.D	1	08/19/11	RP	n/a	n/a	GUV3621
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND		0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	83%		68-114%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	600 BRYANTS NURSERY		
Lab Sample ID:	JA83537-1	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33968.D	1	08/26/11	VDT	08/16/11	OP51315	G3Z1043
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND		0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	104%		34-131%
16416-32-3	Tetracosane-d50	96%		15-119%
438-22-2	5a-Androstane	98%		11-119%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	610 BRYANTS NURSERY		
Lab Sample ID:	JA83537-2	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B59230.D	1	08/16/11	MFH	n/a	n/a	V1B2721
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.5	ug/l	
78-93-3	2-Butanone	ND		5.0	0.91	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.034	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.086	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.15	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.063	ug/l	
75-25-2	Bromoform	ND		0.50	0.11	ug/l	
74-83-9	Bromomethane	ND		0.50	0.21	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.086	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.19	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.052	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.042	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.067	ug/l	
75-00-3	Chloroethane	ND		0.50	0.22	ug/l	
67-66-3	Chloroform	ND		0.50	0.075	ug/l	
74-87-3	Chloromethane	ND		0.50	0.082	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.093	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.058	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.086	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.072	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.13	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.069	ug/l	
107-06-2	1,2-Dichloroethane	0.16	5.0	0.50	0.073	ug/l	J
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.12	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.073	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.18	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.092	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.12	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.049	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	610 BRYANTS NURSERY		
Lab Sample ID:	JA83537-2	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.069	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.062	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.14	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.085	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.051	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.20	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.076	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.077	ug/l	
110-54-3	Hexane	ND		0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.37	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.096	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.13	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.058	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.28	ug/l	
91-20-3	Naphthalene	ND		0.50	0.12	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.064	ug/l	
100-42-5	Styrene	ND	100	0.50	0.052	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.14	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.065	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.078	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.12	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.058	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.24	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.14	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.089	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.085	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.067	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.083	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.13	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.12	ug/l	
	m,p-Xylene	ND		1.0	0.26	ug/l	
95-47-6	o-Xylene	ND		0.50	0.044	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.044	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	610 BRYANTS NURSERY		
Lab Sample ID:	JA83537-2	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	102%		78-114%
460-00-4	4-Bromofluorobenzene	95%		77-115%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	610 BRYANTS NURSERY		
Lab Sample ID:	JA83537-2	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91502.D	1	08/19/11	RP	n/a	n/a	GUV3621
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND		0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	83%		68-114%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	610 BRYANTS NURSERY		
Lab Sample ID:	JA83537-2	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33969.D	1	08/26/11	VDT	08/16/11	OP51315	G3Z1043
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND		0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	103%		34-131%
16416-32-3	Tetracosane-d50	96%		15-119%
438-22-2	5a-Androstane	99%		11-119%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	621 BRYANTS NURSERY		
Lab Sample ID:	JA83537-3	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B59235.D	1	08/17/11	MFH	n/a	n/a	V1B2721
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.5	ug/l	
78-93-3	2-Butanone	ND		5.0	0.91	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.034	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.086	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.15	ug/l	
75-27-4	Bromodichloromethane	0.54		0.50	0.063	ug/l	
75-25-2	Bromoform	ND		0.50	0.11	ug/l	
74-83-9	Bromomethane	ND		0.50	0.21	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.086	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.19	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.052	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.042	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.067	ug/l	
75-00-3	Chloroethane	ND		0.50	0.22	ug/l	
67-66-3	Chloroform	30.9		0.50	0.075	ug/l	
74-87-3	Chloromethane	ND		0.50	0.082	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.093	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.058	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.086	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.072	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.13	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.069	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.073	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.12	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.073	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.18	ug/l	
124-48-1	Dibromochloromethane	0.16		0.50	0.092	ug/l	J
74-95-3	Dibromomethane	ND		0.50	0.12	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.049	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	621 BRYANTS NURSERY		
Lab Sample ID:	JA83537-3	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.069	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.062	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.14	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.085	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.051	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.20	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.076	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.077	ug/l	
110-54-3	Hexane	ND		0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.37	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.096	ug/l	
75-09-2	Methylene chloride	0.17	5.0	0.50	0.13	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.058	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.28	ug/l	
91-20-3	Naphthalene	ND		0.50	0.12	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.064	ug/l	
100-42-5	Styrene	ND	100	0.50	0.052	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.14	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.065	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.078	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.12	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.058	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.24	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.14	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.089	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.085	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.067	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.083	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.13	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.12	ug/l	
	m,p-Xylene	ND		1.0	0.26	ug/l	
95-47-6	o-Xylene	ND		0.50	0.044	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.044	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	621 BRYANTS NURSERY		
Lab Sample ID:	JA83537-3	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	102%		78-114%
460-00-4	4-Bromofluorobenzene	93%		77-115%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	621 BRYANTS NURSERY		
Lab Sample ID:	JA83537-3	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91503.D	1	08/19/11	RP	n/a	n/a	GUV3621
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND		0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	81%		68-114%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	621 BRYANTS NURSERY		
Lab Sample ID:	JA83537-3	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33970.D	1	08/26/11	VDT	08/16/11	OP51315	G3Z1043
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND		0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	95%		34-131%
16416-32-3	Tetracosane-d50	91%		15-119%
438-22-2	5a-Androstane	94%		11-119%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	660 BRYANTS NURSERY		
Lab Sample ID:	JA83537-4	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B59236.D	1	08/17/11	MFH	n/a	n/a	V1B2721
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.5	ug/l	
78-93-3	2-Butanone	ND		5.0	0.91	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.034	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.086	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.15	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.063	ug/l	
75-25-2	Bromoform	ND		0.50	0.11	ug/l	
74-83-9	Bromomethane	ND		0.50	0.21	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.086	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.19	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.052	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.042	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.067	ug/l	
75-00-3	Chloroethane	ND		0.50	0.22	ug/l	
67-66-3	Chloroform	ND		0.50	0.075	ug/l	
74-87-3	Chloromethane	ND		0.50	0.082	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.093	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.058	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.086	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.072	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.13	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.069	ug/l	
107-06-2	1,2-Dichloroethane	0.17	5.0	0.50	0.073	ug/l	J
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.12	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.073	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.18	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.092	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.12	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.049	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	660 BRYANTS NURSERY		
Lab Sample ID:	JA83537-4	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.069	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.062	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.14	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.085	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.051	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.20	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.076	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.077	ug/l	
110-54-3	Hexane	ND		0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.37	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.096	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.13	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.058	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.28	ug/l	
91-20-3	Naphthalene	ND		0.50	0.12	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.064	ug/l	
100-42-5	Styrene	ND	100	0.50	0.052	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.14	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.065	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.078	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.12	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.058	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.24	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.14	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.089	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.085	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.067	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.083	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.13	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.12	ug/l	
	m,p-Xylene	ND		1.0	0.26	ug/l	
95-47-6	o-Xylene	ND		0.50	0.044	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.044	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	660 BRYANTS NURSERY		
Lab Sample ID:	JA83537-4	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	100%		78-114%
460-00-4	4-Bromofluorobenzene	92%		77-115%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	660 BRYANTS NURSERY		
Lab Sample ID:	JA83537-4	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50533.D	1	08/19/11	RP	n/a	n/a	GLM2025
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND		0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		68-114%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	660 BRYANTS NURSERY		
Lab Sample ID:	JA83537-4	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33971.D	1	08/26/11	VDT	08/16/11	OP51315	G3Z1043
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND		0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	101%		34-131%
16416-32-3	Tetracosane-d50	96%		15-119%
438-22-2	5a-Androstane	98%		11-119%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	670 BRYANTS NURSERY		
Lab Sample ID:	JA83537-5	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B59237.D	1	08/17/11	MFH	n/a	n/a	V1B2721
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.5	ug/l	
78-93-3	2-Butanone	ND		5.0	0.91	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.034	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.086	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.15	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.063	ug/l	
75-25-2	Bromoform	ND		0.50	0.11	ug/l	
74-83-9	Bromomethane	ND		0.50	0.21	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.086	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.19	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.052	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.042	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.067	ug/l	
75-00-3	Chloroethane	ND		0.50	0.22	ug/l	
67-66-3	Chloroform	ND		0.50	0.075	ug/l	
74-87-3	Chloromethane	ND		0.50	0.082	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.093	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.058	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.086	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.072	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.13	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.069	ug/l	
107-06-2	1,2-Dichloroethane	0.16	5.0	0.50	0.073	ug/l	J
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.12	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.073	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.18	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.092	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.12	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.049	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	670 BRYANTS NURSERY		
Lab Sample ID:	JA83537-5	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.069	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.062	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.14	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.085	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.051	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.20	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.076	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.077	ug/l	
110-54-3	Hexane	ND		0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.37	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.096	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.13	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.31		0.50	0.058	ug/l	J
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.28	ug/l	
91-20-3	Naphthalene	ND		0.50	0.12	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.064	ug/l	
100-42-5	Styrene	ND	100	0.50	0.052	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.14	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.065	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.078	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.12	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.058	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.24	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.14	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.089	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.085	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.067	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.083	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.13	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.12	ug/l	
	m,p-Xylene	ND		1.0	0.26	ug/l	
95-47-6	o-Xylene	ND		0.50	0.044	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.044	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	670 BRYANTS NURSERY		
Lab Sample ID:	JA83537-5	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	101%		78-114%
460-00-4	4-Bromofluorobenzene	93%		77-115%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	670 BRYANTS NURSERY		
Lab Sample ID:	JA83537-5	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50534.D	1	08/19/11	RP	n/a	n/a	GLM2025
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND		0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		68-114%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	670 BRYANTS NURSERY		
Lab Sample ID:	JA83537-5	**Date Sampled:**	08/11/11
Matrix:	DW - Drinking Water	**Date Received:**	08/12/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33972.D	1	08/26/11	VDT	08/16/11	OP51315	G3Z1043
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND		0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	95%		34-131%
16416-32-3	Tetracosane-d50	89%		15-119%
438-22-2	5a-Androstane	90%		11-119%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New Jersey

ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

8768 0886 3326

AW

Shell Oil Products Chain Of Custody Record

URS

LAB (LOCATION)
- [ ] XENCO ( )
- [ ] Test America ( )
- [x] OTHER: ( )
  - [x] Lab Vendor # ( )
- [ ] SPL ( )

Lab Vendor #

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP # 137675

[ ] CHECK IF NO INCIDENT # APPLIES

DATE: 8/11/11

PAGE: 1 of 2

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

TELEPHONE: 301-258-9780 FAX: 301-869-8726 Bill To Contact E-MAIL: adriane_rogers@urscorp.com

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring State: MD GLOBAL ID NO.:

EDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers PHONE NO.: 301-258-9780 E-MAIL: adriane_rogers@urscorp.com CONSULTANT PROJECT NO.: 137675

SAMPLER NAME(S) (Print): J. Anthony

LAB USE ONLY: JA83537

TURNAROUND TIME (CALENDAR DAYS):
- [x] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [ ] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
- [ ] DIST AGENCY:

DELIVERABLES: [ ] LEVEL 1 [x] LEVEL 2 [ ] LEVEL 3 [ ] LEVEL 4 [ ] OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1 6C Cooler #2 Cooler #3

SPECIAL INSTRUCTIONS OR NOTES:
- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED
- [ ] PROVIDE EDD DISK

REQUESTED ANALYSIS

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	Full List VOCs + oxy 5 (524.2) Drinking Water	Container PID Readings or Laboratory Notes
1	600 Bryants Nursery	8/11	1000	DW							X	X	X	EX28, 2263
	~~601 Bryants Nursery~~			DW							X	X	X	
2	610 Bryants Nursery	8/11	1345	DW							X	X	X	
	~~611 Bryants Nursery~~			DW							X	X	X	
3	621 Bryants Nursery	8/11	830	DW							X	X	X	
	~~640 Bryants Nursery~~			DW							X	X	X	
	~~650 Bryants Nursery~~			DW							X	X	X	
	~~651 Bryants Nursery~~			DW							X	X	X	
4	~~660 Bryants Nursery~~ ok	8/11	900	DW							X	X	X	
	~~661 Bryants Nursery~~			DW							X	X	X	

No Trip Blank Received

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
J. Anthony	Fed Ex	8/11/11	1600
Fed Ex ~~8/12/11 1000~~	Mendura	8/12/11	1000

05/2/06 Revision

ALL SAMPLES RECEIVED PRESERVED AS APPLICABLE
BC

JA83537: Chain of Custody
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DW

Shell Oil Products Chain Of Custody Record

URS

LAB (LOCATION)
- ☐ XENCO ( )
- ☐ Test America ( )
- ☑ OTHER ( )
- ☐ SPL ( )
- ☑ Lab Vendor # ( )

Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP #: 137675

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 8/11/11

PAGE: 2 of 2

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

TELEPHONE: 301-258-9780 FAX: 301-869-8728 Bill To Contact E-MAIL: adriane_rogers@urscorp.com

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring State: MD GLOBAL ID NO.:

EDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers PHONE NO.: 301-258-9780 E-MAIL: adriane_rogers@urscorp.com CONSULTANT PROJECT NO.: 137675

SAMPLER NAME(S) (Print): J. Anthony

LAB USE ONLY: JA83537

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1 Cooler #2 Cooler #3

SPECIAL INSTRUCTIONS OR NOTES :
- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED
- ☐ PROVIDE EDD DISK

REQUESTED ANALYSIS

Lab Use Only	Field Sample Identification	Sampling Date	Sampling Time	Matrix	HCL	HNO3	H2SO4	NONE	OTHER	No. of Cont.	TPH - (8015) GRO	TPH - (8015) DRO	Full List VOCs + oxy 5 (524.2) Drinking Water	Field Notes / Container PID Readings or Laboratory Notes
5	670 Bryants Nursery	8/11	1515	DW							X	X	X	
	~~700 Bryants Nursery~~			DW							X	X	X	
	~~701 Bryants Nursery~~			DW							X	X	X	

FIELD NOTES:
TEMPERATURE ON RECEIPT C°
Container PID Readings or Laboratory Notes

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
J. Anthony	FedEx	8/11/11	1600
FedEx	Mathew	8/12/11	1000

05/2/06 Revision

4.1

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JA83537: Chain of Custody
Page 2 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number JA83537 **Client:**

Date / Time Received: 8/12/2011 **Project:**

No. Coolers: 1 **Airbill #'s:** **Delivery Method:**

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	

Quality Control Preservatio	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA83537: Chain of Custody
Page 3 of 3

New Jersey

ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2721-MB1	1B59211.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83537-1, JA83537-2

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.5	ug/l	
78-93-3	2-Butanone	ND	5.0	0.91	ug/l	
71-43-2	Benzene	ND	0.50	0.034	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.086	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.15	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.063	ug/l	
75-25-2	Bromoform	ND	0.50	0.11	ug/l	
74-83-9	Bromomethane	ND	0.50	0.21	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.086	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.19	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.052	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.042	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.067	ug/l	
75-00-3	Chloroethane	ND	0.50	0.22	ug/l	
67-66-3	Chloroform	ND	0.50	0.075	ug/l	
74-87-3	Chloromethane	ND	0.50	0.082	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.093	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.058	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.086	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.072	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.13	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.069	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.073	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.12	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.073	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.18	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.092	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.12	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	0.50	0.049	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.069	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.062	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.14	ug/l	

Method Blank Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2721-MB1	1B59211.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83537-1, JA83537-2

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.085	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.051	ug/l	
108-20-3	Di-Isopropyl ether	ND	0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.20	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND	0.50	0.076	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.077	ug/l	
110-54-3	Hexane	ND	0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND	2.0	0.37	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.096	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.13	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.058	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	0.50	0.12	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.064	ug/l	
100-42-5	Styrene	ND	0.50	0.052	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	0.50	0.14	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.065	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.078	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.10	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.12	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.058	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.24	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.14	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.089	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.19	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.085	ug/l	
108-88-3	Toluene	ND	0.50	0.067	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.083	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.13	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND	5.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.12	ug/l	
	m,p-Xylene	ND	1.0	0.26	ug/l	
95-47-6	o-Xylene	ND	0.50	0.044	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.044	ug/l	

Method Blank Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2721-MB1	1B59211.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83537-1, JA83537-2

CAS No.	Surrogate Recoveries		Limits
2199-69-1	1,2-Dichlorobenzene-d4	102%	78-114%
460-00-4	4-Bromofluorobenzene	93%	77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2721-MB2	1B59234.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83537-3, JA83537-4, JA83537-5

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.5	ug/l	
78-93-3	2-Butanone	ND	5.0	0.91	ug/l	
71-43-2	Benzene	ND	0.50	0.034	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.086	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.15	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.063	ug/l	
75-25-2	Bromoform	ND	0.50	0.11	ug/l	
74-83-9	Bromomethane	ND	0.50	0.21	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.086	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.19	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.052	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.042	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.067	ug/l	
75-00-3	Chloroethane	ND	0.50	0.22	ug/l	
67-66-3	Chloroform	ND	0.50	0.075	ug/l	
74-87-3	Chloromethane	ND	0.50	0.082	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.093	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.058	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.086	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.072	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.13	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.069	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.073	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.12	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.073	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.18	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.092	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.12	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	0.50	0.049	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.069	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.062	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.14	ug/l	

Method Blank Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2721-MB2	1B59234.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83537-3, JA83537-4, JA83537-5

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.085	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.051	ug/l	
108-20-3	Di-Isopropyl ether	ND	0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.20	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND	0.50	0.076	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.077	ug/l	
110-54-3	Hexane	ND	0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND	2.0	0.37	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.096	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.13	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.058	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	0.50	0.12	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.064	ug/l	
100-42-5	Styrene	ND	0.50	0.052	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	0.50	0.14	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.065	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.078	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.10	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.12	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.058	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.24	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.14	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.089	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.19	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.085	ug/l	
108-88-3	Toluene	ND	0.50	0.067	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.083	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.13	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND	5.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.12	ug/l	
	m,p-Xylene	ND	1.0	0.26	ug/l	
95-47-6	o-Xylene	ND	0.50	0.044	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.044	ug/l	

Method Blank Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2721-MB2	1B59234.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83537-3, JA83537-4, JA83537-5

CAS No.	Surrogate Recoveries		Limits
2199-69-1	1,2-Dichlorobenzene-d4	102%	78-114%
460-00-4	4-Bromofluorobenzene	91%	77-115%

Blank Spike Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2721-BS	1B59212.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83537-1, JA83537-2, JA83537-3, JA83537-4, JA83537-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	20	19.6	98	70-130
78-93-3	2-Butanone	20	20.3	102	70-130
71-43-2	Benzene	5	4.3	86	70-130
108-86-1	Bromobenzene	5	4.7	94	70-130
74-97-5	Bromochloromethane	5	4.8	96	70-130
75-27-4	Bromodichloromethane	5	4.3	86	70-130
75-25-2	Bromoform	5	4.4	88	70-130
74-83-9	Bromomethane	2	1.9	95	70-130
104-51-8	n-Butylbenzene	5	4.4	88	70-130
135-98-8	sec-Butylbenzene	5	4.5	90	70-130
98-06-6	tert-Butylbenzene	5	4.4	88	70-130
75-15-0	Carbon disulfide	5	4.0	80	70-130
108-90-7	Chlorobenzene	5	4.5	90	70-130
75-00-3	Chloroethane	2	1.9	95	70-130
67-66-3	Chloroform	5	4.2	84	70-130
74-87-3	Chloromethane	2	1.6	80	70-130
95-49-8	o-Chlorotoluene	5	4.6	92	70-130
106-43-4	p-Chlorotoluene	5	4.3	86	70-130
56-23-5	Carbon tetrachloride	5	4.1	82	70-130
75-34-3	1,1-Dichloroethane	5	4.2	84	70-130
75-35-4	1,1-Dichloroethylene	5	4.0	80	70-130
563-58-6	1,1-Dichloropropene	5	4.1	82	70-130
96-12-8	1,2-Dibromo-3-chloropropane	5	4.7	94	70-130
106-93-4	1,2-Dibromoethane	5	4.6	92	70-130
107-06-2	1,2-Dichloroethane	5	4.3	86	70-130
78-87-5	1,2-Dichloropropane	5	4.3	86	70-130
142-28-9	1,3-Dichloropropane	5	4.5	90	70-130
594-20-7	2,2-Dichloropropane	5	3.9	78	70-130
124-48-1	Dibromochloromethane	5	4.5	90	70-130
74-95-3	Dibromomethane	5	4.5	90	70-130
75-71-8	Dichlorodifluoromethane	2	1.4	70	70-130
541-73-1	m-Dichlorobenzene	5	4.7	94	70-130
95-50-1	o-Dichlorobenzene	5	4.8	96	70-130
106-46-7	p-Dichlorobenzene	5	4.8	96	70-130
156-60-5	trans-1,2-Dichloroethylene	5	4.0	80	70-130
156-59-2	cis-1,2-Dichloroethylene	5	4.4	88	70-130

Blank Spike Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2721-BS	1B59212.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83537-1, JA83537-2, JA83537-3, JA83537-4, JA83537-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-01-5	cis-1,3-Dichloropropene	5	4.3	86	70-130
10061-02-6	trans-1,3-Dichloropropene	5	4.4	88	70-130
108-20-3	Di-Isopropyl ether	5	4.3	86	70-130
100-41-4	Ethylbenzene	5	4.2	84	70-130
637-92-3	Ethyl tert Butyl Ether	5	4.7	94	70-130
87-68-3	Hexachlorobutadiene	5	4.7	94	70-130
110-54-3	Hexane	5	4.6	92	70-130
591-78-6	2-Hexanone	20	18.3	92	70-130
98-82-8	Isopropylbenzene	5	4.3	86	70-130
99-87-6	p-Isopropyltoluene	5	4.5	90	70-130
75-09-2	Methylene chloride	5	4.3	86	70-130
1634-04-4	Methyl Tert Butyl Ether	10	9.1	91	70-130
108-10-1	4-Methyl-2-pentanone	20	18.9	95	70-130
91-20-3	Naphthalene	5	5.4	108	70-130
103-65-1	n-Propylbenzene	5	4.4	88	70-130
100-42-5	Styrene	5	4.1	82	70-130
994-05-8	tert-Amyl Methyl Ether	5	4.8	96	70-130
630-20-6	1,1,1,2-Tetrachloroethane	5	4.5	90	70-130
71-55-6	1,1,1-Trichloroethane	5	4.1	82	70-130
79-34-5	1,1,2,2-Tetrachloroethane	5	4.8	96	70-130
79-00-5	1,1,2-Trichloroethane	5	4.6	92	70-130
87-61-6	1,2,3-Trichlorobenzene	5	5.3	106	70-130
96-18-4	1,2,3-Trichloropropane	5	4.8	96	70-130
120-82-1	1,2,4-Trichlorobenzene	5	5.1	102	70-130
95-63-6	1,2,4-Trimethylbenzene	5	4.5	90	70-130
108-67-8	1,3,5-Trimethylbenzene	5	4.4	88	70-130
127-18-4	Tetrachloroethylene	5	4.4	88	70-130
108-88-3	Toluene	5	4.4	88	70-130
79-01-6	Trichloroethylene	5	4.2	84	70-130
75-69-4	Trichlorofluoromethane	2	1.6	80	70-130
75-65-0	Tertiary Butyl Alcohol	25	26.6	106	70-130
75-01-4	Vinyl chloride	2	1.5	75	70-130
	m,p-Xylene	10	8.9	89	70-130
95-47-6	o-Xylene	5	4.4	88	70-130
1330-20-7	Xylenes (total)	15	13.3	89	70-130

Blank Spike Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2721-BS	1B59212.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83537-1, JA83537-2, JA83537-3, JA83537-4, JA83537-5

CAS No.	Surrogate Recoveries	BSP	Limits
2199-69-1	1,2-Dichlorobenzene-d4	107%	78-114%
460-00-4	4-Bromofluorobenzene	95%	77-115%

Matrix Spike Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83667-1MS	1B59222.D	1	08/16/11	MFH	n/a	n/a	V1B2721
JA83667-1	1B59218.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83537-1, JA83537-2, JA83537-3, JA83537-4, JA83537-5

CAS No.	Compound	JA83667-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
67-64-1	Acetone	ND		20	17.9	90	41-142
78-93-3	2-Butanone	ND		20	17.7	89	55-129
71-43-2	Benzene	ND		5	3.9	78	53-138
108-86-1	Bromobenzene	ND		5	3.9	78	54-138
74-97-5	Bromochloromethane	ND		5	4.2	84	55-140
75-27-4	Bromodichloromethane	ND		5	3.7	74	57-147
75-25-2	Bromoform	ND		5	3.4	68	47-137
74-83-9	Bromomethane	ND		2	1.9	95	40-162
104-51-8	n-Butylbenzene	ND		5	4.0	80	45-144
135-98-8	sec-Butylbenzene	ND		5	4.0	80	46-145
98-06-6	tert-Butylbenzene	ND		5	3.8	76	48-141
75-15-0	Carbon disulfide	ND		5	3.5	70	35-127
108-90-7	Chlorobenzene	ND		5	3.9	78	54-135
75-00-3	Chloroethane	ND		2	2.0	100	38-153
67-66-3	Chloroform	ND		5	3.8	76	57-151
74-87-3	Chloromethane	ND		2	1.6	80	39-165
95-49-8	o-Chlorotoluene	ND		5	3.9	78	55-142
106-43-4	p-Chlorotoluene	ND		5	3.7	74	55-139
56-23-5	Carbon tetrachloride	ND		5	4.5	90	49-170
75-34-3	1,1-Dichloroethane	ND		5	3.9	78	55-149
75-35-4	1,1-Dichloroethylene	ND		5	4.4	88	42-142
563-58-6	1,1-Dichloropropene	ND		5	4.2	84	46-151
96-12-8	1,2-Dibromo-3-chloropropane	ND		5	4.3	86	48-141
106-93-4	1,2-Dibromoethane	ND		5	4.0	80	57-135
107-06-2	1,2-Dichloroethane	ND		5	3.6	72	59-166
78-87-5	1,2-Dichloropropane	ND		5	3.7	74	53-142
142-28-9	1,3-Dichloropropane	ND		5	3.9	78	58-143
594-20-7	2,2-Dichloropropane	ND		5	4.1	82	38-165
124-48-1	Dibromochloromethane	ND		5	3.6	72	55-138
74-95-3	Dibromomethane	ND		5	3.9	78	61-144
75-71-8	Dichlorodifluoromethane	ND		2	2.4	120	23-172
541-73-1	m-Dichlorobenzene	ND		5	3.9	78	53-138
95-50-1	o-Dichlorobenzene	ND		5	4.0	80	54-140
106-46-7	p-Dichlorobenzene	ND		5	3.9	78	53-137
156-60-5	trans-1,2-Dichloroethylene	ND		5	3.9	78	47-148
156-59-2	cis-1,2-Dichloroethylene	ND		5	4.0	80	51-146

Matrix Spike Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83667-1MS	1B59222.D	1	08/16/11	MFH	n/a	n/a	V1B2721
JA83667-1	1B59218.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83537-1, JA83537-2, JA83537-3, JA83537-4, JA83537-5

CAS No.	Compound	JA83667-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
10061-01-5	cis-1,3-Dichloropropene	ND		5	3.6	72	51-136
10061-02-6	trans-1,3-Dichloropropene	ND		5	3.7	74	54-142
108-20-3	Di-Isopropyl ether	ND		5	4.1	82	38-142
100-41-4	Ethylbenzene	ND		5	3.8	76	51-138
637-92-3	Ethyl tert Butyl Ether	ND		5	4.2	84	49-134
87-68-3	Hexachlorobutadiene	ND		5	4.4	88	40-154
110-54-3	Hexane	ND		5	6.5	130	22-142
591-78-6	2-Hexanone	ND		20	16.4	82	53-128
98-82-8	Isopropylbenzene	ND		5	3.9	78	49-139
99-87-6	p-Isopropyltoluene	ND		5	3.9	78	45-141
75-09-2	Methylene chloride	ND		5	3.7	74	54-137
1634-04-4	Methyl Tert Butyl Ether	ND		5	3.7	74	53-143
108-10-1	4-Methyl-2-pentanone	ND		20	15.6	78	58-127
91-20-3	Naphthalene	ND		5	4.4	88	44-140
103-65-1	n-Propylbenzene	ND		5	3.9	78	50-142
100-42-5	Styrene	0.058	J	5	3.4	67	23-130
994-05-8	tert-Amyl Methyl Ether	ND		5	4.3	86	51-125
630-20-6	1,1,1,2-Tetrachloroethane	ND		5	4.0	80	57-144
71-55-6	1,1,1-Trichloroethane	ND		5	4.1	82	52-164
79-34-5	1,1,2,2-Tetrachloroethane	ND		5	4.1	82	58-138
79-00-5	1,1,2-Trichloroethane	ND		5	3.9	78	59-139
87-61-6	1,2,3-Trichlorobenzene	ND		5	4.1	82	47-141
96-18-4	1,2,3-Trichloropropane	ND		5	4.2	84	56-148
120-82-1	1,2,4-Trichlorobenzene	ND		5	4.0	80	46-137
95-63-6	1,2,4-Trimethylbenzene	ND		5	3.7	74	41-138
108-67-8	1,3,5-Trimethylbenzene	ND		5	3.7	74	45-138
127-18-4	Tetrachloroethylene	ND		5	4.4	88	45-145
108-88-3	Toluene	ND		5	4.0	80	52-134
79-01-6	Trichloroethylene	ND		5	4.0	80	54-143
75-69-4	Trichlorofluoromethane	ND		2	2.3	115	36-167
75-65-0	Tertiary Butyl Alcohol	ND		25	21.9	88	61-132
75-01-4	Vinyl chloride	ND		2	1.8	90	35-162
	m,p-Xylene	ND		10	7.8	78	49-135
95-47-6	o-Xylene	ND		5	3.8	76	49-134
1330-20-7	Xylenes (total)	ND		15	11.7	78	50-134

Matrix Spike Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83667-1MS	1B59222.D	1	08/16/11	MFH	n/a	n/a	V1B2721
JA83667-1	1B59218.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83537-1, JA83537-2, JA83537-3, JA83537-4, JA83537-5

CAS No.	Surrogate Recoveries	MS	JA83667-1	Limits
2199-69-1	1,2-Dichlorobenzene-d4	107%	99%	78-114%
460-00-4	4-Bromofluorobenzene	96%	93%	77-115%

Duplicate Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83667-2DUP	1B59223.D	1	08/16/11	MFH	n/a	n/a	V1B2721
JA83667-2	1B59219.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83537-1, JA83537-2, JA83537-3, JA83537-4, JA83537-5

CAS No.	Compound	JA83667-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
67-64-1	Acetone	ND		ND		nc	10
78-93-3	2-Butanone	ND		ND		nc	12
71-43-2	Benzene	ND		ND		nc	10
108-86-1	Bromobenzene	ND		ND		nc	10
74-97-5	Bromochloromethane	ND		ND		nc	10
75-27-4	Bromodichloromethane	ND		ND		nc	10
75-25-2	Bromoform	ND		ND		nc	10
74-83-9	Bromomethane	ND		ND		nc	10
104-51-8	n-Butylbenzene	ND		ND		nc	10
135-98-8	sec-Butylbenzene	ND		ND		nc	10
98-06-6	tert-Butylbenzene	ND		ND		nc	10
75-15-0	Carbon disulfide	ND		ND		nc	19
108-90-7	Chlorobenzene	ND		ND		nc	10
75-00-3	Chloroethane	ND		ND		nc	10
67-66-3	Chloroform	ND		ND		nc	12
74-87-3	Chloromethane	ND		ND		nc	10
95-49-8	o-Chlorotoluene	ND		ND		nc	10
106-43-4	p-Chlorotoluene	ND		ND		nc	10
56-23-5	Carbon tetrachloride	ND		ND		nc	10
75-34-3	1,1-Dichloroethane	ND		ND		nc	10
75-35-4	1,1-Dichloroethylene	ND		ND		nc	10
563-58-6	1,1-Dichloropropene	ND		ND		nc	10
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	10
106-93-4	1,2-Dibromoethane	ND		ND		nc	10
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
78-87-5	1,2-Dichloropropane	ND		ND		nc	10
142-28-9	1,3-Dichloropropane	ND		ND		nc	10
594-20-7	2,2-Dichloropropane	ND		ND		nc	10
124-48-1	Dibromochloromethane	ND		ND		nc	10
74-95-3	Dibromomethane	ND		ND		nc	10
75-71-8	Dichlorodifluoromethane	ND		ND		nc	10
541-73-1	m-Dichlorobenzene	ND		ND		nc	10
95-50-1	o-Dichlorobenzene	ND		ND		nc	10
106-46-7	p-Dichlorobenzene	ND		ND		nc	10
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	10

Duplicate Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83667-2DUP	1B59223.D	1	08/16/11	MFH	n/a	n/a	V1B2721
JA83667-2	1B59219.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83537-1, JA83537-2, JA83537-3, JA83537-4, JA83537-5

CAS No.	Compound	JA83667-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	10
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	10
108-20-3	Di-Isopropyl ether	ND		ND		nc	10
100-41-4	Ethylbenzene	ND		ND		nc	10
637-92-3	Ethyl tert Butyl Ether	ND		ND		nc	10
87-68-3	Hexachlorobutadiene	ND		ND		nc	10
110-54-3	Hexane	ND		ND		nc	10
591-78-6	2-Hexanone	ND		ND		nc	10
98-82-8	Isopropylbenzene	ND		ND		nc	10
99-87-6	p-Isopropyltoluene	ND		ND		nc	10
75-09-2	Methylene chloride	ND		ND		nc	10
1634-04-4	Methyl Tert Butyl Ether	0.52		0.49	J	6	10
108-10-1	4-Methyl-2-pentanone	ND		ND		nc	10
91-20-3	Naphthalene	ND		ND		nc	10
103-65-1	n-Propylbenzene	ND		ND		nc	10
100-42-5	Styrene	ND		ND		nc	10
994-05-8	tert-Amyl Methyl Ether	ND		ND		nc	10
630-20-6	1,1,1,2-Tetrachloroethane	ND		ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	10
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	10
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	10
96-18-4	1,2,3-Trichloropropane	ND		ND		nc	10
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	10
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	10
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	10
127-18-4	Tetrachloroethylene	ND		ND		nc	10
108-88-3	Toluene	ND		ND		nc	10
79-01-6	Trichloroethylene	ND		ND		nc	10
75-69-4	Trichlorofluoromethane	ND		ND		nc	10
75-65-0	Tertiary Butyl Alcohol	ND		ND		nc	10
75-01-4	Vinyl chloride	ND		ND		nc	10
	m,p-Xylene	ND		ND		nc	10
95-47-6	o-Xylene	ND		ND		nc	10
1330-20-7	Xylenes (total)	ND		ND		nc	10

Duplicate Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83667-2DUP	1B59223.D	1	08/16/11	MFH	n/a	n/a	V1B2721
JA83667-2	1B59219.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83537-1, JA83537-2, JA83537-3, JA83537-4, JA83537-5

CAS No.	Surrogate Recoveries	DUP	JA83667-2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	101%	101%	78-114%
460-00-4	4-Bromofluorobenzene	92%	92%	77-115%

Instrument Performance Check (BFB)

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V1B2664-BFB
Lab File ID: 1B57986.D
Instrument ID: GCMS1B
Injection Date: 07/11/11
Injection Time: 10:07

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	2284	19.5		Pass
75	30.0 - 80.0% of mass 95	5783	49.3		Pass
95	Base peak, 100% relative abundance	11724	100.0		Pass
96	5.0 - 9.0% of mass 95	817	6.97		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	8514	72.6		Pass
175	5.0 - 9.0% of mass 174	659	5.62	(7.74) [a]	Pass
176	95.0 - 101.0% of mass 174	8315	70.9	(97.7) [a]	Pass
177	5.0 - 9.0% of mass 176	526	4.49	(6.33) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1B2664-IC2664	1B57987.D	07/11/11	10:39	00:32	Initial cal 0.5
V1B2664-IC2664	1B57988.D	07/11/11	11:11	01:04	Initial cal 1
V1B2664-IC2664	1B57990.D	07/11/11	12:15	02:08	Initial cal 5
V1B2664-ICC2664	1B57991.D	07/11/11	12:47	02:40	Initial cal 10
V1B2664-IC2664	1B57992.D	07/11/11	13:19	03:12	Initial cal 20
V1B2664-IC2664	1B57993.D	07/11/11	13:51	03:44	Initial cal 40
V1B2664-IC2664	1B57995.D	07/11/11	14:51	04:44	Initial cal 2
V1B2664-ICV2664	1B57996.D	07/11/11	15:34	05:27	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V1B2721-BFB
Lab File ID: 1B59209.D
Instrument ID: GCMS1B
Injection Date: 08/16/11
Injection Time: 09:18

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	2091	17.4		Pass
75	30.0 - 80.0% of mass 95	5686	47.2		Pass
95	Base peak, 100% relative abundance	12042	100.0		Pass
96	5.0 - 9.0% of mass 95	899	7.47		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	9903	82.2		Pass
175	5.0 - 9.0% of mass 174	715	5.94	(7.22) [a]	Pass
176	95.0 - 101.0% of mass 174	9540	79.2	(96.3) [a]	Pass
177	5.0 - 9.0% of mass 176	675	5.61	(7.08) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1B2721-CC2664	1B59210.D	08/16/11	09:50	00:32	Continuing cal 5
V1B2721-MB1	1B59211.D	08/16/11	10:30	01:12	Method Blank
V1B2721-BS	1B59212.D	08/16/11	11:07	01:49	Blank Spike
ZZZZZZ	1B59213.D	08/16/11	11:44	02:26	(unrelated sample)
ZZZZZZ	1B59214.D	08/16/11	12:16	02:58	(unrelated sample)
ZZZZZZ	1B59215.D	08/16/11	12:48	03:30	(unrelated sample)
ZZZZZZ	1B59216.D	08/16/11	13:20	04:02	(unrelated sample)
ZZZZZZ	1B59217.D	08/16/11	13:52	04:34	(unrelated sample)
JA83667-1	1B59218.D	08/16/11	14:24	05:06	(used for QC only; not part of job JA83537)
JA83667-2	1B59219.D	08/16/11	14:56	05:38	(used for QC only; not part of job JA83537)
ZZZZZZ	1B59220.D	08/16/11	15:28	06:10	(unrelated sample)
ZZZZZZ	1B59221.D	08/16/11	16:00	06:42	(unrelated sample)
JA83667-1MS	1B59222.D	08/16/11	16:32	07:14	Matrix Spike
JA83667-2DUP	1B59223.D	08/16/11	17:04	07:46	Duplicate
ZZZZZZ	1B59224.D	08/16/11	17:36	08:18	(unrelated sample)
ZZZZZZ	1B59225.D	08/16/11	18:08	08:50	(unrelated sample)
ZZZZZZ	1B59226.D	08/16/11	18:40	09:22	(unrelated sample)
ZZZZZZ	1B59227.D	08/16/11	19:12	09:54	(unrelated sample)
ZZZZZZ	1B59228.D	08/16/11	19:44	10:26	(unrelated sample)
JA83537-1	1B59229.D	08/16/11	20:16	10:58	600 BRYANTS NURSERY
JA83537-2	1B59230.D	08/16/11	20:48	11:30	610 BRYANTS NURSERY

Instrument Performance Check (BFB)

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V1B2721-BFB
Lab File ID: 1B59231.D
Instrument ID: GCMS1B
Injection Date: 08/16/11
Injection Time: 22:19

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	1834	16.7		Pass
75	30.0 - 80.0% of mass 95	5149	47.0		Pass
95	Base peak, 100% relative abundance	10959	100.0		Pass
96	5.0 - 9.0% of mass 95	739	6.74		Pass
173	Less than 2.0% of mass 174	48	0.44	(0.54) [a]	Pass
174	50.0 - 120.0% of mass 95	8864	80.9		Pass
175	5.0 - 9.0% of mass 174	665	6.07	(7.50) [a]	Pass
176	95.0 - 101.0% of mass 174	8533	77.9	(96.3) [a]	Pass
177	5.0 - 9.0% of mass 176	534	4.87	(6.26) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1B2721-CC2664	1B59232.D	08/16/11	22:51	00:32	Continuing cal 10
V1B2721-MB2	1B59234.D	08/16/11	23:55	01:36	Method Blank
JA83537-3	1B59235.D	08/17/11	00:27	02:08	621 BRYANTS NURSERY
JA83537-4	1B59236.D	08/17/11	00:59	02:40	660 BRYANTS NURSERY
JA83537-5	1B59237.D	08/17/11	01:31	03:12	670 BRYANTS NURSERY
ZZZZZZ	1B59238.D	08/17/11	02:03	03:44	(unrelated sample)

Volatile Surrogate Recovery Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: EPA 524.2 REV 4.1 **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2
JA83537-1	1B59229.D	100.0	91.0
JA83537-2	1B59230.D	102.0	95.0
JA83537-3	1B59235.D	102.0	93.0
JA83537-4	1B59236.D	100.0	92.0
JA83537-5	1B59237.D	101.0	93.0
JA83667-1MS	1B59222.D	107.0	96.0
JA83667-2DUP	1B59223.D	101.0	92.0
V1B2721-BS	1B59212.D	107.0	95.0
V1B2721-MB1	1B59211.D	102.0	93.0
V1B2721-MB2	1B59234.D	102.0	91.0

Surrogate Compounds	Recovery Limits
S1 = 1,2-Dichlorobenzene-d4	78-114%
S2 = 4-Bromofluorobenzene	77-115%

New Jersey

ACCUTEST LABORATORIES

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2025-MB2	LM50532.D	1	08/19/11	RP	n/a	n/a	GLM2025

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83537-4, JA83537-5

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	94%	68-114%

Method Blank Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3621-MB3	UV91500.D	1	08/19/11	RP	n/a	n/a	GUV3621

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83537-1, JA83537-2, JA83537-3

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	82%	68-114%

Method Blank Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2025-MB1	LM50521.D	1	08/19/11	RP	n/a	n/a	GLM2025

The QC reported here applies to the following samples: **Method:** SW846 8015C

GLM2025-BS, JA83394-1MS, JA83394-1MSD

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	92%	68-114%

Method Blank Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3621-MB1	UV91480.D	1	08/19/11	RP	n/a	n/a	GUV3621

The QC reported here applies to the following samples: **Method:** SW846 8015C

GUV3621-BS, JA83213-14MS, JA83213-14MSD

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	80%	68-114%

Blank Spike Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3621-BS	UV91485.D	1	08/19/11	RP	n/a	n/a	GUV3621

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83537-1, JA83537-2, JA83537-3

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	7.54	94	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	104%	68-114%

Blank Spike Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2025-BS	LM50528.D	1	08/19/11	RP	n/a	n/a	GLM2025

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83537-4, JA83537-5

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	7.53	94	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	98%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83213-14MS	UV91486.D	1	08/19/11	RP	n/a	n/a	GUV3621
JA83213-14MSD	UV91487.D	1	08/19/11	RP	n/a	n/a	GUV3621
JA83213-14	UV91481.D	1	08/19/11	RP	n/a	n/a	GUV3621

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83537-1, JA83537-2, JA83537-3

CAS No.	Compound	JA83213-14 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		8	7.92	99	7.64	96	4	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA83213-14	Limits
98-08-8	aaa-Trifluorotoluene	100%	100%	80%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83394-1MS	LM50529.D	1	08/19/11	RP	n/a	n/a	GLM2025
JA83394-1MSD	LM50530.D	1	08/19/11	RP	n/a	n/a	GLM2025
JA83394-1	LM50522.D	1	08/19/11	RP	n/a	n/a	GLM2025

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83537-4, JA83537-5

CAS No.	Compound	JA83394-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		8	6.99	87	7.08	89	1	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA83394-1	Limits
98-08-8	aaa-Trifluorotoluene	98%	99%	92%	68-114%

Volatile Surrogate Recovery Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
JA83537-1	UV91501.D	83.0
JA83537-2	UV91502.D	83.0
JA83537-3	UV91503.D	81.0
JA83537-4	LM50533.D	94.0
JA83537-5	LM50534.D	94.0
GLM2025-BS	LM50528.D	98.0
GLM2025-MB2	LM50532.D	94.0
GUV3621-BS	UV91485.D	104.0
GUV3621-MB3	UV91500.D	82.0
JA83213-14MS	UV91486.D	100.0
JA83213-14MSD	UV91487.D	100.0
JA83394-1MS	LM50529.D	98.0
JA83394-1MSD	LM50530.D	99.0
GLM2025-MB1	LM50521.D	92.0
GUV3621-MB1	UV91480.D	80.0

Surrogate Compounds	Recovery Limits
S1 = aaa-Trifluorotoluene	68-114%

(a) Recovery from GC signal #1

New Jersey
ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51315-MB1	3Z33891.D	1	08/25/11	VDT	08/16/11	OP51315	G3Z1041

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83537-1, JA83537-2, JA83537-3, JA83537-4, JA83537-5

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	96%	34-131%
16416-32-3	Tetracosane-d50	67%	15-119%
438-22-2	5a-Androstane	73%	11-119%

Blank Spike Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51315-BS1	3Z33892.D	1	08/25/11	VDT	08/16/11	OP51315	G3Z1041

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83537-1, JA83537-2, JA83537-3, JA83537-4, JA83537-5

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-DRO (C10-C28)	1	0.681	68	36-118

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	80%	34-131%
16416-32-3	Tetracosane-d50	69%	15-119%
438-22-2	5a-Androstane	68%	11-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51315-MS	3Z34133.D	1	09/01/11	VDT	08/16/11	OP51315	G3Z1046
OP51315-MSD	3Z34134.D	1	09/01/11	VDT	08/16/11	OP51315	G3Z1046
JA83370-1	3Z33893.D	1	08/25/11	VDT	08/16/11	OP51315	G3Z1041

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83537-1, JA83537-2, JA83537-3, JA83537-4, JA83537-5

CAS No.	Compound	JA83370-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	ND		2.13	2.01	94	2.09	98	4	10-132/38

CAS No.	Surrogate Recoveries	MS	MSD	JA83370-1	Limits
84-15-1	o-Terphenyl	84%	87%	90%	34-131%
16416-32-3	Tetracosane-d50	87%	90%	81%	15-119%
438-22-2	5a-Androstane	92%	90%	83%	11-119%

Semivolatile Surrogate Recovery Summary

Job Number: JA83537
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S2 [a]	S3 [a]
JA83537-1	3Z33968.D	104.0	96.0	98.0
JA83537-2	3Z33969.D	103.0	96.0	99.0
JA83537-3	3Z33970.D	95.0	91.0	94.0
JA83537-4	3Z33971.D	101.0	96.0	98.0
JA83537-5	3Z33972.D	95.0	89.0	90.0
OP51315-BS1	3Z33892.D	80.0	69.0	68.0
OP51315-MB1	3Z33891.D	96.0	67.0	73.0
OP51315-MS	3Z34133.D	84.0	87.0	92.0
OP51315-MSD	3Z34134.D	87.0	90.0	90.0

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	34-131%
S2 = Tetracosane-d50	15-119%
S3 = 5a-Androstane	11-119%

(a) Recovery from GC signal #1

New Jersey
ACCUTEST LABORATORIES

09/03/11

Technical Report for

Shell Oil Products US

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

INC#97436977

Accutest Job Number: JA83666

Sampling Date: 08/12/11

Report to:

URS Corporation
200 Orchard Ridge Drive Suite 101
Gaithersburg, MD 20878
jenna_anthony@urscorp.com; adriane_rogers@urscorp.com

ATTN: Jenna Anthony

Total number of pages in report: **138**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
VP, Laboratory Director

Client Service contact: Marty Vitanza 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

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Accutest Laboratories

Sample Summary

Shell Oil Products US

Job No: JA83666

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD
Project No: INC#97436977

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA83666-1	08/12/11	10:10	RB	08/13/11	AQ	Ground Water	137675-MW-06D
JA83666-2	08/12/11	14:45	RB	08/13/11	AQ	Ground Water	137675-MW-06R
JA83666-3	08/12/11	12:10	RB	08/13/11	AQ	Ground Water	137675-MW-09D
JA83666-4	08/12/11	12:00	RB	08/13/11	AQ	Ground Water	137675-MW-09S
JA83666-5	08/12/11	09:10	RB	08/13/11	AQ	Ground Water	137675-MW-11D
JA83666-6	08/12/11	09:00	RB	08/13/11	AQ	Ground Water	137675-MW-11R
JA83666-7	08/12/11	08:50	RB	08/13/11	AQ	Ground Water	137675-MW-11S
JA83666-8	08/12/11	15:10	RB	08/13/11	AQ	Ground Water	137675-MW-12
JA83666-9	08/12/11	09:00	RB	08/13/11	AQ	Ground Water	137675-MW-17D
JA83666-10	08/12/11	10:10	RB	08/13/11	AQ	Ground Water	137675-MW-17W
JA83666-11	08/12/11	15:00	RB	08/13/11	AQ	Ground Water	137675-MW-18
JA83666-12	08/12/11	13:00	RB	08/13/11	AQ	Ground Water	137675-MW-24D
JA83666-13	08/12/11	11:40	RB	08/13/11	AQ	Ground Water	137675-MW-25D

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Shell Oil Products US	**Job No**	JA83666
Site:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Sprin	**Report Date**	9/3/2011 8:21:58 AM

On 08/13/2011, 13 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 3.2 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA83666 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** V2A4814

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83666-8MS, JA83666-8MSD were used as the QC samples indicated.

Matrix: AQ **Batch ID:** V2A4818

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83899-1MS, JA83899-2DUP were used as the QC samples indicated.
- Matrix Spike Recovery(s) for Benzene are outside control limits. Outside control limits due to high level in sample relative to spike amount.

Matrix: AQ **Batch ID:** V2A4823

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83495-35MS, JA83495-35MSD were used as the QC samples indicated.
- RPD(s) for MS/MSD for Acetone are outside control limits for sample JA83495-35MSD. Outside control limits due to matrix interference.

Matrix: AQ **Batch ID:** V3A4134

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA84377-2MS, JA84377-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Volatiles by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** GUV3624

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA83666-2MS, JA83666-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GC By Method SW846 8015C

Matrix: AQ	**Batch ID:** OP51344

- All samples were extracted within the recommended method holding time.
- Sample(s) JA83666-1MS, JA83666-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

New Jersey

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Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	137675-MW-06D		
Lab Sample ID:	JA83666-1	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3A96376.D	5	08/24/11	HSS	n/a	n/a	V3A4134
Run #2	2A112943.D	25	08/20/11	HSS	n/a	n/a	V2A4814

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	38	ug/l	
71-43-2	Benzene	3.1	5.0	1.1	ug/l	J
108-86-1	Bromobenzene	ND	25	0.91	ug/l	
74-97-5	Bromochloromethane	ND	25	2.0	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	1.1	ug/l	
75-25-2	Bromoform	ND	20	1.2	ug/l	
74-83-9	Bromomethane	ND	10	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	15	ug/l	
104-51-8	n-Butylbenzene	ND	25	1.7	ug/l	
135-98-8	sec-Butylbenzene	ND	25	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	25	1.2	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.97	ug/l	
108-90-7	Chlorobenzene	ND	5.0	1.1	ug/l	
75-00-3	Chloroethane	ND	5.0	1.8	ug/l	
67-66-3	Chloroform	ND	5.0	1.0	ug/l	
74-87-3	Chloromethane	ND	5.0	1.1	ug/l	
95-49-8	o-Chlorotoluene	ND	25	0.95	ug/l	
106-43-4	p-Chlorotoluene	ND	25	0.96	ug/l	
108-20-3	Di-Isopropyl ether	16.7	25	1.3	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	6.3	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	10	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.92	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.4	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.3	ug/l	
75-71-8	Dichlorodifluoromethane	ND	25	1.6	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	0.96	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.90	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	1.4	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	1.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	1.6	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.1	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-06D		
Lab Sample ID:	JA83666-1	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	25	0.97	ug/l	
594-20-7	2,2-Dichloropropane	ND	25	1.3	ug/l	
563-58-6	1,1-Dichloropropene	ND	25	1.8	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.1	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.93	ug/l	
100-41-4	Ethylbenzene	ND	5.0	1.1	ug/l	
87-68-3	Hexachlorobutadiene	ND	25	1.2	ug/l	
98-82-8	Isopropylbenzene	ND	10	0.97	ug/l	
99-87-6	p-Isopropyltoluene	ND	25	0.94	ug/l	
1634-04-4	Methyl Tert Butyl Ether	3120 [a]	25	4.6	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	25	6.1	ug/l	
74-95-3	Methylene bromide	ND	25	2.3	ug/l	
75-09-2	Methylene chloride	ND	10	1.0	ug/l	
91-20-3	Naphthalene	ND	25	3.4	ug/l	
103-65-1	n-Propylbenzene	ND	25	0.87	ug/l	
100-42-5	Styrene	ND	25	1.1	ug/l	
75-65-0	Tert Butyl Alcohol	779	130	9.3	ug/l	
994-05-8	tert-Amyl Methyl Ether	47.0	25	1.6	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	25	1.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	1.2	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.6	ug/l	
108-88-3	Toluene	ND	5.0	0.73	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	25	3.4	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	25	0.75	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.2	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.2	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.1	ug/l	
75-69-4	Trichlorofluoromethane	ND	25	1.8	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	25	2.7	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	25	0.90	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	25	1.1	ug/l	
75-01-4	Vinyl chloride	ND	5.0	1.3	ug/l	
	m,p-Xylene	ND	5.0	1.6	ug/l	
95-47-6	o-Xylene	ND	5.0	0.87	ug/l	
1330-20-7	Xylene (total)	ND	5.0	0.87	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%	113%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-06D		
Lab Sample ID:	JA83666-1	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	109%	116%	70-127%
2037-26-5	Toluene-D8	102%	110%	79-120%
460-00-4	4-Bromofluorobenzene	99%	98%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-06D		
Lab Sample ID:	JA83666-1	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91603.D	1	08/25/11	RP	n/a	n/a	GUV3624
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	3.34	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	80%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-06D		
Lab Sample ID:	JA83666-1	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33992.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		34-131%
16416-32-3	Tetracosane-d50	78%		15-119%
438-22-2	5a-Androstane	79%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-06R		
Lab Sample ID:	JA83666-2	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A112944.D	1	08/20/11	HSS	n/a	n/a	V2A4814
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	0.61	5.0	0.25	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-06R		
Lab Sample ID:	JA83666-2	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	57.6	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	0.26	1.0	0.15	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-06R		
Lab Sample ID:	JA83666-2	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	116%		70-127%
2037-26-5	Toluene-D8	110%		79-120%
460-00-4	4-Bromofluorobenzene	100%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-06R		
Lab Sample ID:	JA83666-2	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91577.D	1	08/24/11	RP	n/a	n/a	GUV3624
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	76%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-06R		
Lab Sample ID:	JA83666-2	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33993.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	65%		34-131%
16416-32-3	Tetracosane-d50	69%		15-119%
438-22-2	5a-Androstane	69%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-09D		
Lab Sample ID:	JA83666-3	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A112945.D	1	08/20/11	HSS	n/a	n/a	V2A4814
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-09D		
Lab Sample ID:	JA83666-3	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-09D		
Lab Sample ID:	JA83666-3	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	116%		70-127%
2037-26-5	Toluene-D8	110%		79-120%
460-00-4	4-Bromofluorobenzene	100%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-09D		
Lab Sample ID:	JA83666-3	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91587.D	1	08/24/11	RP	n/a	n/a	GUV3624
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	80%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-09D		
Lab Sample ID:	JA83666-3	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33994.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.187	0.10	0.0036	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	78%		34-131%
16416-32-3	Tetracosane-d50	72%		15-119%
438-22-2	5a-Androstane	76%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-09S		
Lab Sample ID:	JA83666-4	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A112946.D	1	08/20/11	HSS	n/a	n/a	V2A4814
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-09S		
Lab Sample ID:	JA83666-4	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-09S		
Lab Sample ID:	JA83666-4	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	117%		70-127%
2037-26-5	Toluene-D8	111%		79-120%
460-00-4	4-Bromofluorobenzene	99%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-09S		
Lab Sample ID:	JA83666-4	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91588.D	1	08/24/11	RP	n/a	n/a	GUV3624
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	80%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-09S		
Lab Sample ID:	JA83666-4	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33995.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0037	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	87%		34-131%
16416-32-3	Tetracosane-d50	80%		15-119%
438-22-2	5a-Androstane	83%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-11D		
Lab Sample ID:	JA83666-5	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A112947.D	1	08/20/11	HSS	n/a	n/a	V2A4814
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-11D		
Lab Sample ID:	JA83666-5	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	17.3	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	0.76	1.0	0.32	ug/l	J
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-11D		
Lab Sample ID:	JA83666-5	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	118%		70-127%
2037-26-5	Toluene-D8	111%		79-120%
460-00-4	4-Bromofluorobenzene	100%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-11D		
Lab Sample ID:	JA83666-5	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91589.D	1	08/24/11	RP	n/a	n/a	GUV3624
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	78%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-11D		
Lab Sample ID:	JA83666-5	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33996.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		34-131%
16416-32-3	Tetracosane-d50	83%		15-119%
438-22-2	5a-Androstane	81%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-11R		
Lab Sample ID:	JA83666-6	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A112938.D	1	08/20/11	HSS	n/a	n/a	V2A4814
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-11R		
Lab Sample ID:	JA83666-6	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.48	1.0	0.18	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-11R		
Lab Sample ID:	JA83666-6	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	115%		70-127%
2037-26-5	Toluene-D8	109%		79-120%
460-00-4	4-Bromofluorobenzene	100%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-11R		
Lab Sample ID:	JA83666-6	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91590.D	1	08/24/11	RP	n/a	n/a	GUV3624
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	78%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-11R		
Lab Sample ID:	JA83666-6	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33999.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	50%		34-131%
16416-32-3	Tetracosane-d50	47%		15-119%
438-22-2	5a-Androstane	50%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-11S		
Lab Sample ID:	JA83666-7	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A112948.D	1	08/20/11	HSS	n/a	n/a	V2A4814
Run #2	3A96365.D	10	08/24/11	HSS	n/a	n/a	V3A4134

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	0.95	1.0	0.22	ug/l	J
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	23.1	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-11S		
Lab Sample ID:	JA83666-7	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1050 [a]	10	1.8	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	2380 [a]	250	19	ug/l	
994-05-8	tert-Amyl Methyl Ether	26.3	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	0.34	1.0	0.32	ug/l	J
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%	104%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-11S		
Lab Sample ID:	JA83666-7	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	119%	109%	70-127%
2037-26-5	Toluene-D8	112%	102%	79-120%
460-00-4	4-Bromofluorobenzene	99%	96%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-11S		
Lab Sample ID:	JA83666-7	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91601.D	1	08/24/11	RP	n/a	n/a	GUV3624
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.28	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	80%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-11S		
Lab Sample ID:	JA83666-7	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z34000.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		34-131%
16416-32-3	Tetracosane-d50	83%		15-119%
438-22-2	5a-Androstane	84%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-12		
Lab Sample ID:	JA83666-8	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3A96372.D	1	08/24/11	HSS	n/a	n/a	V3A4134
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	1.4	5.0	0.25	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-12		
Lab Sample ID:	JA83666-8	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	38.6	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	0.58	1.0	0.32	ug/l	J
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-12		
Lab Sample ID:	JA83666-8	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%		70-127%
2037-26-5	Toluene-D8	101%		79-120%
460-00-4	4-Bromofluorobenzene	96%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-12		
Lab Sample ID:	JA83666-8	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91602.D	1	08/24/11	RP	n/a	n/a	GUV3624
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	78%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-12		
Lab Sample ID:	JA83666-8	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z34001.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	80%		34-131%
16416-32-3	Tetracosane-d50	75%		15-119%
438-22-2	5a-Androstane	76%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-17D		
Lab Sample ID:	JA83666-9	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3A96373.D	1	08/24/11	HSS	n/a	n/a	V3A4134
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	0.64	1.0	0.22	ug/l	J
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	2.4	5.0	0.25	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-17D		
Lab Sample ID:	JA83666-9	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	161	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	28.3	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	2.8	5.0	0.33	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	0.69	1.0	0.32	ug/l	J
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	0.63	1.0	0.21	ug/l	J
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-17D		
Lab Sample ID:	JA83666-9	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		70-127%
2037-26-5	Toluene-D8	102%		79-120%
460-00-4	4-Bromofluorobenzene	97%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-17D		
Lab Sample ID:	JA83666-9	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91599.D	1	08/24/11	RP	n/a	n/a	GUV3624
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.216	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	79%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-17D		
Lab Sample ID:	JA83666-9	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z34002.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	90%		34-131%
16416-32-3	Tetracosane-d50	88%		15-119%
438-22-2	5a-Androstane	85%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-17W		
Lab Sample ID:	JA83666-10	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A113041.D	1	08/23/11	HSS	n/a	n/a	V2A4818
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	0.81	5.0	0.25	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-17W		
Lab Sample ID:	JA83666-10	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	61.2	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-17W		
Lab Sample ID:	JA83666-10	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	117%		70-127%
2037-26-5	Toluene-D8	111%		79-120%
460-00-4	4-Bromofluorobenzene	101%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-17W		
Lab Sample ID:	JA83666-10	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91598.D	1	08/24/11	RP	n/a	n/a	GUV3624
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	81%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-17W		
Lab Sample ID:	JA83666-10	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z34003.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	74%		34-131%
16416-32-3	Tetracosane-d50	69%		15-119%
438-22-2	5a-Androstane	63%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-18		
Lab Sample ID:	JA83666-11	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A113165.D	2	08/25/11	HSS	n/a	n/a	V2A4823
Run #2	2A113148.D	20	08/25/11	HSS	n/a	n/a	V2A4823

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	15	ug/l	
71-43-2	Benzene	ND	2.0	0.44	ug/l	
108-86-1	Bromobenzene	ND	10	0.36	ug/l	
74-97-5	Bromochloromethane	ND	10	0.79	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	0.46	ug/l	
75-25-2	Bromoform	ND	8.0	0.49	ug/l	
74-83-9	Bromomethane	ND	4.0	0.63	ug/l	
78-93-3	2-Butanone (MEK)	ND	20	5.8	ug/l	
104-51-8	n-Butylbenzene	ND	10	0.66	ug/l	
135-98-8	sec-Butylbenzene	ND	10	0.40	ug/l	
98-06-6	tert-Butylbenzene	ND	10	0.47	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	0.39	ug/l	
108-90-7	Chlorobenzene	ND	2.0	0.45	ug/l	
75-00-3	Chloroethane	ND	2.0	0.73	ug/l	
67-66-3	Chloroform	ND	2.0	0.41	ug/l	
74-87-3	Chloromethane	ND	2.0	0.44	ug/l	
95-49-8	o-Chlorotoluene	ND	10	0.38	ug/l	
106-43-4	p-Chlorotoluene	ND	10	0.38	ug/l	
108-20-3	Di-Isopropyl ether	6.1	10	0.50	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	20	2.5	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	0.41	ug/l	
106-93-4	1,2-Dibromoethane	ND	4.0	0.42	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.37	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.57	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	10	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	0.38	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	0.36	ug/l	
75-35-4	1,1-Dichloroethene	ND	2.0	0.56	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	0.43	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.63	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.43	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-18		
Lab Sample ID:	JA83666-11	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	10	0.39	ug/l	
594-20-7	2,2-Dichloropropane	ND	10	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	10	0.72	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.43	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.37	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.42	ug/l	
87-68-3	Hexachlorobutadiene	ND	10	0.47	ug/l	
98-82-8	Isopropylbenzene	ND	4.0	0.39	ug/l	
99-87-6	p-Isopropyltoluene	ND	10	0.37	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1500 [a]	20	3.7	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	10	2.4	ug/l	
74-95-3	Methylene bromide	ND	10	0.91	ug/l	
75-09-2	Methylene chloride	ND	4.0	0.40	ug/l	
91-20-3	Naphthalene	ND	10	1.4	ug/l	
103-65-1	n-Propylbenzene	ND	10	0.35	ug/l	
100-42-5	Styrene	ND	10	0.46	ug/l	
75-65-0	Tert Butyl Alcohol	59.1	50	3.7	ug/l	
994-05-8	tert-Amyl Methyl Ether	19.9	10	0.65	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	10	0.41	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	10	0.48	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.40	ug/l	
127-18-4	Tetrachloroethene	0.92	2.0	0.64	ug/l	J
108-88-3	Toluene	ND	2.0	0.29	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	10	1.4	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	10	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.47	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.46	ug/l	
79-01-6	Trichloroethene	ND	2.0	0.42	ug/l	
75-69-4	Trichlorofluoromethane	ND	10	0.70	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	10	1.1	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	10	0.36	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	10	0.45	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.53	ug/l	
	m,p-Xylene	ND	2.0	0.64	ug/l	
95-47-6	o-Xylene	ND	2.0	0.35	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.35	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%	113%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-18		
Lab Sample ID:	JA83666-11	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	115%	118%	70-127%
2037-26-5	Toluene-D8	113%	112%	79-120%
460-00-4	4-Bromofluorobenzene	98%	100%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-18		
Lab Sample ID:	JA83666-11	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91600.D	1	08/24/11	RP	n/a	n/a	GUV3624
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.59	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	80%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-18		
Lab Sample ID:	JA83666-11	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z34004.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	70%		34-131%
16416-32-3	Tetracosane-d50	64%		15-119%
438-22-2	5a-Androstane	71%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-24D		
Lab Sample ID:	JA83666-12	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3A96374.D	1	08/24/11	HSS	n/a	n/a	V3A4134
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-24D		
Lab Sample ID:	JA83666-12	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	13.8	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	0.79	5.0	0.33	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	0.78	1.0	0.32	ug/l	J
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-24D		
Lab Sample ID:	JA83666-12	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	106%		70-127%
2037-26-5	Toluene-D8	102%		79-120%
460-00-4	4-Bromofluorobenzene	97%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-24D		
Lab Sample ID:	JA83666-12	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91591.D	1	08/24/11	RP	n/a	n/a	GUV3624
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	80%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	137675-MW-24D		
Lab Sample ID:	JA83666-12	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z34005.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	81%		34-131%
16416-32-3	Tetracosane-d50	74%		15-119%
438-22-2	5a-Androstane	75%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-25D		
Lab Sample ID:	JA83666-13	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3A96375.D	1	08/24/11	HSS	n/a	n/a	V3A4134
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	0.66	1.0	0.21	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	1.5	5.0	0.25	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-25D		
Lab Sample ID:	JA83666-13	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	81.1	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	1.6	5.0	0.33	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	0.60	1.0	0.32	ug/l	J
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-25D		
Lab Sample ID:	JA83666-13	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	108%		70-127%
2037-26-5	Toluene-D8	104%		79-120%
460-00-4	4-Bromofluorobenzene	95%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-25D		
Lab Sample ID:	JA83666-13	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91592.D	1	08/24/11	RP	n/a	n/a	GUV3624
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	79%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-25D		
Lab Sample ID:	JA83666-13	**Date Sampled:**	08/12/11
Matrix:	AQ - Ground Water	**Date Received:**	08/13/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z34006.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	91%		34-131%
16416-32-3	Tetracosane-d50	88%		15-119%
438-22-2	5a-Androstane	87%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New Jersey

ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Shell Oil Products Chain Of Custody Record

JA83666

URS

LAB (LOCATION)
- ☐ XENCO ( )
- ☐ Test America ( )
- ☑ OTHER ( ) ☑ Lab Vendor # ( )
- ☐ SPL ( )

Lab Vendor #

Please Check Appropriate Box:
- ☑ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP # 137675

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 8-12-11

PAGE: 1 of 4

COMPANY NAME: URS CORPORATION

LOG CODE:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

TELEPHONE: 301-258-9780

FAX: 301-669-8728

Bill To Contact E-MAIL: adriane_rogers@urscorp.com

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring

State: MD

GLOBAL ID NO.:

EDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers

PHONE NO: 301-258-9780

E-MAIL: adriane_rogers@urscorp.com

CONSULTANT PROJECT NO.: 137675

SAMPLER NAME(S) (Print): Robert Burns

LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1 2.4°C Cooler #2 3.2°C Cooler #3 2.0°C

SPECIAL INSTRUCTIONS OR NOTES:
- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED
- ☐ PROVIDE LEDD DATA

REQUESTED ANALYSIS

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	Full List VOCs & Oxy 5 (8260B)	Container PID Readings or Laboratory Notes
1	137675 - 750 BND			GW	x					7	X	X	X	0E5
2	137675 - 750 BNR			GW	x					7	X	X	X	0E8
3	137675 - 750 BNS			GW	x					7	X	X	X	2293
4	137675 - 730BND			GW	x					7	X	X	X	2291
5	137675 - 730BNS			GW	x					7	X	X	X	
6	137675 - MW-02			GW	x					7	X	X	X	
7	137675 - MW-04			GW	x					7	X	X	X	
8	137675 - MW-05D			GW	x					7	X	X	X	
9	137675 - MW-05R			GW	x					7	X	X	X	
10	137675 - MW-05S			GW	x					7	X	X	X	
11	137675 - MW-06D	-1	8/11/11	GW	x					7	X	X	X	
12	137675 - MW-06R	-2	8/11/11	GW	x					7	X	X	X	

ALL SAMPLES RECEIVED PRESERVED AS APPLICABLE

TM 8/13/11

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Fed	Fed		
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		8/13/11	1030
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2/06 Revision

TNK#s 795758275935
795758275924
844384555424

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JA83666: Chain of Custody
Page 1 of 6

JA83666

Shell Oil Products Chain Of Custody Record

URS

LAB (LOCATION)
- ☐ XENCO ( )
- ☐ Test America ( )
- ☑ OTHER ( ) ☑ Lab Vendor # ( )
- ☐ SPL ( )

Lab Vendor #

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP # 137675

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 8-12-11

PAGE: 2 of 4

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

TELEPHONE: 301-258-9780 FAX: 301-869-8728

Bill To Contact E-MAIL: adriane_rogers@urscorp.com

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring State: MD

GLOBAL ID NO.

PDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers

PHONE NO.: 301-258-9780

E-MAIL: adriane_rogers@urscorp.com

CONSULTANT PROJECT NO.: 137675

SAMPLER NAME(S) (Print): Robert Burns

LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C° Cooler #1 Cooler #2 Cooler #3

SPECIAL INSTRUCTIONS OR NOTES :
- ☑ SMBLL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED
- ☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS

FIELD NOTES:
TEMPERATURE ON RECEIPT C°
Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	Full List VOCs & Oxy 5 (8260B)
13	137675 - MW-06S			GW	x					7	x	x	x
14	137675 - MW-07D			GW	x					7	x	x	x
15	137675 - MW-07S			GW	x					7	x	x	x
16	137675 - MW-08D			GW	x					7	x	x	x
17	137675 - MW-08S			GW	x					7	x	x	x
18	137675 - MW-09D -3	8-12-11	1210	GW	x					7	x	x	x
19	137675 - MW-09S -4	8-12-11	1200	GW	x					7	x	x	x
20	137675 - MW-11D -5	8-12-11	0910	GW	x					7	x	x	x
21	137675 - MW-11R -6	8-12-11	0900	GW	x					7	x	x	x
22	137675 - MW-11S -7	8-12-11	0850	GW	x					7	x	x	x

ALL SAMPLES RECEIVED ACCEPTED AS APPLICABLE
TM 8/13/11

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
		8/13/11	1032
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

05/2/08 Revision

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JA83666: Chain of Custody
Page 2 of 6

JA83666

Shell Oil Products Chain Of Custody Record

URS

LAB (LOCATION)
- ☐ XENCO ( )
- ☐ Test America ( )
- ☑ OTHER ( )
  - ☑ Lab Vendor # ( )
- ☐ SPL ( )

Lab Vendor #

Please Check Appropriate Box:
- ☑ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP # 137675

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 8-12-11

PAGE: 3 of 4

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

TELEPHONE: 301-258-9780 FAX: 301-869-8728 Bill To Contact E-MAIL: adriane_rogers@urscorp.com

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA RWQCB REPORT FORMAT ☐ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C° Cooler #1 Cooler #2 Cooler #3

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring State: MD GLOBAL ID NO.:

EDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers PHONE NO: 301-258-9780 E-MAIL: adriane_rogers@urscorp.com CONSULTANT PROJECT NO.: 137675

SAMPLER NAME(S) (Print): Robert Burns

LAB USE ONLY

SPECIAL INSTRUCTIONS OR NOTES:
- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ FID NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED
- ☐ PROVIDE EDD DISK

REQUESTED ANALYSIS

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	Full List VOCs & Oxy 5 (8260B)
23	137675 - MW-12 -8	8-12-11	1510	GW	x					7	X	X	X
24	137675 - MW-13D			GW	x					7	X	X	X
25	137675 - MW-13S			GW	x					7	X	X	X
26	137675 - MW-14D			GW	x					7	X	X	X
27	137675 - MW-14S			GW	x					7	X	X	X
28	137675 - MW-15D			GW	x					7	X	X	X
29	137675 - MW-15S			GW	x					7	X	X	X
30	137675 - MW-16D			GW	x					7	X	X	X
31	137675 - MW-16S			GW	x					7	X	X	X
32	137675 - MW-17D -9	8-12-11	0900	GW	x					7	X	X	X

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date: 8/13/11	Time: 1030
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2/08 Revision

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JA83666

Shell Oil Products Chain Of Custody Record

URS

LAB (LOCATION)
- ☐ XENCO ( )
- ☐ Test America ( )
- ☑ OTHER ( ) ☑ Lab Vendor # ( )
- ☐ SPL ( )

Lab Vendor #

Please Check Appropriate Box:
- ☑ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP # 137675

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 8-12-11

PAGE: 4 of 4

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

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☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C° Cooler #1 Cooler #2 Cooler #3

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring

State: MD

GLOBAL ID NO.:

EDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers

PHONE NO.: 301-258-9780

E-MAIL: adriane_rogers@urscorp.com

CONSULTANT PROJECT NO.: 137675

SAMPLER NAME(S) (Print): Robert Burns

LAB USE ONLY

SPECIAL INSTRUCTIONS OR NOTES:
- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED
- ☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS

FIELD NOTES: TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	Full List VOCs & Oxy 5 (8260B)
	137675 - MW-17S			GW	x					7	x	x	x
	137675 - MW-17W -10	8-12-11	1010	GW	x					7	x	x	x
	137675 - MW-18 -11	8-12-11	1500	GW	x					7	x	x	x
	137675 - MW-24S			GW	x					7	x	x	x
	137675 - MW-24D -12	8-12-11	1300	GW	x					7	x	x	x
	137675 - MW-25S			GW	x					7	x	x	x
	137675 - MW-25D -13	8-12-11	1140	GW	x					7	x	x	x
	137675 - MW-26S			GW	x					7	x	x	x
	137675 - MW-26D			GW	x					7	x	x	x
	137675 - RW-01			GW	x					7	x	x	x

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	Fed Ex		
Fed Ex		8/13/11	1030
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2/06 Revision

LA

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Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA83666 **Client:** URS **Immediate Client Services Action Required:** No

Date / Time Received: 8/15/2011 **Delivery Method:** FedEx **Client Service Action Required at Login:** Yes

Project: SHELL SILVER SORING MD **No. Coolers:** **Airbill #'s:** 7957-5827-5935,5954,5425

Cooler Security	Y	or N		Y	or N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	or N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:		
3. Cooler media:		

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☑	☐	☐
2. Trip Blank listed on COC:	☑	☐	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	or N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	or N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Broken / Leaking	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

-4 1 OF 2 DRO VOLUMES REC'D BROKEN.

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

Sample Receipt Summary - Problem Resolution

Accutest Job Number: JA83666

CSR: Michelle **Response Date** 8/15/2011

Response: Jenna Anthony notified, please proceed as noted

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA83666: Chain of Custody
Page 6 of 6

New Jersey
ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4814-MB	2A112932.D	1	08/19/11	HSS	n/a	n/a	V2A4814

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-1, JA83666-2, JA83666-3, JA83666-4, JA83666-5, JA83666-6, JA83666-7

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	

Method Blank Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4814-MB	2A112932.D	1	08/19/11	HSS	n/a	n/a	V2A4814

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-1, JA83666-2, JA83666-3, JA83666-4, JA83666-5, JA83666-6, JA83666-7

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

Method Blank Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4814-MB	2A112932.D	1	08/19/11	HSS	n/a	n/a	V2A4814

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-1, JA83666-2, JA83666-3, JA83666-4, JA83666-5, JA83666-6, JA83666-7

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	113%	77-120%
17060-07-0	1,2-Dichloroethane-D4	116%	70-127%
2037-26-5	Toluene-D8	110%	79-120%
460-00-4	4-Bromofluorobenzene	99%	76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4818-MB	2A113026.D	1	08/22/11	HSS	n/a	n/a	V2A4818

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-10

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	

Method Blank Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4818-MB	2A113026.D	1	08/22/11	HSS	n/a	n/a	V2A4818

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-10

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

Method Blank Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4818-MB	2A113026.D	1	08/22/11	HSS	n/a	n/a	V2A4818

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-10

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	112%	77-120%
17060-07-0	1,2-Dichloroethane-D4	116%	70-127%
2037-26-5	Toluene-D8	112%	79-120%
460-00-4	4-Bromofluorobenzene	102%	76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3A4134-MB	3A96357.D	1	08/24/11	HSS	n/a	n/a	V3A4134

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-1, JA83666-7, JA83666-8, JA83666-9, JA83666-12, JA83666-13

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	

Method Blank Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3A4134-MB	3A96357.D	1	08/24/11	HSS	n/a	n/a	V3A4134

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-1, JA83666-7, JA83666-8, JA83666-9, JA83666-12, JA83666-13

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

Method Blank Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3A4134-MB	3A96357.D	1	08/24/11	HSS	n/a	n/a	V3A4134

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-1, JA83666-7, JA83666-8, JA83666-9, JA83666-12, JA83666-13

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	77-120%
17060-07-0	1,2-Dichloroethane-D4	106%	70-127%
2037-26-5	Toluene-D8	101%	79-120%
460-00-4	4-Bromofluorobenzene	97%	76-118%

Method Blank Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4823-MB	2A113146.D	1	08/25/11	HSS	n/a	n/a	V2A4823

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-11

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	

Method Blank Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4823-MB	2A113146.D	1	08/25/11	HSS	n/a	n/a	V2A4823

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-11

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

Method Blank Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4823-MB	2A113146.D	1	08/25/11	HSS	n/a	n/a	V2A4823

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-11

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	113%	77-120%
17060-07-0	1,2-Dichloroethane-D4	116%	70-127%
2037-26-5	Toluene-D8	111%	79-120%
460-00-4	4-Bromofluorobenzene	99%	76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4814-BS	2A112933.D	1	08/19/11	HSS	n/a	n/a	V2A4814

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-1, JA83666-2, JA83666-3, JA83666-4, JA83666-5, JA83666-6, JA83666-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	52.1	104	49-142
71-43-2	Benzene	50	50.5	101	76-119
108-86-1	Bromobenzene	50	53.5	107	77-123
74-97-5	Bromochloromethane	50	52.0	104	77-129
75-27-4	Bromodichloromethane	50	58.4	117	81-133
75-25-2	Bromoform	50	60.9	122	72-139
74-83-9	Bromomethane	50	46.2	92	55-140
78-93-3	2-Butanone (MEK)	50	48.5	97	64-132
104-51-8	n-Butylbenzene	50	52.0	104	74-130
135-98-8	sec-Butylbenzene	50	52.9	106	75-125
98-06-6	tert-Butylbenzene	50	54.1	108	76-127
56-23-5	Carbon tetrachloride	50	60.6	121	74-146
108-90-7	Chlorobenzene	50	54.2	108	79-120
75-00-3	Chloroethane	50	44.4	89	60-134
67-66-3	Chloroform	50	53.8	108	77-127
74-87-3	Chloromethane	50	42.5	85	50-128
95-49-8	o-Chlorotoluene	50	51.8	104	78-124
106-43-4	p-Chlorotoluene	50	51.8	104	75-120
108-20-3	Di-Isopropyl ether	50	45.2	90	59-130
96-12-8	1,2-Dibromo-3-chloropropane	50	53.4	107	64-137
124-48-1	Dibromochloromethane	50	57.6	115	77-131
106-93-4	1,2-Dibromoethane	50	53.4	107	76-127
95-50-1	1,2-Dichlorobenzene	50	55.1	110	78-123
541-73-1	1,3-Dichlorobenzene	50	54.1	108	77-124
106-46-7	1,4-Dichlorobenzene	50	52.7	105	76-121
75-71-8	Dichlorodifluoromethane	50	42.8	86	41-138
75-34-3	1,1-Dichloroethane	50	52.4	105	74-124
107-06-2	1,2-Dichloroethane	50	56.5	113	71-138
75-35-4	1,1-Dichloroethene	50	50.9	102	68-126
156-59-2	cis-1,2-Dichloroethene	50	51.7	103	78-131
156-60-5	trans-1,2-Dichloroethene	50	48.6	97	64-119
78-87-5	1,2-Dichloropropane	50	52.3	105	76-121
142-28-9	1,3-Dichloropropane	50	52.0	104	77-120
594-20-7	2,2-Dichloropropane	50	43.8	88	53-143
563-58-6	1,1-Dichloropropene	50	52.6	105	77-125
10061-01-5	cis-1,3-Dichloropropene	50	50.7	101	76-123

Blank Spike Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4814-BS	2A112933.D	1	08/19/11	HSS	n/a	n/a	V2A4814

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-1, JA83666-2, JA83666-3, JA83666-4, JA83666-5, JA83666-6, JA83666-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	53.0	106	74-129
100-41-4	Ethylbenzene	50	53.2	106	77-119
87-68-3	Hexachlorobutadiene	50	55.0	110	66-137
98-82-8	Isopropylbenzene	50	52.9	106	74-125
99-87-6	p-Isopropyltoluene	50	55.1	110	78-128
1634-04-4	Methyl Tert Butyl Ether	100	103	103	72-125
108-10-1	4-Methyl-2-pentanone(MIBK)	50	50.3	101	68-131
74-95-3	Methylene bromide	50	56.5	113	79-129
75-09-2	Methylene chloride	50	50.0	100	73-122
91-20-3	Naphthalene	50	52.7	105	61-136
103-65-1	n-Propylbenzene	50	52.5	105	73-121
100-42-5	Styrene	50	53.2	106	77-121
75-65-0	Tert Butyl Alcohol	250	250	100	67-136
994-05-8	tert-Amyl Methyl Ether	50	53.5	107	69-125
637-92-3	tert-Butyl Ethyl Ether	50	49.4	99	67-129
630-20-6	1,1,1,2-Tetrachloroethane	50	57.3	115	80-128
79-34-5	1,1,2,2-Tetrachloroethane	50	47.3	95	70-121
127-18-4	Tetrachloroethene	50	67.8	136	64-148
108-88-3	Toluene	50	53.0	106	77-122
87-61-6	1,2,3-Trichlorobenzene	50	54.9	110	69-136
120-82-1	1,2,4-Trichlorobenzene	50	57.8	116	73-133
71-55-6	1,1,1-Trichloroethane	50	57.2	114	76-135
79-00-5	1,1,2-Trichloroethane	50	54.1	108	79-125
79-01-6	Trichloroethene	50	54.5	109	80-129
75-69-4	Trichlorofluoromethane	50	52.6	105	66-145
96-18-4	1,2,3-Trichloropropane	50	52.3	105	72-130
95-63-6	1,2,4-Trimethylbenzene	50	53.7	107	77-123
108-67-8	1,3,5-Trimethylbenzene	50	52.6	105	76-123
75-01-4	Vinyl chloride	50	47.6	95	56-133
	m,p-Xylene	100	105	105	77-121
95-47-6	o-Xylene	50	53.9	108	80-124
1330-20-7	Xylene (total)	150	159	106	78-121

Blank Spike Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4814-BS	2A112933.D	1	08/19/11	HSS	n/a	n/a	V2A4814

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-1, JA83666-2, JA83666-3, JA83666-4, JA83666-5, JA83666-6, JA83666-7

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	114%	77-120%
17060-07-0	1,2-Dichloroethane-D4	116%	70-127%
2037-26-5	Toluene-D8	111%	79-120%
460-00-4	4-Bromofluorobenzene	102%	76-118%

Blank Spike Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4818-BS	2A113027.D	1	08/22/11	HSS	n/a	n/a	V2A4818

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	49.7	99	49-142
71-43-2	Benzene	50	51.9	104	76-119
108-86-1	Bromobenzene	50	57.0	114	77-123
74-97-5	Bromochloromethane	50	52.8	106	77-129
75-27-4	Bromodichloromethane	50	60.1	120	81-133
75-25-2	Bromoform	50	61.4	123	72-139
74-83-9	Bromomethane	50	50.5	101	55-140
78-93-3	2-Butanone (MEK)	50	48.8	98	64-132
104-51-8	n-Butylbenzene	50	55.1	110	74-130
135-98-8	sec-Butylbenzene	50	56.1	112	75-125
98-06-6	tert-Butylbenzene	50	57.8	116	76-127
56-23-5	Carbon tetrachloride	50	61.7	123	74-146
108-90-7	Chlorobenzene	50	56.6	113	79-120
75-00-3	Chloroethane	50	46.1	92	60-134
67-66-3	Chloroform	50	54.4	109	77-127
74-87-3	Chloromethane	50	45.5	91	50-128
95-49-8	o-Chlorotoluene	50	55.3	111	78-124
106-43-4	p-Chlorotoluene	50	56.0	112	75-120
108-20-3	Di-Isopropyl ether	50	46.3	93	59-130
96-12-8	1,2-Dibromo-3-chloropropane	50	53.7	107	64-137
124-48-1	Dibromochloromethane	50	59.2	118	77-131
106-93-4	1,2-Dibromoethane	50	53.5	107	76-127
95-50-1	1,2-Dichlorobenzene	50	58.0	116	78-123
541-73-1	1,3-Dichlorobenzene	50	57.2	114	77-124
106-46-7	1,4-Dichlorobenzene	50	56.1	112	76-121
75-71-8	Dichlorodifluoromethane	50	47.5	95	41-138
75-34-3	1,1-Dichloroethane	50	52.6	105	74-124
107-06-2	1,2-Dichloroethane	50	55.6	111	71-138
75-35-4	1,1-Dichloroethene	50	51.6	103	68-126
156-59-2	cis-1,2-Dichloroethene	50	53.0	106	78-131
156-60-5	trans-1,2-Dichloroethene	50	49.4	99	64-119
78-87-5	1,2-Dichloropropane	50	53.3	107	76-121
142-28-9	1,3-Dichloropropane	50	52.8	106	77-120
594-20-7	2,2-Dichloropropane	50	44.9	90	53-143
563-58-6	1,1-Dichloropropene	50	53.8	108	77-125
10061-01-5	cis-1,3-Dichloropropene	50	52.6	105	76-123

Blank Spike Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4818-BS	2A113027.D	1	08/22/11	HSS	n/a	n/a	V2A4818

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	54.6	109	74-129
100-41-4	Ethylbenzene	50	55.0	110	77-119
87-68-3	Hexachlorobutadiene	50	59.1	118	66-137
98-82-8	Isopropylbenzene	50	56.8	114	74-125
99-87-6	p-Isopropyltoluene	50	58.7	117	78-128
1634-04-4	Methyl Tert Butyl Ether	100	103	103	72-125
108-10-1	4-Methyl-2-pentanone(MIBK)	50	50.3	101	68-131
74-95-3	Methylene bromide	50	57.6	115	79-129
75-09-2	Methylene chloride	50	50.4	101	73-122
91-20-3	Naphthalene	50	54.1	108	61-136
103-65-1	n-Propylbenzene	50	55.6	111	73-121
100-42-5	Styrene	50	55.5	111	77-121
75-65-0	Tert Butyl Alcohol	250	264	106	67-136
994-05-8	tert-Amyl Methyl Ether	50	59.7	119	69-125
637-92-3	tert-Butyl Ethyl Ether	50	51.3	103	67-129
630-20-6	1,1,1,2-Tetrachloroethane	50	58.6	117	80-128
79-34-5	1,1,2,2-Tetrachloroethane	50	49.5	99	70-121
127-18-4	Tetrachloroethene	50	61.5	123	64-148
108-88-3	Toluene	50	55.0	110	77-122
87-61-6	1,2,3-Trichlorobenzene	50	57.0	114	69-136
120-82-1	1,2,4-Trichlorobenzene	50	59.8	120	73-133
71-55-6	1,1,1-Trichloroethane	50	57.8	116	76-135
79-00-5	1,1,2-Trichloroethane	50	54.9	110	79-125
79-01-6	Trichloroethene	50	56.0	112	80-129
75-69-4	Trichlorofluoromethane	50	55.0	110	66-145
96-18-4	1,2,3-Trichloropropane	50	54.1	108	72-130
95-63-6	1,2,4-Trimethylbenzene	50	56.8	114	77-123
108-67-8	1,3,5-Trimethylbenzene	50	56.0	112	76-123
75-01-4	Vinyl chloride	50	50.6	101	56-133
	m,p-Xylene	100	110	110	77-121
95-47-6	o-Xylene	50	56.3	113	80-124
1330-20-7	Xylene (total)	150	166	111	78-121

Blank Spike Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4818-BS	2A113027.D	1	08/22/11	HSS	n/a	n/a	V2A4818

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-10

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	113%	77-120%
17060-07-0	1,2-Dichloroethane-D4	117%	70-127%
2037-26-5	Toluene-D8	113%	79-120%
460-00-4	4-Bromofluorobenzene	105%	76-118%

Blank Spike Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3A4134-BS	3A96358.D	1	08/24/11	HSS	n/a	n/a	V3A4134

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-1, JA83666-7, JA83666-8, JA83666-9, JA83666-12, JA83666-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	54.5	109	49-142
71-43-2	Benzene	50	43.8	88	76-119
108-86-1	Bromobenzene	50	50.8	102	77-123
74-97-5	Bromochloromethane	50	46.7	93	77-129
75-27-4	Bromodichloromethane	50	49.7	99	81-133
75-25-2	Bromoform	50	53.6	107	72-139
74-83-9	Bromomethane	50	43.4	87	55-140
78-93-3	2-Butanone (MEK)	50	47.1	94	64-132
104-51-8	n-Butylbenzene	50	45.2	90	74-130
135-98-8	sec-Butylbenzene	50	47.7	95	75-125
98-06-6	tert-Butylbenzene	50	50.3	101	76-127
56-23-5	Carbon tetrachloride	50	52.5	105	74-146
108-90-7	Chlorobenzene	50	47.1	94	79-120
75-00-3	Chloroethane	50	39.7	79	60-134
67-66-3	Chloroform	50	48.0	96	77-127
74-87-3	Chloromethane	50	35.2	70	50-128
95-49-8	o-Chlorotoluene	50	48.2	96	78-124
106-43-4	p-Chlorotoluene	50	47.9	96	75-120
108-20-3	Di-Isopropyl ether	50	43.2	86	59-130
96-12-8	1,2-Dibromo-3-chloropropane	50	51.6	103	64-137
124-48-1	Dibromochloromethane	50	50.4	101	77-131
106-93-4	1,2-Dibromoethane	50	48.6	97	76-127
95-50-1	1,2-Dichlorobenzene	50	47.5	95	78-123
541-73-1	1,3-Dichlorobenzene	50	47.2	94	77-124
106-46-7	1,4-Dichlorobenzene	50	46.0	92	76-121
75-71-8	Dichlorodifluoromethane	50	33.2	66	41-138
75-34-3	1,1-Dichloroethane	50	44.7	89	74-124
107-06-2	1,2-Dichloroethane	50	50.9	102	71-138
75-35-4	1,1-Dichloroethene	50	41.1	82	68-126
156-59-2	cis-1,2-Dichloroethene	50	44.1	88	78-131
156-60-5	trans-1,2-Dichloroethene	50	40.1	80	64-119
78-87-5	1,2-Dichloropropane	50	46.6	93	76-121
142-28-9	1,3-Dichloropropane	50	46.5	93	77-120
594-20-7	2,2-Dichloropropane	50	49.7	99	53-143
563-58-6	1,1-Dichloropropene	50	44.1	88	77-125
10061-01-5	cis-1,3-Dichloropropene	50	50.7	101	76-123

Blank Spike Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3A4134-BS	3A96358.D	1	08/24/11	HSS	n/a	n/a	V3A4134

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-1, JA83666-7, JA83666-8, JA83666-9, JA83666-12, JA83666-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	55.1	110	74-129
100-41-4	Ethylbenzene	50	47.2	94	77-119
87-68-3	Hexachlorobutadiene	50	46.0	92	66-137
98-82-8	Isopropylbenzene	50	48.8	98	74-125
99-87-6	p-Isopropyltoluene	50	49.9	100	78-128
1634-04-4	Methyl Tert Butyl Ether	100	94.8	95	72-125
108-10-1	4-Methyl-2-pentanone(MIBK)	50	55.2	110	68-131
74-95-3	Methylene bromide	50	50.7	101	79-129
75-09-2	Methylene chloride	50	42.7	85	73-122
91-20-3	Naphthalene	50	50.9	102	61-136
103-65-1	n-Propylbenzene	50	49.1	98	73-121
100-42-5	Styrene	50	48.1	96	77-121
75-65-0	Tert Butyl Alcohol	250	245	98	67-136
994-05-8	tert-Amyl Methyl Ether	50	57.9	116	69-125
637-92-3	tert-Butyl Ethyl Ether	50	47.6	95	67-129
630-20-6	1,1,1,2-Tetrachloroethane	50	50.5	101	80-128
79-34-5	1,1,2,2-Tetrachloroethane	50	47.2	94	70-121
127-18-4	Tetrachloroethene	50	49.6	99	64-148
108-88-3	Toluene	50	48.4	97	77-122
87-61-6	1,2,3-Trichlorobenzene	50	51.9	104	69-136
120-82-1	1,2,4-Trichlorobenzene	50	49.9	100	73-133
71-55-6	1,1,1-Trichloroethane	50	49.3	99	76-135
79-00-5	1,1,2-Trichloroethane	50	49.1	98	79-125
79-01-6	Trichloroethene	50	46.8	94	80-129
75-69-4	Trichlorofluoromethane	50	46.1	92	66-145
96-18-4	1,2,3-Trichloropropane	50	51.1	102	72-130
95-63-6	1,2,4-Trimethylbenzene	50	48.9	98	77-123
108-67-8	1,3,5-Trimethylbenzene	50	48.2	96	76-123
75-01-4	Vinyl chloride	50	39.1	78	56-133
	m,p-Xylene	100	93.5	94	77-121
95-47-6	o-Xylene	50	46.5	93	80-124
1330-20-7	Xylene (total)	150	140	93	78-121

Blank Spike Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3A4134-BS	3A96358.D	1	08/24/11	HSS	n/a	n/a	V3A4134

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-1, JA83666-7, JA83666-8, JA83666-9, JA83666-12, JA83666-13

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	77-120%
17060-07-0	1,2-Dichloroethane-D4	110%	70-127%
2037-26-5	Toluene-D8	103%	79-120%
460-00-4	4-Bromofluorobenzene	97%	76-118%

Blank Spike Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4823-BS	2A113147.D	1	08/25/11	HSS	n/a	n/a	V2A4823

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	47.8	96	49-142
71-43-2	Benzene	50	51.5	103	76-119
108-86-1	Bromobenzene	50	55.9	112	77-123
74-97-5	Bromochloromethane	50	54.7	109	77-129
75-27-4	Bromodichloromethane	50	59.0	118	81-133
75-25-2	Bromoform	50	60.2	120	72-139
74-83-9	Bromomethane	50	49.1	98	55-140
78-93-3	2-Butanone (MEK)	50	50.8	102	64-132
104-51-8	n-Butylbenzene	50	53.2	106	74-130
135-98-8	sec-Butylbenzene	50	54.7	109	75-125
98-06-6	tert-Butylbenzene	50	56.3	113	76-127
56-23-5	Carbon tetrachloride	50	64.2	128	74-146
108-90-7	Chlorobenzene	50	52.6	105	79-120
75-00-3	Chloroethane	50	43.9	88	60-134
67-66-3	Chloroform	50	53.4	107	77-127
74-87-3	Chloromethane	50	41.1	82	50-128
95-49-8	o-Chlorotoluene	50	52.9	106	78-124
106-43-4	p-Chlorotoluene	50	54.1	108	75-120
108-20-3	Di-Isopropyl ether	50	41.7	83	59-130
96-12-8	1,2-Dibromo-3-chloropropane	50	54.7	109	64-137
124-48-1	Dibromochloromethane	50	56.5	113	77-131
106-93-4	1,2-Dibromoethane	50	51.9	104	76-127
95-50-1	1,2-Dichlorobenzene	50	56.9	114	78-123
541-73-1	1,3-Dichlorobenzene	50	55.2	110	77-124
106-46-7	1,4-Dichlorobenzene	50	55.0	110	76-121
75-71-8	Dichlorodifluoromethane	50	48.7	97	41-138
75-34-3	1,1-Dichloroethane	50	49.7	99	74-124
107-06-2	1,2-Dichloroethane	50	57.6	115	71-138
75-35-4	1,1-Dichloroethene	50	54.9	110	68-126
156-59-2	cis-1,2-Dichloroethene	50	53.3	107	78-131
156-60-5	trans-1,2-Dichloroethene	50	51.3	103	64-119
78-87-5	1,2-Dichloropropane	50	49.4	99	76-121
142-28-9	1,3-Dichloropropane	50	49.0	98	77-120
594-20-7	2,2-Dichloropropane	50	57.8	116	53-143
563-58-6	1,1-Dichloropropene	50	54.6	109	77-125
10061-01-5	cis-1,3-Dichloropropene	50	54.1	108	76-123

Blank Spike Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4823-BS	2A113147.D	1	08/25/11	HSS	n/a	n/a	V2A4823

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	55.7	111	74-129
100-41-4	Ethylbenzene	50	50.9	102	77-119
87-68-3	Hexachlorobutadiene	50	60.3	121	66-137
98-82-8	Isopropylbenzene	50	54.6	109	74-125
99-87-6	p-Isopropyltoluene	50	56.1	112	78-128
1634-04-4	Methyl Tert Butyl Ether	100	103	103	72-125
108-10-1	4-Methyl-2-pentanone(MIBK)	50	50.5	101	68-131
74-95-3	Methylene bromide	50	57.3	115	79-129
75-09-2	Methylene chloride	50	50.6	101	73-122
91-20-3	Naphthalene	50	55.6	111	61-136
103-65-1	n-Propylbenzene	50	54.1	108	73-121
100-42-5	Styrene	50	51.7	103	77-121
75-65-0	Tert Butyl Alcohol	250	259	104	67-136
994-05-8	tert-Amyl Methyl Ether	50	60.0	120	69-125
637-92-3	tert-Butyl Ethyl Ether	50	48.6	97	67-129
630-20-6	1,1,1,2-Tetrachloroethane	50	55.3	111	80-128
79-34-5	1,1,2,2-Tetrachloroethane	50	48.3	97	70-121
127-18-4	Tetrachloroethene	50	59.2	118	64-148
108-88-3	Toluene	50	54.5	109	77-122
87-61-6	1,2,3-Trichlorobenzene	50	56.9	114	69-136
120-82-1	1,2,4-Trichlorobenzene	50	58.3	117	73-133
71-55-6	1,1,1-Trichloroethane	50	59.7	119	76-135
79-00-5	1,1,2-Trichloroethane	50	54.9	110	79-125
79-01-6	Trichloroethene	50	57.2	114	80-129
75-69-4	Trichlorofluoromethane	50	57.1	114	66-145
96-18-4	1,2,3-Trichloropropane	50	54.0	108	72-130
95-63-6	1,2,4-Trimethylbenzene	50	55.1	110	77-123
108-67-8	1,3,5-Trimethylbenzene	50	54.7	109	76-123
75-01-4	Vinyl chloride	50	48.3	97	56-133
	m,p-Xylene	100	103	103	77-121
95-47-6	o-Xylene	50	51.6	103	80-124
1330-20-7	Xylene (total)	150	154	103	78-121

Blank Spike Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4823-BS	2A113147.D	1	08/25/11	HSS	n/a	n/a	V2A4823

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-11

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	115%	77-120%
17060-07-0	1,2-Dichloroethane-D4	119%	70-127%
2037-26-5	Toluene-D8	112%	79-120%
460-00-4	4-Bromofluorobenzene	103%	76-118%

Matrix Spike Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83899-1MS	2A113028.D	1	08/22/11	HSS	n/a	n/a	V2A4818
JA83899-1	2A113030.D	1	08/22/11	HSS	n/a	n/a	V2A4818

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-10

CAS No.	Compound	JA83899-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
67-64-1	Acetone	ND		50	53.5	107	39-150
71-43-2	Benzene	296	E	50	280	-32* [a]	40-139
108-86-1	Bromobenzene	ND		50	57.2	114	67-131
74-97-5	Bromochloromethane	ND		50	55.1	110	67-134
75-27-4	Bromodichloromethane	ND		50	59.3	119	68-135
75-25-2	Bromoform	ND		50	58.3	117	55-141
74-83-9	Bromomethane	ND		50	51.2	102	49-145
78-93-3	2-Butanone (MEK)	ND		50	49.5	99	55-141
104-51-8	n-Butylbenzene	ND		50	55.4	111	55-139
135-98-8	sec-Butylbenzene	1.7	J	50	56.1	109	55-137
98-06-6	tert-Butylbenzene	ND		50	55.4	111	58-137
56-23-5	Carbon tetrachloride	ND		50	61.6	123	52-155
108-90-7	Chlorobenzene	ND		50	57.7	115	66-129
75-00-3	Chloroethane	ND		50	47.3	95	50-140
67-66-3	Chloroform	ND		50	54.7	109	63-133
74-87-3	Chloromethane	ND		50	46.4	93	43-138
95-49-8	o-Chlorotoluene	ND		50	54.2	108	62-132
106-43-4	p-Chlorotoluene	ND		50	55.6	111	62-129
108-20-3	Di-Isopropyl ether	ND		50	46.5	93	51-136
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	52.0	104	57-142
124-48-1	Dibromochloromethane	ND		50	58.3	117	64-136
106-93-4	1,2-Dibromoethane	ND		50	55.2	110	69-132
95-50-1	1,2-Dichlorobenzene	ND		50	56.4	113	69-129
541-73-1	1,3-Dichlorobenzene	ND		50	56.8	114	66-130
106-46-7	1,4-Dichlorobenzene	ND		50	56.3	113	66-127
75-71-8	Dichlorodifluoromethane	ND		50	46.8	94	31-166
75-34-3	1,1-Dichloroethane	ND		50	53.1	106	58-132
107-06-2	1,2-Dichloroethane	ND		50	59.6	119	62-145
75-35-4	1,1-Dichloroethene	ND		50	54.5	109	43-142
156-59-2	cis-1,2-Dichloroethene	ND		50	54.4	109	55-132
156-60-5	trans-1,2-Dichloroethene	ND		50	52.4	105	53-132
78-87-5	1,2-Dichloropropane	ND		50	54.4	109	65-128
142-28-9	1,3-Dichloropropane	ND		50	54.1	108	68-127
594-20-7	2,2-Dichloropropane	ND		50	50.6	101	41-146
563-58-6	1,1-Dichloropropene	ND		50	55.8	112	54-139
10061-01-5	cis-1,3-Dichloropropene	ND		50	56.8	114	66-130

Matrix Spike Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83899-1MS	2A113028.D	1	08/22/11	HSS	n/a	n/a	V2A4818
JA83899-1	2A113030.D	1	08/22/11	HSS	n/a	n/a	V2A4818

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-10

CAS No.	Compound	JA83899-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
10061-02-6	trans-1,3-Dichloropropene	ND		50	55.6	111	64-135
100-41-4	Ethylbenzene	25.2		50	79.0	108	40-140
87-68-3	Hexachlorobutadiene	ND		50	57.2	114	51-141
98-82-8	Isopropylbenzene	11.9		50	66.3	109	56-138
99-87-6	p-Isopropyltoluene	0.48	J	50	56.3	112	58-136
1634-04-4	Methyl Tert Butyl Ether	ND		50	53.8	108	54-136
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		50	51.4	103	61-138
74-95-3	Methylene bromide	ND		50	57.6	115	70-134
75-09-2	Methylene chloride	ND		50	53.7	107	60-130
91-20-3	Naphthalene	83.2		50	140	114	51-149
103-65-1	n-Propylbenzene	18.7		50	70.1	103	51-138
100-42-5	Styrene	ND		50	54.7	109	59-132
75-65-0	Tert Butyl Alcohol	ND		250	280	112	57-153
994-05-8	tert-Amyl Methyl Ether	ND		50	49.2	98	60-133
637-92-3	tert-Butyl Ethyl Ether	ND		50	48.8	98	59-134
630-20-6	1,1,1,2-Tetrachloroethane	ND		50	58.7	117	69-134
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	50.4	101	65-128
127-18-4	Tetrachloroethene	ND		50	58.1	116	52-143
108-88-3	Toluene	8.1		50	62.4	109	47-140
87-61-6	1,2,3-Trichlorobenzene	ND		50	56.2	112	62-137
120-82-1	1,2,4-Trichlorobenzene	ND		50	57.2	114	64-136
71-55-6	1,1,1-Trichloroethane	ND		50	58.5	117	55-146
79-00-5	1,1,2-Trichloroethane	ND		50	56.6	113	70-129
79-01-6	Trichloroethene	ND		50	57.4	115	54-142
75-69-4	Trichlorofluoromethane	ND		50	53.3	107	45-159
96-18-4	1,2,3-Trichloropropane	ND		50	53.9	108	64-137
95-63-6	1,2,4-Trimethylbenzene	52.2		50	110	116	40-147
108-67-8	1,3,5-Trimethylbenzene	2.4	J	50	56.8	109	50-142
75-01-4	Vinyl chloride	ND		50	50.1	100	42-145
	m,p-Xylene	32.3		100	136	104	39-141
95-47-6	o-Xylene	1.2		50	57.6	113	51-138
1330-20-7	Xylene (total)	33.5		150	194	107	42-140

Matrix Spike Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83899-1MS	2A113028.D	1	08/22/11	HSS	n/a	n/a	V2A4818
JA83899-1	2A113030.D	1	08/22/11	HSS	n/a	n/a	V2A4818

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-10

CAS No.	Surrogate Recoveries	MS	JA83899-1	Limits
1868-53-7	Dibromofluoromethane	114%	112%	77-120%
17060-07-0	1,2-Dichloroethane-D4	117%	115%	70-127%
2037-26-5	Toluene-D8	115%	116%	79-120%
460-00-4	4-Bromofluorobenzene	106%	103%	76-118%

(a) Outside control limits due to high level in sample relative to spike amount.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83666-8MS	2A112934.D	5	08/20/11	HSS	n/a	n/a	V2A4814
JA83666-8MSD	2A112935.D	5	08/20/11	HSS	n/a	n/a	V2A4814
JA83666-8 [a]	2A112937.D	5	08/20/11	HSS	n/a	n/a	V2A4814

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-1, JA83666-2, JA83666-3, JA83666-4, JA83666-5, JA83666-6, JA83666-7

CAS No.	Compound	JA83666-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		250	250	100	245	98	2	39-150/20
71-43-2	Benzene	ND		250	253	101	257	103	2	40-139/12
108-86-1	Bromobenzene	ND		250	265	106	269	108	1	67-131/12
74-97-5	Bromochloromethane	ND		250	259	104	259	104	0	67-134/12
75-27-4	Bromodichloromethane	ND		250	282	113	285	114	1	68-135/12
75-25-2	Bromoform	ND		250	296	118	291	116	2	55-141/14
74-83-9	Bromomethane	ND		250	251	100	254	102	1	49-145/16
78-93-3	2-Butanone (MEK)	ND		250	250	100	252	101	1	55-141/15
104-51-8	n-Butylbenzene	ND		250	255	102	260	104	2	55-139/15
135-98-8	sec-Butylbenzene	ND		250	263	105	264	106	0	55-137/14
98-06-6	tert-Butylbenzene	ND		250	268	107	270	108	1	58-137/15
56-23-5	Carbon tetrachloride	ND		250	295	118	296	118	0	52-155/16
108-90-7	Chlorobenzene	ND		250	264	106	266	106	1	66-129/11
75-00-3	Chloroethane	ND		250	234	94	239	96	2	50-140/16
67-66-3	Chloroform	ND		250	261	104	261	104	0	63-133/13
74-87-3	Chloromethane	ND		250	244	98	245	98	0	43-138/17
95-49-8	o-Chlorotoluene	ND		250	253	101	257	103	2	62-132/13
106-43-4	p-Chlorotoluene	ND		250	258	103	262	105	2	62-129/13
108-20-3	Di-Isopropyl ether	1.4	J	250	226	90	229	91	1	51-136/11
96-12-8	1,2-Dibromo-3-chloropropane	ND		250	265	106	262	105	1	57-142/14
124-48-1	Dibromochloromethane	ND		250	283	113	280	112	1	64-136/12
106-93-4	1,2-Dibromoethane	ND		250	263	105	259	104	2	69-132/11
95-50-1	1,2-Dichlorobenzene	ND		250	269	108	268	107	0	69-129/11
541-73-1	1,3-Dichlorobenzene	ND		250	265	106	265	106	0	66-130/12
106-46-7	1,4-Dichlorobenzene	ND		250	262	105	261	104	0	66-127/12
75-71-8	Dichlorodifluoromethane	ND		250	247	99	246	98	0	31-166/20
75-34-3	1,1-Dichloroethane	ND		250	256	102	259	104	1	58-132/13
107-06-2	1,2-Dichloroethane	ND		250	273	109	274	110	0	62-145/12
75-35-4	1,1-Dichloroethene	ND		250	258	103	268	107	4	43-142/17
156-59-2	cis-1,2-Dichloroethene	ND		250	258	103	260	104	1	55-132/12
156-60-5	trans-1,2-Dichloroethene	ND		250	249	100	253	101	2	53-132/14
78-87-5	1,2-Dichloropropane	ND		250	255	102	260	104	2	65-128/12
142-28-9	1,3-Dichloropropane	ND		250	257	103	257	103	0	68-127/11
594-20-7	2,2-Dichloropropane	ND		250	243	97	243	97	0	41-146/16
563-58-6	1,1-Dichloropropene	ND		250	265	106	268	107	1	54-139/15
10061-01-5	cis-1,3-Dichloropropene	ND		250	265	106	265	106	0	66-130/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83666-8MS	2A112934.D	5	08/20/11	HSS	n/a	n/a	V2A4814
JA83666-8MSD	2A112935.D	5	08/20/11	HSS	n/a	n/a	V2A4814
JA83666-8 [a]	2A112937.D	5	08/20/11	HSS	n/a	n/a	V2A4814

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-1, JA83666-2, JA83666-3, JA83666-4, JA83666-5, JA83666-6, JA83666-7

CAS No.	Compound	JA83666-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		250	263	105	262	105	0	64-135/13
100-41-4	Ethylbenzene	ND		250	261	104	262	105	0	40-140/12
87-68-3	Hexachlorobutadiene	ND		250	275	110	277	111	1	51-141/16
98-82-8	Isopropylbenzene	ND		250	265	106	270	108	2	56-138/13
99-87-6	p-Isopropyltoluene	ND		250	265	106	267	107	1	58-136/14
1634-04-4	Methyl Tert Butyl Ether	38.7		250	300	105	302	105	1	54-136/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		250	256	102	256	102	0	61-138/14
74-95-3	Methylene bromide	ND		250	271	108	272	109	0	70-134/12
75-09-2	Methylene chloride	ND		250	248	99	253	101	2	60-130/13
91-20-3	Naphthalene	ND		250	258	103	258	103	0	51-149/14
103-65-1	n-Propylbenzene	ND		250	257	103	262	105	2	51-138/14
100-42-5	Styrene	ND		250	262	105	262	105	0	59-132/13
75-65-0	Tert Butyl Alcohol	ND		1250	1300	104	1340	107	3	57-153/16
994-05-8	tert-Amyl Methyl Ether	ND		250	246	98	245	98	0	60-133/11
637-92-3	tert-Butyl Ethyl Ether	ND		250	232	93	235	94	1	59-134/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		250	275	110	275	110	0	69-134/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		250	245	98	244	98	0	65-128/12
127-18-4	Tetrachloroethene	ND		250	272	109	272	109	0	52-143/15
108-88-3	Toluene	ND		250	263	105	265	106	1	47-140/12
87-61-6	1,2,3-Trichlorobenzene	ND		250	262	105	266	106	2	62-137/14
120-82-1	1,2,4-Trichlorobenzene	ND		250	268	107	270	108	1	64-136/14
71-55-6	1,1,1-Trichloroethane	ND		250	283	113	284	114	0	55-146/15
79-00-5	1,1,2-Trichloroethane	ND		250	264	106	268	107	2	70-129/12
79-01-6	Trichloroethene	ND		250	269	108	273	109	1	54-142/14
75-69-4	Trichlorofluoromethane	ND		250	275	110	273	109	1	45-159/19
96-18-4	1,2,3-Trichloropropane	ND		250	263	105	257	103	2	64-137/13
95-63-6	1,2,4-Trimethylbenzene	ND		250	263	105	264	106	0	40-147/12
108-67-8	1,3,5-Trimethylbenzene	ND		250	262	105	263	105	0	50-142/13
75-01-4	Vinyl chloride	ND		250	265	106	264	106	0	42-145/18
	m,p-Xylene	ND		500	521	104	521	104	0	39-141/12
95-47-6	o-Xylene	ND		250	261	104	264	106	1	51-138/12
1330-20-7	Xylene (total)	ND		750	783	104	784	105	0	42-140/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83666-8MS	2A112934.D	5	08/20/11	HSS	n/a	n/a	V2A4814
JA83666-8MSD	2A112935.D	5	08/20/11	HSS	n/a	n/a	V2A4814
JA83666-8 [a]	2A112937.D	5	08/20/11	HSS	n/a	n/a	V2A4814

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-1, JA83666-2, JA83666-3, JA83666-4, JA83666-5, JA83666-6, JA83666-7

CAS No.	Surrogate Recoveries	MS	MSD	JA83666-8	Limits
1868-53-7	Dibromofluoromethane	114%	114%		77-120%
17060-07-0	1,2-Dichloroethane-D4	116%	115%		70-127%
2037-26-5	Toluene-D8	112%	112%		79-120%
460-00-4	4-Bromofluorobenzene	103%	103%		76-118%

(a) Sample used for QC purposes only.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA84377-2MS	3A96370.D	1	08/24/11	HSS	n/a	n/a	V3A4134
JA84377-2MSD	3A96371.D	1	08/24/11	HSS	n/a	n/a	V3A4134
JA84377-2	3A96361.D	1	08/24/11	HSS	n/a	n/a	V3A4134

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-1, JA83666-7, JA83666-8, JA83666-9, JA83666-12, JA83666-13

CAS No.	Compound	JA84377-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		50	47.5	95	43.9	88	8	39-150/20
71-43-2	Benzene	ND		50	39.0	78	37.7	75	3	40-139/12
108-86-1	Bromobenzene	ND		50	47.6	95	46.1	92	3	67-131/12
74-97-5	Bromochloromethane	ND		50	45.2	90	44.3	89	2	67-134/12
75-27-4	Bromodichloromethane	ND		50	45.1	90	44.6	89	1	68-135/12
75-25-2	Bromoform	ND		50	47.7	95	49.6	99	4	55-141/14
74-83-9	Bromomethane	ND		50	39.2	78	38.0	76	3	49-145/16
78-93-3	2-Butanone (MEK)	ND		50	44.3	89	45.0	90	2	55-141/15
104-51-8	n-Butylbenzene	ND		50	36.7	73	35.1	70	4	55-139/15
135-98-8	sec-Butylbenzene	ND		50	38.2	76	36.8	74	4	55-137/14
98-06-6	tert-Butylbenzene	ND		50	41.8	84	40.3	81	4	58-137/15
56-23-5	Carbon tetrachloride	ND		50	41.3	83	39.3	79	5	52-155/16
108-90-7	Chlorobenzene	ND		50	41.9	84	40.9	82	2	66-129/11
75-00-3	Chloroethane	ND		50	33.8	68	32.8	66	3	50-140/16
67-66-3	Chloroform	ND		50	43.7	87	42.2	84	3	63-133/13
74-87-3	Chloromethane	ND		50	32.6	65	31.6	63	3	43-138/17
95-49-8	o-Chlorotoluene	ND		50	42.4	85	40.7	81	4	62-132/13
106-43-4	p-Chlorotoluene	ND		50	42.7	85	41.6	83	3	62-129/13
108-20-3	Di-Isopropyl ether	ND		50	42.3	85	41.4	83	2	51-136/11
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	48.4	97	47.3	95	2	57-142/14
124-48-1	Dibromochloromethane	ND		50	46.7	93	47.0	94	1	64-136/12
106-93-4	1,2-Dibromoethane	ND		50	45.8	92	46.4	93	1	69-132/11
95-50-1	1,2-Dichlorobenzene	ND		50	43.4	87	42.7	85	2	69-129/11
541-73-1	1,3-Dichlorobenzene	ND		50	42.0	84	41.2	82	2	66-130/12
106-46-7	1,4-Dichlorobenzene	ND		50	41.6	83	40.7	81	2	66-127/12
75-71-8	Dichlorodifluoromethane	ND		50	28.8	58	27.4	55	5	31-166/20
75-34-3	1,1-Dichloroethane	ND		50	39.8	80	37.8	76	5	58-132/13
107-06-2	1,2-Dichloroethane	ND		50	49.2	98	47.9	96	3	62-145/12
75-35-4	1,1-Dichloroethene	ND		50	34.9	70	33.6	67	4	43-142/17
156-59-2	cis-1,2-Dichloroethene	5.2		50	45.4	80	44.0	78	3	55-132/12
156-60-5	trans-1,2-Dichloroethene	ND		50	38.1	76	36.2	72	5	53-132/14
78-87-5	1,2-Dichloropropane	ND		50	41.5	83	41.1	82	1	65-128/12
142-28-9	1,3-Dichloropropane	ND		50	44.5	89	43.7	87	2	68-127/11
594-20-7	2,2-Dichloropropane	ND		50	42.4	85	39.6	79	7	41-146/16
563-58-6	1,1-Dichloropropene	ND		50	37.9	76	34.8	70	9	54-139/15
10061-01-5	cis-1,3-Dichloropropene	ND		50	48.0	96	47.0	94	2	66-130/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA84377-2MS	3A96370.D	1	08/24/11	HSS	n/a	n/a	V3A4134
JA84377-2MSD	3A96371.D	1	08/24/11	HSS	n/a	n/a	V3A4134
JA84377-2	3A96361.D	1	08/24/11	HSS	n/a	n/a	V3A4134

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-1, JA83666-7, JA83666-8, JA83666-9, JA83666-12, JA83666-13

CAS No.	Compound	JA84377-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		50	51.1	102	50.0	100	2	64-135/13
100-41-4	Ethylbenzene	ND		50	40.3	81	39.1	78	3	40-140/12
87-68-3	Hexachlorobutadiene	ND		50	37.6	75	36.8	74	2	51-141/16
98-82-8	Isopropylbenzene	ND		50	40.6	81	39.4	79	3	56-138/13
99-87-6	p-Isopropyltoluene	ND		50	40.4	81	39.1	78	3	58-136/14
1634-04-4	Methyl Tert Butyl Ether	ND		50	46.2	92	45.5	91	2	54-136/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		50	53.1	106	52.8	106	1	61-138/14
74-95-3	Methylene bromide	ND		50	47.3	95	46.2	92	2	70-134/12
75-09-2	Methylene chloride	ND		50	41.9	84	41.1	82	2	60-130/13
91-20-3	Naphthalene	ND		50	48.1	96	48.7	97	1	51-149/14
103-65-1	n-Propylbenzene	ND		50	41.1	82	39.4	79	4	51-138/14
100-42-5	Styrene	ND		50	42.8	86	42.8	86	0	59-132/13
75-65-0	Tert Butyl Alcohol	ND		250	244	98	242	97	1	57-153/16
994-05-8	tert-Amyl Methyl Ether	ND		50	49.6	99	48.0	96	3	60-133/11
637-92-3	tert-Butyl Ethyl Ether	ND		50	44.0	88	43.4	87	1	59-134/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		50	45.3	91	45.5	91	0	69-134/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	43.9	88	44.3	89	1	65-128/12
127-18-4	Tetrachloroethene	23.3		50	55.3	64	53.8	61	3	52-143/15
108-88-3	Toluene	ND		50	41.6	83	40.2	80	3	47-140/12
87-61-6	1,2,3-Trichlorobenzene	ND		50	47.4	95	47.3	95	0	62-137/14
120-82-1	1,2,4-Trichlorobenzene	ND		50	44.0	88	43.1	86	2	64-136/14
71-55-6	1,1,1-Trichloroethane	ND		50	40.8	82	38.6	77	6	55-146/15
79-00-5	1,1,2-Trichloroethane	ND		50	45.1	90	45.2	90	0	70-129/12
79-01-6	Trichloroethene	2.1		50	41.6	79	39.5	75	5	54-142/14
75-69-4	Trichlorofluoromethane	ND		50	36.2	72	33.6	67	7	45-159/19
96-18-4	1,2,3-Trichloropropane	ND		50	47.7	95	47.9	96	0	64-137/13
95-63-6	1,2,4-Trimethylbenzene	ND		50	42.2	84	41.3	83	2	40-147/12
108-67-8	1,3,5-Trimethylbenzene	ND		50	41.7	83	40.0	80	4	50-142/13
75-01-4	Vinyl chloride	ND		50	31.7	63	30.0	60	6	42-145/18
	m,p-Xylene	ND		100	80.3	80	79.5	80	1	39-141/12
95-47-6	o-Xylene	ND		50	40.9	82	40.3	81	1	51-138/12
1330-20-7	Xylene (total)	ND		150	121	81	120	80	1	42-140/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA84377-2MS	3A96370.D	1	08/24/11	HSS	n/a	n/a	V3A4134
JA84377-2MSD	3A96371.D	1	08/24/11	HSS	n/a	n/a	V3A4134
JA84377-2	3A96361.D	1	08/24/11	HSS	n/a	n/a	V3A4134

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-1, JA83666-7, JA83666-8, JA83666-9, JA83666-12, JA83666-13

CAS No.	Surrogate Recoveries	MS	MSD	JA84377-2	Limits
1868-53-7	Dibromofluoromethane	103%	102%	104%	77-120%
17060-07-0	1,2-Dichloroethane-D4	105%	105%	108%	70-127%
2037-26-5	Toluene-D8	102%	102%	101%	79-120%
460-00-4	4-Bromofluorobenzene	98%	98%	96%	76-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83495-35MS	2A113156.D	1	08/25/11	HSS	n/a	n/a	V2A4823
JA83495-35MSD	2A113157.D	1	08/25/11	HSS	n/a	n/a	V2A4823
JA83495-35	2A113152.D	1	08/25/11	HSS	n/a	n/a	V2A4823

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-11

CAS No.	Compound	JA83495-35 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		50	55.0	110	43.5	87	23* a	39-150/20
71-43-2	Benzene	ND		50	45.1	90	46.0	92	2	40-139/12
108-86-1	Bromobenzene	ND		50	50.5	101	52.0	104	3	67-131/12
74-97-5	Bromochloromethane	ND		50	49.6	99	51.0	102	3	67-134/12
75-27-4	Bromodichloromethane	ND		50	52.1	104	52.6	105	1	68-135/12
75-25-2	Bromoform	ND		50	51.8	104	49.9	100	4	55-141/14
74-83-9	Bromomethane	ND		50	43.2	86	44.7	89	3	49-145/16
78-93-3	2-Butanone (MEK)	ND		50	49.4	99	48.4	97	2	55-141/15
104-51-8	n-Butylbenzene	ND		50	44.0	88	45.1	90	2	55-139/15
135-98-8	sec-Butylbenzene	ND		50	45.3	91	46.3	93	2	55-137/14
98-06-6	tert-Butylbenzene	ND		50	47.1	94	48.2	96	2	58-137/15
56-23-5	Carbon tetrachloride	ND		50	51.6	103	51.5	103	0	52-155/16
108-90-7	Chlorobenzene	ND		50	46.1	92	47.2	94	2	66-129/11
75-00-3	Chloroethane	ND		50	37.6	75	39.0	78	4	50-140/16
67-66-3	Chloroform	ND		50	46.2	92	47.3	95	2	63-133/13
74-87-3	Chloromethane	ND		50	34.3	69	35.8	72	4	43-138/17
95-49-8	o-Chlorotoluene	ND		50	46.7	93	47.6	95	2	62-132/13
106-43-4	p-Chlorotoluene	ND		50	47.3	95	48.1	96	2	62-129/13
108-20-3	Di-Isopropyl ether	ND		50	40.9	82	41.6	83	2	51-136/11
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	50.4	101	50.2	100	0	57-142/14
124-48-1	Dibromochloromethane	ND		50	49.3	99	49.5	99	0	64-136/12
106-93-4	1,2-Dibromoethane	ND		50	48.0	96	49.4	99	3	69-132/11
95-50-1	1,2-Dichlorobenzene	ND		50	51.0	102	52.0	104	2	69-129/11
541-73-1	1,3-Dichlorobenzene	ND		50	49.2	98	50.2	100	2	66-130/12
106-46-7	1,4-Dichlorobenzene	ND		50	49.4	99	50.6	101	2	66-127/12
75-71-8	Dichlorodifluoromethane	ND		50	36.4	73	36.9	74	1	31-166/20
75-34-3	1,1-Dichloroethane	ND		50	43.3	87	44.5	89	3	58-132/13
107-06-2	1,2-Dichloroethane	ND		50	52.1	104	52.5	105	1	62-145/12
75-35-4	1,1-Dichloroethene	ND		50	44.0	88	45.0	90	2	43-142/17
156-59-2	cis-1,2-Dichloroethene	ND		50	46.1	92	48.2	96	4	55-132/12
156-60-5	trans-1,2-Dichloroethene	ND		50	43.5	87	45.0	90	3	53-132/14
78-87-5	1,2-Dichloropropane	ND		50	45.6	91	46.5	93	2	65-128/12
142-28-9	1,3-Dichloropropane	ND		50	45.7	91	46.1	92	1	68-127/11
594-20-7	2,2-Dichloropropane	ND		50	49.7	99	50.2	100	1	41-146/16
563-58-6	1,1-Dichloropropene	ND		50	45.0	90	45.4	91	1	54-139/15
10061-01-5	cis-1,3-Dichloropropene	ND		50	50.6	101	51.4	103	2	66-130/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83495-35MS	2A113156.D	1	08/25/11	HSS	n/a	n/a	V2A4823
JA83495-35MSD	2A113157.D	1	08/25/11	HSS	n/a	n/a	V2A4823
JA83495-35	2A113152.D	1	08/25/11	HSS	n/a	n/a	V2A4823

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-11

CAS No.	Compound	JA83495-35 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		50	51.0	102	50.7	101	1	64-135/13
100-41-4	Ethylbenzene	ND		50	43.5	87	44.5	89	2	40-140/12
87-68-3	Hexachlorobutadiene	ND		50	47.1	94	47.8	96	1	51-141/16
98-82-8	Isopropylbenzene	ND		50	46.7	93	47.5	95	2	56-138/13
99-87-6	p-Isopropyltoluene	ND		50	46.9	94	47.8	96	2	58-136/14
1634-04-4	Methyl Tert Butyl Ether	ND		50	50.6	101	51.2	102	1	54-136/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		50	51.5	103	48.5	97	6	61-138/14
74-95-3	Methylene bromide	ND		50	52.9	106	53.3	107	1	70-134/12
75-09-2	Methylene chloride	ND		50	46.0	92	47.4	95	3	60-130/13
91-20-3	Naphthalene	ND		50	51.8	104	52.4	105	1	51-149/14
103-65-1	n-Propylbenzene	ND		50	46.2	92	47.2	94	2	51-138/14
100-42-5	Styrene	ND		50	40.0	80	38.7	77	3	59-132/13
75-65-0	Tert Butyl Alcohol	ND		250	265	106	269	108	1	57-153/16
994-05-8	tert-Amyl Methyl Ether	ND		50	51.0	102	51.8	104	2	60-133/11
637-92-3	tert-Butyl Ethyl Ether	ND		50	44.6	89	46.1	92	3	59-134/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		50	48.4	97	50.1	100	3	69-134/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	46.0	92	46.8	94	2	65-128/12
127-18-4	Tetrachloroethene	ND		50	46.7	93	47.3	95	1	52-143/15
108-88-3	Toluene	ND		50	47.3	95	47.9	96	1	47-140/12
87-61-6	1,2,3-Trichlorobenzene	ND		50	50.4	101	52.4	105	4	62-137/14
120-82-1	1,2,4-Trichlorobenzene	ND		50	51.0	102	52.7	105	3	64-136/14
71-55-6	1,1,1-Trichloroethane	ND		50	48.4	97	48.7	97	1	55-146/15
79-00-5	1,1,2-Trichloroethane	ND		50	51.4	103	52.2	104	2	70-129/12
79-01-6	Trichloroethene	ND		50	48.0	96	48.9	98	2	54-142/14
75-69-4	Trichlorofluoromethane	ND		50	45.6	91	45.7	91	0	45-159/19
96-18-4	1,2,3-Trichloropropane	ND		50	51.7	103	52.3	105	1	64-137/13
95-63-6	1,2,4-Trimethylbenzene	ND		50	47.4	95	46.5	93	2	40-147/12
108-67-8	1,3,5-Trimethylbenzene	ND		50	46.2	92	45.4	91	2	50-142/13
75-01-4	Vinyl chloride	ND		50	39.5	79	40.4	81	2	42-145/18
	m,p-Xylene	ND		100	88.6	89	89.1	89	1	39-141/12
95-47-6	o-Xylene	ND		50	44.9	90	45.5	91	1	51-138/12
1330-20-7	Xylene (total)	ND		150	134	89	135	90	1	42-140/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83495-35MS	2A113156.D	1	08/25/11	HSS	n/a	n/a	V2A4823
JA83495-35MSD	2A113157.D	1	08/25/11	HSS	n/a	n/a	V2A4823
JA83495-35	2A113152.D	1	08/25/11	HSS	n/a	n/a	V2A4823

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-11

CAS No.	Surrogate Recoveries	MS	MSD	JA83495-35	Limits
1868-53-7	Dibromofluoromethane	113%	115%	113%	77-120%
17060-07-0	1,2-Dichloroethane-D4	116%	116%	115%	70-127%
2037-26-5	Toluene-D8	113%	112%	110%	79-120%
460-00-4	4-Bromofluorobenzene	103%	104%	100%	76-118%

(a) Outside control limits due to matrix interference.

Duplicate Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83899-2DUP	2A113031.D	1	08/23/11	HSS	n/a	n/a	V2A4818
JA83899-2	2A113032.D	1	08/23/11	HSS	n/a	n/a	V2A4818

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-10

CAS No.	Compound	JA83899-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
67-64-1	Acetone	ND		ND		nc	16
71-43-2	Benzene	ND		ND		nc	10
108-86-1	Bromobenzene	ND		ND		nc	10
74-97-5	Bromochloromethane	ND		ND		nc	10
75-27-4	Bromodichloromethane	ND		ND		nc	12
75-25-2	Bromoform	ND		ND		nc	10
74-83-9	Bromomethane	ND		ND		nc	10
78-93-3	2-Butanone (MEK)	ND		ND		nc	10
104-51-8	n-Butylbenzene	ND		ND		nc	10
135-98-8	sec-Butylbenzene	ND		ND		nc	10
98-06-6	tert-Butylbenzene	ND		ND		nc	10
56-23-5	Carbon tetrachloride	ND		ND		nc	10
108-90-7	Chlorobenzene	ND		ND		nc	10
75-00-3	Chloroethane	ND		ND		nc	10
67-66-3	Chloroform	ND		ND		nc	11
74-87-3	Chloromethane	ND		ND		nc	10
95-49-8	o-Chlorotoluene	ND		ND		nc	10
106-43-4	p-Chlorotoluene	ND		ND		nc	10
108-20-3	Di-Isopropyl ether	ND		ND		nc	10
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	10
124-48-1	Dibromochloromethane	ND		ND		nc	10
106-93-4	1,2-Dibromoethane	ND		ND		nc	10
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	10
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	10
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	10
75-71-8	Dichlorodifluoromethane	ND		ND		nc	10
75-34-3	1,1-Dichloroethane	ND		ND		nc	10
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
75-35-4	1,1-Dichloroethene	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethene	ND		ND		nc	10
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	10
78-87-5	1,2-Dichloropropane	ND		ND		nc	10
142-28-9	1,3-Dichloropropane	ND		ND		nc	10
594-20-7	2,2-Dichloropropane	ND		ND		nc	10
563-58-6	1,1-Dichloropropene	ND		ND		nc	10
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	10

Duplicate Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83899-2DUP	2A113031.D	1	08/23/11	HSS	n/a	n/a	V2A4818
JA83899-2	2A113032.D	1	08/23/11	HSS	n/a	n/a	V2A4818

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-10

CAS No.	Compound	JA83899-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	10
100-41-4	Ethylbenzene	ND		ND		nc	12
87-68-3	Hexachlorobutadiene	ND		ND		nc	10
98-82-8	Isopropylbenzene	ND		ND		nc	10
99-87-6	p-Isopropyltoluene	ND		ND		nc	10
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	16
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		ND		nc	10
74-95-3	Methylene bromide	ND		ND		nc	10
75-09-2	Methylene chloride	ND		ND		nc	10
91-20-3	Naphthalene	ND		ND		nc	14
103-65-1	n-Propylbenzene	ND		ND		nc	10
100-42-5	Styrene	ND		ND		nc	10
75-65-0	Tert Butyl Alcohol	ND		ND		nc	11
994-05-8	tert-Amyl Methyl Ether	ND		ND		nc	10
637-92-3	tert-Butyl Ethyl Ether	ND		ND		nc	10
630-20-6	1,1,1,2-Tetrachloroethane	ND		ND		nc	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	10
127-18-4	Tetrachloroethene	ND		ND		nc	13
108-88-3	Toluene	ND		ND		nc	10
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	10
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	10
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	10
79-01-6	Trichloroethene	ND		ND		nc	12
75-69-4	Trichlorofluoromethane	ND		ND		nc	10
96-18-4	1,2,3-Trichloropropane	ND		ND		nc	10
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	10
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	10
75-01-4	Vinyl chloride	ND		ND		nc	10
	m,p-Xylene	ND		ND		nc	12
95-47-6	o-Xylene	ND		ND		nc	12
1330-20-7	Xylene (total)	ND		ND		nc	13

Duplicate Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83899-2DUP	2A113031.D	1	08/23/11	HSS	n/a	n/a	V2A4818
JA83899-2	2A113032.D	1	08/23/11	HSS	n/a	n/a	V2A4818

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83666-10

CAS No.	Surrogate Recoveries	DUP	JA83899-2	Limits
1868-53-7	Dibromofluoromethane	112%	111%	77-120%
17060-07-0	1,2-Dichloroethane-D4	114%	114%	70-127%
2037-26-5	Toluene-D8	111%	112%	79-120%
460-00-4	4-Bromofluorobenzene	103%	102%	76-118%

Instrument Performance Check (BFB)

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2A4764-BFB
Lab File ID: 2A111730.D
Instrument ID: GCMS2A
Injection Date: 07/21/11
Injection Time: 16:46

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	14.99 - 40.0% of mass 95	8562	19.6		Pass
75	30.0 - 60.0% of mass 95	20608	47.1		Pass
95	Base peak, 100% relative abundance	43717	100.0		Pass
96	5.0 - 9.0% of mass 95	3033	6.94		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	39093	89.4		Pass
175	5.0 - 9.0% of mass 174	3094	7.08	(7.91) [a]	Pass
176	95.0 - 101.0% of mass 174	38538	88.2	(98.6) [a]	Pass
177	5.0 - 9.0% of mass 176	2627	6.01	(6.82) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2A4764-IC4764	2A111731.D	07/21/11	17:16	00:30	Initial cal 0.5
V2A4764-IC4764	2A111732.D	07/21/11	17:46	01:00	Initial cal 1
V2A4764-IC4764	2A111733.D	07/21/11	18:16	01:30	Initial cal 2
V2A4764-IC4764	2A111734.D	07/21/11	18:46	02:00	Initial cal 5
V2A4764-IC4764	2A111735.D	07/21/11	19:16	02:30	Initial cal 10
V2A4764-IC4764	2A111736.D	07/21/11	19:46	03:00	Initial cal 20
V2A4764-ICC4764	2A111737.D	07/21/11	20:15	03:29	Initial cal 50
V2A4764-IC4764	2A111738.D	07/21/11	20:45	03:59	Initial cal 100
V2A4764-IC4764	2A111739.D	07/21/11	21:15	04:29	Initial cal 200
V2A4764-ICV4764	2A111742.D	07/21/11	22:45	05:59	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2A4814-BFB
Lab File ID: 2A112929.D
Instrument ID: GCMS2A
Injection Date: 08/19/11
Injection Time: 21:40

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	14.99 - 40.0% of mass 95	9196	19.7		Pass
75	30.0 - 60.0% of mass 95	23237	49.8		Pass
95	Base peak, 100% relative abundance	46658	100.0		Pass
96	5.0 - 9.0% of mass 95	3100	6.64		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	45368	97.2		Pass
175	5.0 - 9.0% of mass 174	3771	8.08	(8.31) [a]	Pass
176	95.0 - 101.0% of mass 174	44165	94.7	(97.3) [a]	Pass
177	5.0 - 9.0% of mass 176	2989	6.41	(6.77) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2A4814-CC4764	2A112930.D	08/19/11	22:07	00:27	Continuing cal 50
V2A4814-MB	2A112932.D	08/19/11	23:06	01:26	Method Blank
V2A4814-BS	2A112933.D	08/19/11	23:36	01:56	Blank Spike
JA83666-8MS	2A112934.D	08/20/11	00:05	02:25	Matrix Spike
JA83666-8MSD	2A112935.D	08/20/11	00:34	02:54	Matrix Spike Duplicate
JA83666-8	2A112937.D	08/20/11	01:33	03:53	137675-MW-12
JA83666-6	2A112938.D	08/20/11	02:03	04:23	137675-MW-11R
JA83666-1	2A112943.D	08/20/11	04:31	06:51	137675-MW-06D
JA83666-2	2A112944.D	08/20/11	05:00	07:20	137675-MW-06R
JA83666-3	2A112945.D	08/20/11	05:30	07:50	137675-MW-09D
JA83666-4	2A112946.D	08/20/11	06:00	08:20	137675-MW-09S
JA83666-5	2A112947.D	08/20/11	06:29	08:49	137675-MW-11D
JA83666-7	2A112948.D	08/20/11	06:59	09:19	137675-MW-11S

Instrument Performance Check (BFB)

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2A4818-BFB
Lab File ID: 2A113023.D
Instrument ID: GCMS2A
Injection Date: 08/22/11
Injection Time: 20:12

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	14.99 - 40.0% of mass 95	9345	19.2		Pass
75	30.0 - 60.0% of mass 95	23453	48.1		Pass
95	Base peak, 100% relative abundance	48760	100.0		Pass
96	5.0 - 9.0% of mass 95	3389	6.95		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	48072	98.6		Pass
175	5.0 - 9.0% of mass 174	4023	8.25	(8.37) [a]	Pass
176	95.0 - 101.0% of mass 174	46866	96.1	(97.5) [a]	Pass
177	5.0 - 9.0% of mass 176	3135	6.43	(6.69) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2A4818-CC4764	2A113024.D	08/22/11	20:39	00:27	Continuing cal 50
V2A4818-MB	2A113026.D	08/22/11	21:38	01:26	Method Blank
V2A4818-BS	2A113027.D	08/22/11	22:07	01:55	Blank Spike
JA83899-1MS	2A113028.D	08/22/11	22:37	02:25	Matrix Spike
JA83899-1	2A113030.D	08/22/11	23:36	03:24	(used for QC only; not part of job JA83666)
JA83899-2DUP	2A113031.D	08/23/11	00:05	03:53	Duplicate
JA83899-2	2A113032.D	08/23/11	00:35	04:23	(used for QC only; not part of job JA83666)
ZZZZZZ	2A113033.D	08/23/11	01:04	04:52	(unrelated sample)
ZZZZZZ	2A113035.D	08/23/11	02:03	05:51	(unrelated sample)
ZZZZZZ	2A113036.D	08/23/11	02:32	06:20	(unrelated sample)
ZZZZZZ	2A113038.D	08/23/11	03:31	07:19	(unrelated sample)
ZZZZZZ	2A113039.D	08/23/11	04:01	07:49	(unrelated sample)
ZZZZZZ	2A113040.D	08/23/11	04:30	08:18	(unrelated sample)
JA83666-10	2A113041.D	08/23/11	05:00	08:48	137675-MW-17W
ZZZZZZ	2A113045.D	08/23/11	06:59	10:47	(unrelated sample)
ZZZZZZ	2A113046.D	08/23/11	07:28	11:16	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2A4823-BFB
Lab File ID: 2A113143.D
Instrument ID: GCMS2A
Injection Date: 08/25/11
Injection Time: 07:49

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	8023	18.9		Pass
75	30.0 - 60.0% of mass 95	20712	48.9		Pass
95	Base peak, 100% relative abundance	42346	100.0		Pass
96	5.0 - 9.0% of mass 95	2876	6.79		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	42722	100.9		Pass
175	5.0 - 9.0% of mass 174	3504	8.27	(8.20) [a]	Pass
176	95.0 - 101.0% of mass 174	41570	98.2	(97.3) [a]	Pass
177	5.0 - 9.0% of mass 176	2900	6.85	(6.98) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2A4823-CC4764	2A113144.D	08/25/11	08:17	00:28	Continuing cal 20
V2A4823-MB	2A113146.D	08/25/11	09:23	01:34	Method Blank
V2A4823-BS	2A113147.D	08/25/11	09:58	02:09	Blank Spike
JA83666-11	2A113148.D	08/25/11	10:28	02:39	137675-MW-18
ZZZZZZ	2A113150.D	08/25/11	11:27	03:38	(unrelated sample)
ZZZZZZ	2A113151.D	08/25/11	11:56	04:07	(unrelated sample)
JA83495-35	2A113152.D	08/25/11	12:26	04:37	(used for QC only; not part of job JA83666)
ZZZZZZ	2A113153.D	08/25/11	12:56	05:07	(unrelated sample)
ZZZZZZ	2A113154.D	08/25/11	13:25	05:36	(unrelated sample)
ZZZZZZ	2A113155.D	08/25/11	13:55	06:06	(unrelated sample)
JA83495-35MS	2A113156.D	08/25/11	14:24	06:35	Matrix Spike
JA83495-35MSD	2A113157.D	08/25/11	14:54	07:05	Matrix Spike Duplicate
ZZZZZZ	2A113159.D	08/25/11	15:53	08:04	(unrelated sample)
ZZZZZZ	2A113160.D	08/25/11	16:22	08:33	(unrelated sample)
ZZZZZZ	2A113162.D	08/25/11	17:21	09:32	(unrelated sample)
ZZZZZZ	2A113163.D	08/25/11	17:51	10:02	(unrelated sample)
ZZZZZZ	2A113164.D	08/25/11	18:20	10:31	(unrelated sample)
JA83666-11	2A113165.D	08/25/11	18:50	11:01	137675-MW-18

Instrument Performance Check (BFB)

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V3A4016-BFB
Lab File ID: 3A93604.D
Instrument ID: GCMS3A
Injection Date: 06/16/11
Injection Time: 08:34

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	6714	21.8		Pass
75	30.0 - 60.0% of mass 95	15199	49.4		Pass
95	Base peak, 100% relative abundance	30762	100.0		Pass
96	5.0 - 9.0% of mass 95	2054	6.68		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	26469	86.0		Pass
175	5.0 - 9.0% of mass 174	2272	7.39	(8.58) [a]	Pass
176	95.0 - 101.0% of mass 174	26144	85.0	(98.8) [a]	Pass
177	5.0 - 9.0% of mass 176	1746	5.68	(6.68) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3A4016-IC4016	3A93606.D	06/16/11	09:35	01:01	Initial cal 0.5
V3A4016-IC4016	3A93607.D	06/16/11	10:04	01:30	Initial cal 2
V3A4016-IC4016	3A93608.D	06/16/11	10:33	01:59	Initial cal 5
V3A4016-IC4016	3A93609.D	06/16/11	11:01	02:27	Initial cal 20
V3A4016-ICC4016	3A93610.D	06/16/11	11:30	02:56	Initial cal 50
V3A4016-IC4016	3A93611.D	06/16/11	11:59	03:25	Initial cal 100
V3A4016-IC4016	3A93612.D	06/16/11	12:28	03:54	Initial cal 200
V3A4016-IC4016	3A93615.D	06/16/11	13:54	05:20	Initial cal 1
V3A4016-ICV4016	3A93617.D	06/16/11	15:06	06:32	Initial cal verification 50
ZZZZZZ	3A93618.D	06/16/11	18:10	09:36	(unrelated sample)
ZZZZZZ	3A93619.D	06/16/11	18:39	10:05	(unrelated sample)
ZZZZZZ	3A93620.D	06/16/11	19:08	10:34	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V3A4134-BFB
Lab File ID: 3A96354.D
Instrument ID: GCMS3A
Injection Date: 08/24/11
Injection Time: 08:21

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	5169	19.2		Pass
75	30.0 - 60.0% of mass 95	13071	48.6		Pass
95	Base peak, 100% relative abundance	26922	100.0		Pass
96	5.0 - 9.0% of mass 95	1696	6.30		Pass
173	Less than 2.0% of mass 174	169	0.63	(0.65) [a]	Pass
174	50.0 - 120.0% of mass 95	25842	96.0		Pass
175	5.0 - 9.0% of mass 174	2077	7.71	(8.04) [a]	Pass
176	95.0 - 101.0% of mass 174	24848	92.3	(96.2) [a]	Pass
177	5.0 - 9.0% of mass 176	1753	6.51	(7.05) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3A4134-CC4016	3A96355.D	08/24/11	08:50	00:29	Continuing cal 20
V3A4134-MB	3A96357.D	08/24/11	09:59	01:38	Method Blank
V3A4134-BS	3A96358.D	08/24/11	10:36	02:15	Blank Spike
ZZZZZZ	3A96359.D	08/24/11	11:05	02:44	(unrelated sample)
ZZZZZZ	3A96360.D	08/24/11	11:34	03:13	(unrelated sample)
JA84377-2	3A96361.D	08/24/11	12:03	03:42	(used for QC only; not part of job JA83666)
ZZZZZZ	3A96362.D	08/24/11	12:32	04:11	(unrelated sample)
ZZZZZZ	3A96363.D	08/24/11	13:01	04:40	(unrelated sample)
JA83666-7	3A96365.D	08/24/11	13:59	05:38	137675-MW-11S
ZZZZZZ	3A96367.D	08/24/11	14:56	06:35	(unrelated sample)
ZZZZZZ	3A96368.D	08/24/11	15:25	07:04	(unrelated sample)
ZZZZZZ	3A96369.D	08/24/11	15:54	07:33	(unrelated sample)
JA84377-2MS	3A96370.D	08/24/11	16:22	08:01	Matrix Spike
JA84377-2MSD	3A96371.D	08/24/11	16:51	08:30	Matrix Spike Duplicate
JA83666-8	3A96372.D	08/24/11	17:50	09:29	137675-MW-12
JA83666-9	3A96373.D	08/24/11	18:18	09:57	137675-MW-17D
JA83666-12	3A96374.D	08/24/11	18:47	10:26	137675-MW-24D
JA83666-13	3A96375.D	08/24/11	19:16	10:55	137675-MW-25D
JA83666-1	3A96376.D	08/24/11	19:45	11:24	137675-MW-06D

Volatile Surrogate Recovery Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JA83666-1	2A112943.D	113.0	116.0	110.0	98.0
JA83666-1	3A96376.D	103.0	109.0	102.0	99.0
JA83666-2	2A112944.D	112.0	116.0	110.0	100.0
JA83666-3	2A112945.D	113.0	116.0	110.0	100.0
JA83666-4	2A112946.D	113.0	117.0	111.0	99.0
JA83666-5	2A112947.D	113.0	118.0	111.0	100.0
JA83666-6	2A112938.D	112.0	115.0	109.0	100.0
JA83666-7	2A112948.D	113.0	119.0	112.0	99.0
JA83666-7	3A96365.D	104.0	109.0	102.0	96.0
JA83666-8	2A112937.D				
JA83666-8	3A96372.D	102.0	105.0	101.0	96.0
JA83666-9	3A96373.D	102.0	107.0	102.0	97.0
JA83666-10	2A113041.D	112.0	117.0	111.0	101.0
JA83666-11	2A113148.D	113.0	118.0	112.0	100.0
JA83666-11	2A113165.D	113.0	115.0	113.0	98.0
JA83666-12	3A96374.D	103.0	106.0	102.0	97.0
JA83666-13	3A96375.D	105.0	108.0	104.0	95.0
JA83495-35MS	2A113156.D	113.0	116.0	113.0	103.0
JA83495-35MSD	2A113157.D	115.0	116.0	112.0	104.0
JA83666-8MS	2A112934.D	114.0	116.0	112.0	103.0
JA83666-8MSD	2A112935.D	114.0	115.0	112.0	103.0
JA83899-1MS	2A113028.D	114.0	117.0	115.0	106.0
JA83899-2DUP	2A113031.D	112.0	114.0	111.0	103.0
JA84377-2MS	3A96370.D	103.0	105.0	102.0	98.0
JA84377-2MSD	3A96371.D	102.0	105.0	102.0	98.0
V2A4814-BS	2A112933.D	114.0	116.0	111.0	102.0
V2A4814-MB	2A112932.D	113.0	116.0	110.0	99.0
V2A4818-BS	2A113027.D	113.0	117.0	113.0	105.0
V2A4818-MB	2A113026.D	112.0	116.0	112.0	102.0
V2A4823-BS	2A113147.D	115.0	119.0	112.0	103.0
V2A4823-MB	2A113146.D	113.0	116.0	111.0	99.0
V3A4134-BS	3A96358.D	103.0	110.0	103.0	97.0
V3A4134-MB	3A96357.D	103.0	106.0	101.0	97.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	77-120%
S2 = 1,2-Dichloroethane-D4	70-127%
S3 = Toluene-D8	79-120%

Volatile Surrogate Recovery Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Surrogate Compounds	Recovery Limits
S4 = 4-Bromofluorobenzene	76-118%

New Jersey
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GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3624-MB1	UV91576.D	1	08/24/11	RP	n/a	n/a	GUV3624

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83666-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	77%	68-114%

Method Blank Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3624-MB2	UV91586.D	1	08/24/11	RP	n/a	n/a	GUV3624

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83666-3, JA83666-4, JA83666-5, JA83666-6, JA83666-12, JA83666-13

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	79%	68-114%

Method Blank Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3624-MB3	UV91597.D	1	08/24/11	RP	n/a	n/a	GUV3624

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83666-1, JA83666-7, JA83666-8, JA83666-9, JA83666-10, JA83666-11

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	81%	68-114%

Blank Spike Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3624-BS	UV91584.D	1	08/24/11	RP	n/a	n/a	GUV3624

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83666-1, JA83666-2, JA83666-3, JA83666-4, JA83666-5, JA83666-6, JA83666-7, JA83666-8, JA83666-9, JA83666-10, JA83666-11, JA83666-12, JA83666-13

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	8.63	108	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	106%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83666-2MS	UV91582.D	1	08/24/11	RP	n/a	n/a	GUV3624
JA83666-2MSD	UV91583.D	1	08/24/11	RP	n/a	n/a	GUV3624
JA83666-2	UV91577.D	1	08/24/11	RP	n/a	n/a	GUV3624

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83666-1, JA83666-2, JA83666-3, JA83666-4, JA83666-5, JA83666-6, JA83666-7, JA83666-8, JA83666-9, JA83666-10, JA83666-11, JA83666-12, JA83666-13

CAS No.	Compound	JA83666-2 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		8	8.62	108	8.41	105	2	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA83666-2	Limits
98-08-8	aaa-Trifluorotoluene	96%	96%	76%	68-114%

Volatile Surrogate Recovery Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
JA83666-1	UV91603.D	80.0
JA83666-2	UV91577.D	76.0
JA83666-3	UV91587.D	80.0
JA83666-4	UV91588.D	80.0
JA83666-5	UV91589.D	78.0
JA83666-6	UV91590.D	78.0
JA83666-7	UV91601.D	80.0
JA83666-8	UV91602.D	78.0
JA83666-9	UV91599.D	79.0
JA83666-10	UV91598.D	81.0
JA83666-11	UV91600.D	80.0
JA83666-12	UV91591.D	80.0
JA83666-13	UV91592.D	79.0
GUV3624-BS	UV91584.D	106.0
GUV3624-MB1	UV91576.D	77.0
GUV3624-MB2	UV91586.D	79.0
GUV3624-MB3	UV91597.D	81.0
JA83666-2MS	UV91582.D	96.0
JA83666-2MSD	UV91583.D	96.0

Surrogate Compounds	Recovery Limits
S1 = aaa-Trifluorotoluene	68-114%

(a) Recovery from GC signal #1

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GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51344-MB1	3Z33990.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83666-1, JA83666-2, JA83666-3, JA83666-4, JA83666-5, JA83666-6, JA83666-7, JA83666-8, JA83666-9, JA83666-10, JA83666-11, JA83666-12, JA83666-13

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	87%	34-131%
16416-32-3	Tetracosane-d50	82%	15-119%
438-22-2	5a-Androstane	84%	11-119%

Blank Spike Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51344-BS1	3Z33991.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83666-1, JA83666-2, JA83666-3, JA83666-4, JA83666-5, JA83666-6, JA83666-7, JA83666-8, JA83666-9, JA83666-10, JA83666-11, JA83666-12, JA83666-13

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-DRO (C10-C28)	1	0.654	65	36-118

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	79%	34-131%
16416-32-3	Tetracosane-d50	68%	15-119%
438-22-2	5a-Androstane	65%	11-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51344-MS	3Z34111.D	1	08/31/11	VDT	08/17/11	OP51344	G3Z1046
OP51344-MSD	3Z34112.D	1	08/31/11	VDT	08/17/11	OP51344	G3Z1046
JA83666-1	3Z33992.D	1	08/27/11	VDT	08/17/11	OP51344	G3Z1043

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83666-1, JA83666-2, JA83666-3, JA83666-4, JA83666-5, JA83666-6, JA83666-7, JA83666-8, JA83666-9, JA83666-10, JA83666-11, JA83666-12, JA83666-13

CAS No.	Compound	JA83666-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	ND		2.11	1.97	94	1.91	91	3	10-132/38

CAS No.	Surrogate Recoveries	MS	MSD	JA83666-1	Limits
84-15-1	o-Terphenyl	79%	75%	85%	34-131%
16416-32-3	Tetracosane-d50	77%	75%	78%	15-119%
438-22-2	5a-Androstane	80%	78%	79%	11-119%

Semivolatile Surrogate Recovery Summary

Job Number: JA83666
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S2 [a]	S3 [a]
JA83666-1	3Z33992.D	85.0	78.0	79.0
JA83666-2	3Z33993.D	65.0	69.0	69.0
JA83666-3	3Z33994.D	78.0	72.0	76.0
JA83666-4	3Z33995.D	87.0	80.0	83.0
JA83666-5	3Z33996.D	85.0	83.0	81.0
JA83666-6	3Z33999.D	50.0	47.0	50.0
JA83666-7	3Z34000.D	88.0	83.0	84.0
JA83666-8	3Z34001.D	80.0	75.0	76.0
JA83666-9	3Z34002.D	90.0	88.0	85.0
JA83666-10	3Z34003.D	74.0	69.0	63.0
JA83666-11	3Z34004.D	70.0	64.0	71.0
JA83666-12	3Z34005.D	81.0	74.0	75.0
JA83666-13	3Z34006.D	91.0	88.0	87.0
OP51344-BS1	3Z33991.D	79.0	68.0	65.0
OP51344-MB1	3Z33990.D	87.0	82.0	84.0
OP51344-MS	3Z34111.D	79.0	77.0	80.0
OP51344-MSD	3Z34112.D	75.0	75.0	78.0

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	34-131%
S2 = Tetracosane-d50	15-119%
S3 = 5a-Androstane	11-119%

(a) Recovery from GC signal #1

New Jersey
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08/31/11

Technical Report for

Shell Oil Products US

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

INC#97436977

Accutest Job Number: JA83667

Sampling Date: 08/12/11

Report to:

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Total number of pages in report: **56**

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Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
VP, Laboratory Director

Client Service contact: Marty Vitanza 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

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Accutest Laboratories

Sample Summary

Shell Oil Products US

Job No: JA83667

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD
Project No: INC#97436977

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA83667-1	08/12/11	09:00	JA	08/13/11	DW	Drinking Water	611 BRYANTS NURSERY
JA83667-2	08/12/11	08:00	JA	08/13/11	DW	Drinking Water	650 BRYANTS NURSERY
JA83667-3	08/12/11	08:30	JA	08/13/11	DW	Drinking Water	661 BRYANTS NURSERY
JA83667-4	08/12/11	11:00	JA	08/13/11	DW	Drinking Water	700 BRYANTS NURSERY

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Shell Oil Products US	**Job No**	JA83667
Site:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Sprin	**Report Date**	8/31/2011 9:34:35 AM

On 08/13/2011, 4 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 2 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA83667 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method EPA 524.2 REV 4.1

Matrix: AQ **Batch ID:** V1B2721

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83667-1MS, JA83667-2DUP were used as the QC samples indicated.

Volatiles by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** GUV3623

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA84205-9MS, JA84205-9MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** OP51328

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83536-1MS, JA83536-1MSD were used as the QC samples indicated.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

New Jersey

ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	611 BRYANTS NURSERY		
Lab Sample ID:	JA83667-1	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B59218.D	1	08/16/11	MFH	n/a	n/a	V1B2721
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.5	ug/l	
78-93-3	2-Butanone	ND		5.0	0.91	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.034	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.086	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.15	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.063	ug/l	
75-25-2	Bromoform	ND		0.50	0.11	ug/l	
74-83-9	Bromomethane	ND		0.50	0.21	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.086	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.19	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.052	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.042	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.067	ug/l	
75-00-3	Chloroethane	ND		0.50	0.22	ug/l	
67-66-3	Chloroform	ND		0.50	0.075	ug/l	
74-87-3	Chloromethane	ND		0.50	0.082	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.093	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.058	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.086	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.072	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.13	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.069	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.073	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.12	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.073	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.18	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.092	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.12	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.049	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	611 BRYANTS NURSERY		
Lab Sample ID:	JA83667-1	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.069	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.062	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.14	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.085	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.051	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.20	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.076	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.077	ug/l	
110-54-3	Hexane	ND		0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.37	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.096	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.13	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.058	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.28	ug/l	
91-20-3	Naphthalene	ND		0.50	0.12	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.064	ug/l	
100-42-5	Styrene	0.058	100	0.50	0.052	ug/l	J
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.14	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.065	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.078	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.12	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.058	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.24	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.14	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.089	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.085	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.067	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.083	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.13	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.12	ug/l	
	m,p-Xylene	ND		1.0	0.26	ug/l	
95-47-6	o-Xylene	ND		0.50	0.044	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.044	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	611 BRYANTS NURSERY		
Lab Sample ID:	JA83667-1	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	99%		78-114%
460-00-4	4-Bromofluorobenzene	93%		77-115%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	611 BRYANTS NURSERY		
Lab Sample ID:	JA83667-1	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91565.D	1	08/23/11	RP	n/a	n/a	GUV3623
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND		0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	80%		68-114%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	611 BRYANTS NURSERY		
Lab Sample ID:	JA83667-1	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64979.D	1	08/30/11	VDT	08/16/11	OP51328	GZZ2204
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND		0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	109%		34-131%
16416-32-3	Tetracosane-d50	105%		15-119%
438-22-2	5a-Androstane	98%		11-119%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	650 BRYANTS NURSERY		
Lab Sample ID:	JA83667-2	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B59219.D	1	08/16/11	MFH	n/a	n/a	V1B2721
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.5	ug/l	
78-93-3	2-Butanone	ND		5.0	0.91	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.034	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.086	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.15	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.063	ug/l	
75-25-2	Bromoform	ND		0.50	0.11	ug/l	
74-83-9	Bromomethane	ND		0.50	0.21	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.086	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.19	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.052	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.042	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.067	ug/l	
75-00-3	Chloroethane	ND		0.50	0.22	ug/l	
67-66-3	Chloroform	ND		0.50	0.075	ug/l	
74-87-3	Chloromethane	ND		0.50	0.082	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.093	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.058	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.086	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.072	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.13	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.069	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.073	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.12	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.073	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.18	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.092	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.12	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.049	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	650 BRYANTS NURSERY		
Lab Sample ID:	JA83667-2	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.069	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.062	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.14	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.085	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.051	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.20	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.076	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.077	ug/l	
110-54-3	Hexane	ND		0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.37	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.096	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.13	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.52		0.50	0.058	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.28	ug/l	
91-20-3	Naphthalene	ND		0.50	0.12	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.064	ug/l	
100-42-5	Styrene	ND	100	0.50	0.052	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.14	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.065	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.078	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.12	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.058	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.24	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.14	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.089	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.085	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.067	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.083	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.13	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.12	ug/l	
	m,p-Xylene	ND		1.0	0.26	ug/l	
95-47-6	o-Xylene	ND		0.50	0.044	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.044	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	650 BRYANTS NURSERY		
Lab Sample ID:	JA83667-2	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	101%		78-114%
460-00-4	4-Bromofluorobenzene	92%		77-115%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	650 BRYANTS NURSERY		
Lab Sample ID:	JA83667-2	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91566.D	1	08/23/11	RP	n/a	n/a	GUV3623
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND		0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	79%		68-114%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	650 BRYANTS NURSERY		
Lab Sample ID:	JA83667-2	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64980.D	1	08/30/11	VDT	08/16/11	OP51328	GZZ2204
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND		0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	101%		34-131%
16416-32-3	Tetracosane-d50	97%		15-119%
438-22-2	5a-Androstane	91%		11-119%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	661 BRYANTS NURSERY		
Lab Sample ID:	JA83667-3	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B59220.D	1	08/16/11	MFH	n/a	n/a	V1B2721
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.5	ug/l	
78-93-3	2-Butanone	ND		5.0	0.91	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.034	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.086	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.15	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.063	ug/l	
75-25-2	Bromoform	ND		0.50	0.11	ug/l	
74-83-9	Bromomethane	ND		0.50	0.21	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.086	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.19	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.052	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.042	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.067	ug/l	
75-00-3	Chloroethane	ND		0.50	0.22	ug/l	
67-66-3	Chloroform	0.16		0.50	0.075	ug/l	J
74-87-3	Chloromethane	ND		0.50	0.082	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.093	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.058	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.086	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.072	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.13	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.069	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.073	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.12	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.073	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.18	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.092	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.12	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.049	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	661 BRYANTS NURSERY		
Lab Sample ID:	JA83667-3	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.069	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.062	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.14	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.085	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.051	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.20	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.076	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.077	ug/l	
110-54-3	Hexane	ND		0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.37	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.096	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.13	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.13		0.50	0.058	ug/l	J
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.28	ug/l	
91-20-3	Naphthalene	ND		0.50	0.12	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.064	ug/l	
100-42-5	Styrene	ND	100	0.50	0.052	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.14	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.065	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.078	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.12	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.058	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.24	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.14	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.089	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.085	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.067	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.083	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.13	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.12	ug/l	
	m,p-Xylene	ND		1.0	0.26	ug/l	
95-47-6	o-Xylene	ND		0.50	0.044	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.044	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	661 BRYANTS NURSERY		
Lab Sample ID:	JA83667-3	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	103%		78-114%
460-00-4	4-Bromofluorobenzene	92%		77-115%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	661 BRYANTS NURSERY		
Lab Sample ID:	JA83667-3	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91567.D	1	08/23/11	RP	n/a	n/a	GUV3623
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND		0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	79%		68-114%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	661 BRYANTS NURSERY		
Lab Sample ID:	JA83667-3	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64921.D	1	08/27/11	VDT	08/16/11	OP51328	GZZ2202
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND		0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	90%		34-131%
16416-32-3	Tetracosane-d50	91%		15-119%
438-22-2	5a-Androstane	80%		11-119%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	700 BRYANTS NURSERY		
Lab Sample ID:	JA83667-4	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B59221.D	1	08/16/11	MFH	n/a	n/a	V1B2721
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.5	ug/l	
78-93-3	2-Butanone	ND		5.0	0.91	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.034	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.086	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.15	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.063	ug/l	
75-25-2	Bromoform	ND		0.50	0.11	ug/l	
74-83-9	Bromomethane	ND		0.50	0.21	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.086	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.19	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.052	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.042	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.067	ug/l	
75-00-3	Chloroethane	ND		0.50	0.22	ug/l	
67-66-3	Chloroform	ND		0.50	0.075	ug/l	
74-87-3	Chloromethane	ND		0.50	0.082	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.093	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.058	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.086	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.072	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.13	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.069	ug/l	
107-06-2	1,2-Dichloroethane	0.25	5.0	0.50	0.073	ug/l	J
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.12	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.073	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.18	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.092	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.12	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.049	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	700 BRYANTS NURSERY		
Lab Sample ID:	JA83667-4	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.069	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.062	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.14	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.085	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.051	ug/l	
108-20-3	Di-Isopropyl ether	0.11		0.50	0.10	ug/l	J
100-41-4	Ethylbenzene	ND	700	0.50	0.20	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.076	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.077	ug/l	
110-54-3	Hexane	ND		0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.37	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.096	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.13	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.99		0.50	0.058	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.28	ug/l	
91-20-3	Naphthalene	ND		0.50	0.12	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.064	ug/l	
100-42-5	Styrene	ND	100	0.50	0.052	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.14	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.065	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.078	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.12	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.058	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.24	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.14	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.089	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.085	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.067	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.083	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.13	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.12	ug/l	
	m,p-Xylene	ND		1.0	0.26	ug/l	
95-47-6	o-Xylene	ND		0.50	0.044	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.044	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	700 BRYANTS NURSERY		
Lab Sample ID:	JA83667-4	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	101%		78-114%
460-00-4	4-Bromofluorobenzene	91%		77-115%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	700 BRYANTS NURSERY		
Lab Sample ID:	JA83667-4	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91568.D	1	08/23/11	RP	n/a	n/a	GUV3623
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND		0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	78%		68-114%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	700 BRYANTS NURSERY		
Lab Sample ID:	JA83667-4	**Date Sampled:**	08/12/11
Matrix:	DW - Drinking Water	**Date Received:**	08/13/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64973.D	1	08/30/11	VDT	08/16/11	OP51328	GZZ2204
Run #2							

	Initial Volume	Final Volume
Run #1	930 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND		0.11	0.0038	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	108%		34-131%
16416-32-3	Tetracosane-d50	104%		15-119%
438-22-2	5a-Androstane	98%		11-119%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New Jersey

ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

DW

Shell Oil Products Chain Of Custody Record

JA83667

URS

LAB (LOCATION)
- [ ] XENCO ( )
- [ ] Test America ( )
- [x] OTHER ( )
  - [x] Lab Vendor # ( )
- [ ] SPL ( )

Lab Vendor #

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP #: 137675

[ ] CHECK IF NO INCIDENT # APPLIES

DATE: 8/12/11

PAGE: 1 of 2

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring

State: MD

GLOBAL ID NO.:

EDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers

PHONE NO.: 301-258-9780

E-MAIL: adriane_rogers@urscorp.com

CONSULTANT PROJECT NO.: 137675

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

SAMPLER NAME(S) (Print): J. Anthony

LAB USE ONLY

TELEPHONE: 301-258-9780

FAX: 301-869-6728

Bill To Contact E-MAIL: adriane_rogers@urscorp.com

TURNAROUND TIME (CALENDAR DAYS):
- [x] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [ ] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY:

DELIVERABLES: [ ] LEVEL 1 [x] LEVEL 2 [ ] LEVEL 3 [ ] LEVEL 4 [ ] OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1 | Cooler #2 | Cooler #3

SPECIAL INSTRUCTIONS OR NOTES:
- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED
- [ ] PROVIDE LEDD DISK

REQUESTED ANALYSIS

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes: UTC33 2294

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	Full List VOCs + oxy 5 (524.2) Drinking Water
	~~600 Bryants Nursery~~			DW							X	X	X
	~~601 Bryants Nursery~~			DW							X	X	X
	~~610 Bryants Nursery~~			DW							X	X	X
	611 Bryants Nursery -1	8/12	0900	DW						7	X	X	X
	~~621 Bryants Nursery~~			DW							X	X	X
	~~640 Bryants Nursery~~			DW							X	X	X
	650 Bryants Nursery -2	8/12	0800	DW						7	X	X	X
	~~651 Bryants Nursery~~			DW							X	X	X
	~~660 Bryants Nursery~~			DW							X	X	X
	661 Bryants Nursery -3	8/12	0800	DW						7	X	X	X

ALL SAMPLES RECEIVED INTACT AND IN GOOD CONDITION TM 8/13/11

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
J. Anthony	FedEx	8/12/11	1630
Fed		8/13/11	1030

05/2/06 Revision

TRK # 795758275946

2.0C
JHP

2A

TM

JA83667: Chain of Custody
Page 1 of 3

JA83667

Shell Oil Products Chain Of Custody Record

URS

LAB (LOCATION)
- [ ] XENCO ( )
- [ ] Test America ( )
- [x] OTHER ( )
  - [x] Lab Vendor # ( )
- [ ] SPL ( )

Lab Vendor #

Please Check Appropriate Box:

[x] ENV. SERVICES	[ ] MOTIVA RETAIL	[ ] SHELL RETAIL
[ ] MOTIVA SD&CM	[ ] CONSULTANT	[ ] LUBES
[ ] SHELL PIPELINE	[ ] OTHER	

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP # 137675

[ ] CHECK IF NO INCIDENT # APPLIES

DATE: 8/12/11

PAGE: 2 of 2

SAMPLING COMPANY: URS CORPORATION

LOG CODE

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

TELEPHONE: 301-258-9780 FAX: 301-869-8728 Bill To Contact E-MAIL: adriane_rogers@urscorp.com

TURNAROUND TIME (CALENDAR DAYS): [x] STANDARD (14 DAY) [ ] 5 DAYS [ ] 3 DAYS [ ] 2 DAYS [ ] 24 HOURS [ ] RESULTS NEEDED ON WEEKEND

[ ] LA - RWQCB REPORT FORMAT [ ] UST AGENCY:

DELIVERABLES: [ ] LEVEL 1 [x] LEVEL 2 [ ] LEVEL 3 [ ] LEVEL 4 [ ] OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1 Cooler #2 Cooler #3

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring State: MD GLOBAL ID NO.:

EDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers PHONE NO.: 301-258-9780 E-MAIL: adriane_rogers@urscorp.com CONSULTANT PROJECT NO.: 137675

SAMPLER NAME(S) (Print): J. Anthony

LAB USE ONLY

SPECIAL INSTRUCTIONS OR NOTES:
- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED
- [ ] PROVIDE EEDD DISK

REQUESTED ANALYSIS

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	Full List VOCs + oxy 5 (524.2) Drinking Water
	~~670 Bryants Nursery~~			DW							X	X	X
	700 Bryants Nursery -4	8/12	1100	DW						7	X	X	X
	~~700 Bryants Nursery~~			DW							X	X	X

TN 8/13/11

ALL SAMPLES RECEIVED INTACT AS APPLICABLE TN 8/13/11

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
J. Anthony	FedEx	8/12/11	1630
Fed		8/13/11	1034

05/2/06 Revision

2A

TN

Accutest Laboratories Sample Receipt Summary

Accutest Job Number JA83667 **Client:**

Date / Time Received: 8/13/2011 **Project:**

No. Coolers: 1 **Airbill #'s:** **Delivery Method:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA83667: Chain of Custody
Page 3 of 3

New Jersey

ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2721-MB1	1B59211.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83667-1, JA83667-2, JA83667-3, JA83667-4

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.5	ug/l	
78-93-3	2-Butanone	ND	5.0	0.91	ug/l	
71-43-2	Benzene	ND	0.50	0.034	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.086	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.15	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.063	ug/l	
75-25-2	Bromoform	ND	0.50	0.11	ug/l	
74-83-9	Bromomethane	ND	0.50	0.21	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.086	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.19	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.052	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.042	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.067	ug/l	
75-00-3	Chloroethane	ND	0.50	0.22	ug/l	
67-66-3	Chloroform	ND	0.50	0.075	ug/l	
74-87-3	Chloromethane	ND	0.50	0.082	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.093	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.058	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.086	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.072	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.13	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.069	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.073	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.12	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.073	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.18	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.092	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.12	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	0.50	0.049	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.069	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.062	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.14	ug/l	

Method Blank Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2721-MB1	1B59211.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83667-1, JA83667-2, JA83667-3, JA83667-4

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.085	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.051	ug/l	
108-20-3	Di-Isopropyl ether	ND	0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.20	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND	0.50	0.076	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.077	ug/l	
110-54-3	Hexane	ND	0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND	2.0	0.37	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.096	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.13	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.058	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	0.50	0.12	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.064	ug/l	
100-42-5	Styrene	ND	0.50	0.052	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	0.50	0.14	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.065	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.078	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.10	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.12	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.058	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.24	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.14	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.089	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.19	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.085	ug/l	
108-88-3	Toluene	ND	0.50	0.067	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.083	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.13	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND	5.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.12	ug/l	
	m,p-Xylene	ND	1.0	0.26	ug/l	
95-47-6	o-Xylene	ND	0.50	0.044	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.044	ug/l	

Method Blank Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2721-MB1	1B59211.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83667-1, JA83667-2, JA83667-3, JA83667-4

CAS No.	Surrogate Recoveries		Limits
2199-69-1	1,2-Dichlorobenzene-d4	102%	78-114%
460-00-4	4-Bromofluorobenzene	93%	77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2721-BS	1B59212.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83667-1, JA83667-2, JA83667-3, JA83667-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	20	19.6	98	70-130
78-93-3	2-Butanone	20	20.3	102	70-130
71-43-2	Benzene	5	4.3	86	70-130
108-86-1	Bromobenzene	5	4.7	94	70-130
74-97-5	Bromochloromethane	5	4.8	96	70-130
75-27-4	Bromodichloromethane	5	4.3	86	70-130
75-25-2	Bromoform	5	4.4	88	70-130
74-83-9	Bromomethane	2	1.9	95	70-130
104-51-8	n-Butylbenzene	5	4.4	88	70-130
135-98-8	sec-Butylbenzene	5	4.5	90	70-130
98-06-6	tert-Butylbenzene	5	4.4	88	70-130
75-15-0	Carbon disulfide	5	4.0	80	70-130
108-90-7	Chlorobenzene	5	4.5	90	70-130
75-00-3	Chloroethane	2	1.9	95	70-130
67-66-3	Chloroform	5	4.2	84	70-130
74-87-3	Chloromethane	2	1.6	80	70-130
95-49-8	o-Chlorotoluene	5	4.6	92	70-130
106-43-4	p-Chlorotoluene	5	4.3	86	70-130
56-23-5	Carbon tetrachloride	5	4.1	82	70-130
75-34-3	1,1-Dichloroethane	5	4.2	84	70-130
75-35-4	1,1-Dichloroethylene	5	4.0	80	70-130
563-58-6	1,1-Dichloropropene	5	4.1	82	70-130
96-12-8	1,2-Dibromo-3-chloropropane	5	4.7	94	70-130
106-93-4	1,2-Dibromoethane	5	4.6	92	70-130
107-06-2	1,2-Dichloroethane	5	4.3	86	70-130
78-87-5	1,2-Dichloropropane	5	4.3	86	70-130
142-28-9	1,3-Dichloropropane	5	4.5	90	70-130
594-20-7	2,2-Dichloropropane	5	3.9	78	70-130
124-48-1	Dibromochloromethane	5	4.5	90	70-130
74-95-3	Dibromomethane	5	4.5	90	70-130
75-71-8	Dichlorodifluoromethane	2	1.4	70	70-130
541-73-1	m-Dichlorobenzene	5	4.7	94	70-130
95-50-1	o-Dichlorobenzene	5	4.8	96	70-130
106-46-7	p-Dichlorobenzene	5	4.8	96	70-130
156-60-5	trans-1,2-Dichloroethylene	5	4.0	80	70-130
156-59-2	cis-1,2-Dichloroethylene	5	4.4	88	70-130

Blank Spike Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2721-BS	1B59212.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83667-1, JA83667-2, JA83667-3, JA83667-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-01-5	cis-1,3-Dichloropropene	5	4.3	86	70-130
10061-02-6	trans-1,3-Dichloropropene	5	4.4	88	70-130
108-20-3	Di-Isopropyl ether	5	4.3	86	70-130
100-41-4	Ethylbenzene	5	4.2	84	70-130
637-92-3	Ethyl tert Butyl Ether	5	4.7	94	70-130
87-68-3	Hexachlorobutadiene	5	4.7	94	70-130
110-54-3	Hexane	5	4.6	92	70-130
591-78-6	2-Hexanone	20	18.3	92	70-130
98-82-8	Isopropylbenzene	5	4.3	86	70-130
99-87-6	p-Isopropyltoluene	5	4.5	90	70-130
75-09-2	Methylene chloride	5	4.3	86	70-130
1634-04-4	Methyl Tert Butyl Ether	10	9.1	91	70-130
108-10-1	4-Methyl-2-pentanone	20	18.9	95	70-130
91-20-3	Naphthalene	5	5.4	108	70-130
103-65-1	n-Propylbenzene	5	4.4	88	70-130
100-42-5	Styrene	5	4.1	82	70-130
994-05-8	tert-Amyl Methyl Ether	5	4.8	96	70-130
630-20-6	1,1,1,2-Tetrachloroethane	5	4.5	90	70-130
71-55-6	1,1,1-Trichloroethane	5	4.1	82	70-130
79-34-5	1,1,2,2-Tetrachloroethane	5	4.8	96	70-130
79-00-5	1,1,2-Trichloroethane	5	4.6	92	70-130
87-61-6	1,2,3-Trichlorobenzene	5	5.3	106	70-130
96-18-4	1,2,3-Trichloropropane	5	4.8	96	70-130
120-82-1	1,2,4-Trichlorobenzene	5	5.1	102	70-130
95-63-6	1,2,4-Trimethylbenzene	5	4.5	90	70-130
108-67-8	1,3,5-Trimethylbenzene	5	4.4	88	70-130
127-18-4	Tetrachloroethylene	5	4.4	88	70-130
108-88-3	Toluene	5	4.4	88	70-130
79-01-6	Trichloroethylene	5	4.2	84	70-130
75-69-4	Trichlorofluoromethane	2	1.6	80	70-130
75-65-0	Tertiary Butyl Alcohol	25	26.6	106	70-130
75-01-4	Vinyl chloride	2	1.5	75	70-130
	m,p-Xylene	10	8.9	89	70-130
95-47-6	o-Xylene	5	4.4	88	70-130
1330-20-7	Xylenes (total)	15	13.3	89	70-130

Blank Spike Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2721-BS	1B59212.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83667-1, JA83667-2, JA83667-3, JA83667-4

CAS No.	Surrogate Recoveries	BSP	Limits
2199-69-1	1,2-Dichlorobenzene-d4	107%	78-114%
460-00-4	4-Bromofluorobenzene	95%	77-115%

Matrix Spike Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83667-1MS	1B59222.D	1	08/16/11	MFH	n/a	n/a	V1B2721
JA83667-1	1B59218.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83667-1, JA83667-2, JA83667-3, JA83667-4

CAS No.	Compound	JA83667-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
67-64-1	Acetone	ND		20	17.9	90	41-142
78-93-3	2-Butanone	ND		20	17.7	89	55-129
71-43-2	Benzene	ND		5	3.9	78	53-138
108-86-1	Bromobenzene	ND		5	3.9	78	54-138
74-97-5	Bromochloromethane	ND		5	4.2	84	55-140
75-27-4	Bromodichloromethane	ND		5	3.7	74	57-147
75-25-2	Bromoform	ND		5	3.4	68	47-137
74-83-9	Bromomethane	ND		2	1.9	95	40-162
104-51-8	n-Butylbenzene	ND		5	4.0	80	45-144
135-98-8	sec-Butylbenzene	ND		5	4.0	80	46-145
98-06-6	tert-Butylbenzene	ND		5	3.8	76	48-141
75-15-0	Carbon disulfide	ND		5	3.5	70	35-127
108-90-7	Chlorobenzene	ND		5	3.9	78	54-135
75-00-3	Chloroethane	ND		2	2.0	100	38-153
67-66-3	Chloroform	ND		5	3.8	76	57-151
74-87-3	Chloromethane	ND		2	1.6	80	39-165
95-49-8	o-Chlorotoluene	ND		5	3.9	78	55-142
106-43-4	p-Chlorotoluene	ND		5	3.7	74	55-139
56-23-5	Carbon tetrachloride	ND		5	4.5	90	49-170
75-34-3	1,1-Dichloroethane	ND		5	3.9	78	55-149
75-35-4	1,1-Dichloroethylene	ND		5	4.4	88	42-142
563-58-6	1,1-Dichloropropene	ND		5	4.2	84	46-151
96-12-8	1,2-Dibromo-3-chloropropane	ND		5	4.3	86	48-141
106-93-4	1,2-Dibromoethane	ND		5	4.0	80	57-135
107-06-2	1,2-Dichloroethane	ND		5	3.6	72	59-166
78-87-5	1,2-Dichloropropane	ND		5	3.7	74	53-142
142-28-9	1,3-Dichloropropane	ND		5	3.9	78	58-143
594-20-7	2,2-Dichloropropane	ND		5	4.1	82	38-165
124-48-1	Dibromochloromethane	ND		5	3.6	72	55-138
74-95-3	Dibromomethane	ND		5	3.9	78	61-144
75-71-8	Dichlorodifluoromethane	ND		2	2.4	120	23-172
541-73-1	m-Dichlorobenzene	ND		5	3.9	78	53-138
95-50-1	o-Dichlorobenzene	ND		5	4.0	80	54-140
106-46-7	p-Dichlorobenzene	ND		5	3.9	78	53-137
156-60-5	trans-1,2-Dichloroethylene	ND		5	3.9	78	47-148
156-59-2	cis-1,2-Dichloroethylene	ND		5	4.0	80	51-146

Matrix Spike Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83667-1MS	1B59222.D	1	08/16/11	MFH	n/a	n/a	V1B2721
JA83667-1	1B59218.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83667-1, JA83667-2, JA83667-3, JA83667-4

CAS No.	Compound	JA83667-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
10061-01-5	cis-1,3-Dichloropropene	ND		5	3.6	72	51-136
10061-02-6	trans-1,3-Dichloropropene	ND		5	3.7	74	54-142
108-20-3	Di-Isopropyl ether	ND		5	4.1	82	38-142
100-41-4	Ethylbenzene	ND		5	3.8	76	51-138
637-92-3	Ethyl tert Butyl Ether	ND		5	4.2	84	49-134
87-68-3	Hexachlorobutadiene	ND		5	4.4	88	40-154
110-54-3	Hexane	ND		5	6.5	130	22-142
591-78-6	2-Hexanone	ND		20	16.4	82	53-128
98-82-8	Isopropylbenzene	ND		5	3.9	78	49-139
99-87-6	p-Isopropyltoluene	ND		5	3.9	78	45-141
75-09-2	Methylene chloride	ND		5	3.7	74	54-137
1634-04-4	Methyl Tert Butyl Ether	ND		5	3.7	74	53-143
108-10-1	4-Methyl-2-pentanone	ND		20	15.6	78	58-127
91-20-3	Naphthalene	ND		5	4.4	88	44-140
103-65-1	n-Propylbenzene	ND		5	3.9	78	50-142
100-42-5	Styrene	0.058	J	5	3.4	67	23-130
994-05-8	tert-Amyl Methyl Ether	ND		5	4.3	86	51-125
630-20-6	1,1,1,2-Tetrachloroethane	ND		5	4.0	80	57-144
71-55-6	1,1,1-Trichloroethane	ND		5	4.1	82	52-164
79-34-5	1,1,2,2-Tetrachloroethane	ND		5	4.1	82	58-138
79-00-5	1,1,2-Trichloroethane	ND		5	3.9	78	59-139
87-61-6	1,2,3-Trichlorobenzene	ND		5	4.1	82	47-141
96-18-4	1,2,3-Trichloropropane	ND		5	4.2	84	56-148
120-82-1	1,2,4-Trichlorobenzene	ND		5	4.0	80	46-137
95-63-6	1,2,4-Trimethylbenzene	ND		5	3.7	74	41-138
108-67-8	1,3,5-Trimethylbenzene	ND		5	3.7	74	45-138
127-18-4	Tetrachloroethylene	ND		5	4.4	88	45-145
108-88-3	Toluene	ND		5	4.0	80	52-134
79-01-6	Trichloroethylene	ND		5	4.0	80	54-143
75-69-4	Trichlorofluoromethane	ND		2	2.3	115	36-167
75-65-0	Tertiary Butyl Alcohol	ND		25	21.9	88	61-132
75-01-4	Vinyl chloride	ND		2	1.8	90	35-162
	m,p-Xylene	ND		10	7.8	78	49-135
95-47-6	o-Xylene	ND		5	3.8	76	49-134
1330-20-7	Xylenes (total)	ND		15	11.7	78	50-134

Matrix Spike Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83667-1MS	1B59222.D	1	08/16/11	MFH	n/a	n/a	V1B2721
JA83667-1	1B59218.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83667-1, JA83667-2, JA83667-3, JA83667-4

CAS No.	Surrogate Recoveries	MS	JA83667-1	Limits
2199-69-1	1,2-Dichlorobenzene-d4	107%	99%	78-114%
460-00-4	4-Bromofluorobenzene	96%	93%	77-115%

Duplicate Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83667-2DUP	1B59223.D	1	08/16/11	MFH	n/a	n/a	V1B2721
JA83667-2	1B59219.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83667-1, JA83667-2, JA83667-3, JA83667-4

CAS No.	Compound	JA83667-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
67-64-1	Acetone	ND		ND		nc	10
78-93-3	2-Butanone	ND		ND		nc	12
71-43-2	Benzene	ND		ND		nc	10
108-86-1	Bromobenzene	ND		ND		nc	10
74-97-5	Bromochloromethane	ND		ND		nc	10
75-27-4	Bromodichloromethane	ND		ND		nc	10
75-25-2	Bromoform	ND		ND		nc	10
74-83-9	Bromomethane	ND		ND		nc	10
104-51-8	n-Butylbenzene	ND		ND		nc	10
135-98-8	sec-Butylbenzene	ND		ND		nc	10
98-06-6	tert-Butylbenzene	ND		ND		nc	10
75-15-0	Carbon disulfide	ND		ND		nc	19
108-90-7	Chlorobenzene	ND		ND		nc	10
75-00-3	Chloroethane	ND		ND		nc	10
67-66-3	Chloroform	ND		ND		nc	12
74-87-3	Chloromethane	ND		ND		nc	10
95-49-8	o-Chlorotoluene	ND		ND		nc	10
106-43-4	p-Chlorotoluene	ND		ND		nc	10
56-23-5	Carbon tetrachloride	ND		ND		nc	10
75-34-3	1,1-Dichloroethane	ND		ND		nc	10
75-35-4	1,1-Dichloroethylene	ND		ND		nc	10
563-58-6	1,1-Dichloropropene	ND		ND		nc	10
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	10
106-93-4	1,2-Dibromoethane	ND		ND		nc	10
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
78-87-5	1,2-Dichloropropane	ND		ND		nc	10
142-28-9	1,3-Dichloropropane	ND		ND		nc	10
594-20-7	2,2-Dichloropropane	ND		ND		nc	10
124-48-1	Dibromochloromethane	ND		ND		nc	10
74-95-3	Dibromomethane	ND		ND		nc	10
75-71-8	Dichlorodifluoromethane	ND		ND		nc	10
541-73-1	m-Dichlorobenzene	ND		ND		nc	10
95-50-1	o-Dichlorobenzene	ND		ND		nc	10
106-46-7	p-Dichlorobenzene	ND		ND		nc	10
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	10

Duplicate Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83667-2DUP	1B59223.D	1	08/16/11	MFH	n/a	n/a	V1B2721
JA83667-2	1B59219.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83667-1, JA83667-2, JA83667-3, JA83667-4

CAS No.	Compound	JA83667-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	10
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	10
108-20-3	Di-Isopropyl ether	ND		ND		nc	10
100-41-4	Ethylbenzene	ND		ND		nc	10
637-92-3	Ethyl tert Butyl Ether	ND		ND		nc	10
87-68-3	Hexachlorobutadiene	ND		ND		nc	10
110-54-3	Hexane	ND		ND		nc	10
591-78-6	2-Hexanone	ND		ND		nc	10
98-82-8	Isopropylbenzene	ND		ND		nc	10
99-87-6	p-Isopropyltoluene	ND		ND		nc	10
75-09-2	Methylene chloride	ND		ND		nc	10
1634-04-4	Methyl Tert Butyl Ether	0.52		0.49	J	6	10
108-10-1	4-Methyl-2-pentanone	ND		ND		nc	10
91-20-3	Naphthalene	ND		ND		nc	10
103-65-1	n-Propylbenzene	ND		ND		nc	10
100-42-5	Styrene	ND		ND		nc	10
994-05-8	tert-Amyl Methyl Ether	ND		ND		nc	10
630-20-6	1,1,1,2-Tetrachloroethane	ND		ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	10
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	10
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	10
96-18-4	1,2,3-Trichloropropane	ND		ND		nc	10
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	10
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	10
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	10
127-18-4	Tetrachloroethylene	ND		ND		nc	10
108-88-3	Toluene	ND		ND		nc	10
79-01-6	Trichloroethylene	ND		ND		nc	10
75-69-4	Trichlorofluoromethane	ND		ND		nc	10
75-65-0	Tertiary Butyl Alcohol	ND		ND		nc	10
75-01-4	Vinyl chloride	ND		ND		nc	10
	m,p-Xylene	ND		ND		nc	10
95-47-6	o-Xylene	ND		ND		nc	10
1330-20-7	Xylenes (total)	ND		ND		nc	10

Duplicate Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83667-2DUP	1B59223.D	1	08/16/11	MFH	n/a	n/a	V1B2721
JA83667-2	1B59219.D	1	08/16/11	MFH	n/a	n/a	V1B2721

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA83667-1, JA83667-2, JA83667-3, JA83667-4

CAS No.	Surrogate Recoveries	DUP	JA83667-2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	101%	101%	78-114%
460-00-4	4-Bromofluorobenzene	92%	92%	77-115%

Instrument Performance Check (BFB)

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V1B2664-BFB
Lab File ID: 1B57986.D
Instrument ID: GCMS1B
Injection Date: 07/11/11
Injection Time: 10:07

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	2284	19.5		Pass
75	30.0 - 80.0% of mass 95	5783	49.3		Pass
95	Base peak, 100% relative abundance	11724	100.0		Pass
96	5.0 - 9.0% of mass 95	817	6.97		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	8514	72.6		Pass
175	5.0 - 9.0% of mass 174	659	5.62	(7.74) [a]	Pass
176	95.0 - 101.0% of mass 174	8315	70.9	(97.7) [a]	Pass
177	5.0 - 9.0% of mass 176	526	4.49	(6.33) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1B2664-IC2664	1B57987.D	07/11/11	10:39	00:32	Initial cal 0.5
V1B2664-IC2664	1B57988.D	07/11/11	11:11	01:04	Initial cal 1
V1B2664-IC2664	1B57990.D	07/11/11	12:15	02:08	Initial cal 5
V1B2664-ICC2664	1B57991.D	07/11/11	12:47	02:40	Initial cal 10
V1B2664-IC2664	1B57992.D	07/11/11	13:19	03:12	Initial cal 20
V1B2664-IC2664	1B57993.D	07/11/11	13:51	03:44	Initial cal 40
V1B2664-IC2664	1B57995.D	07/11/11	14:51	04:44	Initial cal 2
V1B2664-ICV2664	1B57996.D	07/11/11	15:34	05:27	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V1B2721-BFB
Lab File ID: 1B59209.D
Instrument ID: GCMS1B
Injection Date: 08/16/11
Injection Time: 09:18

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	2091	17.4		Pass
75	30.0 - 80.0% of mass 95	5686	47.2		Pass
95	Base peak, 100% relative abundance	12042	100.0		Pass
96	5.0 - 9.0% of mass 95	899	7.47		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	9903	82.2		Pass
175	5.0 - 9.0% of mass 174	715	5.94	(7.22) [a]	Pass
176	95.0 - 101.0% of mass 174	9540	79.2	(96.3) [a]	Pass
177	5.0 - 9.0% of mass 176	675	5.61	(7.08) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1B2721-CC2664	1B59210.D	08/16/11	09:50	00:32	Continuing cal 5
V1B2721-MB1	1B59211.D	08/16/11	10:30	01:12	Method Blank
V1B2721-BS	1B59212.D	08/16/11	11:07	01:49	Blank Spike
ZZZZZZ	1B59213.D	08/16/11	11:44	02:26	(unrelated sample)
ZZZZZZ	1B59214.D	08/16/11	12:16	02:58	(unrelated sample)
ZZZZZZ	1B59215.D	08/16/11	12:48	03:30	(unrelated sample)
ZZZZZZ	1B59216.D	08/16/11	13:20	04:02	(unrelated sample)
ZZZZZZ	1B59217.D	08/16/11	13:52	04:34	(unrelated sample)
JA83667-1	1B59218.D	08/16/11	14:24	05:06	611 BRYANTS NURSERY
JA83667-2	1B59219.D	08/16/11	14:56	05:38	650 BRYANTS NURSERY
JA83667-3	1B59220.D	08/16/11	15:28	06:10	661 BRYANTS NURSERY
JA83667-4	1B59221.D	08/16/11	16:00	06:42	700 BRYANTS NURSERY
JA83667-1MS	1B59222.D	08/16/11	16:32	07:14	Matrix Spike
JA83667-2DUP	1B59223.D	08/16/11	17:04	07:46	Duplicate
ZZZZZZ	1B59224.D	08/16/11	17:36	08:18	(unrelated sample)
ZZZZZZ	1B59225.D	08/16/11	18:08	08:50	(unrelated sample)
ZZZZZZ	1B59226.D	08/16/11	18:40	09:22	(unrelated sample)
ZZZZZZ	1B59227.D	08/16/11	19:12	09:54	(unrelated sample)
ZZZZZZ	1B59228.D	08/16/11	19:44	10:26	(unrelated sample)
ZZZZZZ	1B59229.D	08/16/11	20:16	10:58	(unrelated sample)
ZZZZZZ	1B59230.D	08/16/11	20:48	11:30	(unrelated sample)

Volatile Surrogate Recovery Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: EPA 524.2 REV 4.1 **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2
JA83667-1	1B59218.D	99.0	93.0
JA83667-2	1B59219.D	101.0	92.0
JA83667-3	1B59220.D	103.0	92.0
JA83667-4	1B59221.D	101.0	91.0
JA83667-1MS	1B59222.D	107.0	96.0
JA83667-2DUP	1B59223.D	101.0	92.0
V1B2721-BS	1B59212.D	107.0	95.0
V1B2721-MB1	1B59211.D	102.0	93.0

Surrogate Compounds	Recovery Limits
S1 = 1,2-Dichlorobenzene-d4	78-114%
S2 = 4-Bromofluorobenzene	77-115%

New Jersey

ACCUTEST LABORATORIES

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3623-MB3	UV91564.D	1	08/23/11	RP	n/a	n/a	GUV3623

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83667-1, JA83667-2, JA83667-3, JA83667-4

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	79%	68-114%

Method Blank Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3623-MB1	UV91544.D	1	08/23/11	RP	n/a	n/a	GUV3623

The QC reported here applies to the following samples: **Method:** SW846 8015C

GUV3623-BS, JA84205-9MS, JA84205-9MSD

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	84%	68-114%

Blank Spike Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3623-BS	UV91551.D	1	08/23/11	RP	n/a	n/a	GUV3623

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83667-1, JA83667-2, JA83667-3, JA83667-4

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	8.18	102	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	110%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA84205-9MS	UV91549.D	1	08/23/11	RP	n/a	n/a	GUV3623
JA84205-9MSD	UV91550.D	1	08/23/11	RP	n/a	n/a	GUV3623
JA84205-9	UV91545.D	1	08/23/11	RP	n/a	n/a	GUV3623

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83667-1, JA83667-2, JA83667-3, JA83667-4

CAS No.	Compound	JA84205-9 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		8	7.78	97	6.58	82	17	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA84205-9	Limits
98-08-8	aaa-Trifluorotoluene	105%	106%	83%	68-114%

Volatile Surrogate Recovery Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
JA83667-1	UV91565.D	80.0
JA83667-2	UV91566.D	79.0
JA83667-3	UV91567.D	79.0
JA83667-4	UV91568.D	78.0
GUV3623-BS	UV91551.D	110.0
GUV3623-MB3	UV91564.D	79.0
JA84205-9MS	UV91549.D	105.0
JA84205-9MSD	UV91550.D	106.0
GUV3623-MB1	UV91544.D	84.0

Surrogate Compounds	Recovery Limits
S1 = aaa-Trifluorotoluene	68-114%

(a) Recovery from GC signal #1

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GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51328-MB1	ZZ64887.D	1	08/26/11	VDT	08/16/11	OP51328	GZZ2201

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83667-1, JA83667-2, JA83667-3, JA83667-4

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	88%	34-131%
16416-32-3	Tetracosane-d50	76%	15-119%
438-22-2	5a-Androstane	66%	11-119%

Blank Spike Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51328-BS1	ZZ64888.D	1	08/26/11	VDT	08/16/11	OP51328	GZZ2201

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83667-1, JA83667-2, JA83667-3, JA83667-4

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-DRO (C10-C28)	1	0.618	62	36-118

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	75%	34-131%
16416-32-3	Tetracosane-d50	73%	15-119%
438-22-2	5a-Androstane	63%	11-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51328-MS	ZZ64923.D	1	08/27/11	VDT	08/16/11	OP51328	GZZ2202
OP51328-MSD	ZZ64924.D	1	08/27/11	VDT	08/16/11	OP51328	GZZ2202
JA83536-1	ZZ64889.D	1	08/26/11	VDT	08/16/11	OP51328	GZZ2201

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83667-1, JA83667-2, JA83667-3, JA83667-4

CAS No.	Compound	JA83536-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	ND		2	1.86	93	1.85	93	1	10-132/38

CAS No.	Surrogate Recoveries	MS	MSD	JA83536-1	Limits
84-15-1	o-Terphenyl	85%	88%	85%	34-131%
16416-32-3	Tetracosane-d50	87%	90%	85%	15-119%
438-22-2	5a-Androstane	80%	84%	74%	11-119%

Semivolatile Surrogate Recovery Summary

Job Number: JA83667
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S2 [a]	S3 [a]
JA83667-1	ZZ64979.D	109.0	105.0	98.0
JA83667-2	ZZ64980.D	101.0	97.0	91.0
JA83667-3	ZZ64921.D	90.0	91.0	80.0
JA83667-4	ZZ64973.D	108.0	104.0	98.0
OP51328-BS1	ZZ64888.D	75.0	73.0	63.0
OP51328-MB1	ZZ64887.D	88.0	76.0	66.0
OP51328-MS	ZZ64923.D	85.0	87.0	80.0
OP51328-MSD	ZZ64924.D	88.0	90.0	84.0

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	34-131%
S2 = Tetracosane-d50	15-119%
S3 = 5a-Androstane	11-119%

(a) Recovery from GC signal #1

New Jersey
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08/29/11

Technical Report for

Shell Oil Products US

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

INC#97436977

Accutest Job Number: JA83213

Sampling Date: 08/09/11

Report to:

URS Corporation
200 Orchard Ridge Drive Suite 101
Gaithersburg, MD 20878
jenna_anthony@urscorp.com; adriane_rogers@urscorp.com

ATTN: Jenna Anthony

Total number of pages in report: **126**

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Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
VP, Laboratory Director

Client Service contact: Marty Vitanza 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

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Accutest Laboratories

Sample Summary

Shell Oil Products US

Job No: JA83213

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD
Project No: INC#97436977

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA83213-1	08/09/11	12:38	RB	08/10/11	AQ	Ground Water	137675-RW-19
JA83213-2	08/09/11	12:40	RB	08/10/11	AQ	Ground Water	137675-RW-20
JA83213-3	08/09/11	12:42	RB	08/10/11	AQ	Ground Water	137675-RW-21
JA83213-4	08/09/11	12:44	RB	08/10/11	AQ	Ground Water	137675-RW-22
JA83213-5	08/09/11	12:46	RB	08/10/11	AQ	Ground Water	137675-RW-23
JA83213-6	08/09/11	14:40	RB	08/10/11	AQ	Ground Water	137675-750 BND
JA83213-7	08/09/11	14:35	RB	08/10/11	AQ	Ground Water	137675-750 BNR
JA83213-8	08/09/11	14:30	RB	08/10/11	AQ	Ground Water	137675-750 BNS
JA83213-9	08/09/11	11:35	RB	08/10/11	AQ	Ground Water	137675-730BND
JA83213-10	08/09/11	11:40	RB	08/10/11	AQ	Ground Water	137675-730BNS
JA83213-11	08/09/11	10:40	RB	08/10/11	AQ	Ground Water	710 BRYANTS NURSERY
JA83213-12	08/09/11	10:20	RB	08/10/11	AQ	Ground Water	711 BRYANTS NURSERY
JA83213-13	08/09/11	11:00	RB	08/10/11	AQ	Ground Water	720 BRYANTS NURSERY

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Sample Summary
(continued)

Shell Oil Products US

Job No: JA83213

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD
Project No: INC#97436977

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA83213-14	08/09/11	11:10	RB	08/10/11	AQ	Ground Water	721 BRYANTS NURSERY

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Shell Oil Products US	**Job No**	JA83213
Site:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Sprin	**Report Date**	8/29/2011 9:03:51 AM

On 08/10/2011, 14 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 3 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA83213 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** V2A4806

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA83213-7MS, JA83213-8DUP were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethene, 1,2-Dibromo-3-chloropropane, Acetone, Tetrachloroethene, Trichloroethene are outside control limits. Outside control limits due to matrix interference.
- RPD(s) for Duplicate for Acetone, Methyl Tert Butyl Ether, Methylene chloride are outside control limits for sample JA83213-8DUP. High RPD due to possible sample analyzed from different vials.
- JA83213-7: (pH=11)Sample pH did not satisfy field preservation criteria.
- JA83213-7MS: (pH=11)Sample pH did not satisfy field preservation criteria.

Matrix: AQ **Batch ID:** V2A4809

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83159-3MS, JA83159-3MSD were used as the QC samples indicated.

Matrix: AQ **Batch ID:** V2A4811

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83850-1MS, JA83850-1MSD were used as the QC samples indicated.

Volatiles by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** GUV3620

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83220-8MS, JA83220-8MSD were used as the QC samples indicated.

Matrix: AQ **Batch ID:** GUV3621

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA83213-14MS, JA83213-14MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GC By Method SW846 8015C

Matrix: AQ	**Batch ID:** OP51258

- All samples were extracted within the recommended method holding time.
- Sample(s) JA83213-1MS, JA83213-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

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Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	137675-RW-19		
Lab Sample ID:	JA83213-1	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A112744.D	1	08/16/11	HSS	n/a	n/a	V2A4806
Run #2	2A112745.D	10	08/16/11	HSS	n/a	n/a	V2A4806

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	3.0	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	0.27	1.0	0.21	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	6.0	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-19		
Lab Sample ID:	JA83213-1	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	0.32	2.0	0.19	ug/l	J
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	703 [a]	10	1.8	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	85.6	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	6.1	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	0.67	1.0	0.17	ug/l	J
1330-20-7	Xylene (total)	0.67	1.0	0.17	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%	110%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-19		
Lab Sample ID:	JA83213-1	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	103%	103%	70-127%
2037-26-5	Toluene-D8	106%	108%	79-120%
460-00-4	4-Bromofluorobenzene	98%	98%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-19		
Lab Sample ID:	JA83213-1	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91464.D	1	08/18/11	RP	n/a	n/a	GUV3620
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.827	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	83%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-19		
Lab Sample ID:	JA83213-1	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z19939.D	1	08/23/11	OPM	08/12/11	OP51258	G2Z850
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	95%		34-131%
16416-32-3	Tetracosane-d50	91%		15-119%
438-22-2	5a-Androstane	85%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-20		
Lab Sample ID:	JA83213-2	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A112746.D	5	08/16/11	HSS	n/a	n/a	V2A4806
Run #2	2A112829.D	50	08/17/11	HSS	n/a	n/a	V2A4809

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	38	ug/l	
71-43-2	Benzene	5.3	5.0	1.1	ug/l	
108-86-1	Bromobenzene	ND	25	0.91	ug/l	
74-97-5	Bromochloromethane	ND	25	2.0	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	1.1	ug/l	
75-25-2	Bromoform	ND	20	1.2	ug/l	
74-83-9	Bromomethane	ND	10	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	15	ug/l	
104-51-8	n-Butylbenzene	ND	25	1.7	ug/l	
135-98-8	sec-Butylbenzene	ND	25	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	25	1.2	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.97	ug/l	
108-90-7	Chlorobenzene	ND	5.0	1.1	ug/l	
75-00-3	Chloroethane	ND	5.0	1.8	ug/l	
67-66-3	Chloroform	ND	5.0	1.0	ug/l	
74-87-3	Chloromethane	ND	5.0	1.1	ug/l	
95-49-8	o-Chlorotoluene	ND	25	0.95	ug/l	
106-43-4	p-Chlorotoluene	ND	25	0.96	ug/l	
108-20-3	Di-Isopropyl ether	9.2	25	1.3	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	6.3	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	10	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.92	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.4	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.3	ug/l	
75-71-8	Dichlorodifluoromethane	ND	25	1.6	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	0.96	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.90	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	1.4	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	1.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	1.6	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.1	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-20		
Lab Sample ID:	JA83213-2	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	25	0.97	ug/l	
594-20-7	2,2-Dichloropropane	ND	25	1.3	ug/l	
563-58-6	1,1-Dichloropropene	ND	25	1.8	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.1	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.93	ug/l	
100-41-4	Ethylbenzene	ND	5.0	1.1	ug/l	
87-68-3	Hexachlorobutadiene	ND	25	1.2	ug/l	
98-82-8	Isopropylbenzene	ND	10	0.97	ug/l	
99-87-6	p-Isopropyltoluene	ND	25	0.94	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1840 [a]	50	9.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	25	6.1	ug/l	
74-95-3	Methylene bromide	ND	25	2.3	ug/l	
75-09-2	Methylene chloride	ND	10	1.0	ug/l	
91-20-3	Naphthalene	ND	25	3.4	ug/l	
103-65-1	n-Propylbenzene	ND	25	0.87	ug/l	
100-42-5	Styrene	ND	25	1.1	ug/l	
75-65-0	Tert Butyl Alcohol	212	130	9.3	ug/l	
994-05-8	tert-Amyl Methyl Ether	19.2	25	1.6	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	25	1.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	1.2	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.6	ug/l	
108-88-3	Toluene	ND	5.0	0.73	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	25	3.4	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	25	0.75	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.2	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.2	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.1	ug/l	
75-69-4	Trichlorofluoromethane	ND	25	1.8	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	25	2.7	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	25	0.90	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	25	1.1	ug/l	
75-01-4	Vinyl chloride	ND	5.0	1.3	ug/l	
	m,p-Xylene	ND	5.0	1.6	ug/l	
95-47-6	o-Xylene	ND	5.0	0.87	ug/l	
1330-20-7	Xylene (total)	ND	5.0	0.87	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%	109%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-20		
Lab Sample ID:	JA83213-2	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	104%	102%	70-127%
2037-26-5	Toluene-D8	109%	109%	79-120%
460-00-4	4-Bromofluorobenzene	98%	98%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-20		
Lab Sample ID:	JA83213-2	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91466.D	1	08/18/11	RP	n/a	n/a	GUV3620
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.82	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	82%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-20		
Lab Sample ID:	JA83213-2	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z19940.D	1	08/23/11	OPM	08/12/11	OP51258	G2Z850
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	83%		34-131%
16416-32-3	Tetracosane-d50	79%		15-119%
438-22-2	5a-Androstane	75%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-21		
Lab Sample ID:	JA83213-3	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A112747.D	1	08/16/11	HSS	n/a	n/a	V2A4806
Run #2	2A112748.D	10	08/16/11	HSS	n/a	n/a	V2A4806

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	3.9	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	7.6	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-21		
Lab Sample ID:	JA83213-3	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	674 [a]	10	1.8	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	0.82	5.0	0.68	ug/l	J
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	66.0	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	8.5	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	0.58	1.0	0.32	ug/l	J
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%	110%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-21		
Lab Sample ID:	JA83213-3	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%	103%	70-127%
2037-26-5	Toluene-D8	109%	108%	79-120%
460-00-4	4-Bromofluorobenzene	99%	98%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-21		
Lab Sample ID:	JA83213-3	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91463.D	1	08/18/11	RP	n/a	n/a	GUV3620
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.840	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	84%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-21		
Lab Sample ID:	JA83213-3	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z19941.D	1	08/23/11	OPM	08/12/11	OP51258	G2Z850
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	93%		34-131%
16416-32-3	Tetracosane-d50	89%		15-119%
438-22-2	5a-Androstane	85%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-22		
Lab Sample ID:	JA83213-4	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A112830.D	10	08/17/11	HSS	n/a	n/a	V2A4809
Run #2	2A112873.D	100	08/18/11	HSS	n/a	n/a	V2A4811

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	100	76	ug/l	
71-43-2	Benzene	5.3	10	2.2	ug/l	J
108-86-1	Bromobenzene	ND	50	1.8	ug/l	
74-97-5	Bromochloromethane	ND	50	4.0	ug/l	
75-27-4	Bromodichloromethane	ND	10	2.3	ug/l	
75-25-2	Bromoform	ND	40	2.4	ug/l	
74-83-9	Bromomethane	ND	20	3.1	ug/l	
78-93-3	2-Butanone (MEK)	ND	100	29	ug/l	
104-51-8	n-Butylbenzene	ND	50	3.3	ug/l	
135-98-8	sec-Butylbenzene	ND	50	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	50	2.4	ug/l	
56-23-5	Carbon tetrachloride	ND	10	1.9	ug/l	
108-90-7	Chlorobenzene	ND	10	2.2	ug/l	
75-00-3	Chloroethane	ND	10	3.7	ug/l	
67-66-3	Chloroform	ND	10	2.1	ug/l	
74-87-3	Chloromethane	ND	10	2.2	ug/l	
95-49-8	o-Chlorotoluene	ND	50	1.9	ug/l	
106-43-4	p-Chlorotoluene	ND	50	1.9	ug/l	
108-20-3	Di-Isopropyl ether	23.2	50	2.5	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	100	13	ug/l	
124-48-1	Dibromochloromethane	ND	10	2.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	20	2.1	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	10	1.8	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	10	2.9	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	10	2.6	ug/l	
75-71-8	Dichlorodifluoromethane	ND	50	3.1	ug/l	
75-34-3	1,1-Dichloroethane	ND	10	1.9	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	1.8	ug/l	
75-35-4	1,1-Dichloroethene	ND	10	2.8	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	10	2.2	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	10	3.1	ug/l	
78-87-5	1,2-Dichloropropane	ND	10	2.2	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-22		
Lab Sample ID:	JA83213-4	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	50	1.9	ug/l	
594-20-7	2,2-Dichloropropane	ND	50	2.6	ug/l	
563-58-6	1,1-Dichloropropene	ND	50	3.6	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	10	2.2	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	10	1.9	ug/l	
100-41-4	Ethylbenzene	ND	10	2.1	ug/l	
87-68-3	Hexachlorobutadiene	ND	50	2.3	ug/l	
98-82-8	Isopropylbenzene	ND	20	1.9	ug/l	
99-87-6	p-Isopropyltoluene	ND	50	1.9	ug/l	
1634-04-4	Methyl Tert Butyl Ether	5090 [a]	100	18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	50	12	ug/l	
74-95-3	Methylene bromide	ND	50	4.6	ug/l	
75-09-2	Methylene chloride	ND	20	2.0	ug/l	
91-20-3	Naphthalene	ND	50	6.8	ug/l	
103-65-1	n-Propylbenzene	ND	50	1.7	ug/l	
100-42-5	Styrene	ND	50	2.3	ug/l	
75-65-0	Tert Butyl Alcohol	1610	250	19	ug/l	
994-05-8	tert-Amyl Methyl Ether	86.6	50	3.3	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	50	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	2.4	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	10	3.2	ug/l	
108-88-3	Toluene	ND	10	1.5	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	50	6.9	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	50	1.5	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	10	2.4	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	10	2.3	ug/l	
79-01-6	Trichloroethene	ND	10	2.1	ug/l	
75-69-4	Trichlorofluoromethane	ND	50	3.5	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	50	5.4	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	50	1.8	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	50	2.3	ug/l	
75-01-4	Vinyl chloride	ND	10	2.7	ug/l	
	m,p-Xylene	ND	10	3.2	ug/l	
95-47-6	o-Xylene	ND	10	1.7	ug/l	
1330-20-7	Xylene (total)	ND	10	1.7	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%	111%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-22		
Lab Sample ID:	JA83213-4	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	103%	102%	70-127%
2037-26-5	Toluene-D8	110%	107%	79-120%
460-00-4	4-Bromofluorobenzene	97%	97%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-22		
Lab Sample ID:	JA83213-4	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91470.D	1	08/19/11	RP	n/a	n/a	GUV3620
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	4.64	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	82%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-22		
Lab Sample ID:	JA83213-4	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z19942.D	1	08/23/11	OPM	08/12/11	OP51258	G2Z850
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0036	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	94%		34-131%
16416-32-3	Tetracosane-d50	90%		15-119%
438-22-2	5a-Androstane	85%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-23		
Lab Sample ID:	JA83213-5	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A112831.D	5	08/17/11	HSS	n/a	n/a	V2A4809
Run #2	2A112750.D	50	08/16/11	HSS	n/a	n/a	V2A4806

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	38	ug/l	
71-43-2	Benzene	17.4	5.0	1.1	ug/l	
108-86-1	Bromobenzene	ND	25	0.91	ug/l	
74-97-5	Bromochloromethane	ND	25	2.0	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	1.1	ug/l	
75-25-2	Bromoform	ND	20	1.2	ug/l	
74-83-9	Bromomethane	ND	10	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	15	ug/l	
104-51-8	n-Butylbenzene	ND	25	1.7	ug/l	
135-98-8	sec-Butylbenzene	ND	25	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	25	1.2	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.97	ug/l	
108-90-7	Chlorobenzene	ND	5.0	1.1	ug/l	
75-00-3	Chloroethane	ND	5.0	1.8	ug/l	
67-66-3	Chloroform	ND	5.0	1.0	ug/l	
74-87-3	Chloromethane	ND	5.0	1.1	ug/l	
95-49-8	o-Chlorotoluene	ND	25	0.95	ug/l	
106-43-4	p-Chlorotoluene	ND	25	0.96	ug/l	
108-20-3	Di-Isopropyl ether	11.3	25	1.3	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	6.3	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	10	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.92	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.4	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.3	ug/l	
75-71-8	Dichlorodifluoromethane	ND	25	1.6	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	0.96	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.90	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	1.4	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	1.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	1.6	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.1	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-23		
Lab Sample ID:	JA83213-5	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	25	0.97	ug/l	
594-20-7	2,2-Dichloropropane	ND	25	1.3	ug/l	
563-58-6	1,1-Dichloropropene	ND	25	1.8	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.1	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.93	ug/l	
100-41-4	Ethylbenzene	ND	5.0	1.1	ug/l	
87-68-3	Hexachlorobutadiene	ND	25	1.2	ug/l	
98-82-8	Isopropylbenzene	ND	10	0.97	ug/l	
99-87-6	p-Isopropyltoluene	ND	25	0.94	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1460 [a]	50	9.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	25	6.1	ug/l	
74-95-3	Methylene bromide	ND	25	2.3	ug/l	
75-09-2	Methylene chloride	ND	10	1.0	ug/l	
91-20-3	Naphthalene	ND	25	3.4	ug/l	
103-65-1	n-Propylbenzene	ND	25	0.87	ug/l	
100-42-5	Styrene	ND	25	1.1	ug/l	
75-65-0	Tert Butyl Alcohol	567	130	9.3	ug/l	
994-05-8	tert-Amyl Methyl Ether	24.0	25	1.6	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	25	1.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	1.2	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.6	ug/l	
108-88-3	Toluene	ND	5.0	0.73	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	25	3.4	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	25	0.75	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.2	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.2	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.1	ug/l	
75-69-4	Trichlorofluoromethane	ND	25	1.8	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	25	2.7	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	25	0.90	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	25	1.1	ug/l	
75-01-4	Vinyl chloride	ND	5.0	1.3	ug/l	
	m,p-Xylene	ND	5.0	1.6	ug/l	
95-47-6	o-Xylene	1.0	5.0	0.87	ug/l	J
1330-20-7	Xylene (total)	1.0	5.0	0.87	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%	111%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-23		
Lab Sample ID:	JA83213-5	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	102%	103%	70-127%
2037-26-5	Toluene-D8	109%	108%	79-120%
460-00-4	4-Bromofluorobenzene	97%	97%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-23		
Lab Sample ID:	JA83213-5	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91467.D	1	08/18/11	RP	n/a	n/a	GUV3620
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.70	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	83%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-RW-23		
Lab Sample ID:	JA83213-5	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z19943.D	1	08/23/11	OPM	08/12/11	OP51258	G2Z850
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.146	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	94%		34-131%
16416-32-3	Tetracosane-d50	91%		15-119%
438-22-2	5a-Androstane	87%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-750 BND		
Lab Sample ID:	JA83213-6	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A112874.D	1	08/18/11	HSS	n/a	n/a	V2A4811
Run #2	2A112751.D	2.5	08/16/11	HSS	n/a	n/a	V2A4806

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	13.3	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	0.95	1.0	0.18	ug/l	J
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-750 BND		
Lab Sample ID:	JA83213-6	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	283 [a]	2.5	0.46	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%	110%	77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-750 BND		
Lab Sample ID:	JA83213-6	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	104%	105%	70-127%
2037-26-5	Toluene-D8	109%	107%	79-120%
460-00-4	4-Bromofluorobenzene	97%	97%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-750 BND		
Lab Sample ID:	JA83213-6	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91465.D	1	08/18/11	RP	n/a	n/a	GUV3620
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.373	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	82%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-750 BND		
Lab Sample ID:	JA83213-6	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z19944.D	1	08/23/11	OPM	08/12/11	OP51258	G2Z850
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	84%		34-131%
16416-32-3	Tetracosane-d50	78%		15-119%
438-22-2	5a-Androstane	74%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-750 BNR		
Lab Sample ID:	JA83213-7	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2A112741.D	1	08/15/11	HSS	n/a	n/a	V2A4806
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	0.81	5.0	0.25	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-750 BNR		
Lab Sample ID:	JA83213-7	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	42.6	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22	5.0	0.18	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-750 BNR		
Lab Sample ID:	JA83213-7	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	102%		70-127%
2037-26-5	Toluene-D8	108%		79-120%
460-00-4	4-Bromofluorobenzene	98%		76-118%

(a) (pH= 11)Sample pH did not satisfy field preservation criteria.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-750 BNR		
Lab Sample ID:	JA83213-7	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91472.D	1	08/19/11	RP	n/a	n/a	GUV3620
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	81%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-750 BNR		
Lab Sample ID:	JA83213-7	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z19947.D	1	08/24/11	OPM	08/12/11	OP51258	G2Z850
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.267	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	95%		34-131%
16416-32-3	Tetracosane-d50	87%		15-119%
438-22-2	5a-Androstane	82%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-750 BNS		
Lab Sample ID:	JA83213-8	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A112742.D	1	08/15/11	HSS	n/a	n/a	V2A4806
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	19.5	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-750 BNS		
Lab Sample ID:	JA83213-8	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.64	1.0	0.18	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	1.5	2.0	0.20	ug/l	J
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-750 BNS		
Lab Sample ID:	JA83213-8	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	103%		70-127%
2037-26-5	Toluene-D8	108%		79-120%
460-00-4	4-Bromofluorobenzene	98%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-750 BNS		
Lab Sample ID:	JA83213-8	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91471.D	1	08/19/11	RP	n/a	n/a	GUV3620
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	81%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-750 BNS		
Lab Sample ID:	JA83213-8	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z19948.D	1	08/24/11	OPM	08/12/11	OP51258	G2Z850
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.337	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	35%		34-131%
16416-32-3	Tetracosane-d50	30%		15-119%
438-22-2	5a-Androstane	28%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-730BND		
Lab Sample ID:	JA83213-9	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A112753.D	1	08/16/11	HSS	n/a	n/a	V2A4806
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-730BND		
Lab Sample ID:	JA83213-9	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.6	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-730BND		
Lab Sample ID:	JA83213-9	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%		70-127%
2037-26-5	Toluene-D8	108%		79-120%
460-00-4	4-Bromofluorobenzene	97%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-730BND		
Lab Sample ID:	JA83213-9	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91473.D	1	08/19/11	RP	n/a	n/a	GUV3620
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	82%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-730BND		
Lab Sample ID:	JA83213-9	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z19949.D	1	08/24/11	OPM	08/12/11	OP51258	G2Z850
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.190	0.10	0.0036	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		34-131%
16416-32-3	Tetracosane-d50	86%		15-119%
438-22-2	5a-Androstane	83%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-730BNS		
Lab Sample ID:	JA83213-10	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A112754.D	1	08/16/11	HSS	n/a	n/a	V2A4806
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-730BNS		
Lab Sample ID:	JA83213-10	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.55	1.0	0.18	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		77-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-730BNS		
Lab Sample ID:	JA83213-10	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%		70-127%
2037-26-5	Toluene-D8	108%		79-120%
460-00-4	4-Bromofluorobenzene	98%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-730BNS		
Lab Sample ID:	JA83213-10	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91484.D	1	08/19/11	RP	n/a	n/a	GUV3621
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	84%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-730BNS		
Lab Sample ID:	JA83213-10	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z19950.D	1	08/24/11	OPM	08/12/11	OP51258	G2Z850
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	84%		34-131%
16416-32-3	Tetracosane-d50	79%		15-119%
438-22-2	5a-Androstane	75%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	710 BRYANTS NURSERY		
Lab Sample ID:	JA83213-11	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A112755.D	1	08/16/11	HSS	n/a	n/a	V2A4806
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.6	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		77-120%
17060-07-0	1,2-Dichloroethane-D4	105%		70-127%
2037-26-5	Toluene-D8	104%		79-120%
460-00-4	4-Bromofluorobenzene	98%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	710 BRYANTS NURSERY		
Lab Sample ID:	JA83213-11	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91483.D	1	08/19/11	RP	n/a	n/a	GUV3621
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	83%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	710 BRYANTS NURSERY		
Lab Sample ID:	JA83213-11	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z19951.D	1	08/24/11	OPM	08/12/11	OP51258	G2Z850
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	86%		34-131%
16416-32-3	Tetracosane-d50	82%		15-119%
438-22-2	5a-Androstane	79%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	711 BRYANTS NURSERY		
Lab Sample ID:	JA83213-12	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A112756.D	1	08/16/11	HSS	n/a	n/a	V2A4806
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		77-120%
17060-07-0	1,2-Dichloroethane-D4	105%		70-127%
2037-26-5	Toluene-D8	106%		79-120%
460-00-4	4-Bromofluorobenzene	98%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	711 BRYANTS NURSERY		
Lab Sample ID:	JA83213-12	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91474.D	1	08/19/11	RP	n/a	n/a	GUV3620
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	84%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	711 BRYANTS NURSERY		
Lab Sample ID:	JA83213-12	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z19952.D	1	08/24/11	OPM	08/12/11	OP51258	G2Z850
Run #2							

	Initial Volume	Final Volume
Run #1	925 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0038	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	82%		34-131%
16416-32-3	Tetracosane-d50	80%		15-119%
438-22-2	5a-Androstane	75%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	720 BRYANTS NURSERY		
Lab Sample ID:	JA83213-13	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A112757.D	1	08/16/11	HSS	n/a	n/a	V2A4806
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.34	1.0	0.18	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		77-120%
17060-07-0	1,2-Dichloroethane-D4	104%		70-127%
2037-26-5	Toluene-D8	105%		79-120%
460-00-4	4-Bromofluorobenzene	97%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	720 BRYANTS NURSERY		
Lab Sample ID:	JA83213-13	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91482.D	1	08/19/11	RP	n/a	n/a	GUV3621
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	79%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	720 BRYANTS NURSERY		
Lab Sample ID:	JA83213-13	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z19953.D	1	08/24/11	OPM	08/12/11	OP51258	G2Z850
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	81%		34-131%
16416-32-3	Tetracosane-d50	79%		15-119%
438-22-2	5a-Androstane	75%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	721 BRYANTS NURSERY		
Lab Sample ID:	JA83213-14	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A112832.D	1	08/17/11	HSS	n/a	n/a	V2A4809
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		77-120%
17060-07-0	1,2-Dichloroethane-D4	103%		70-127%
2037-26-5	Toluene-D8	108%		79-120%
460-00-4	4-Bromofluorobenzene	97%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	721 BRYANTS NURSERY		
Lab Sample ID:	JA83213-14	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91481.D	1	08/19/11	RP	n/a	n/a	GUV3621
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	80%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	721 BRYANTS NURSERY		
Lab Sample ID:	JA83213-14	**Date Sampled:**	08/09/11
Matrix:	AQ - Ground Water	**Date Received:**	08/10/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z19954.D	1	08/24/11	OPM	08/12/11	OP51258	G2Z850
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		34-131%
16416-32-3	Tetracosane-d50	83%		15-119%
438-22-2	5a-Androstane	76%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New Jersey

ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

8764 0886 3256
8764 0886 3245

Shell Oil Products Chain Of Custody Record

URS

LAB (LOCATION)
- ☐ XENCO ( )
- ☐ Test America ( )
- ☑ OTHER ( ) ☑ Lab Vendor # ( )
- ☐ SPL ( )

Lab Vendor #

Please Check Appropriate Box:
- ☑ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP # 137675

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 8-9-11

PAGE: 1 of 3

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring

State: MD

GLOBAL ID NO.:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

EDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers

PHONE NO.: 301-258-9780

E-MAIL: adriane_rogers@urscorp.com

CONSULTANT PROJECT NO.: 137675

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

TELEPHONE: 301-258-9780

FAX: 301-869-8728

Bill To Contact E-MAIL: adriane_rogers@urscorp.com

SAMPLER NAME(S) (Print): Robert Burns

LAB USE ONLY: JA83213

TURNAROUND TIME (CALENDAR DAYS):
- ☑ STANDARD (14 DAY)
- ☐ 5 DAYS
- ☐ 3 DAYS
- ☐ 2 DAYS
- ☐ 24 HOURS
- ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1 | Cooler #2 | Cooler #3

SPECIAL INSTRUCTIONS OR NOTES:
- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED
- ☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	HCL	HNO3	H2SO4	NaOH	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	Full List VOCs & Oxy 5 (8260B)	Container PID Readings or Laboratory Notes
														48R
	137675 - RW-03			GW	x					7	X	X	X	2207
	137675 - RW-10			GW	x					7	X	X	X	2206
1	137675 - RW-19	8/9/11	1238	GW	x					7	X	X	X	
2	137675 - RW-20	8/9/11	1240	GW	x					7	X	X	X	
3	137675 - RW-21	8/9/11	1242	GW	x					7	X	X	X	
4	137675 - RW-22	8/9/11	1244	GW	x					7	X	X	X	
5	137675 - RW-23	8/9/11	1246	GW	x					7	X	X	X	
	137675 - TF-01			GW	x					7	X	X	X	
	137675 - TF-02			GW	x					7	X	X	X	

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	Fed Ex		
Fed Ex 8/10/11 0910		8-10-11	930

05/2/08 Revision

ALL SAMPLES RECEIVED IN GOOD CONDITION AS APPLICABLE

Seal 384, 386, 388 Intact

Temp 2.9°, 2.7°, 3.0°C

1A

JA83213: Chain of Custody
Page 1 of 5

Shell Oil Products Chain Of Custody Record

URS

LAB (LOCATION)
- ☐ XENCO ( )
- ☐ Test America ( )
- ☑ OTHER ( )
  - ☑ Lab Vendor # ( )
- ☐ SPL ( )

Lab Vendor #

Please Check Appropriate Box:
- ☑ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SO&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP # 137675

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 8-9-11

PAGE: 2 of 3

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

TELEPHONE: 301-258-9780 FAX: 301-869-8728

Bill To Contact E-MAIL: adriane_rogers@urscorp.com

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring State: MD

GLOBAL ID NO.:

EDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers

PHONE NO: 301-258-9780

E-MAIL: adriane_rogers@urscorp.com

CONSULTANT PROJECT NO.: 137675

SAMPLER NAME(S) (Print): Robert Burs

LAB USE ONLY: JA83213

TURNAROUND TIME (CALENDAR DAYS):
- ☑ STANDARD (14 DAY)
- ☐ 5 DAYS
- ☐ 3 DAYS
- ☐ 2 DAYS
- ☐ 24 HOURS
- ☐ RESULTS NEEDED ON WEEKEND

☐ LA RWQCB REPORT FORMAT ☐ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1 Cooler #2 Cooler #3

SPECIAL INSTRUCTIONS OR NOTES:
- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED
- ☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	Full List VOCs & Oxy 5 (8260B)
6	137675 - 750 BND	8-9-11	1440	GW	x					7	X	X	X
7	137675 - 750 BNR	8-9-11	1435	GW	x					7	X	X	X
8	137675 - 750 BNS	8-9-11	1430	GW	x					6	X	X	X
9	137675 - 730BND	8-9-11	1135	GW	x					7	X	X	X
10	137675 - 730BNS	8-9-11	1140	GW	x					7	X	X	X
	137675 - MW-02			GW	x					7	X	X	X
	137675 - MW-04			GW	x					7	X	X	X
	137675 - MW-05D			GW	x					7	X	X	X
	137675 - MW-05R			GW	x					7	X	X	X
	137675 - MW-05S			GW	x					7	X	X	X
	137675 - MW-06D			GW	x					7	X	X	X
	137675 - MW-06R			GW	x					7	X	X	X

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	FX		
FX		8-10-11	930

GW/DW Revision

4.1

4

Shell Oil Products Chain Of Custody Record

URS

LAB (LOCATION)
- [ ] XENCO ( )
- [ ] Test America ( )
- [x] OTHER ( )
- [x] Lab Vendor # ( )
- [ ] SPL ( )

Lab Vendor #

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP # 137675

[ ] CHECK IF NO INCIDENT # APPLIES

DATE: 8-9-11

PAGE: 3 of 3

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring

State: MD

GLOBAL ID NO.:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

EDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers

PHONE NO.: 301-258-9780

E-MAIL: adriane_rogers@urscorp.com

CONSULTANT PROJECT NO.: 137675

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

TELEPHONE: 301-258-9780

FAX: 301-869-8728

Bill To Contact E-MAIL: adriane_rogers@urscorp.com

SAMPLER NAME(S) (Print): Robert Burns

LAB USE ONLY: JA83213

TURNAROUND TIME (CALENDAR DAYS):
- [x] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [ ] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY:

DELIVERABLES: [ ] LEVEL 1 [x] LEVEL 2 [ ] LEVEL 3 [ ] LEVEL 4 [ ] OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1 | Cooler #2 | Cooler #3

SPECIAL INSTRUCTIONS OR NOTES :
- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED
- [ ] PROVIDE LEDD DISK

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	Full List VOCs & Oxy 5 (8260B)	BTEX, MTBE (8260B)
11	710 Bryants Nursery	8-9-11	1040	GW	x					7	x	x		x
12	711 Bryants Nursery	8-9-11	1020	GW	x					7	x	x		x
13	720 Bryants Nursery	8-9-11	1100	GW	x					7	x	x		x
14	721 Bryants Nursery	8-9-11	1110	GW	x					7	x	x		x
	731 Bryants Nursery			GW	x					7	x	x		x
	741 Bryants Nursery			GW	x					7	x	x		x

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	FX		
FX		8-10-11	930

09/2/06 Revision

4.1

4

JA83213: Chain of Custody

Page 3 of 5

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA83213 **Client:** URS-MD **Immediate Client Services Action Required:** No

Date / Time Received: 8/10/2011 9:30 **Delivery Method:** FedEx **Client Service Action Required at Login:** Yes

Project: 15541 NEW HAMPSHIRE AVE **No. Coolers:** **Airbill #'s:** 8768 0886 (3234-3256-3245)

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (direct contact)	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☐	☑
3. Condition of sample:	Broken / Leaking	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

-11 1 OF 5 VO REC'D BROKEN

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

Sample Receipt Summary - Problem Resolution

Accutest Job Number: JA83213

CSR: Michelle **Response Date** 8/11/2011

Response: Jenna Anthony notified, please proceed as noted

4.1

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Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA83213: Chain of Custody
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New Jersey

ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4806-MB	2A112737.D	1	08/15/11	HSS	n/a	n/a	V2A4806

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-1, JA83213-2, JA83213-3, JA83213-5, JA83213-6, JA83213-7, JA83213-8, JA83213-9, JA83213-10, JA83213-11, JA83213-12, JA83213-13

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	

Method Blank Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4806-MB	2A112737.D	1	08/15/11	HSS	n/a	n/a	V2A4806

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-1, JA83213-2, JA83213-3, JA83213-5, JA83213-6, JA83213-7, JA83213-8, JA83213-9, JA83213-10, JA83213-11, JA83213-12, JA83213-13

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

Method Blank Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4806-MB	2A112737.D	1	08/15/11	HSS	n/a	n/a	V2A4806

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-1, JA83213-2, JA83213-3, JA83213-5, JA83213-6, JA83213-7, JA83213-8, JA83213-9, JA83213-10, JA83213-11, JA83213-12, JA83213-13

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	111%	77-120%
17060-07-0	1,2-Dichloroethane-D4	101%	70-127%
2037-26-5	Toluene-D8	108%	79-120%
460-00-4	4-Bromofluorobenzene	98%	76-118%

Method Blank Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4809-MB	2A112812.D	1	08/17/11	HSS	n/a	n/a	V2A4809

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-2, JA83213-4, JA83213-5, JA83213-14

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	

Method Blank Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4809-MB	2A112812.D	1	08/17/11	HSS	n/a	n/a	V2A4809

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-2, JA83213-4, JA83213-5, JA83213-14

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

Method Blank Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4809-MB	2A112812.D	1	08/17/11	HSS	n/a	n/a	V2A4809

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-2, JA83213-4, JA83213-5, JA83213-14

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	112%	77-120%
17060-07-0	1,2-Dichloroethane-D4	104%	70-127%
2037-26-5	Toluene-D8	107%	79-120%
460-00-4	4-Bromofluorobenzene	96%	76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4811-MB	2A112858.D	1	08/18/11	HSS	n/a	n/a	V2A4811

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-4, JA83213-6

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	7.6	ug/l	
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.18	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.40	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	4.0	0.24	ug/l	
74-83-9	Bromomethane	ND	2.0	0.31	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.9	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.33	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.24	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.19	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.22	ug/l	
75-00-3	Chloroethane	ND	1.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.21	ug/l	
74-87-3	Chloromethane	ND	1.0	0.22	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.19	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.25	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.18	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.29	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.19	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	0.19	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	0.26	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	0.36	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	

Method Blank Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4811-MB	2A112858.D	1	08/18/11	HSS	n/a	n/a	V2A4811

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-4, JA83213-6

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.23	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.19	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.19	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	5.0	0.46	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	0.68	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.17	ug/l	
100-42-5	Styrene	ND	5.0	0.23	ug/l	
75-65-0	Tert Butyl Alcohol	ND	25	1.9	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	0.33	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	0.20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.24	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.32	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.69	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.15	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.21	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.35	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.54	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.18	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.23	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.27	ug/l	
	m,p-Xylene	ND	1.0	0.32	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

Method Blank Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4811-MB	2A112858.D	1	08/18/11	HSS	n/a	n/a	V2A4811

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-4, JA83213-6

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	111%	77-120%
17060-07-0	1,2-Dichloroethane-D4	103%	70-127%
2037-26-5	Toluene-D8	107%	79-120%
460-00-4	4-Bromofluorobenzene	96%	76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4806-BS	2A112738.D	1	08/15/11	HSS	n/a	n/a	V2A4806

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-1, JA83213-2, JA83213-3, JA83213-5, JA83213-6, JA83213-7, JA83213-8, JA83213-9, JA83213-10, JA83213-11, JA83213-12, JA83213-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	48.1	96	49-142
71-43-2	Benzene	50	51.3	103	76-119
108-86-1	Bromobenzene	50	54.8	110	77-123
74-97-5	Bromochloromethane	50	53.7	107	77-129
75-27-4	Bromodichloromethane	50	52.9	106	81-133
75-25-2	Bromoform	50	57.1	114	72-139
74-83-9	Bromomethane	50	40.5	81	55-140
78-93-3	2-Butanone (MEK)	50	49.9	100	64-132
104-51-8	n-Butylbenzene	50	51.4	103	74-130
135-98-8	sec-Butylbenzene	50	54.1	108	75-125
98-06-6	tert-Butylbenzene	50	54.4	109	76-127
56-23-5	Carbon tetrachloride	50	55.2	110	74-146
108-90-7	Chlorobenzene	50	53.0	106	79-120
75-00-3	Chloroethane	50	39.4	79	60-134
67-66-3	Chloroform	50	50.6	101	77-127
74-87-3	Chloromethane	50	34.4	69	50-128
95-49-8	o-Chlorotoluene	50	52.6	105	78-124
106-43-4	p-Chlorotoluene	50	52.6	105	75-120
108-20-3	Di-Isopropyl ether	50	40.6	81	59-130
96-12-8	1,2-Dibromo-3-chloropropane	50	48.9	98	64-137
124-48-1	Dibromochloromethane	50	54.3	109	77-131
106-93-4	1,2-Dibromoethane	50	51.8	104	76-127
95-50-1	1,2-Dichlorobenzene	50	54.6	109	78-123
541-73-1	1,3-Dichlorobenzene	50	53.9	108	77-124
106-46-7	1,4-Dichlorobenzene	50	52.9	106	76-121
75-71-8	Dichlorodifluoromethane	50	34.5	69	41-138
75-34-3	1,1-Dichloroethane	50	50.0	100	74-124
107-06-2	1,2-Dichloroethane	50	48.4	97	71-138
75-35-4	1,1-Dichloroethene	50	55.7	111	68-126
156-59-2	cis-1,2-Dichloroethene	50	53.5	107	78-131
156-60-5	trans-1,2-Dichloroethene	50	52.1	104	64-119
78-87-5	1,2-Dichloropropane	50	49.2	98	76-121
142-28-9	1,3-Dichloropropane	50	49.3	99	77-120
594-20-7	2,2-Dichloropropane	50	42.1	84	53-143
563-58-6	1,1-Dichloropropene	50	51.8	104	77-125
10061-01-5	cis-1,3-Dichloropropene	50	48.9	98	76-123

Blank Spike Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4806-BS	2A112738.D	1	08/15/11	HSS	n/a	n/a	V2A4806

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-1, JA83213-2, JA83213-3, JA83213-5, JA83213-6, JA83213-7, JA83213-8, JA83213-9, JA83213-10, JA83213-11, JA83213-12, JA83213-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	47.3	95	74-129
100-41-4	Ethylbenzene	50	51.8	104	77-119
87-68-3	Hexachlorobutadiene	50	54.4	109	66-137
98-82-8	Isopropylbenzene	50	54.6	109	74-125
99-87-6	p-Isopropyltoluene	50	53.9	108	78-128
1634-04-4	Methyl Tert Butyl Ether	100	96.8	97	72-125
108-10-1	4-Methyl-2-pentanone(MIBK)	50	49.0	98	68-131
74-95-3	Methylene bromide	50	53.0	106	79-129
75-09-2	Methylene chloride	50	52.1	104	73-122
91-20-3	Naphthalene	50	52.8	106	61-136
103-65-1	n-Propylbenzene	50	53.1	106	73-121
100-42-5	Styrene	50	52.0	104	77-121
75-65-0	Tert Butyl Alcohol	250	224	90	67-136
994-05-8	tert-Amyl Methyl Ether	50	49.3	99	69-125
637-92-3	tert-Butyl Ethyl Ether	50	44.6	89	67-129
630-20-6	1,1,1,2-Tetrachloroethane	50	54.9	110	80-128
79-34-5	1,1,2,2-Tetrachloroethane	50	50.3	101	70-121
127-18-4	Tetrachloroethene	50	55.9	112	64-148
108-88-3	Toluene	50	52.5	105	77-122
87-61-6	1,2,3-Trichlorobenzene	50	53.5	107	69-136
120-82-1	1,2,4-Trichlorobenzene	50	54.4	109	73-133
71-55-6	1,1,1-Trichloroethane	50	53.5	107	76-135
79-00-5	1,1,2-Trichloroethane	50	52.4	105	79-125
79-01-6	Trichloroethene	50	53.4	107	80-129
75-69-4	Trichlorofluoromethane	50	43.7	87	66-145
96-18-4	1,2,3-Trichloropropane	50	52.5	105	72-130
95-63-6	1,2,4-Trimethylbenzene	50	53.5	107	77-123
108-67-8	1,3,5-Trimethylbenzene	50	53.4	107	76-123
75-01-4	Vinyl chloride	50	41.8	84	56-133
	m,p-Xylene	100	104	104	77-121
95-47-6	o-Xylene	50	53.4	107	80-124
1330-20-7	Xylene (total)	150	157	105	78-121

Blank Spike Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4806-BS	2A112738.D	1	08/15/11	HSS	n/a	n/a	V2A4806

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-1, JA83213-2, JA83213-3, JA83213-5, JA83213-6, JA83213-7, JA83213-8, JA83213-9, JA83213-10, JA83213-11, JA83213-12, JA83213-13

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	112%	77-120%
17060-07-0	1,2-Dichloroethane-D4	102%	70-127%
2037-26-5	Toluene-D8	109%	79-120%
460-00-4	4-Bromofluorobenzene	103%	76-118%

Blank Spike Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4809-BS	2A112813.D	1	08/17/11	HSS	n/a	n/a	V2A4809

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-2, JA83213-4, JA83213-5, JA83213-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	44.5	89	49-142
71-43-2	Benzene	50	49.5	99	76-119
108-86-1	Bromobenzene	50	52.8	106	77-123
74-97-5	Bromochloromethane	50	51.8	104	77-129
75-27-4	Bromodichloromethane	50	53.3	107	81-133
75-25-2	Bromoform	50	57.9	116	72-139
74-83-9	Bromomethane	50	48.0	96	55-140
78-93-3	2-Butanone (MEK)	50	49.9	100	64-132
104-51-8	n-Butylbenzene	50	51.3	103	74-130
135-98-8	sec-Butylbenzene	50	52.5	105	75-125
98-06-6	tert-Butylbenzene	50	53.6	107	76-127
56-23-5	Carbon tetrachloride	50	56.3	113	74-146
108-90-7	Chlorobenzene	50	52.9	106	79-120
75-00-3	Chloroethane	50	42.5	85	60-134
67-66-3	Chloroform	50	50.0	100	77-127
74-87-3	Chloromethane	50	41.2	82	50-128
95-49-8	o-Chlorotoluene	50	51.1	102	78-124
106-43-4	p-Chlorotoluene	50	50.7	101	75-120
108-20-3	Di-Isopropyl ether	50	38.4	77	59-130
96-12-8	1,2-Dibromo-3-chloropropane	50	49.1	98	64-137
124-48-1	Dibromochloromethane	50	54.6	109	77-131
106-93-4	1,2-Dibromoethane	50	50.6	101	76-127
95-50-1	1,2-Dichlorobenzene	50	54.1	108	78-123
541-73-1	1,3-Dichlorobenzene	50	52.7	105	77-124
106-46-7	1,4-Dichlorobenzene	50	52.1	104	76-121
75-71-8	Dichlorodifluoromethane	50	42.4	85	41-138
75-34-3	1,1-Dichloroethane	50	49.2	98	74-124
107-06-2	1,2-Dichloroethane	50	50.0	100	71-138
75-35-4	1,1-Dichloroethene	50	52.5	105	68-126
156-59-2	cis-1,2-Dichloroethene	50	51.6	103	78-131
156-60-5	trans-1,2-Dichloroethene	50	49.8	100	64-119
78-87-5	1,2-Dichloropropane	50	47.9	96	76-121
142-28-9	1,3-Dichloropropane	50	48.8	98	77-120
594-20-7	2,2-Dichloropropane	50	51.5	103	53-143
563-58-6	1,1-Dichloropropene	50	50.1	100	77-125
10061-01-5	cis-1,3-Dichloropropene	50	48.8	98	76-123

Blank Spike Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4809-BS	2A112813.D	1	08/17/11	HSS	n/a	n/a	V2A4809

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-2, JA83213-4, JA83213-5, JA83213-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	49.1	98	74-129
100-41-4	Ethylbenzene	50	51.4	103	77-119
87-68-3	Hexachlorobutadiene	50	55.2	110	66-137
98-82-8	Isopropylbenzene	50	52.4	105	74-125
99-87-6	p-Isopropyltoluene	50	54.9	110	78-128
1634-04-4	Methyl Tert Butyl Ether	100	95.1	95	72-125
108-10-1	4-Methyl-2-pentanone(MIBK)	50	46.6	93	68-131
74-95-3	Methylene bromide	50	54.2	108	79-129
75-09-2	Methylene chloride	50	49.7	99	73-122
91-20-3	Naphthalene	50	51.9	104	61-136
103-65-1	n-Propylbenzene	50	52.1	104	73-121
100-42-5	Styrene	50	51.6	103	77-121
75-65-0	Tert Butyl Alcohol	250	241	96	67-136
994-05-8	tert-Amyl Methyl Ether	50	49.7	99	69-125
637-92-3	tert-Butyl Ethyl Ether	50	43.9	88	67-129
630-20-6	1,1,1,2-Tetrachloroethane	50	54.8	110	80-128
79-34-5	1,1,2,2-Tetrachloroethane	50	46.7	93	70-121
127-18-4	Tetrachloroethene	50	54.6	109	64-148
108-88-3	Toluene	50	51.0	102	77-122
87-61-6	1,2,3-Trichlorobenzene	50	53.7	107	69-136
120-82-1	1,2,4-Trichlorobenzene	50	56.2	112	73-133
71-55-6	1,1,1-Trichloroethane	50	53.1	106	76-135
79-00-5	1,1,2-Trichloroethane	50	51.1	102	79-125
79-01-6	Trichloroethene	50	52.2	104	80-129
75-69-4	Trichlorofluoromethane	50	49.8	100	66-145
96-18-4	1,2,3-Trichloropropane	50	50.2	100	72-130
95-63-6	1,2,4-Trimethylbenzene	50	53.0	106	77-123
108-67-8	1,3,5-Trimethylbenzene	50	52.3	105	76-123
75-01-4	Vinyl chloride	50	47.8	96	56-133
	m,p-Xylene	100	104	104	77-121
95-47-6	o-Xylene	50	53.4	107	80-124
1330-20-7	Xylene (total)	150	158	105	78-121

Blank Spike Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4809-BS	2A112813.D	1	08/17/11	HSS	n/a	n/a	V2A4809

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-2, JA83213-4, JA83213-5, JA83213-14

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	112%	77-120%
17060-07-0	1,2-Dichloroethane-D4	105%	70-127%
2037-26-5	Toluene-D8	109%	79-120%
460-00-4	4-Bromofluorobenzene	100%	76-118%

Blank Spike Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4811-BS	2A112859.D	1	08/18/11	HSS	n/a	n/a	V2A4811

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-4, JA83213-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	43.4	87	49-142
71-43-2	Benzene	50	49.4	99	76-119
108-86-1	Bromobenzene	50	53.6	107	77-123
74-97-5	Bromochloromethane	50	51.8	104	77-129
75-27-4	Bromodichloromethane	50	54.2	108	81-133
75-25-2	Bromoform	50	58.7	117	72-139
74-83-9	Bromomethane	50	44.5	89	55-140
78-93-3	2-Butanone (MEK)	50	48.9	98	64-132
104-51-8	n-Butylbenzene	50	50.0	100	74-130
135-98-8	sec-Butylbenzene	50	50.9	102	75-125
98-06-6	tert-Butylbenzene	50	52.1	104	76-127
56-23-5	Carbon tetrachloride	50	55.8	112	74-146
108-90-7	Chlorobenzene	50	53.2	106	79-120
75-00-3	Chloroethane	50	39.6	79	60-134
67-66-3	Chloroform	50	51.2	102	77-127
74-87-3	Chloromethane	50	36.2	72	50-128
95-49-8	o-Chlorotoluene	50	51.1	102	78-124
106-43-4	p-Chlorotoluene	50	51.1	102	75-120
108-20-3	Di-Isopropyl ether	50	40.0	80	59-130
96-12-8	1,2-Dibromo-3-chloropropane	50	49.1	98	64-137
124-48-1	Dibromochloromethane	50	54.4	109	77-131
106-93-4	1,2-Dibromoethane	50	51.1	102	76-127
95-50-1	1,2-Dichlorobenzene	50	53.6	107	78-123
541-73-1	1,3-Dichlorobenzene	50	53.2	106	77-124
106-46-7	1,4-Dichlorobenzene	50	52.1	104	76-121
75-71-8	Dichlorodifluoromethane	50	36.3	73	41-138
75-34-3	1,1-Dichloroethane	50	48.7	97	74-124
107-06-2	1,2-Dichloroethane	50	50.4	101	71-138
75-35-4	1,1-Dichloroethene	50	50.4	101	68-126
156-59-2	cis-1,2-Dichloroethene	50	51.5	103	78-131
156-60-5	trans-1,2-Dichloroethene	50	48.6	97	64-119
78-87-5	1,2-Dichloropropane	50	48.5	97	76-121
142-28-9	1,3-Dichloropropane	50	48.1	96	77-120
594-20-7	2,2-Dichloropropane	50	51.2	102	53-143
563-58-6	1,1-Dichloropropene	50	49.4	99	77-125
10061-01-5	cis-1,3-Dichloropropene	50	49.7	99	76-123

Blank Spike Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4811-BS	2A112859.D	1	08/18/11	HSS	n/a	n/a	V2A4811

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-4, JA83213-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	50.2	100	74-129
100-41-4	Ethylbenzene	50	50.9	102	77-119
87-68-3	Hexachlorobutadiene	50	53.8	108	66-137
98-82-8	Isopropylbenzene	50	51.3	103	74-125
99-87-6	p-Isopropyltoluene	50	53.9	108	78-128
1634-04-4	Methyl Tert Butyl Ether	100	97.6	98	72-125
108-10-1	4-Methyl-2-pentanone(MIBK)	50	47.4	95	68-131
74-95-3	Methylene bromide	50	54.6	109	79-129
75-09-2	Methylene chloride	50	49.3	99	73-122
91-20-3	Naphthalene	50	51.9	104	61-136
103-65-1	n-Propylbenzene	50	51.9	104	73-121
100-42-5	Styrene	50	51.9	104	77-121
75-65-0	Tert Butyl Alcohol	250	248	99	67-136
994-05-8	tert-Amyl Methyl Ether	50	52.6	105	69-125
637-92-3	tert-Butyl Ethyl Ether	50	45.6	91	67-129
630-20-6	1,1,1,2-Tetrachloroethane	50	55.6	111	80-128
79-34-5	1,1,2,2-Tetrachloroethane	50	46.0	92	70-121
127-18-4	Tetrachloroethene	50	54.2	108	64-148
108-88-3	Toluene	50	51.9	104	77-122
87-61-6	1,2,3-Trichlorobenzene	50	53.5	107	69-136
120-82-1	1,2,4-Trichlorobenzene	50	56.0	112	73-133
71-55-6	1,1,1-Trichloroethane	50	52.6	105	76-135
79-00-5	1,1,2-Trichloroethane	50	52.1	104	79-125
79-01-6	Trichloroethene	50	52.3	105	80-129
75-69-4	Trichlorofluoromethane	50	46.5	93	66-145
96-18-4	1,2,3-Trichloropropane	50	50.7	101	72-130
95-63-6	1,2,4-Trimethylbenzene	50	52.3	105	77-123
108-67-8	1,3,5-Trimethylbenzene	50	51.3	103	76-123
75-01-4	Vinyl chloride	50	42.7	85	56-133
	m,p-Xylene	100	104	104	77-121
95-47-6	o-Xylene	50	52.4	105	80-124
1330-20-7	Xylene (total)	150	156	104	78-121

Blank Spike Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A4811-BS	2A112859.D	1	08/18/11	HSS	n/a	n/a	V2A4811

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-4, JA83213-6

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	113%	77-120%
17060-07-0	1,2-Dichloroethane-D4	105%	70-127%
2037-26-5	Toluene-D8	110%	79-120%
460-00-4	4-Bromofluorobenzene	99%	76-118%

Matrix Spike Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83213-7MS [a]	2A112739.D	1	08/15/11	HSS	n/a	n/a	V2A4806
JA83213-7 [a]	2A112741.D	1	08/15/11	HSS	n/a	n/a	V2A4806

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-1, JA83213-2, JA83213-3, JA83213-5, JA83213-6, JA83213-7, JA83213-8, JA83213-9, JA83213-10, JA83213-11, JA83213-12, JA83213-13

CAS No.	Compound	JA83213-7 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
67-64-1	Acetone	ND		50	82.6	165* [b]	39-150
71-43-2	Benzene	ND		50	49.6	99	40-139
108-86-1	Bromobenzene	ND		50	52.4	105	67-131
74-97-5	Bromochloromethane	ND		50	51.1	102	67-134
75-27-4	Bromodichloromethane	ND		50	43.5	87	68-135
75-25-2	Bromoform	ND		50	54.6	109	55-141
74-83-9	Bromomethane	ND		50	47.5	95	49-145
78-93-3	2-Butanone (MEK)	ND		50	57.0	114	55-141
104-51-8	n-Butylbenzene	ND		50	46.1	92	55-139
135-98-8	sec-Butylbenzene	ND		50	48.5	97	55-137
98-06-6	tert-Butylbenzene	ND		50	49.4	99	58-137
56-23-5	Carbon tetrachloride	ND		50	50.5	101	52-155
108-90-7	Chlorobenzene	ND		50	51.8	104	66-129
75-00-3	Chloroethane	ND		50	44.1	88	50-140
67-66-3	Chloroform	ND		50	48.9	98	63-133
74-87-3	Chloromethane	ND		50	44.5	89	43-138
95-49-8	o-Chlorotoluene	ND		50	49.6	99	62-132
106-43-4	p-Chlorotoluene	ND		50	50.1	100	62-129
108-20-3	Di-Isopropyl ether	0.81	J	50	42.7	84	51-136
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	25.4	51* [b]	57-142
124-48-1	Dibromochloromethane	ND		50	48.9	98	64-136
106-93-4	1,2-Dibromoethane	ND		50	51.2	102	69-132
95-50-1	1,2-Dichlorobenzene	ND		50	52.4	105	69-129
541-73-1	1,3-Dichlorobenzene	ND		50	51.5	103	66-130
106-46-7	1,4-Dichlorobenzene	ND		50	50.8	102	66-127
75-71-8	Dichlorodifluoromethane	ND		50	39.9	80	31-166
75-34-3	1,1-Dichloroethane	ND		50	47.6	95	58-132
107-06-2	1,2-Dichloroethane	ND		50	47.3	95	62-145
75-35-4	1,1-Dichloroethene	ND		50	72.7	145* [b]	43-142
156-59-2	cis-1,2-Dichloroethene	ND		50	51.4	103	55-132
156-60-5	trans-1,2-Dichloroethene	ND		50	49.6	99	53-132
78-87-5	1,2-Dichloropropane	ND		50	48.2	96	65-128
142-28-9	1,3-Dichloropropane	ND		50	48.4	97	68-127
594-20-7	2,2-Dichloropropane	ND		50	42.8	86	41-146
563-58-6	1,1-Dichloropropene	ND		50	48.2	96	54-139
10061-01-5	cis-1,3-Dichloropropene	ND		50	47.7	95	66-130

Matrix Spike Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83213-7MS [a]	2A112739.D	1	08/15/11	HSS	n/a	n/a	V2A4806
JA83213-7 [a]	2A112741.D	1	08/15/11	HSS	n/a	n/a	V2A4806

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-1, JA83213-2, JA83213-3, JA83213-5, JA83213-6, JA83213-7, JA83213-8, JA83213-9, JA83213-10, JA83213-11, JA83213-12, JA83213-13

CAS No.	Compound	JA83213-7 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
10061-02-6	trans-1,3-Dichloropropene	ND		50	47.3	95	64-135
100-41-4	Ethylbenzene	ND		50	50.0	100	40-140
87-68-3	Hexachlorobutadiene	ND		50	47.0	94	51-141
98-82-8	Isopropylbenzene	ND		50	50.5	101	56-138
99-87-6	p-Isopropyltoluene	ND		50	48.9	98	58-136
1634-04-4	Methyl Tert Butyl Ether	42.6		50	88.4	92	54-136
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		50	47.7	95	61-138
74-95-3	Methylene bromide	ND		50	51.9	104	70-134
75-09-2	Methylene chloride	ND		50	49.4	99	60-130
91-20-3	Naphthalene	ND		50	52.8	106	51-149
103-65-1	n-Propylbenzene	ND		50	49.7	99	51-138
100-42-5	Styrene	ND		50	50.8	102	59-132
75-65-0	Tert Butyl Alcohol	ND		250	253	101	57-153
994-05-8	tert-Amyl Methyl Ether	ND		50	48.2	96	60-133
637-92-3	tert-Butyl Ethyl Ether	ND		50	44.3	89	59-134
630-20-6	1,1,1,2-Tetrachloroethane	ND		50	47.7	95	69-134
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	0.83	2* [b]	65-128
127-18-4	Tetrachloroethene	ND		50	95.5	191* [b]	52-143
108-88-3	Toluene	ND		50	50.3	101	47-140
87-61-6	1,2,3-Trichlorobenzene	ND		50	51.3	103	62-137
120-82-1	1,2,4-Trichlorobenzene	ND		50	52.1	104	64-136
71-55-6	1,1,1-Trichloroethane	ND		50	49.6	99	55-146
79-00-5	1,1,2-Trichloroethane	ND		50	27.0	54* [b]	70-129
79-01-6	Trichloroethene	ND		50	96.7	193* [b]	54-142
75-69-4	Trichlorofluoromethane	ND		50	44.5	89	45-159
96-18-4	1,2,3-Trichloropropane	ND		50	47.8	96	64-137
95-63-6	1,2,4-Trimethylbenzene	0.22	J	50	49.7	99	40-147
108-67-8	1,3,5-Trimethylbenzene	ND		50	49.6	99	50-142
75-01-4	Vinyl chloride	ND		50	49.2	98	42-145
	m,p-Xylene	ND		100	101	101	39-141
95-47-6	o-Xylene	ND		50	51.1	102	51-138
1330-20-7	Xylene (total)	ND		150	152	101	42-140

Matrix Spike Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83213-7MS [a]	2A112739.D	1	08/15/11	HSS	n/a	n/a	V2A4806
JA83213-7 [a]	2A112741.D	1	08/15/11	HSS	n/a	n/a	V2A4806

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-1, JA83213-2, JA83213-3, JA83213-5, JA83213-6, JA83213-7, JA83213-8, JA83213-9, JA83213-10, JA83213-11, JA83213-12, JA83213-13

CAS No.	Surrogate Recoveries	MS	JA83213-7	Limits
1868-53-7	Dibromofluoromethane	102%	96%	77-120%
17060-07-0	1,2-Dichloroethane-D4	103%	102%	70-127%
2037-26-5	Toluene-D8	109%	108%	79-120%
460-00-4	4-Bromofluorobenzene	101%	98%	76-118%

(a) (pH= 11)Sample pH did not satisfy field preservation criteria.
(b) Outside control limits due to matrix interference.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83159-3MS	2A112818.D	1	08/17/11	HSS	n/a	n/a	V2A4809
JA83159-3MSD	2A112819.D	1	08/17/11	HSS	n/a	n/a	V2A4809
JA83159-3	2A112817.D	1	08/17/11	HSS	n/a	n/a	V2A4809

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-2, JA83213-4, JA83213-5, JA83213-14

CAS No.	Compound	JA83159-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	15.9		50	63.3	95	64.5	97	2	39-150/20
71-43-2	Benzene	2.2		50	48.8	93	49.5	95	1	40-139/12
108-86-1	Bromobenzene	ND		50	50.0	100	50.8	102	2	67-131/12
74-97-5	Bromochloromethane	ND		50	49.5	99	50.7	101	2	67-134/12
75-27-4	Bromodichloromethane	ND		50	50.2	100	50.4	101	0	68-135/12
75-25-2	Bromoform	ND		50	55.3	111	56.2	112	2	55-141/14
74-83-9	Bromomethane	ND		50	45.4	91	47.8	96	5	49-145/16
78-93-3	2-Butanone (MEK)	ND		50	53.8	108	55.6	111	3	55-141/15
104-51-8	n-Butylbenzene	ND		50	46.6	93	46.6	93	0	55-139/15
135-98-8	sec-Butylbenzene	3.5	J	50	47.8	89	48.4	90	1	55-137/14
98-06-6	tert-Butylbenzene	ND		50	47.7	95	48.0	96	1	58-137/15
56-23-5	Carbon tetrachloride	ND		50	50.1	100	48.9	98	2	52-155/16
108-90-7	Chlorobenzene	ND		50	49.6	99	50.4	101	2	66-129/11
75-00-3	Chloroethane	ND		50	39.8	80	42.3	85	6	50-140/16
67-66-3	Chloroform	ND		50	46.0	92	47.0	94	2	63-133/13
74-87-3	Chloromethane	ND		50	37.5	75	39.8	80	6	43-138/17
95-49-8	o-Chlorotoluene	ND		50	46.9	94	47.2	94	1	62-132/13
106-43-4	p-Chlorotoluene	ND		50	47.7	95	48.2	96	1	62-129/13
108-20-3	Di-Isopropyl ether	ND		50	40.7	81	42.5	85	4	51-136/11
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	53.7	107	53.2	106	1	57-142/14
124-48-1	Dibromochloromethane	ND		50	51.4	103	52.4	105	2	64-136/12
106-93-4	1,2-Dibromoethane	ND		50	51.2	102	52.0	104	2	69-132/11
95-50-1	1,2-Dichlorobenzene	ND		50	49.8	100	50.7	101	2	69-129/11
541-73-1	1,3-Dichlorobenzene	ND		50	49.0	98	50.0	100	2	66-130/12
106-46-7	1,4-Dichlorobenzene	ND		50	48.9	98	49.9	100	2	66-127/12
75-71-8	Dichlorodifluoromethane	ND		50	37.0	74	35.8	72	3	31-166/20
75-34-3	1,1-Dichloroethane	ND		50	44.2	88	46.0	92	4	58-132/13
107-06-2	1,2-Dichloroethane	ND		50	47.7	95	47.6	95	0	62-145/12
75-35-4	1,1-Dichloroethene	ND		50	47.3	95	48.4	97	2	43-142/17
156-59-2	cis-1,2-Dichloroethene	ND		50	48.0	96	49.7	99	3	55-132/12
156-60-5	trans-1,2-Dichloroethene	ND		50	45.9	92	47.1	94	3	53-132/14
78-87-5	1,2-Dichloropropane	ND		50	46.2	92	47.3	95	2	65-128/12
142-28-9	1,3-Dichloropropane	ND		50	47.9	96	49.5	99	3	68-127/11
594-20-7	2,2-Dichloropropane	ND		50	47.7	95	48.4	97	1	41-146/16
563-58-6	1,1-Dichloropropene	ND		50	46.3	93	46.2	92	0	54-139/15
10061-01-5	cis-1,3-Dichloropropene	ND		50	49.3	99	50.8	102	3	66-130/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83159-3MS	2A112818.D	1	08/17/11	HSS	n/a	n/a	V2A4809
JA83159-3MSD	2A112819.D	1	08/17/11	HSS	n/a	n/a	V2A4809
JA83159-3	2A112817.D	1	08/17/11	HSS	n/a	n/a	V2A4809

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-2, JA83213-4, JA83213-5, JA83213-14

CAS No.	Compound	JA83159-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		50	48.3	97	49.4	99	2	64-135/13
100-41-4	Ethylbenzene	0.41	J	50	47.5	94	48.1	95	1	40-140/12
87-68-3	Hexachlorobutadiene	ND		50	40.1	80	39.4	79	2	51-141/16
98-82-8	Isopropylbenzene	35.8		50	73.1	75	73.5	75	1	56-138/13
99-87-6	p-Isopropyltoluene	0.57	J	50	47.1	93	47.2	93	0	58-136/14
1634-04-4	Methyl Tert Butyl Ether	10.9		50	58.8	96	61.0	100	4	54-136/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		50	54.6	109	56.3	113	3	61-138/14
74-95-3	Methylene bromide	ND		50	51.4	103	51.9	104	1	70-134/12
75-09-2	Methylene chloride	ND		50	47.1	94	49.1	98	4	60-130/13
91-20-3	Naphthalene	2.7	J	50	64.5	124	64.4	123	0	51-149/14
103-65-1	n-Propylbenzene	30.0		50	66.7	73	68.2	76	2	51-138/14
100-42-5	Styrene	ND		50	47.0	94	48.0	96	2	59-132/13
75-65-0	Tert Butyl Alcohol	ND		250	311	124	320	128	3	57-153/16
994-05-8	tert-Amyl Methyl Ether	ND		50	48.4	97	49.6	99	2	60-133/11
637-92-3	tert-Butyl Ethyl Ether	ND		50	43.8	88	45.3	91	3	59-134/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		50	51.2	102	51.3	103	0	69-134/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	50.1	100	51.2	102	2	65-128/12
127-18-4	Tetrachloroethene	ND		50	50.6	101	49.9	100	1	52-143/15
108-88-3	Toluene	1.8		50	49.9	96	50.6	98	1	47-140/12
87-61-6	1,2,3-Trichlorobenzene	ND		50	52.3	105	51.7	103	1	62-137/14
120-82-1	1,2,4-Trichlorobenzene	ND		50	50.1	100	49.6	99	1	64-136/14
71-55-6	1,1,1-Trichloroethane	ND		50	47.6	95	48.3	97	1	55-146/15
79-00-5	1,1,2-Trichloroethane	ND		50	50.7	101	52.4	105	3	70-129/12
79-01-6	Trichloroethene	ND		50	49.2	98	49.1	98	0	54-142/14
75-69-4	Trichlorofluoromethane	ND		50	45.1	90	44.8	90	1	45-159/19
96-18-4	1,2,3-Trichloropropane	ND		50	52.1	104	53.0	106	2	64-137/13
95-63-6	1,2,4-Trimethylbenzene	9.3		50	54.5	90	55.1	92	1	40-147/12
108-67-8	1,3,5-Trimethylbenzene	0.53	J	50	47.7	94	48.3	96	1	50-142/13
75-01-4	Vinyl chloride	ND		50	42.5	85	43.8	88	3	42-145/18
	m,p-Xylene	2.4		100	97.5	95	98.3	96	1	39-141/12
95-47-6	o-Xylene	2.3		50	50.5	96	51.1	98	1	51-138/12
1330-20-7	Xylene (total)	4.7		150	148	96	149	96	1	42-140/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83159-3MS	2A112818.D	1	08/17/11	HSS	n/a	n/a	V2A4809
JA83159-3MSD	2A112819.D	1	08/17/11	HSS	n/a	n/a	V2A4809
JA83159-3	2A112817.D	1	08/17/11	HSS	n/a	n/a	V2A4809

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-2, JA83213-4, JA83213-5, JA83213-14

CAS No.	Surrogate Recoveries	MS	MSD	JA83159-3	Limits
1868-53-7	Dibromofluoromethane	111%	111%	110%	77-120%
17060-07-0	1,2-Dichloroethane-D4	103%	101%	104%	70-127%
2037-26-5	Toluene-D8	109%	110%	109%	79-120%
460-00-4	4-Bromofluorobenzene	101%	101%	97%	76-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83850-1MS	2A112871.D	1	08/18/11	HSS	n/a	n/a	V2A4811
JA83850-1MSD	2A112872.D	1	08/18/11	HSS	n/a	n/a	V2A4811
JA83850-1	2A112861.D	1	08/18/11	HSS	n/a	n/a	V2A4811

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-4, JA83213-6

CAS No.	Compound	JA83850-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		50	38.3	77	39.2	78	2	39-150/20
71-43-2	Benzene	ND		50	43.3	87	42.5	85	2	40-139/12
108-86-1	Bromobenzene	ND		50	48.8	98	48.2	96	1	67-131/12
74-97-5	Bromochloromethane	ND		50	48.2	96	47.7	95	1	67-134/12
75-27-4	Bromodichloromethane	ND		50	49.0	98	48.4	97	1	68-135/12
75-25-2	Bromoform	ND		50	54.5	109	54.6	109	0	55-141/14
74-83-9	Bromomethane	ND		50	41.0	82	40.8	82	0	49-145/16
78-93-3	2-Butanone (MEK)	ND		50	45.6	91	44.7	89	2	55-141/15
104-51-8	n-Butylbenzene	ND		50	41.0	82	40.8	82	0	55-139/15
135-98-8	sec-Butylbenzene	ND		50	41.9	84	41.4	83	1	55-137/14
98-06-6	tert-Butylbenzene	ND		50	43.6	87	42.8	86	2	58-137/15
56-23-5	Carbon tetrachloride	ND		50	45.3	91	44.2	88	2	52-155/16
108-90-7	Chlorobenzene	ND		50	46.8	94	46.7	93	0	66-129/11
75-00-3	Chloroethane	ND		50	34.5	69	34.4	69	0	50-140/16
67-66-3	Chloroform	ND		50	43.7	87	42.7	85	2	63-133/13
74-87-3	Chloromethane	ND		50	31.8	64	32.9	66	3	43-138/17
95-49-8	o-Chlorotoluene	ND		50	44.2	88	43.3	87	2	62-132/13
106-43-4	p-Chlorotoluene	ND		50	45.3	91	44.7	89	1	62-129/13
108-20-3	Di-Isopropyl ether	ND		50	37.0	74	37.4	75	1	51-136/11
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	45.7	91	44.8	90	2	57-142/14
124-48-1	Dibromochloromethane	ND		50	51.5	103	51.1	102	1	64-136/12
106-93-4	1,2-Dibromoethane	ND		50	49.3	99	49.4	99	0	69-132/11
95-50-1	1,2-Dichlorobenzene	ND		50	49.1	98	48.7	97	1	69-129/11
541-73-1	1,3-Dichlorobenzene	ND		50	47.6	95	47.1	94	1	66-130/12
106-46-7	1,4-Dichlorobenzene	ND		50	47.5	95	47.4	95	0	66-127/12
75-71-8	Dichlorodifluoromethane	ND		50	30.8	62	30.0	60	3	31-166/20
75-34-3	1,1-Dichloroethane	ND		50	40.0	80	39.9	80	0	58-132/13
107-06-2	1,2-Dichloroethane	ND		50	47.1	94	46.5	93	1	62-145/12
75-35-4	1,1-Dichloroethene	ND		50	40.2	80	38.9	78	3	43-142/17
156-59-2	cis-1,2-Dichloroethene	ND		50	44.7	89	44.5	89	0	55-132/12
156-60-5	trans-1,2-Dichloroethene	ND		50	40.8	82	40.2	80	1	53-132/14
78-87-5	1,2-Dichloropropane	ND		50	43.3	87	43.1	86	0	65-128/12
142-28-9	1,3-Dichloropropane	ND		50	46.1	92	46.7	93	1	68-127/11
594-20-7	2,2-Dichloropropane	ND		50	43.2	86	41.8	84	3	41-146/16
563-58-6	1,1-Dichloropropene	ND		50	40.9	82	39.6	79	3	54-139/15
10061-01-5	cis-1,3-Dichloropropene	ND		50	46.8	94	46.7	93	0	66-130/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83850-1MS	2A112871.D	1	08/18/11	HSS	n/a	n/a	V2A4811
JA83850-1MSD	2A112872.D	1	08/18/11	HSS	n/a	n/a	V2A4811
JA83850-1	2A112861.D	1	08/18/11	HSS	n/a	n/a	V2A4811

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-4, JA83213-6

CAS No.	Compound	JA83850-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		50	47.5	95	46.3	93	3	64-135/13
100-41-4	Ethylbenzene	ND		50	44.0	88	43.5	87	1	40-140/12
87-68-3	Hexachlorobutadiene	ND		50	44.7	89	44.8	90	0	51-141/16
98-82-8	Isopropylbenzene	ND		50	43.6	87	42.5	85	3	56-138/13
99-87-6	p-Isopropyltoluene	ND		50	43.5	87	42.9	86	1	58-136/14
1634-04-4	Methyl Tert Butyl Ether	8.2		50	53.7	91	54.1	92	1	54-136/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		50	44.6	89	45.1	90	1	61-138/14
74-95-3	Methylene bromide	ND		50	50.3	101	49.9	100	1	70-134/12
75-09-2	Methylene chloride	ND		50	44.5	89	43.9	88	1	60-130/13
91-20-3	Naphthalene	ND		50	48.7	97	49.6	99	2	51-149/14
103-65-1	n-Propylbenzene	ND		50	43.4	87	42.7	85	2	51-138/14
100-42-5	Styrene	ND		50	46.0	92	46.2	92	0	59-132/13
75-65-0	Tert Butyl Alcohol	ND		250	251	100	259	104	3	57-153/16
994-05-8	tert-Amyl Methyl Ether	ND		50	47.8	96	47.1	94	1	60-133/11
637-92-3	tert-Butyl Ethyl Ether	ND		50	41.1	82	41.2	82	0	59-134/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		50	49.7	99	49.3	99	1	69-134/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	43.8	88	44.2	88	1	65-128/12
127-18-4	Tetrachloroethene	ND		50	45.7	91	44.1	88	4	52-143/15
108-88-3	Toluene	ND		50	44.8	90	43.7	87	2	47-140/12
87-61-6	1,2,3-Trichlorobenzene	ND		50	48.3	97	49.4	99	2	62-137/14
120-82-1	1,2,4-Trichlorobenzene	ND		50	49.2	98	49.9	100	1	64-136/14
71-55-6	1,1,1-Trichloroethane	ND		50	42.5	85	41.6	83	2	55-146/15
79-00-5	1,1,2-Trichloroethane	ND		50	48.5	97	48.3	97	0	70-129/12
79-01-6	Trichloroethene	ND		50	44.3	89	43.0	86	3	54-142/14
75-69-4	Trichlorofluoromethane	ND		50	38.7	77	37.4	75	3	45-159/19
96-18-4	1,2,3-Trichloropropane	ND		50	47.5	95	47.7	95	0	64-137/13
95-63-6	1,2,4-Trimethylbenzene	ND		50	44.6	89	44.4	89	0	40-147/12
108-67-8	1,3,5-Trimethylbenzene	ND		50	43.6	87	43.0	86	1	50-142/13
75-01-4	Vinyl chloride	ND		50	34.1	68	34.6	69	1	42-145/18
	m,p-Xylene	ND		100	90.0	90	88.2	88	2	39-141/12
95-47-6	o-Xylene	ND		50	46.2	92	45.5	91	2	51-138/12
1330-20-7	Xylene (total)	ND		150	136	91	134	89	1	42-140/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83850-1MS	2A112871.D	1	08/18/11	HSS	n/a	n/a	V2A4811
JA83850-1MSD	2A112872.D	1	08/18/11	HSS	n/a	n/a	V2A4811
JA83850-1	2A112861.D	1	08/18/11	HSS	n/a	n/a	V2A4811

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-4, JA83213-6

CAS No.	Surrogate Recoveries	MS	MSD	JA83850-1	Limits
1868-53-7	Dibromofluoromethane	111%	111%	112%	77-120%
17060-07-0	1,2-Dichloroethane-D4	104%	103%	103%	70-127%
2037-26-5	Toluene-D8	110%	109%	107%	79-120%
460-00-4	4-Bromofluorobenzene	99%	100%	97%	76-118%

Duplicate Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83213-8DUP	2A112743.D	1	08/16/11	HSS	n/a	n/a	V2A4806
JA83213-8	2A112742.D	1	08/15/11	HSS	n/a	n/a	V2A4806

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-1, JA83213-2, JA83213-3, JA83213-5, JA83213-6, JA83213-7, JA83213-8, JA83213-9, JA83213-10, JA83213-11, JA83213-12, JA83213-13

CAS No.	Compound	JA83213-8 ug/l	Q	DUP ug/l	Q	RPD	Limits
67-64-1	Acetone	19.5		ND		200* [a]	16
71-43-2	Benzene	ND		ND		nc	10
108-86-1	Bromobenzene	ND		ND		nc	10
74-97-5	Bromochloromethane	ND		ND		nc	10
75-27-4	Bromodichloromethane	ND		ND		nc	12
75-25-2	Bromoform	ND		ND		nc	10
74-83-9	Bromomethane	ND		ND		nc	10
78-93-3	2-Butanone (MEK)	ND		ND		nc	10
104-51-8	n-Butylbenzene	ND		ND		nc	10
135-98-8	sec-Butylbenzene	ND		ND		nc	10
98-06-6	tert-Butylbenzene	ND		ND		nc	10
56-23-5	Carbon tetrachloride	ND		ND		nc	10
108-90-7	Chlorobenzene	ND		ND		nc	10
75-00-3	Chloroethane	ND		ND		nc	10
67-66-3	Chloroform	ND		ND		nc	11
74-87-3	Chloromethane	ND		ND		nc	10
95-49-8	o-Chlorotoluene	ND		ND		nc	10
106-43-4	p-Chlorotoluene	ND		ND		nc	10
108-20-3	Di-Isopropyl ether	ND		ND		nc	10
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	10
124-48-1	Dibromochloromethane	ND		ND		nc	10
106-93-4	1,2-Dibromoethane	ND		ND		nc	10
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	10
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	10
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	10
75-71-8	Dichlorodifluoromethane	ND		ND		nc	10
75-34-3	1,1-Dichloroethane	ND		ND		nc	10
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
75-35-4	1,1-Dichloroethene	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethene	ND		ND		nc	10
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	10
78-87-5	1,2-Dichloropropane	ND		ND		nc	10
142-28-9	1,3-Dichloropropane	ND		ND		nc	10
594-20-7	2,2-Dichloropropane	ND		ND		nc	10
563-58-6	1,1-Dichloropropene	ND		ND		nc	10
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	10

Duplicate Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83213-8DUP	2A112743.D	1	08/16/11	HSS	n/a	n/a	V2A4806
JA83213-8	2A112742.D	1	08/15/11	HSS	n/a	n/a	V2A4806

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-1, JA83213-2, JA83213-3, JA83213-5, JA83213-6, JA83213-7, JA83213-8, JA83213-9, JA83213-10, JA83213-11, JA83213-12, JA83213-13

CAS No.	Compound	JA83213-8 ug/l	Q	DUP ug/l	Q	RPD	Limits
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	10
100-41-4	Ethylbenzene	ND		ND		nc	12
87-68-3	Hexachlorobutadiene	ND		ND		nc	10
98-82-8	Isopropylbenzene	ND		ND		nc	10
99-87-6	p-Isopropyltoluene	ND		ND		nc	10
1634-04-4	Methyl Tert Butyl Ether	0.64	J	0.89	J	33* [a]	16
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		ND		nc	10
74-95-3	Methylene bromide	ND		ND		nc	10
75-09-2	Methylene chloride	1.5	J	2.2		38* [a]	10
91-20-3	Naphthalene	ND		ND		nc	14
103-65-1	n-Propylbenzene	ND		ND		nc	10
100-42-5	Styrene	ND		ND		nc	10
75-65-0	Tert Butyl Alcohol	ND		ND		nc	11
994-05-8	tert-Amyl Methyl Ether	ND		ND		nc	10
637-92-3	tert-Butyl Ethyl Ether	ND		ND		nc	10
630-20-6	1,1,1,2-Tetrachloroethane	ND		ND		nc	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	10
127-18-4	Tetrachloroethene	ND		ND		nc	13
108-88-3	Toluene	ND		ND		nc	10
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	10
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	10
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	10
79-01-6	Trichloroethene	ND		ND		nc	12
75-69-4	Trichlorofluoromethane	ND		ND		nc	10
96-18-4	1,2,3-Trichloropropane	ND		ND		nc	10
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	10
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	10
75-01-4	Vinyl chloride	ND		ND		nc	10
	m,p-Xylene	ND		ND		nc	12
95-47-6	o-Xylene	ND		ND		nc	12
1330-20-7	Xylene (total)	ND		ND		nc	13

Duplicate Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83213-8DUP	2A112743.D	1	08/16/11	HSS	n/a	n/a	V2A4806
JA83213-8	2A112742.D	1	08/15/11	HSS	n/a	n/a	V2A4806

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83213-1, JA83213-2, JA83213-3, JA83213-5, JA83213-6, JA83213-7, JA83213-8, JA83213-9, JA83213-10, JA83213-11, JA83213-12, JA83213-13

CAS No.	Surrogate Recoveries	DUP	JA83213-8	Limits
1868-53-7	Dibromofluoromethane	109%	110%	77-120%
17060-07-0	1,2-Dichloroethane-D4	102%	103%	70-127%
2037-26-5	Toluene-D8	107%	108%	79-120%
460-00-4	4-Bromofluorobenzene	99%	98%	76-118%

(a) High RPD due to possible sample analyzed from different vials.

Instrument Performance Check (BFB)

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2A4764-BFB
Lab File ID: 2A111730.D
Instrument ID: GCMS2A
Injection Date: 07/21/11
Injection Time: 16:46

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	14.99 - 40.0% of mass 95	8562	19.6		Pass
75	30.0 - 60.0% of mass 95	20608	47.1		Pass
95	Base peak, 100% relative abundance	43717	100.0		Pass
96	5.0 - 9.0% of mass 95	3033	6.94		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	39093	89.4		Pass
175	5.0 - 9.0% of mass 174	3094	7.08	(7.91) [a]	Pass
176	95.0 - 101.0% of mass 174	38538	88.2	(98.6) [a]	Pass
177	5.0 - 9.0% of mass 176	2627	6.01	(6.82) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2A4764-IC4764	2A111731.D	07/21/11	17:16	00:30	Initial cal 0.5
V2A4764-IC4764	2A111732.D	07/21/11	17:46	01:00	Initial cal 1
V2A4764-IC4764	2A111733.D	07/21/11	18:16	01:30	Initial cal 2
V2A4764-IC4764	2A111734.D	07/21/11	18:46	02:00	Initial cal 5
V2A4764-IC4764	2A111735.D	07/21/11	19:16	02:30	Initial cal 10
V2A4764-IC4764	2A111736.D	07/21/11	19:46	03:00	Initial cal 20
V2A4764-ICC4764	2A111737.D	07/21/11	20:15	03:29	Initial cal 50
V2A4764-IC4764	2A111738.D	07/21/11	20:45	03:59	Initial cal 100
V2A4764-IC4764	2A111739.D	07/21/11	21:15	04:29	Initial cal 200
V2A4764-ICV4764	2A111742.D	07/21/11	22:45	05:59	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2A4806-BFB
Lab File ID: 2A112734.D
Instrument ID: GCMS2A
Injection Date: 08/15/11
Injection Time: 19:55

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	8406	17.8		Pass
75	30.0 - 60.0% of mass 95	21642	45.9		Pass
95	Base peak, 100% relative abundance	47146	100.0		Pass
96	5.0 - 9.0% of mass 95	3092	6.56		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	46488	98.6		Pass
175	5.0 - 9.0% of mass 174	3726	7.90	(8.01) [a]	Pass
176	95.0 - 101.0% of mass 174	45210	95.9	(97.3) [a]	Pass
177	5.0 - 9.0% of mass 176	2960	6.28	(6.55) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2A4806-CC4764	2A112735.D	08/15/11	20:21	00:26	Continuing cal 50
V2A4806-MB	2A112737.D	08/15/11	21:20	01:25	Method Blank
V2A4806-BS	2A112738.D	08/15/11	21:49	01:54	Blank Spike
JA83213-7MS	2A112739.D	08/15/11	22:19	02:24	Matrix Spike
JA83213-7	2A112741.D	08/15/11	23:18	03:23	137675-750 BNR
JA83213-8	2A112742.D	08/15/11	23:47	03:52	137675-750 BNS
JA83213-8DUP	2A112743.D	08/16/11	00:16	04:21	Duplicate
JA83213-1	2A112744.D	08/16/11	00:46	04:51	137675-RW-19
JA83213-1	2A112745.D	08/16/11	01:15	05:20	137675-RW-19
JA83213-2	2A112746.D	08/16/11	01:45	05:50	137675-RW-20
JA83213-3	2A112747.D	08/16/11	02:14	06:19	137675-RW-21
JA83213-3	2A112748.D	08/16/11	02:43	06:48	137675-RW-21
JA83213-5	2A112750.D	08/16/11	03:42	07:47	137675-RW-23
JA83213-6	2A112751.D	08/16/11	04:12	08:17	137675-750 BND
JA83213-9	2A112753.D	08/16/11	05:11	09:16	137675-730BND
JA83213-10	2A112754.D	08/16/11	05:40	09:45	137675-730BNS
JA83213-11	2A112755.D	08/16/11	06:10	10:15	710 BRYANTS NURSERY
JA83213-12	2A112756.D	08/16/11	06:39	10:44	711 BRYANTS NURSERY
JA83213-13	2A112757.D	08/16/11	07:09	11:14	720 BRYANTS NURSERY
ZZZZZZ	2A112758.D	08/16/11	07:38	11:43	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2A4809-BFB
Lab File ID: 2A112809.D
Instrument ID: GCMS2A
Injection Date: 08/17/11
Injection Time: 09:27

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	14.99 - 40.0% of mass 95	6874	18.2		Pass
75	30.0 - 60.0% of mass 95	17399	46.2		Pass
95	Base peak, 100% relative abundance	37698	100.0		Pass
96	5.0 - 9.0% of mass 95	2615	6.94		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	37256	98.8		Pass
175	5.0 - 9.0% of mass 174	3003	7.97	(8.06) [a]	Pass
176	95.0 - 101.0% of mass 174	35989	95.5	(96.6) [a]	Pass
177	5.0 - 9.0% of mass 176	2513	6.67	(6.98) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2A4809-CC4764	2A112810.D	08/17/11	10:02	00:35	Continuing cal 20
V2A4809-MB	2A112812.D	08/17/11	11:07	01:40	Method Blank
V2A4809-BS	2A112813.D	08/17/11	11:42	02:15	Blank Spike
ZZZZZZ	2A112816.D	08/17/11	13:16	03:49	(unrelated sample)
JA83159-3	2A112817.D	08/17/11	13:46	04:19	(used for QC only; not part of job JA83213)
JA83159-3MS	2A112818.D	08/17/11	14:15	04:48	Matrix Spike
JA83159-3MSD	2A112819.D	08/17/11	14:45	05:18	Matrix Spike Duplicate
ZZZZZZ	2A112822.D	08/17/11	16:13	06:46	(unrelated sample)
ZZZZZZ	2A112823.D	08/17/11	16:43	07:16	(unrelated sample)
ZZZZZZ	2A112824.D	08/17/11	17:12	07:45	(unrelated sample)
ZZZZZZ	2A112825.D	08/17/11	17:41	08:14	(unrelated sample)
ZZZZZZ	2A112826.D	08/17/11	18:11	08:44	(unrelated sample)
ZZZZZZ	2A112827.D	08/17/11	18:40	09:13	(unrelated sample)
ZZZZZZ	2A112828.D	08/17/11	19:10	09:43	(unrelated sample)
JA83213-2	2A112829.D	08/17/11	19:39	10:12	137675-RW-20
JA83213-4	2A112830.D	08/17/11	20:09	10:42	137675-RW-22
JA83213-5	2A112831.D	08/17/11	20:38	11:11	137675-RW-23
JA83213-14	2A112832.D	08/17/11	21:08	11:41	721 BRYANTS NURSERY

Instrument Performance Check (BFB)

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2A4811-BFB
Lab File ID: 2A112854.D
Instrument ID: GCMS2A
Injection Date: 08/18/11
Injection Time: 07:55

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	6356	18.1		Pass
75	30.0 - 60.0% of mass 95	16389	46.6		Pass
95	Base peak, 100% relative abundance	35162	100.0		Pass
96	5.0 - 9.0% of mass 95	2384	6.78		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	35064	99.7		Pass
175	5.0 - 9.0% of mass 174	2823	8.03	(8.05) [a]	Pass
176	95.0 - 101.0% of mass 174	33928	96.5	(96.8) [a]	Pass
177	5.0 - 9.0% of mass 176	2375	6.75	(7.00) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2A4811-CC4764	2A112856.D	08/18/11	09:02	01:07	Continuing cal 20
V2A4811-MB	2A112858.D	08/18/11	10:08	02:13	Method Blank
V2A4811-BS	2A112859.D	08/18/11	10:43	02:48	Blank Spike
ZZZZZZ	2A112860.D	08/18/11	11:12	03:17	(unrelated sample)
JA83850-1	2A112861.D	08/18/11	11:42	03:47	(used for QC only; not part of job JA83213)
ZZZZZZ	2A112862.D	08/18/11	12:11	04:16	(unrelated sample)
ZZZZZZ	2A112863.D	08/18/11	12:40	04:45	(unrelated sample)
ZZZZZZ	2A112864.D	08/18/11	13:10	05:15	(unrelated sample)
ZZZZZZ	2A112865.D	08/18/11	13:40	05:45	(unrelated sample)
ZZZZZZ	2A112866.D	08/18/11	14:09	06:14	(unrelated sample)
ZZZZZZ	2A112867.D	08/18/11	14:39	06:44	(unrelated sample)
ZZZZZZ	2A112868.D	08/18/11	15:08	07:13	(unrelated sample)
ZZZZZZ	2A112869.D	08/18/11	15:38	07:43	(unrelated sample)
ZZZZZZ	2A112870.D	08/18/11	16:07	08:12	(unrelated sample)
JA83850-1MS	2A112871.D	08/18/11	16:37	08:42	Matrix Spike
JA83850-1MSD	2A112872.D	08/18/11	17:06	09:11	Matrix Spike Duplicate
JA83213-4	2A112873.D	08/18/11	17:36	09:41	137675-RW-22
JA83213-6	2A112874.D	08/18/11	18:05	10:10	137675-750 BND
ZZZZZZ	2A112875.D	08/18/11	18:35	10:40	(unrelated sample)
ZZZZZZ	2A112876.D	08/18/11	19:04	11:09	(unrelated sample)
ZZZZZZ	2A112877.D	08/18/11	19:33	11:38	(unrelated sample)

Volatile Surrogate Recovery Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JA83213-1	2A112745.D	110.0	103.0	108.0	98.0
JA83213-1	2A112744.D	109.0	103.0	106.0	98.0
JA83213-2	2A112829.D	109.0	102.0	109.0	98.0
JA83213-2	2A112746.D	110.0	104.0	109.0	98.0
JA83213-3	2A112748.D	110.0	103.0	108.0	98.0
JA83213-3	2A112747.D	110.0	105.0	109.0	99.0
JA83213-4	2A112830.D	109.0	103.0	110.0	97.0
JA83213-4	2A112873.D	111.0	102.0	107.0	97.0
JA83213-5	2A112831.D	110.0	102.0	109.0	97.0
JA83213-5	2A112750.D	111.0	103.0	108.0	97.0
JA83213-6	2A112874.D	114.0	104.0	109.0	97.0
JA83213-6	2A112751.D	110.0	105.0	107.0	97.0
JA83213-7	2A112741.D	96.0	102.0	108.0	98.0
JA83213-8	2A112742.D	110.0	103.0	108.0	98.0
JA83213-9	2A112753.D	110.0	105.0	108.0	97.0
JA83213-10	2A112754.D	110.0	105.0	108.0	98.0
JA83213-11	2A112755.D	110.0	105.0	104.0	98.0
JA83213-12	2A112756.D	110.0	105.0	106.0	98.0
JA83213-13	2A112757.D	110.0	104.0	105.0	97.0
JA83213-14	2A112832.D	110.0	103.0	108.0	97.0
JA83159-3MS	2A112818.D	111.0	103.0	109.0	101.0
JA83159-3MSD	2A112819.D	111.0	101.0	110.0	101.0
JA83213-7MS	2A112739.D	102.0	103.0	109.0	101.0
JA83213-8DUP	2A112743.D	109.0	102.0	107.0	99.0
JA83850-1MS	2A112871.D	111.0	104.0	110.0	99.0
JA83850-1MSD	2A112872.D	111.0	103.0	109.0	100.0
V2A4806-BS	2A112738.D	112.0	102.0	109.0	103.0
V2A4806-MB	2A112737.D	111.0	101.0	108.0	98.0
V2A4809-BS	2A112813.D	112.0	105.0	109.0	100.0
V2A4809-MB	2A112812.D	112.0	104.0	107.0	96.0
V2A4811-BS	2A112859.D	113.0	105.0	110.0	99.0
V2A4811-MB	2A112858.D	111.0	103.0	107.0	96.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	77-120%
S2 = 1,2-Dichloroethane-D4	70-127%
S3 = Toluene-D8	79-120%
S4 = 4-Bromofluorobenzene	76-118%

New Jersey

ACCUTEST LABORATORIES

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3620-MB2	UV91458.D	1	08/18/11	RP	n/a	n/a	GUV3620

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83213-1, JA83213-2, JA83213-3, JA83213-5, JA83213-6

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	81%	68-114%

Method Blank Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3620-MB3	UV91469.D	1	08/18/11	RP	n/a	n/a	GUV3620

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83213-4, JA83213-7, JA83213-8, JA83213-9, JA83213-12

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	82%	68-114%

Method Blank Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3621-MB1	UV91480.D	1	08/19/11	RP	n/a	n/a	GUV3621

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83213-10, JA83213-11, JA83213-13, JA83213-14

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	80%	68-114%

Method Blank Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3620-MB1	UV91447.D	1	08/18/11	RP	n/a	n/a	GUV3620

The QC reported here applies to the following samples: **Method:** SW846 8015C

GUV3620-BS, JA83220-8MS, JA83220-8MSD

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	81%	68-114%

Blank Spike Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3620-BS	UV91456.D	1	08/18/11	RP	n/a	n/a	GUV3620

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83213-1, JA83213-2, JA83213-3, JA83213-4, JA83213-5, JA83213-6, JA83213-7, JA83213-8, JA83213-9, JA83213-12

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	7.87	98	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	105%	68-114%

Blank Spike Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3621-BS	UV91485.D	1	08/19/11	RP	n/a	n/a	GUV3621

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83213-10, JA83213-11, JA83213-13, JA83213-14

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	7.54	94	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	104%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83220-8MS	UV91454.D	1	08/18/11	RP	n/a	n/a	GUV3620
JA83220-8MSD	UV91455.D	1	08/18/11	RP	n/a	n/a	GUV3620
JA83220-8	UV91448.D	1	08/18/11	RP	n/a	n/a	GUV3620

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83213-1, JA83213-2, JA83213-3, JA83213-4, JA83213-5, JA83213-6, JA83213-7, JA83213-8, JA83213-9, JA83213-12

CAS No.	Compound	JA83220-8 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	1.47		8	8.62	89	8.64	90	0	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA83220-8	Limits
98-08-8	aaa-Trifluorotoluene	99%	99%	81%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83213-14MS	UV91486.D	1	08/19/11	RP	n/a	n/a	GUV3621
JA83213-14MSD	UV91487.D	1	08/19/11	RP	n/a	n/a	GUV3621
JA83213-14	UV91481.D	1	08/19/11	RP	n/a	n/a	GUV3621

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83213-10, JA83213-11, JA83213-13, JA83213-14

CAS No.	Compound	JA83213-14 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		8	7.92	99	7.64	96	4	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA83213-14	Limits
98-08-8	aaa-Trifluorotoluene	100%	100%	80%	68-114%

Volatile Surrogate Recovery Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
JA83213-1	UV91464.D	83.0
JA83213-2	UV91466.D	82.0
JA83213-3	UV91463.D	84.0
JA83213-4	UV91470.D	82.0
JA83213-5	UV91467.D	83.0
JA83213-6	UV91465.D	82.0
JA83213-7	UV91472.D	81.0
JA83213-8	UV91471.D	81.0
JA83213-9	UV91473.D	82.0
JA83213-10	UV91484.D	84.0
JA83213-11	UV91483.D	83.0
JA83213-12	UV91474.D	84.0
JA83213-13	UV91482.D	79.0
JA83213-14	UV91481.D	80.0
GUV3620-BS	UV91456.D	105.0
GUV3620-MB2	UV91458.D	81.0
GUV3620-MB3	UV91469.D	82.0
GUV3621-BS	UV91485.D	104.0
GUV3621-MB1	UV91480.D	80.0
JA83213-14MS	UV91486.D	100.0
JA83213-14MSD	UV91487.D	100.0
JA83220-8MS	UV91454.D	99.0
JA83220-8MSD	UV91455.D	99.0
GUV3620-MB1	UV91447.D	81.0

Surrogate Compounds	Recovery Limits
S1 = aaa-Trifluorotoluene	68-114%

(a) Recovery from GC signal #1

New Jersey
ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51258-MB1	2Z19937.D	1	08/23/11	OPM	08/12/11	OP51258	G2Z850

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83213-1, JA83213-2, JA83213-3, JA83213-4, JA83213-5, JA83213-6, JA83213-7, JA83213-8, JA83213-9, JA83213-10, JA83213-11, JA83213-12, JA83213-13, JA83213-14

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	87%	34-131%
16416-32-3	Tetracosane-d50	61%	15-119%
438-22-2	5a-Androstane	58%	11-119%

Blank Spike Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51258-BS1	2Z19938.D	1	08/23/11	OPM	08/12/11	OP51258	G2Z850

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83213-1, JA83213-2, JA83213-3, JA83213-4, JA83213-5, JA83213-6, JA83213-7, JA83213-8, JA83213-9, JA83213-10, JA83213-11, JA83213-12, JA83213-13, JA83213-14

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-DRO (C10-C28)	1	0.585	59	36-118

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	70%	34-131%
16416-32-3	Tetracosane-d50	58%	15-119%
438-22-2	5a-Androstane	56%	11-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51258-MS	2Z19955.D	1	08/24/11	OPM	08/12/11	OP51258	G2Z850
OP51258-MSD	2Z19958.D	1	08/24/11	OPM	08/12/11	OP51258	G2Z850
JA83213-1	2Z19939.D	1	08/23/11	OPM	08/12/11	OP51258	G2Z850

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83213-1, JA83213-2, JA83213-3, JA83213-4, JA83213-5, JA83213-6, JA83213-7, JA83213-8, JA83213-9, JA83213-10, JA83213-11, JA83213-12, JA83213-13, JA83213-14

CAS No.	Compound	JA83213-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	ND		2.08	1.96	94	1.97	95	1	10-132/38

CAS No.	Surrogate Recoveries	MS	MSD	JA83213-1	Limits
84-15-1	o-Terphenyl	86%	87%	95%	34-131%
16416-32-3	Tetracosane-d50	88%	88%	91%	15-119%
438-22-2	5a-Androstane	84%	85%	85%	11-119%

Semivolatile Surrogate Recovery Summary

Job Number: JA83213
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

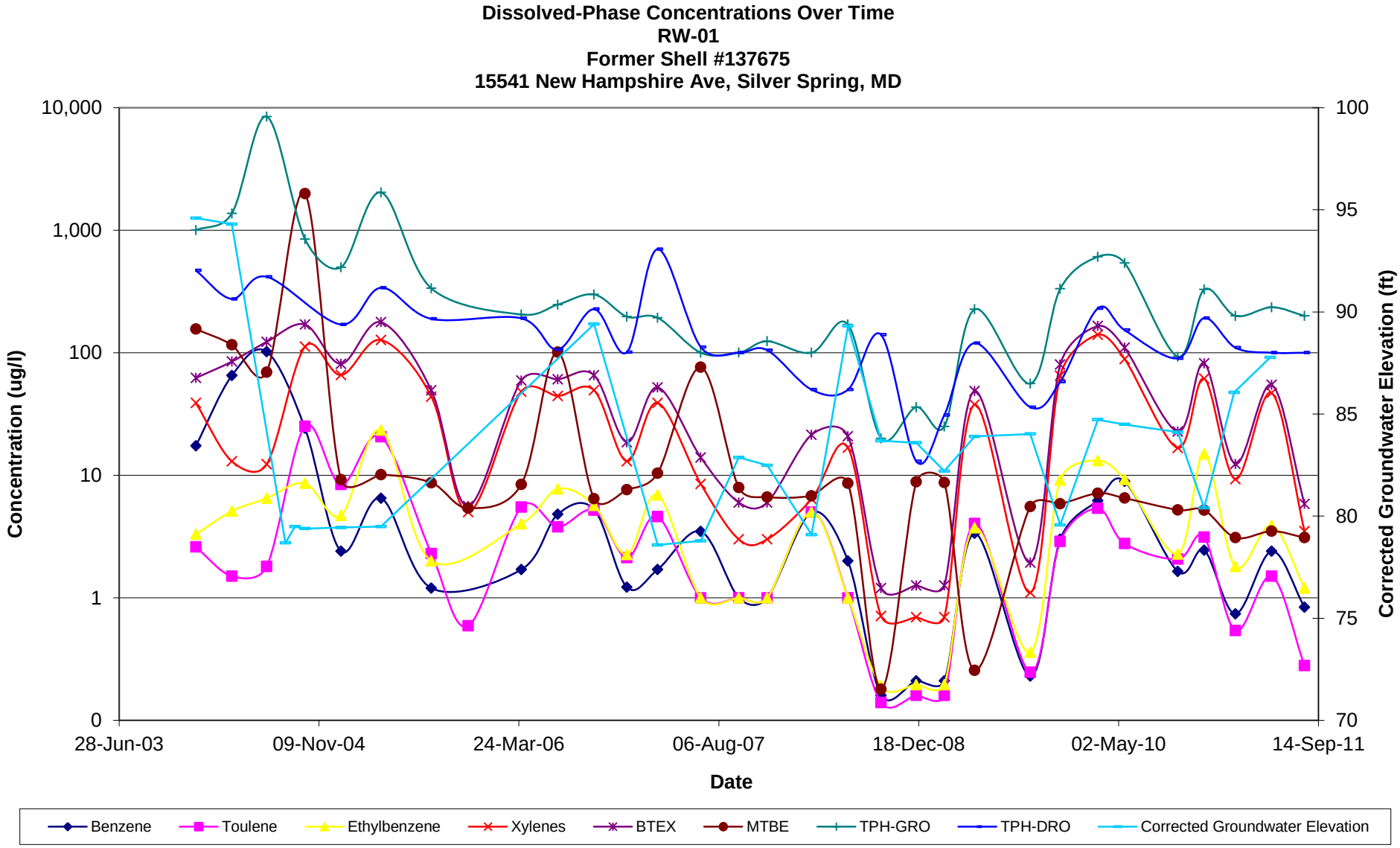
Lab Sample ID	Lab File ID	S1 [a]	S2 [a]	S3 [a]
JA83213-1	2Z19939.D	95.0	91.0	85.0
JA83213-2	2Z19940.D	83.0	79.0	75.0
JA83213-3	2Z19941.D	93.0	89.0	85.0
JA83213-4	2Z19942.D	94.0	90.0	85.0
JA83213-5	2Z19943.D	94.0	91.0	87.0
JA83213-6	2Z19944.D	84.0	78.0	74.0
JA83213-7	2Z19947.D	95.0	87.0	82.0
JA83213-8	2Z19948.D	35.0	30.0	28.0
JA83213-9	2Z19949.D	89.0	86.0	83.0
JA83213-10	2Z19950.D	84.0	79.0	75.0
JA83213-11	2Z19951.D	86.0	82.0	79.0
JA83213-12	2Z19952.D	82.0	80.0	75.0
JA83213-13	2Z19953.D	81.0	79.0	75.0
JA83213-14	2Z19954.D	88.0	83.0	76.0
OP51258-BS1	2Z19938.D	70.0	58.0	56.0
OP51258-MB1	2Z19937.D	87.0	61.0	58.0
OP51258-MS	2Z19955.D	86.0	88.0	84.0
OP51258-MSD	2Z19958.D	87.0	88.0	85.0

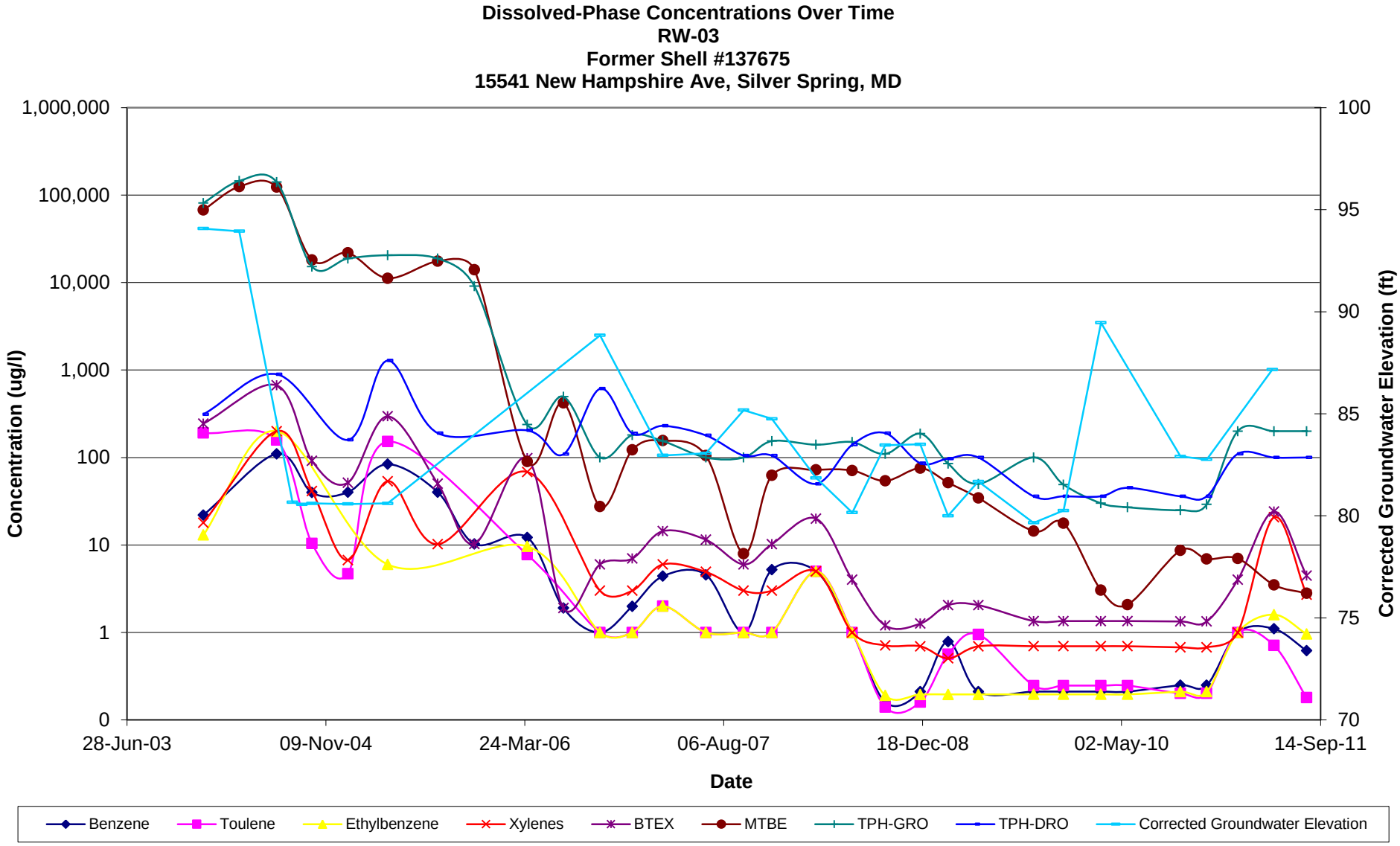
Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	34-131%
S2 = Tetracosane-d50	15-119%
S3 = 5a-Androstane	11-119%

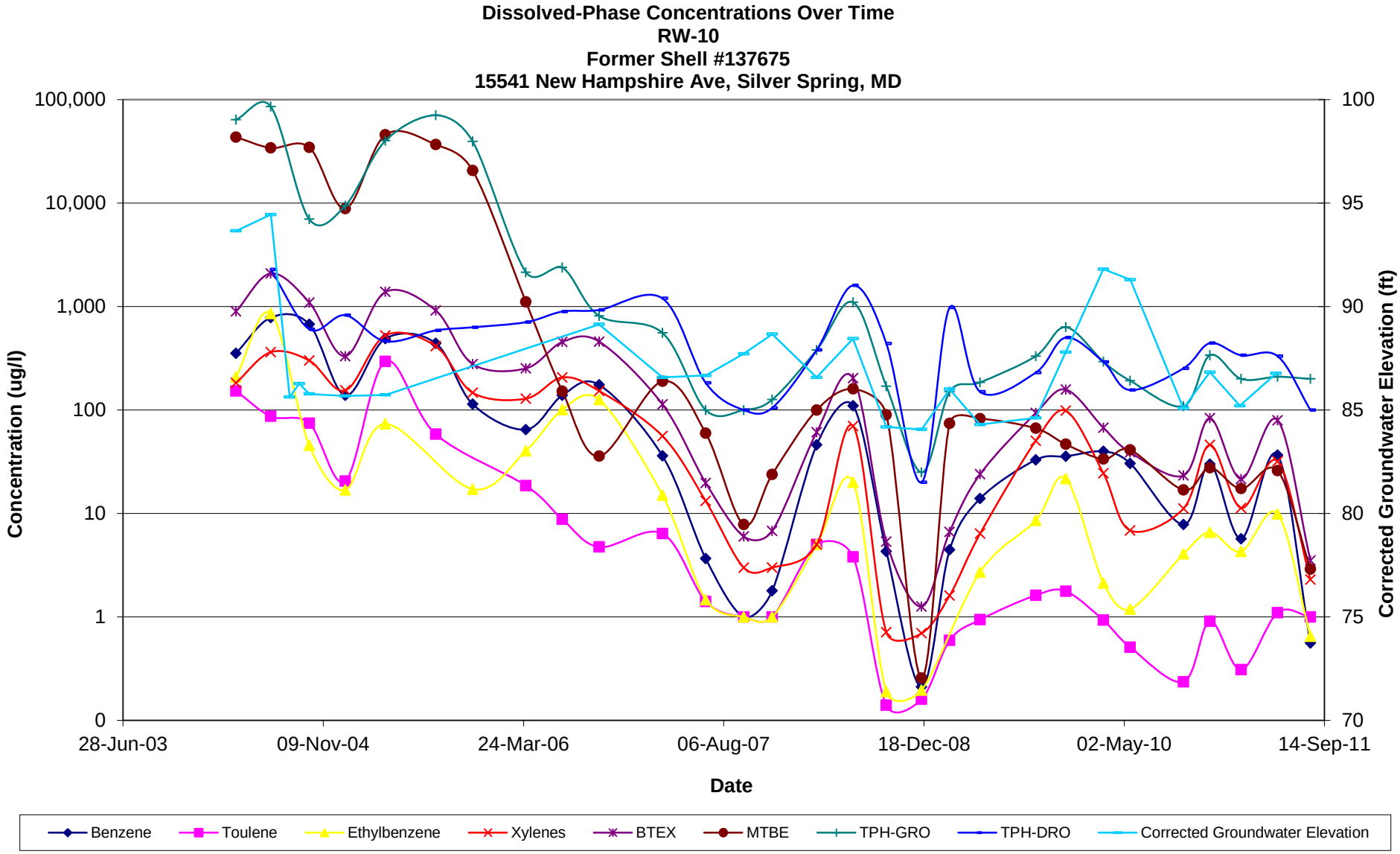
(a) Recovery from GC signal #1

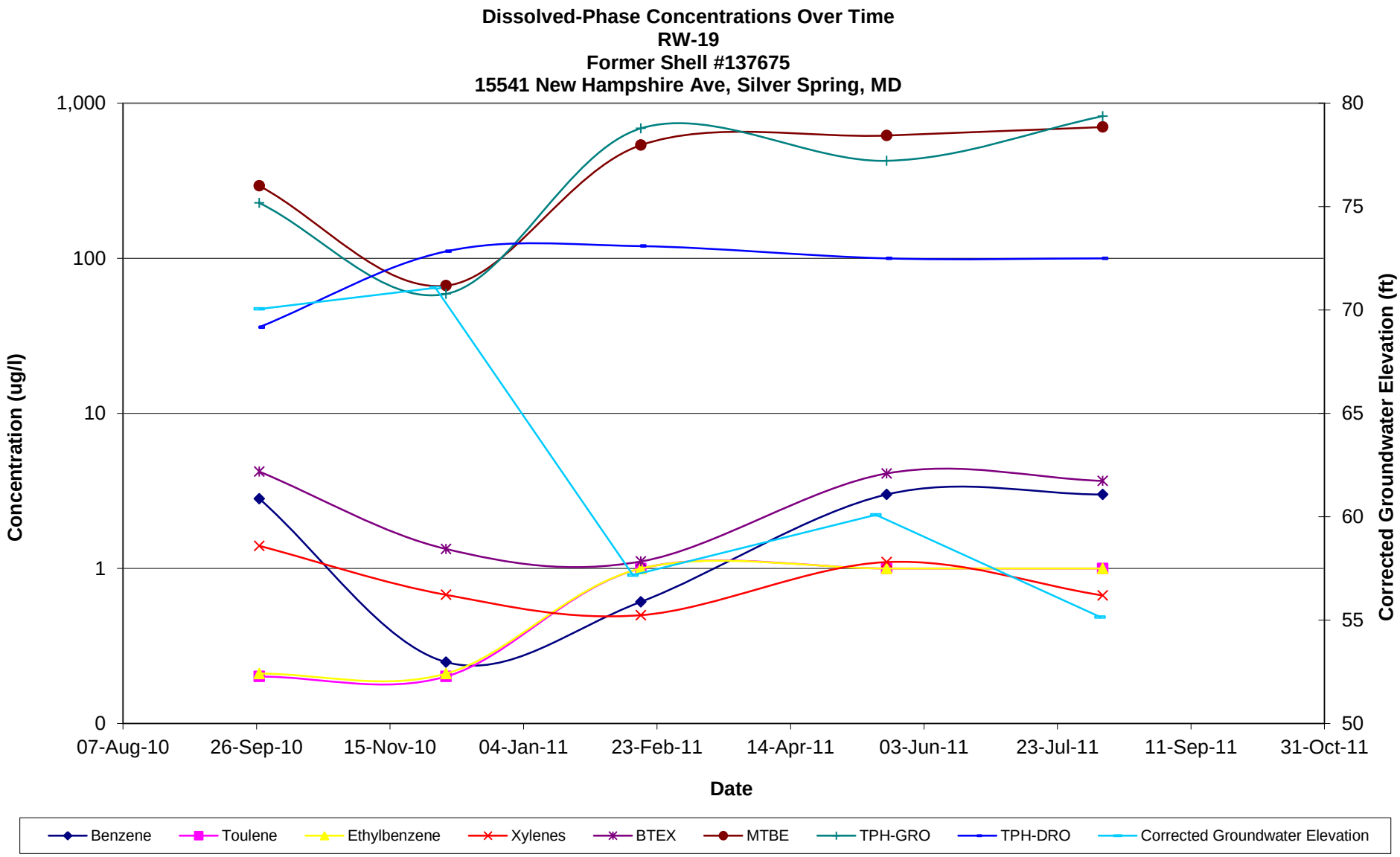
Appendix B

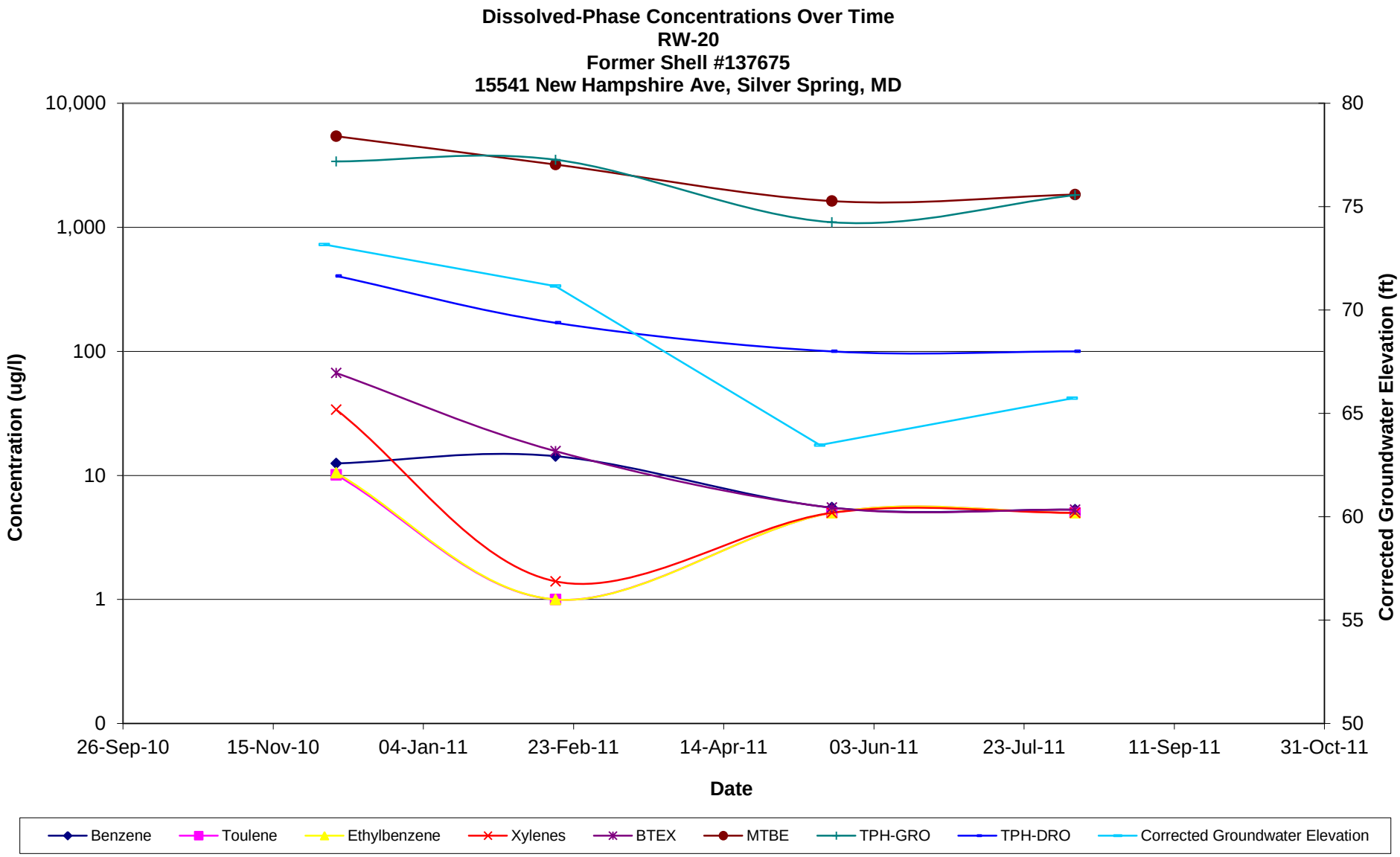
Groundwater Concentration Trend Graphs

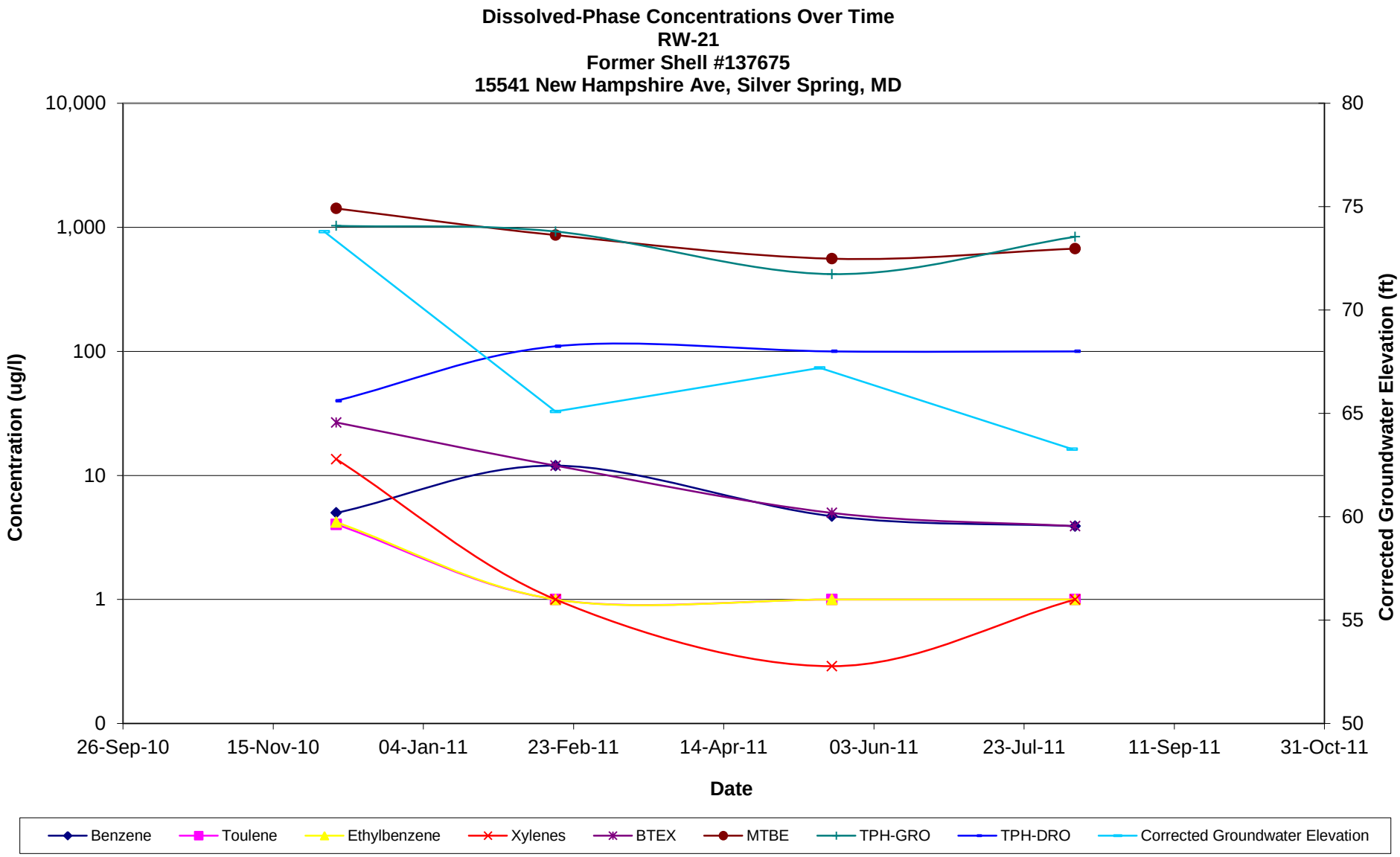

Dissolved-Phase Concentrations Over Time
RW-01
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
28-Jun-03
09-Nov-04
24-Mar-06
06-Aug-07
18-Dec-08
02-May-10
14-Sep-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

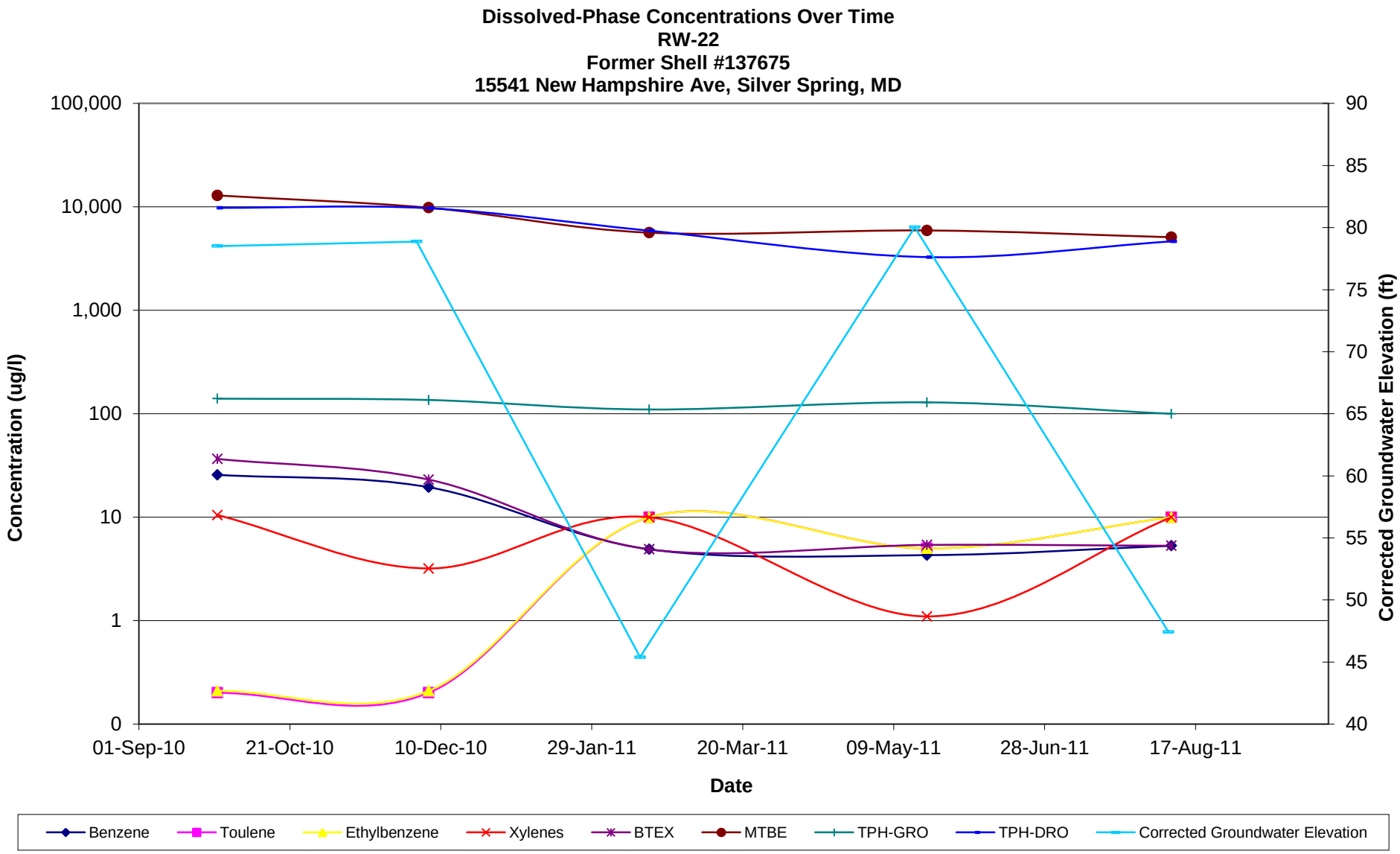

Dissolved-Phase Concentrations Over Time
RW-03
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000,000
100,000
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
28-Jun-03
09-Nov-04
24-Mar-06
06-Aug-07
18-Dec-08
02-May-10
14-Sep-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

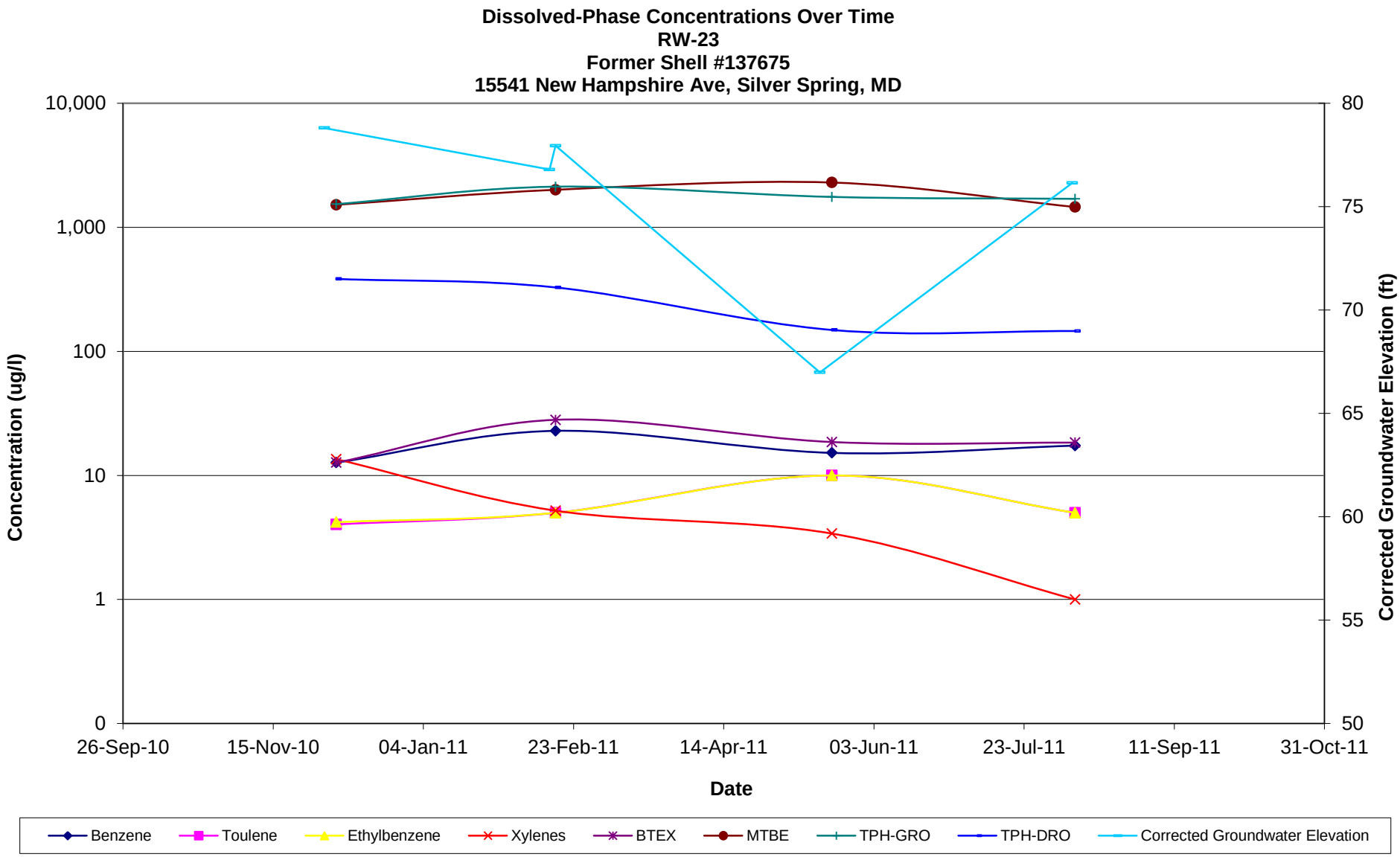

Dissolved-Phase Concentrations Over Time
RW-10
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
100,000
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
28-Jun-03
09-Nov-04
24-Mar-06
06-Aug-07
18-Dec-08
02-May-10
14-Sep-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

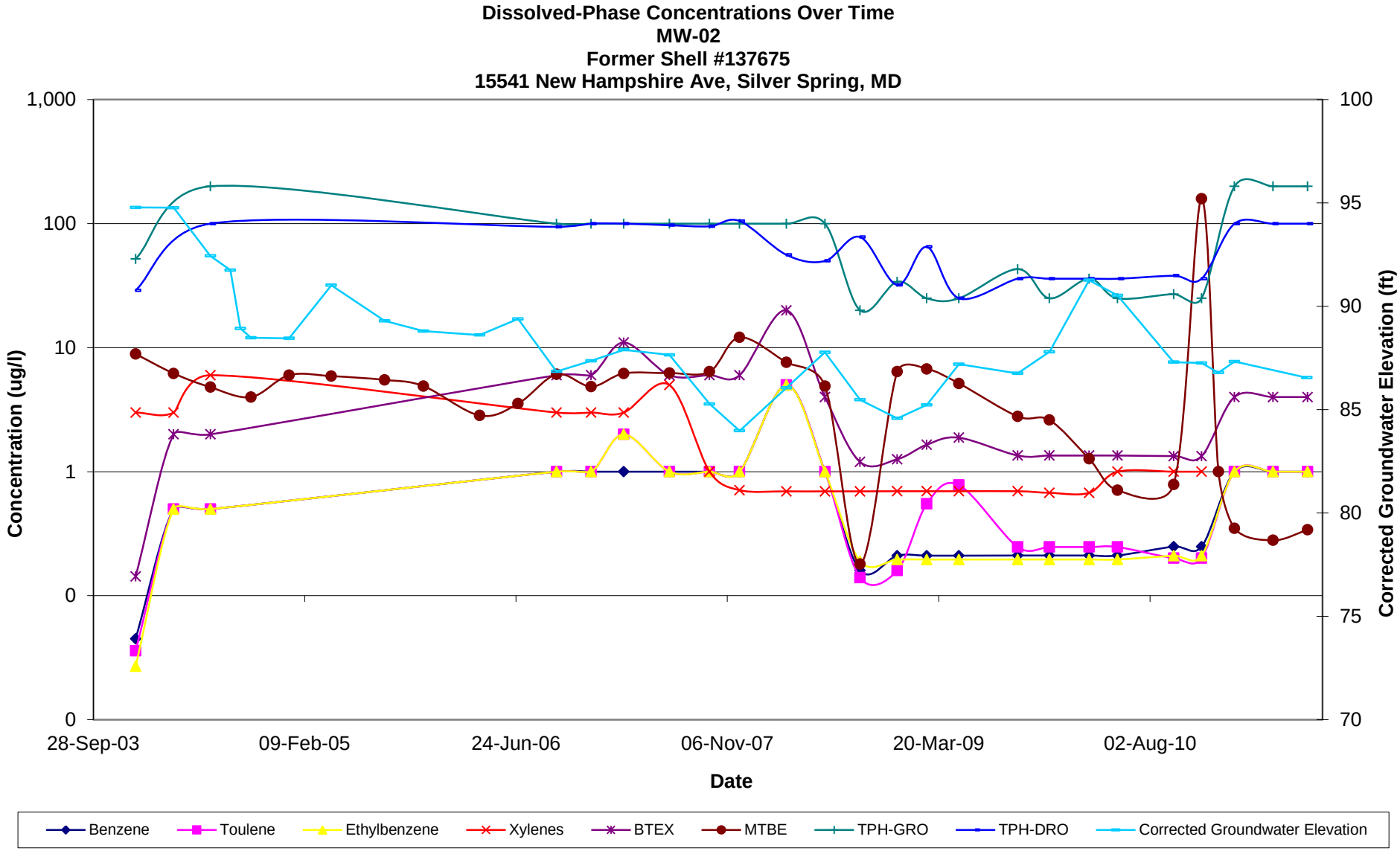

Dissolved-Phase Concentrations Over Time
RW-19
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
80
75
70
65
60
55
50
07-Aug-10
26-Sep-10
15-Nov-10
04-Jan-11
23-Feb-11
14-Apr-11
03-Jun-11
23-Jul-11
11-Sep-11
31-Oct-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

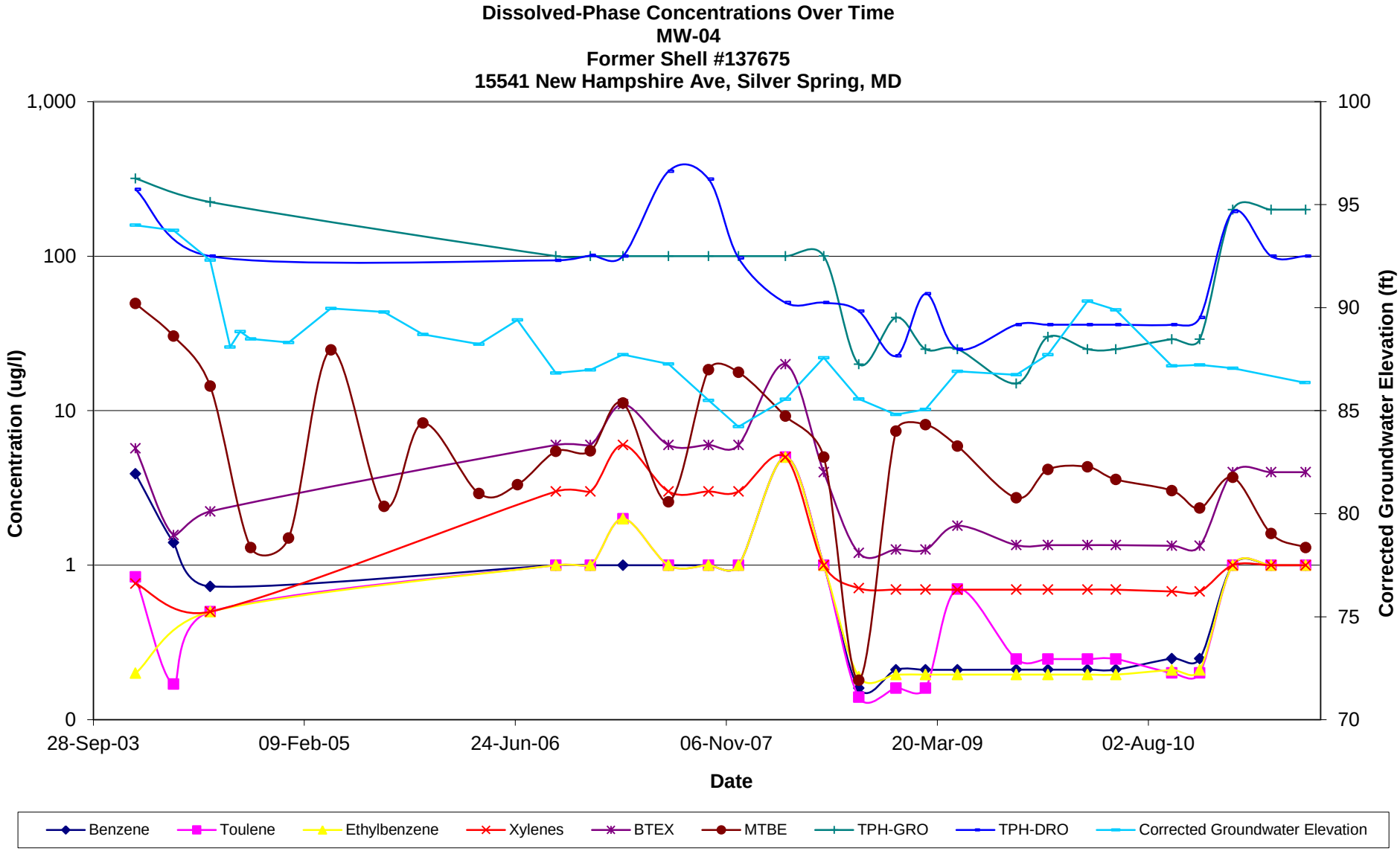

Dissolved-Phase Concentrations Over Time
RW-20
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
80
75
70
65
60
55
50
26-Sep-10
15-Nov-10
04-Jan-11
23-Feb-11
14-Apr-11
03-Jun-11
23-Jul-11
11-Sep-11
31-Oct-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

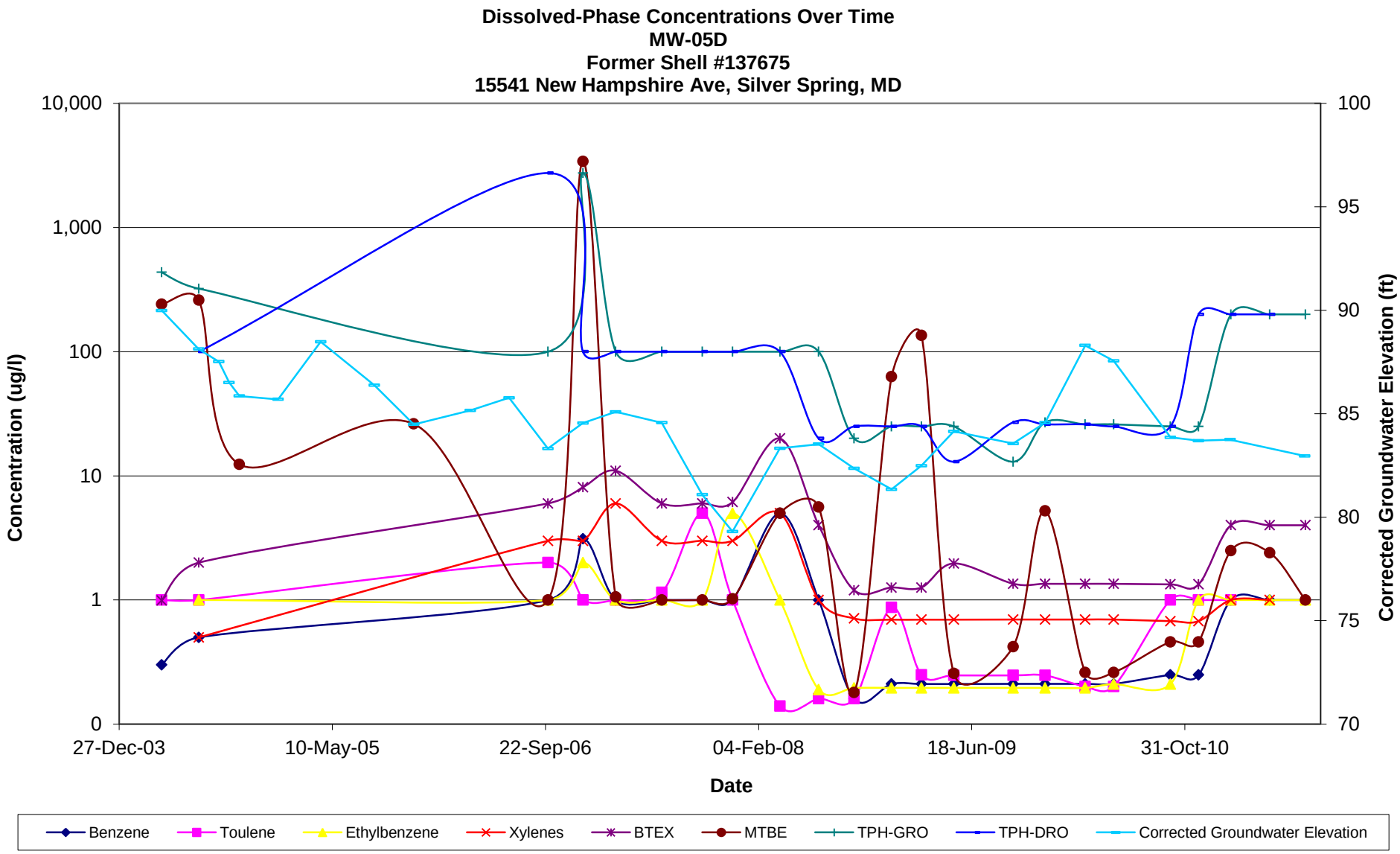

Dissolved-Phase Concentrations Over Time
RW-21
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
80
75
70
65
60
55
50
26-Sep-10
15-Nov-10
04-Jan-11
23-Feb-11
14-Apr-11
03-Jun-11
23-Jul-11
11-Sep-11
31-Oct-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

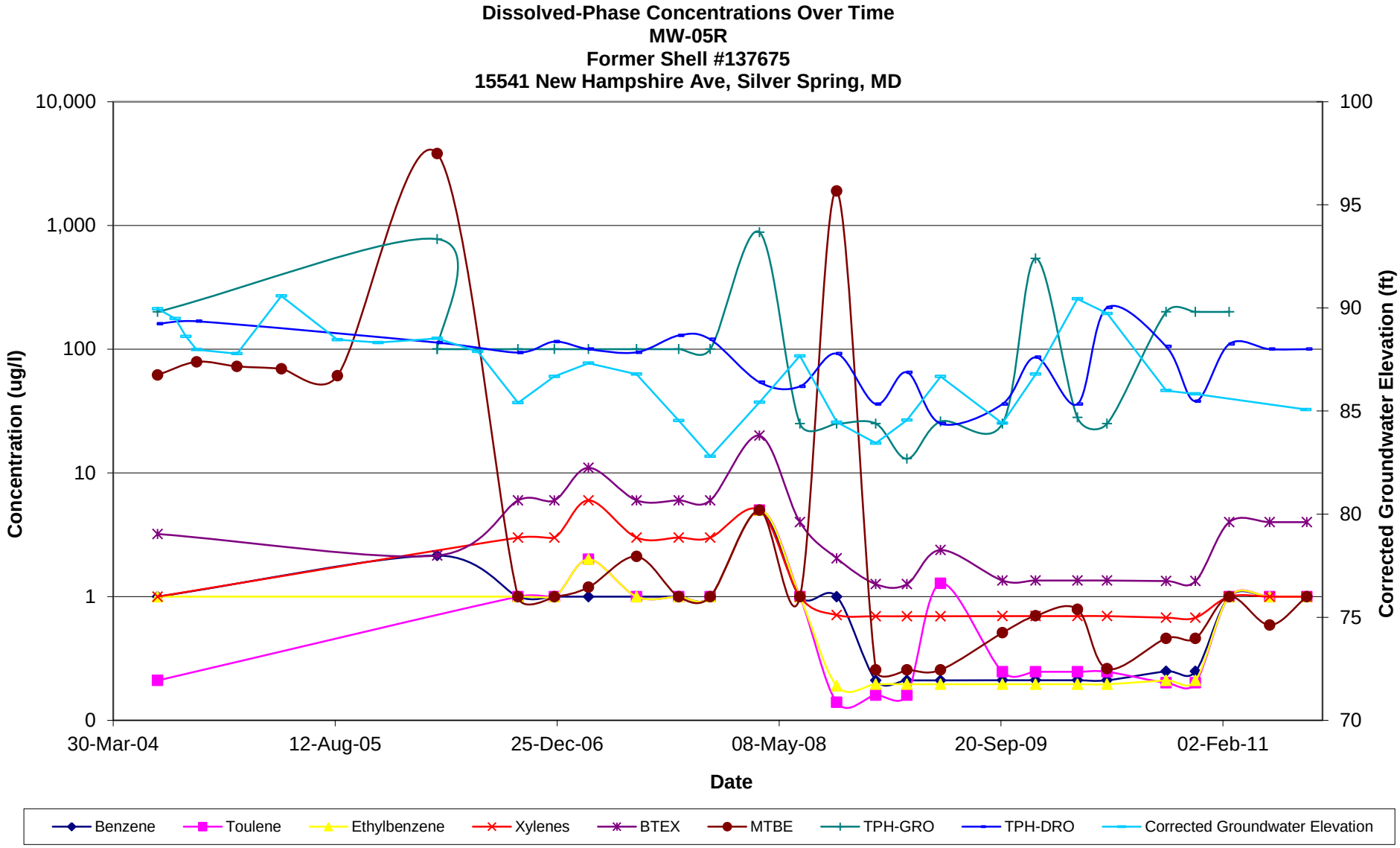

Dissolved-Phase Concentrations Over Time
RW-22
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
100,000
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
90
85
80
75
70
65
60
55
50
45
40
01-Sep-10
21-Oct-10
10-Dec-10
29-Jan-11
20-Mar-11
09-May-11
28-Jun-11
17-Aug-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

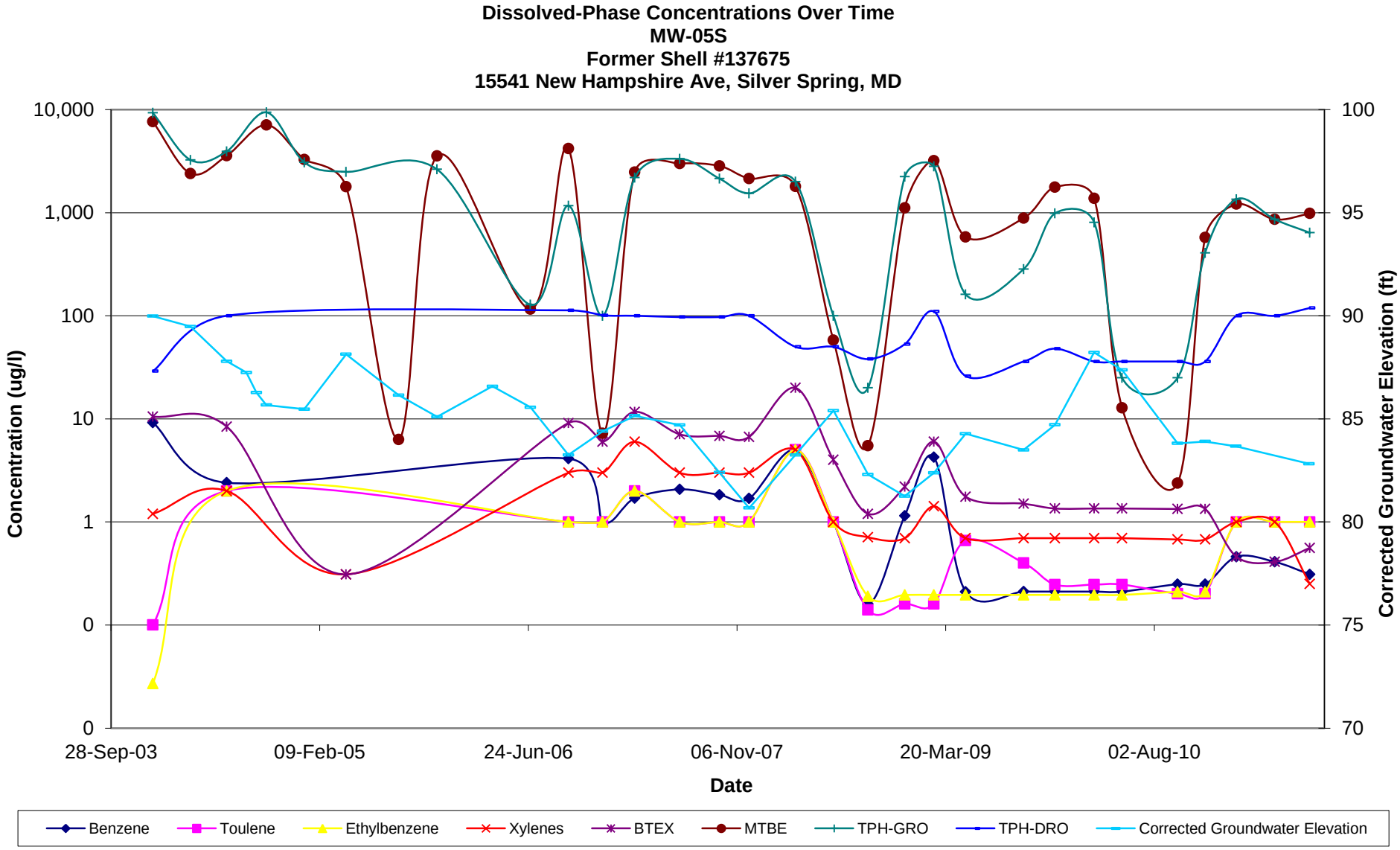

Dissolved-Phase Concentrations Over Time
RW-23
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
80
75
70
65
60
55
50
26-Sep-10
15-Nov-10
04-Jan-11
23-Feb-11
14-Apr-11
03-Jun-11
23-Jul-11
11-Sep-11
31-Oct-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

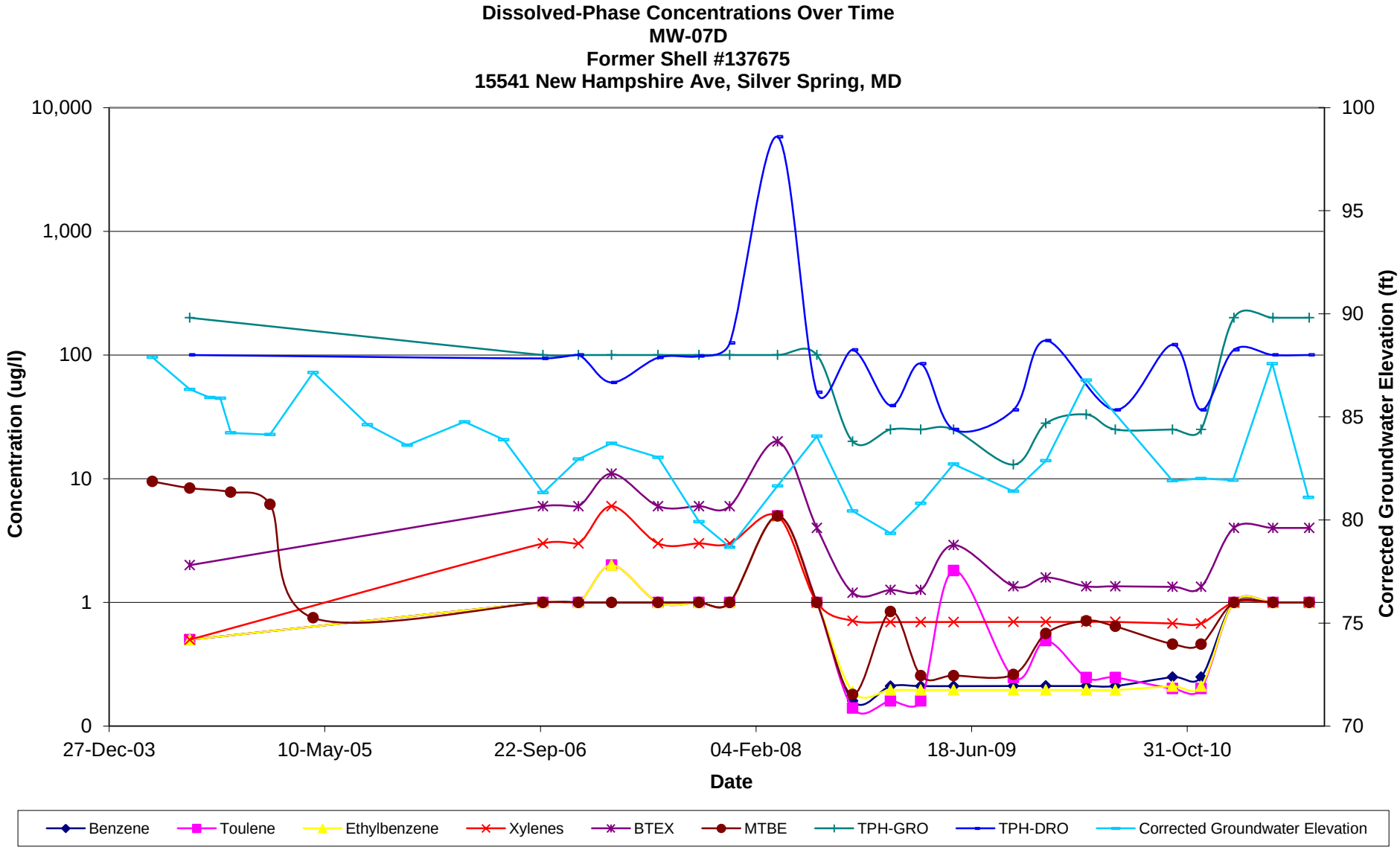

Dissolved-Phase Concentrations Over Time
MW-02
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
1,000
100
10
1
0
0
100
95
90
85
80
75
70
Concentration (ug/l)
Corrected Groundwater Elevation (ft)
28-Sep-03
09-Feb-05
24-Jun-06
06-Nov-07
20-Mar-09
02-Aug-10
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

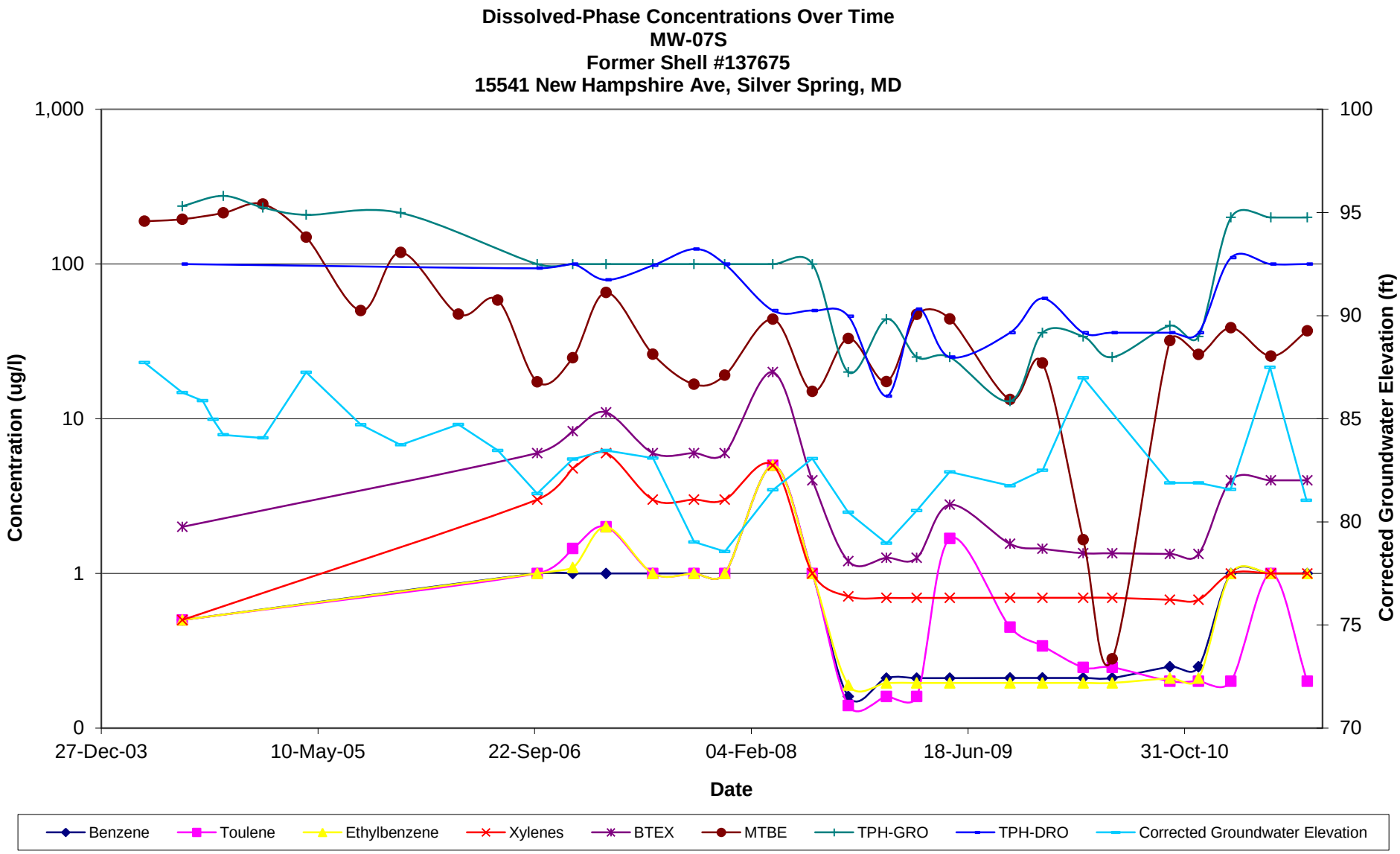

Dissolved-Phase Concentrations Over Time
MW-04
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
28-Sep-03
09-Feb-05
24-Jun-06
06-Nov-07
20-Mar-09
02-Aug-10
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

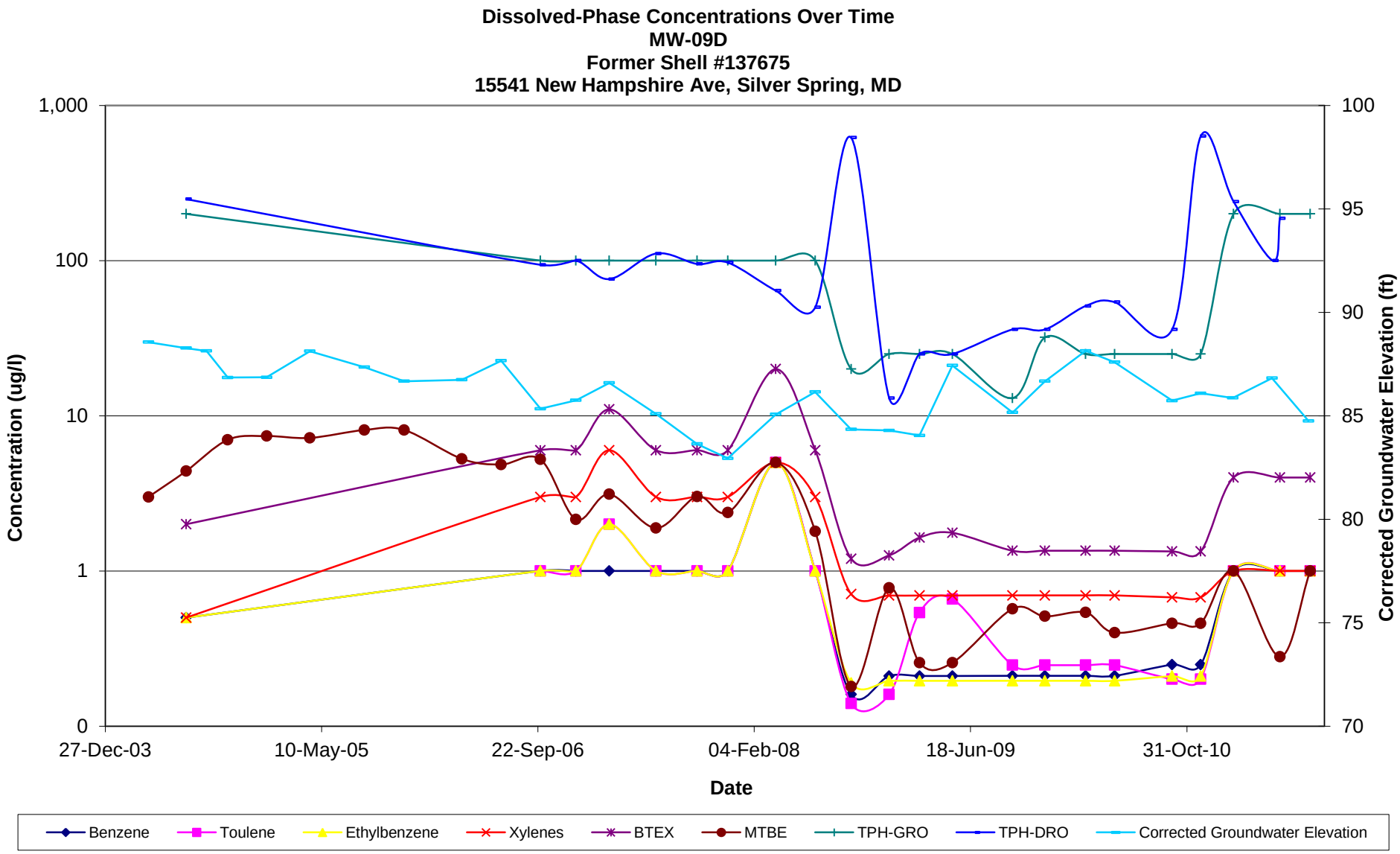

Dissolved-Phase Concentrations Over Time
MW-05D
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
27-Dec-03
10-May-05
22-Sep-06
04-Feb-08
18-Jun-09
31-Oct-10
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

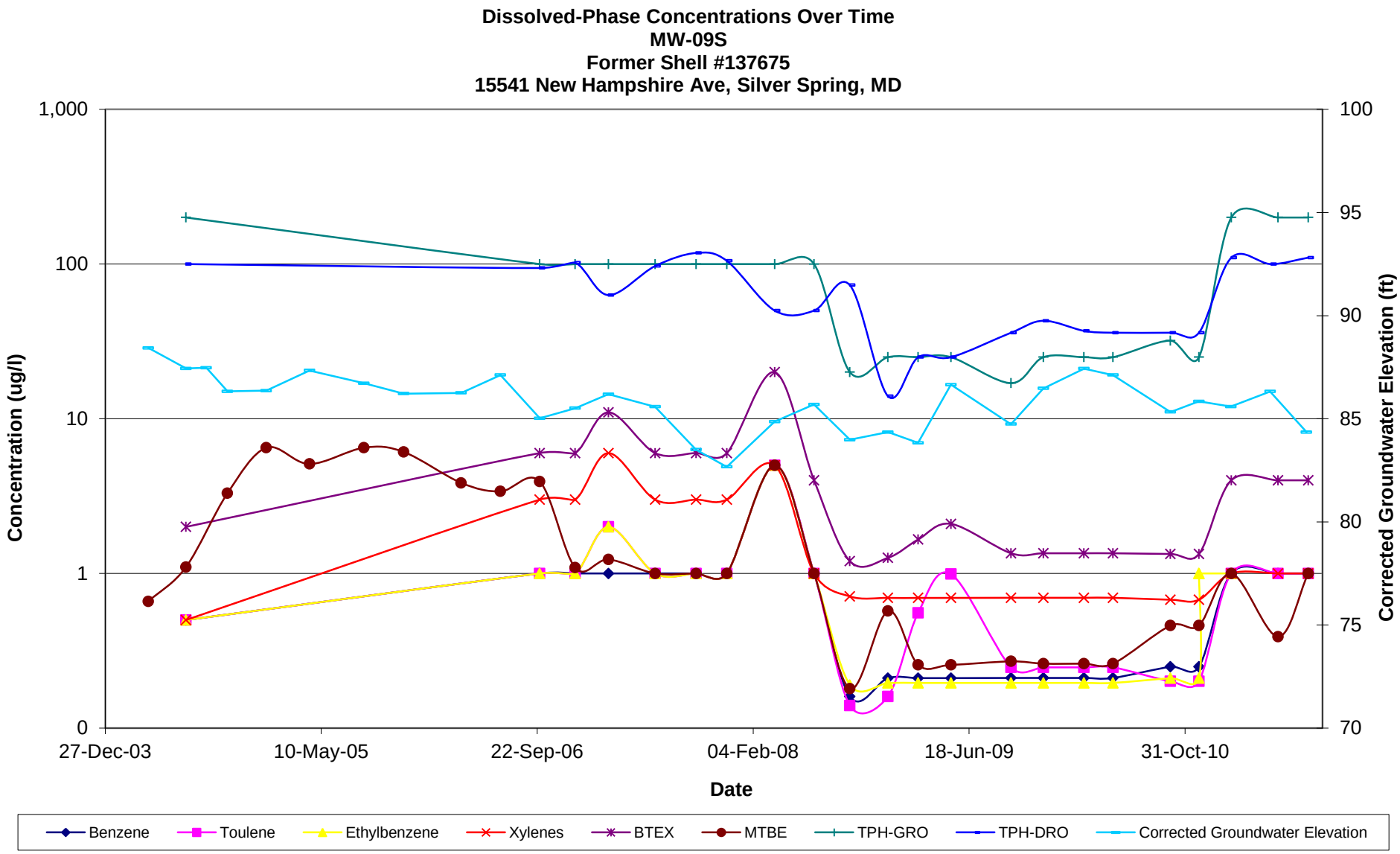

Dissolved-Phase Concentrations Over Time
MW-05R
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
30-Mar-04
12-Aug-05
25-Dec-06
08-May-08
20-Sep-09
02-Feb-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

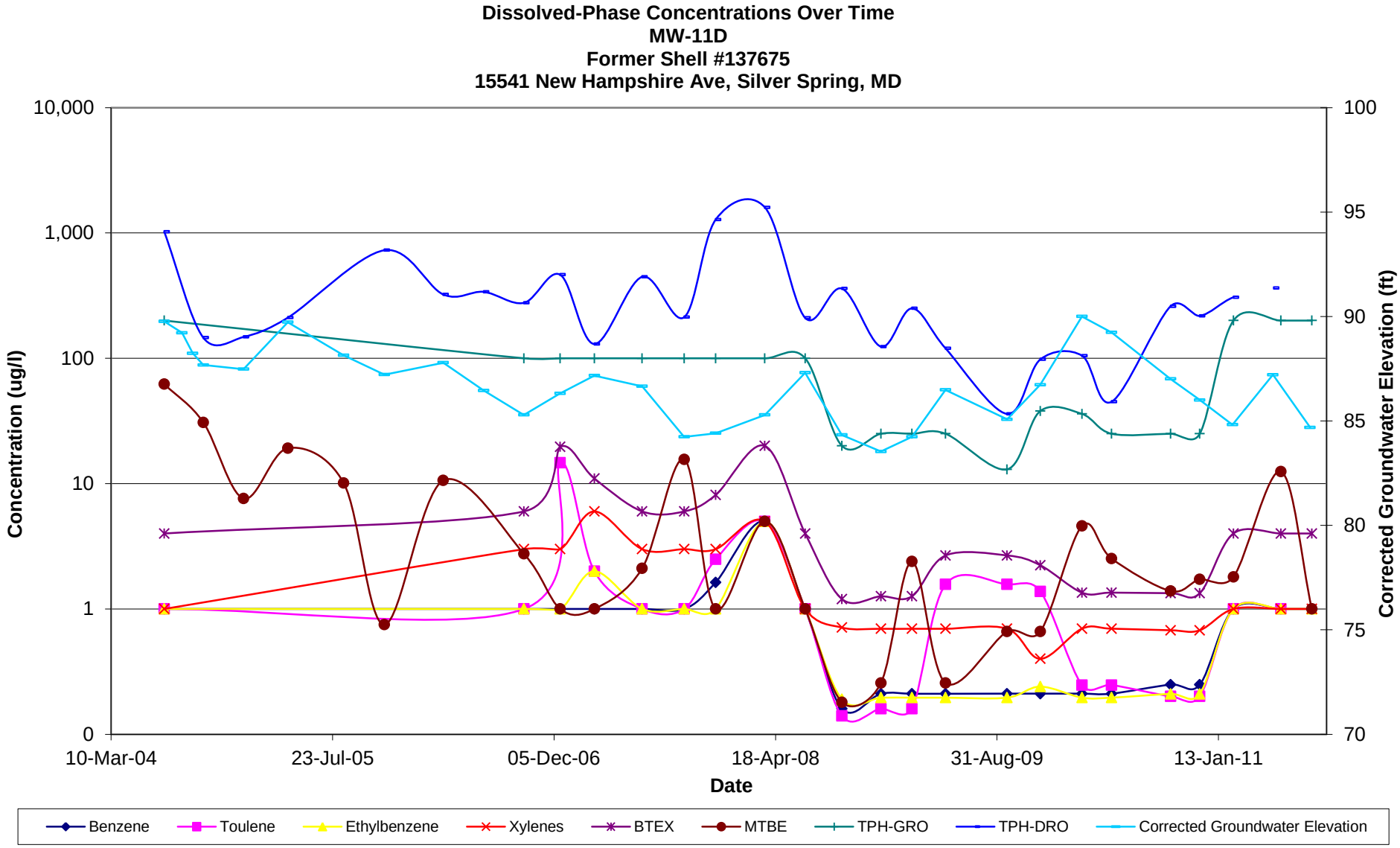

Dissolved-Phase Concentrations Over Time
MW-05S
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
28-Sep-03
09-Feb-05
24-Jun-06
06-Nov-07
20-Mar-09
02-Aug-10
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

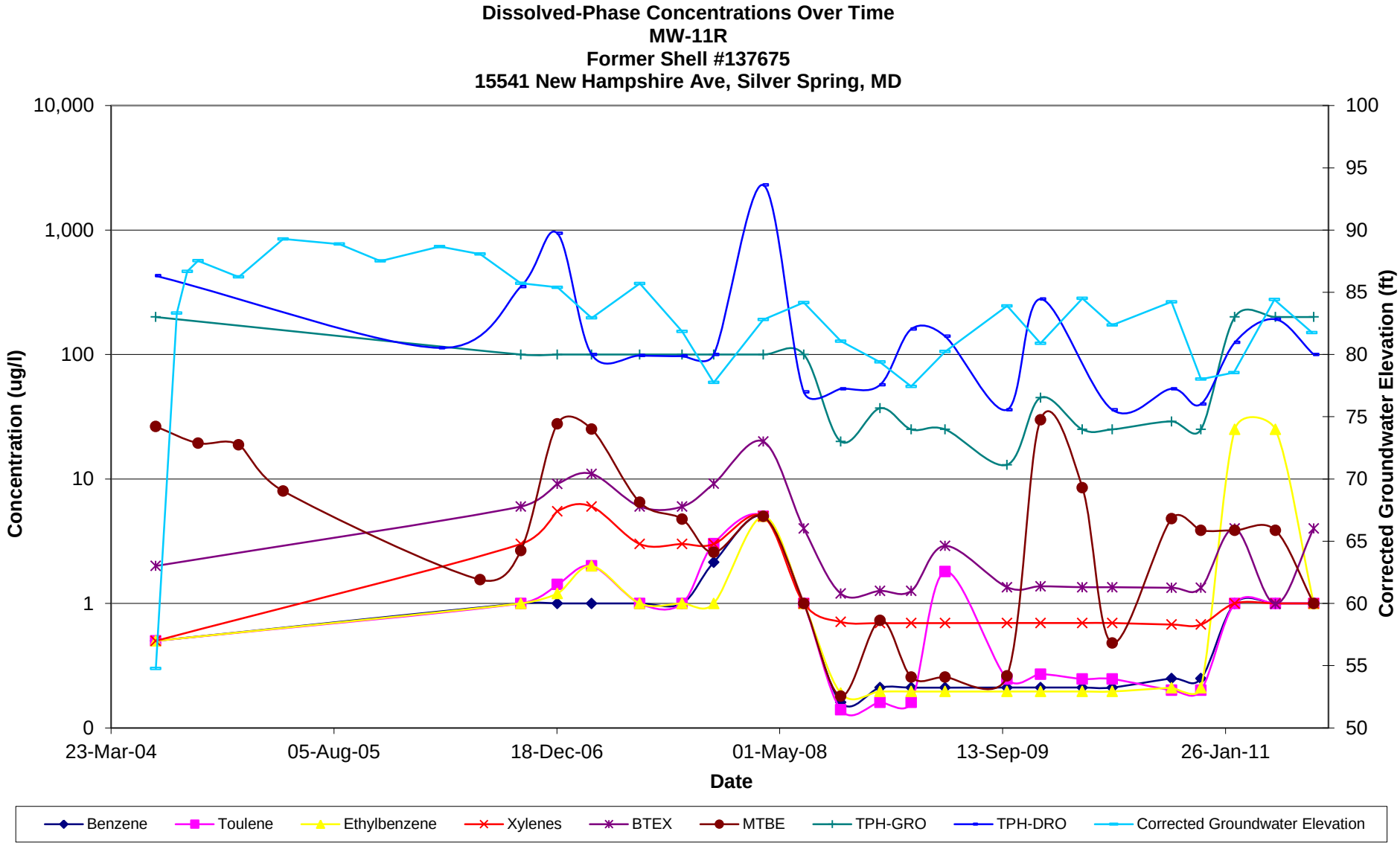

Dissolved-Phase Concentrations Over Time
MW-07D
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
27-Dec-03
10-May-05
22-Sep-06
04-Feb-08
18-Jun-09
31-Oct-10
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

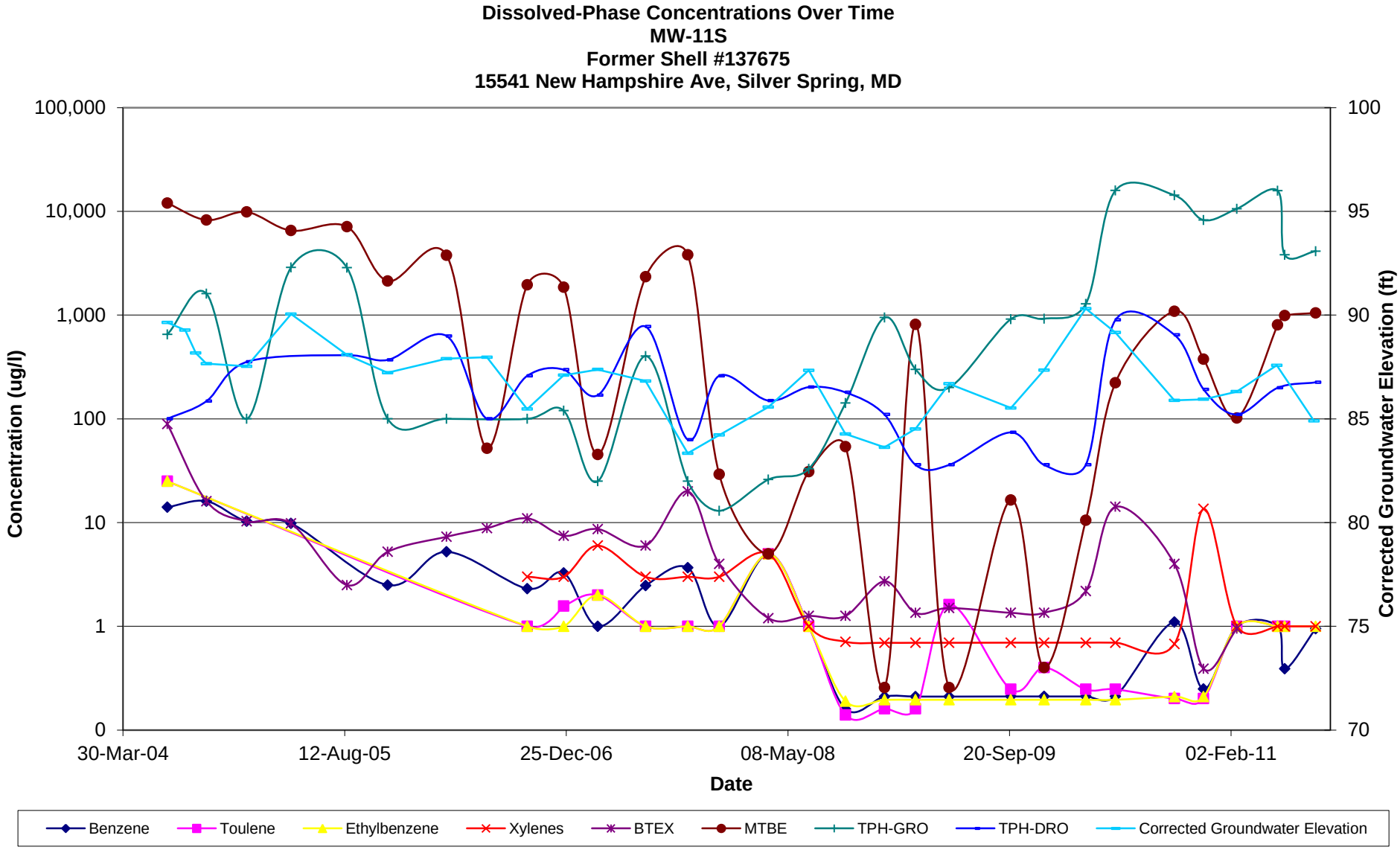

Dissolved-Phase Concentrations Over Time
MW-07S
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
1,000
100
10
1
0
Concentration (ug/l)
100
95
90
85
80
75
70
Corrected Groundwater Elevation (ft)
27-Dec-03
10-May-05
22-Sep-06
04-Feb-08
18-Jun-09
31-Oct-10
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

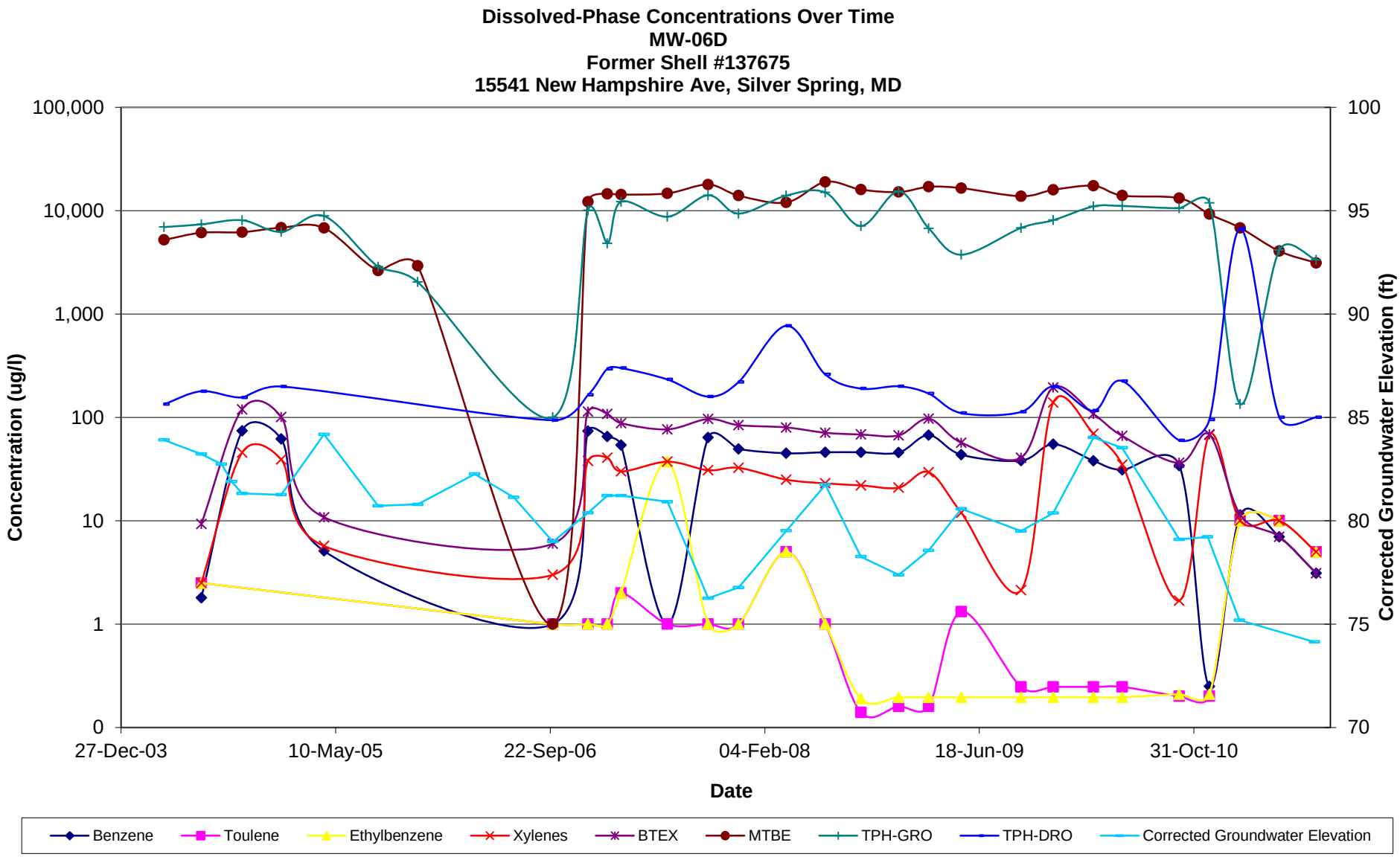

Dissolved-Phase Concentrations Over Time
MW-09D
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
27-Dec-03
10-May-05
22-Sep-06
04-Feb-08
18-Jun-09
31-Oct-10
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

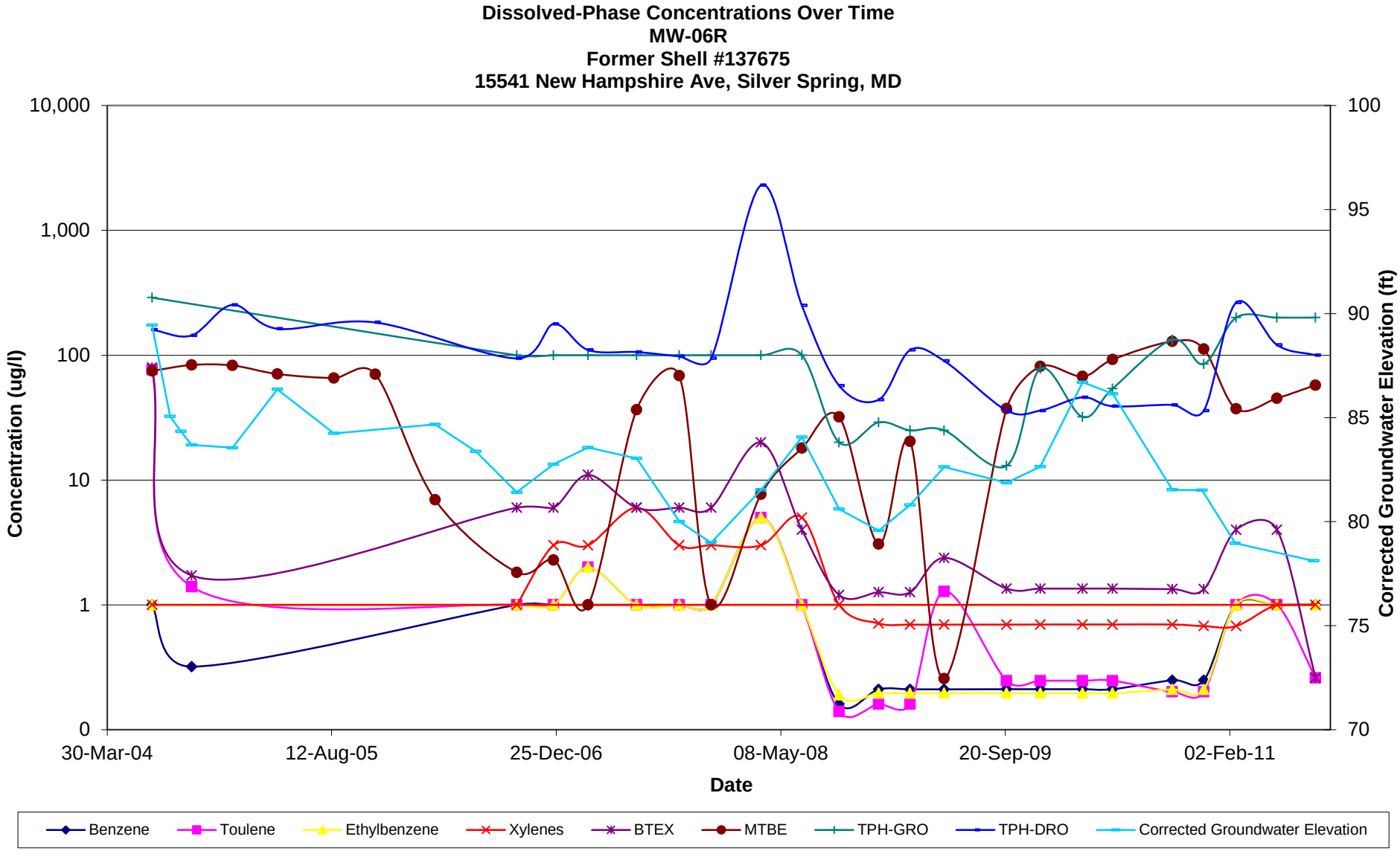

Dissolved-Phase Concentrations Over Time
MW-09S
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
1,000
100
10
1
0
Concentration (ug/l)
100
95
90
85
80
75
70
Corrected Groundwater Elevation (ft)
27-Dec-03
10-May-05
22-Sep-06
04-Feb-08
18-Jun-09
31-Oct-10
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

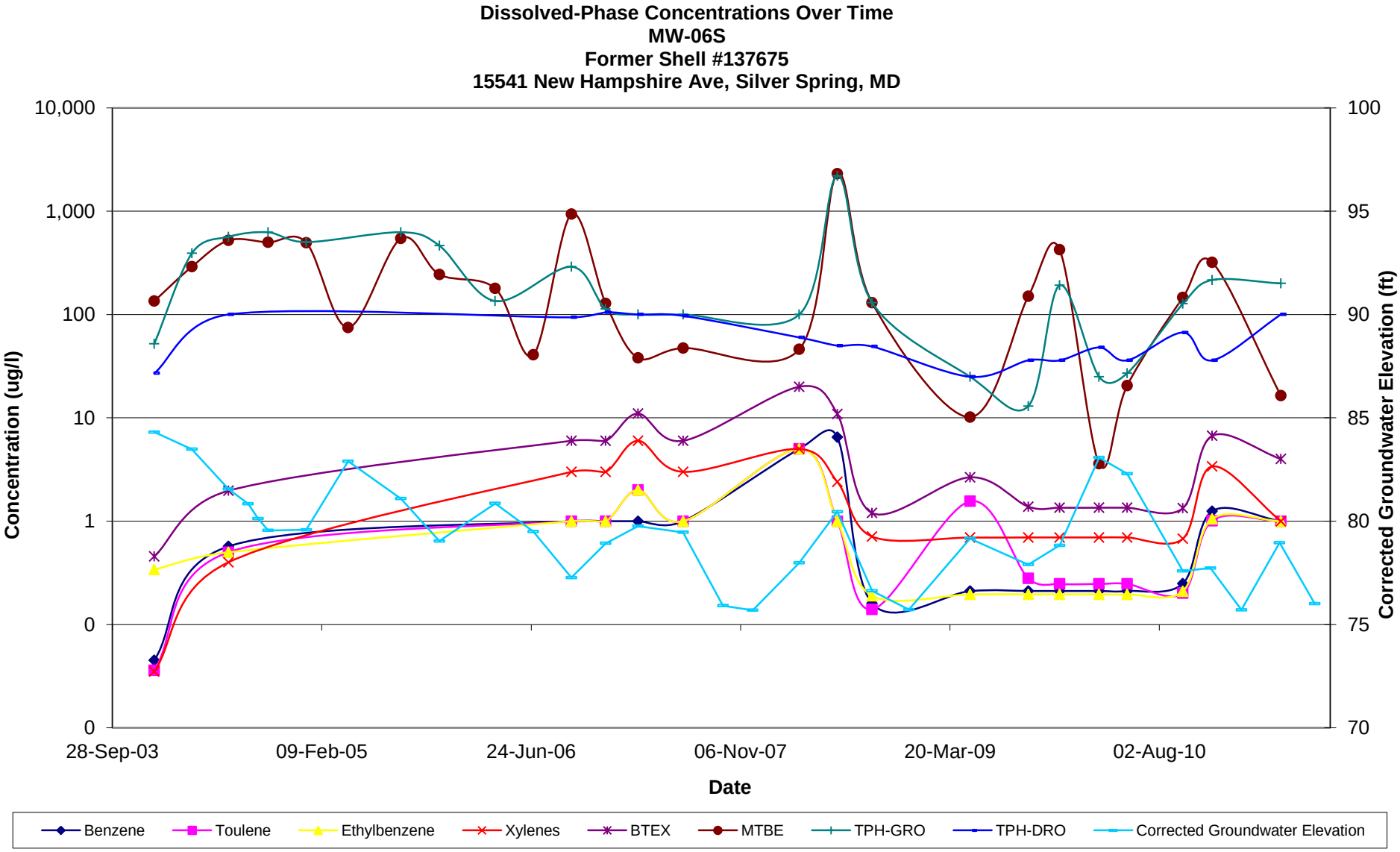

Dissolved-Phase Concentrations Over Time
MW-11D
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
10-Mar-04
23-Jul-05
05-Dec-06
18-Apr-08
31-Aug-09
13-Jan-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

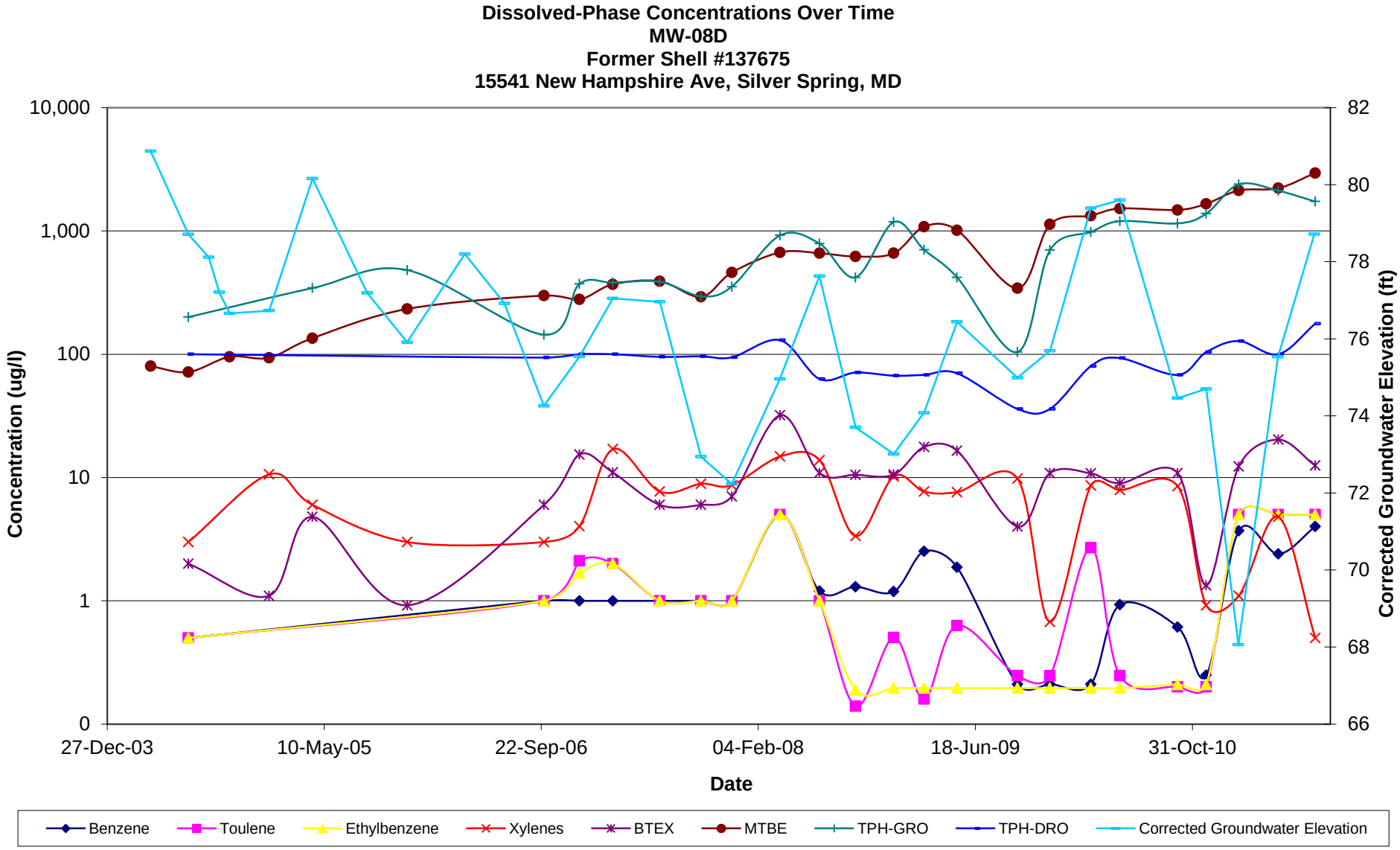

Dissolved-Phase Concentrations Over Time
MW-11R
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
65
60
55
50
23-Mar-04
05-Aug-05
18-Dec-06
01-May-08
13-Sep-09
26-Jan-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

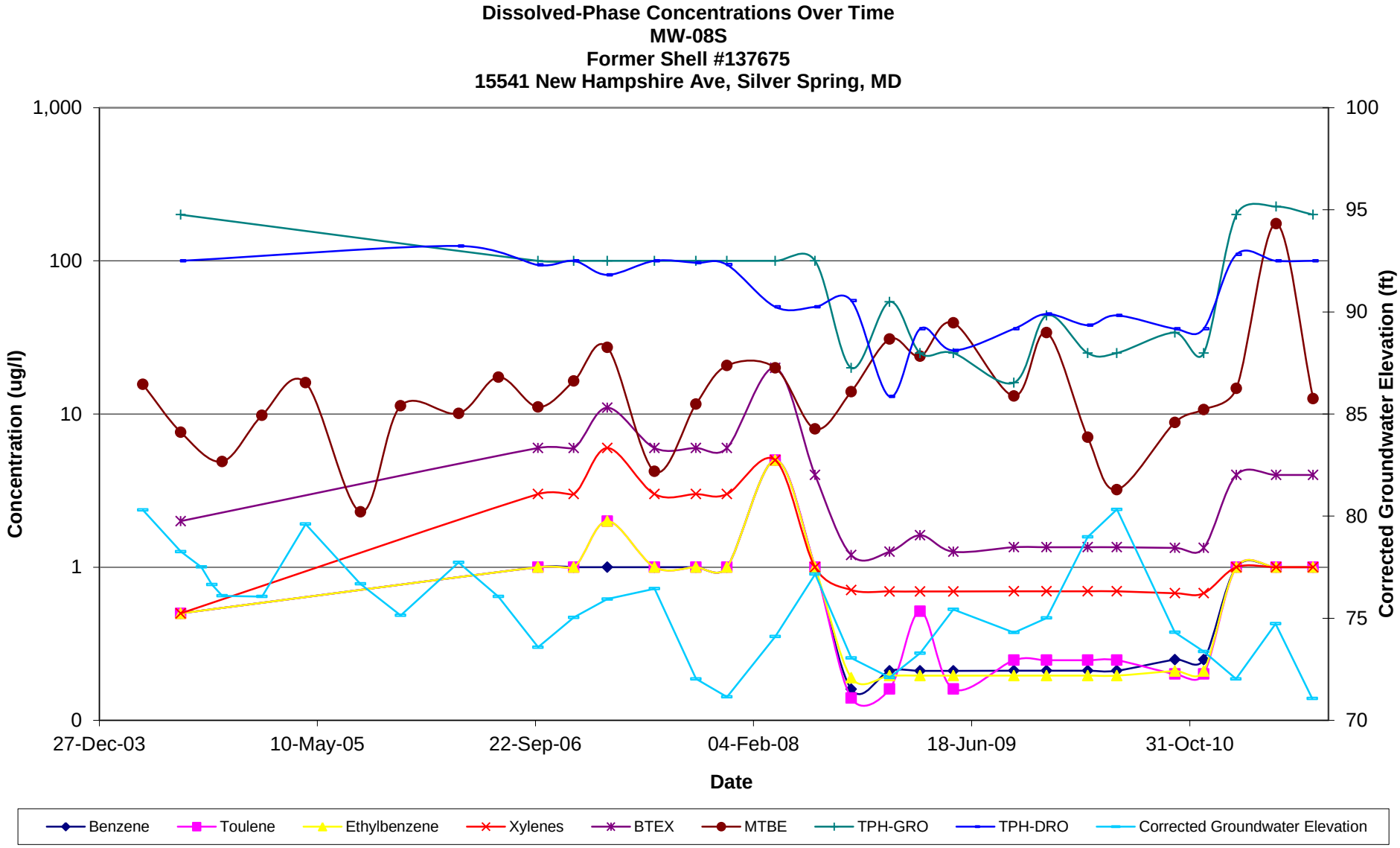

Dissolved-Phase Concentrations Over Time
MW-11S
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
100,000
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
30-Mar-04
12-Aug-05
25-Dec-06
08-May-08
20-Sep-09
02-Feb-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

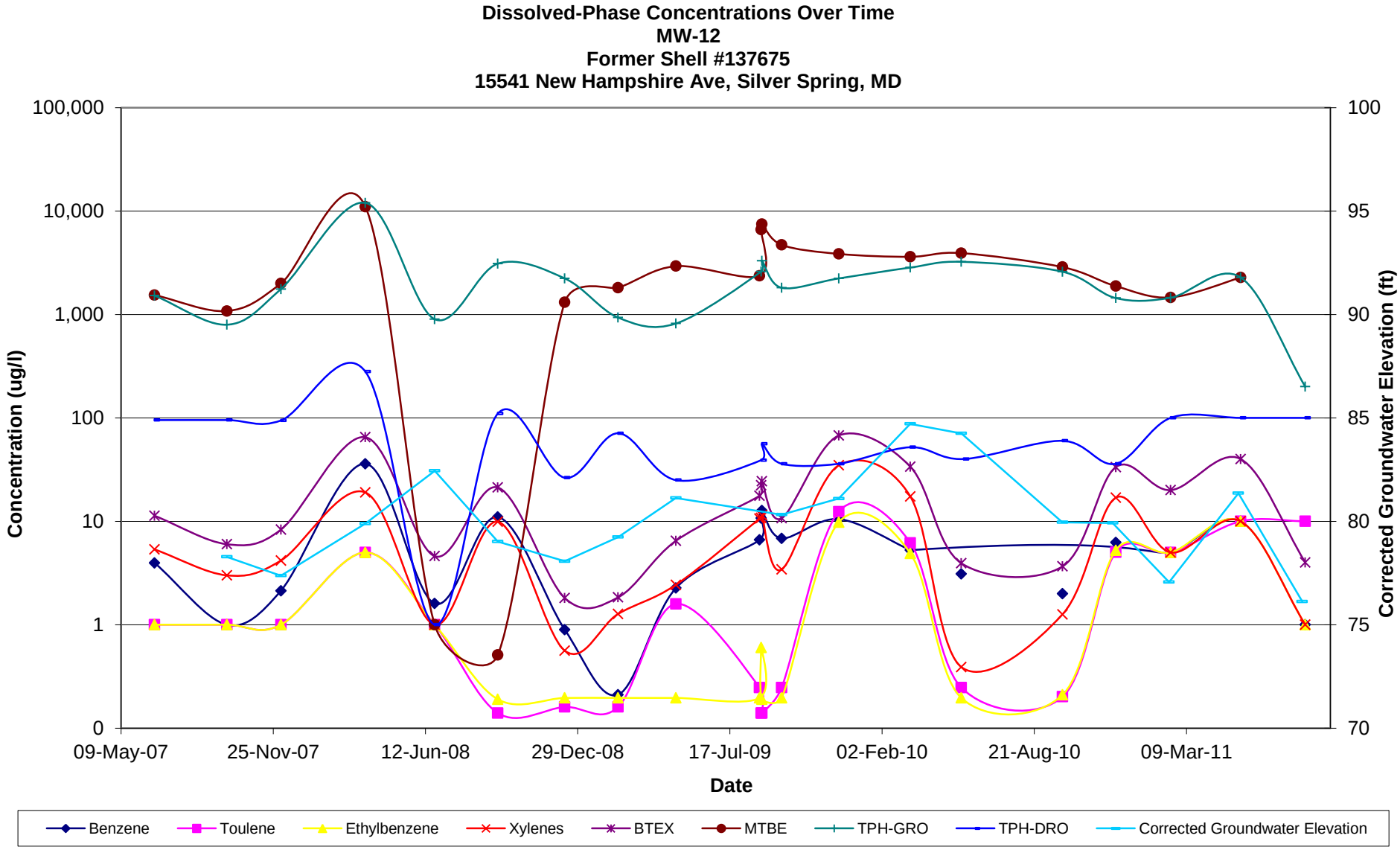

Dissolved-Phase Concentrations Over Time
MW-06D
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
100,000
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
27-Dec-03
10-May-05
22-Sep-06
04-Feb-08
18-Jun-09
31-Oct-10
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

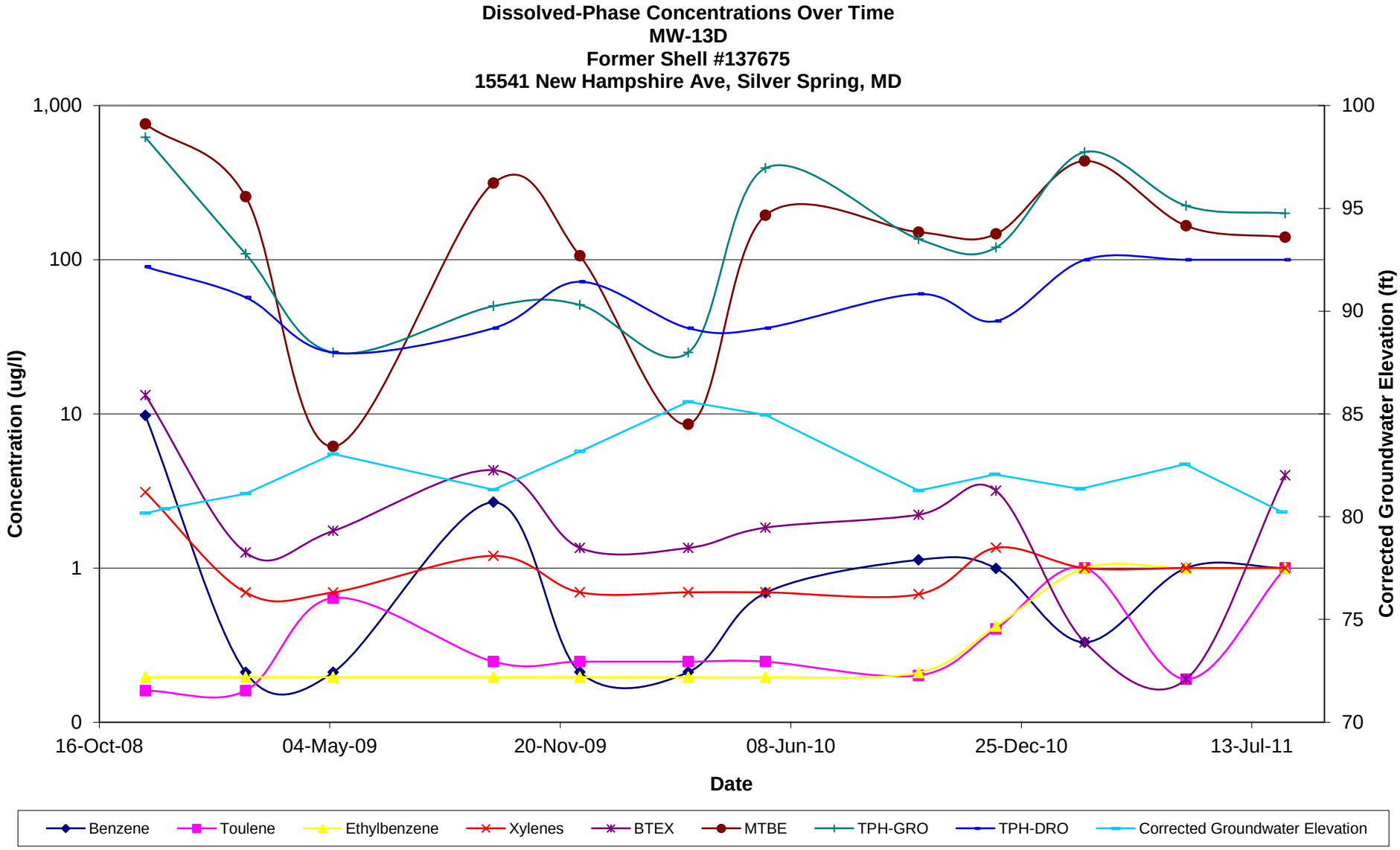

Dissolved-Phase Concentrations Over Time
MW-06R
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
30-Mar-04
12-Aug-05
25-Dec-06
08-May-08
20-Sep-09
02-Feb-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

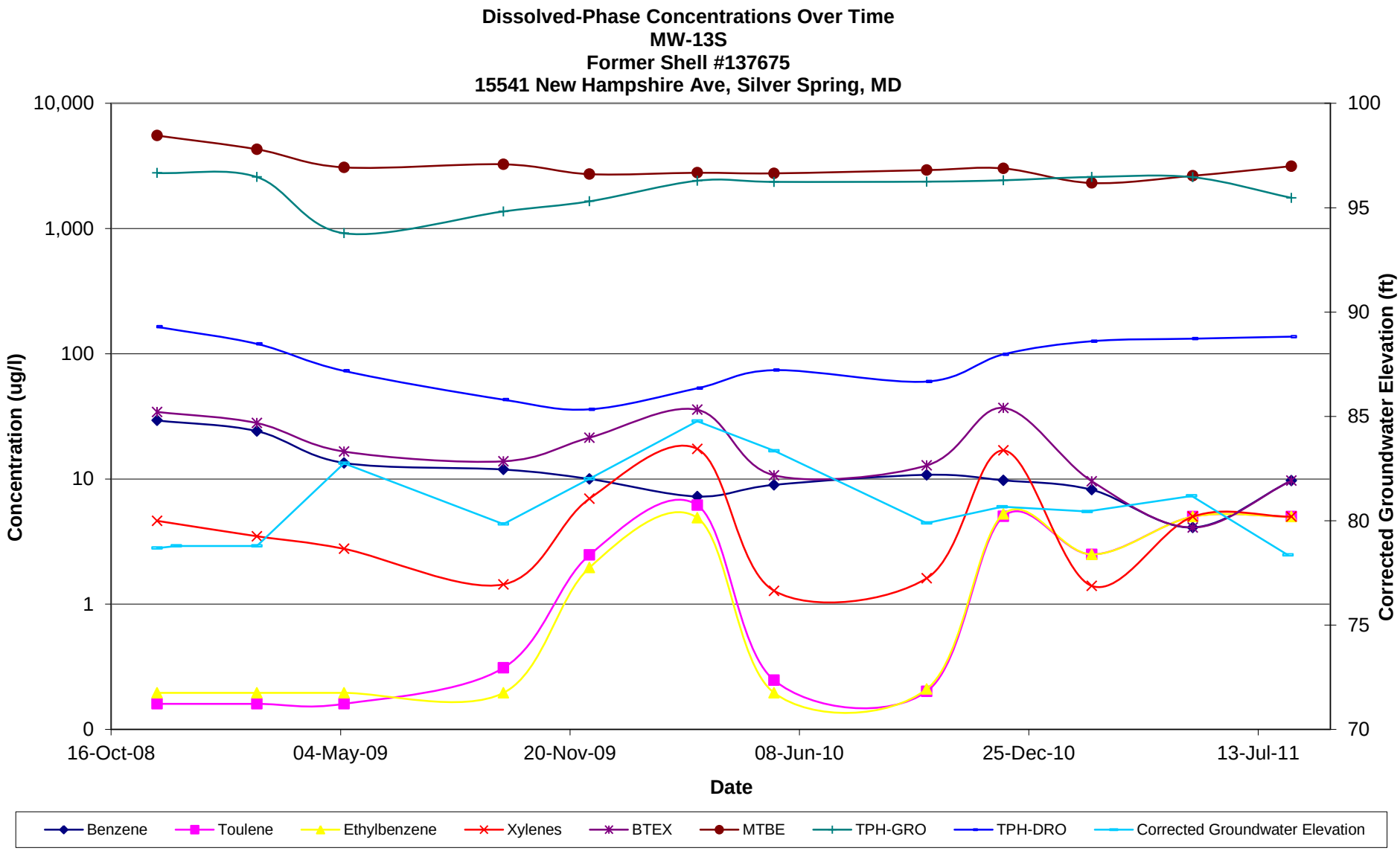

Dissolved-Phase Concentrations Over Time
MW-06S
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
28-Sep-03
09-Feb-05
24-Jun-06
06-Nov-07
20-Mar-09
02-Aug-10
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

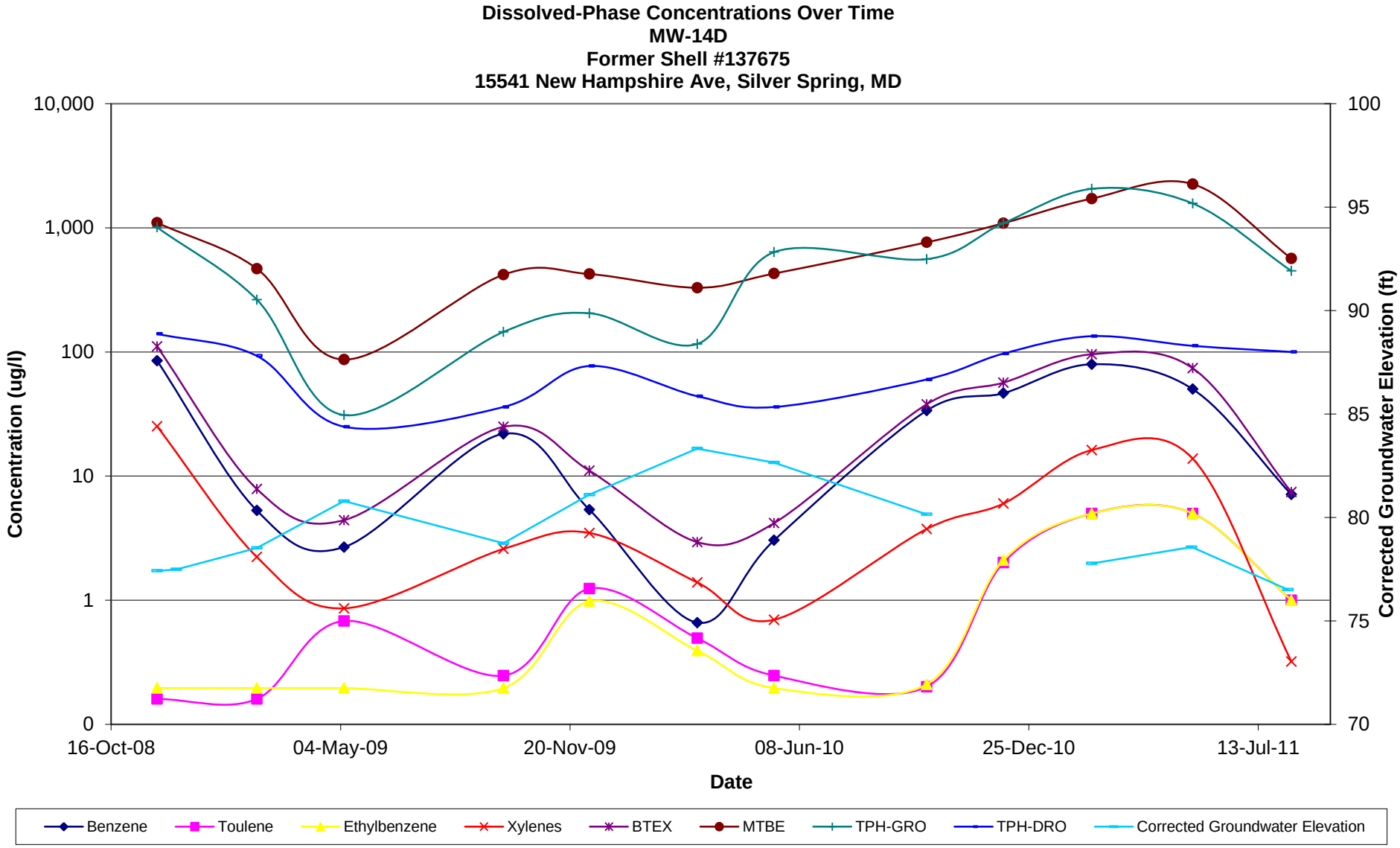

Dissolved-Phase Concentrations Over Time
MW-08D
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
82
80
78
76
74
72
70
68
66
27-Dec-03
10-May-05
22-Sep-06
04-Feb-08
18-Jun-09
31-Oct-10
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

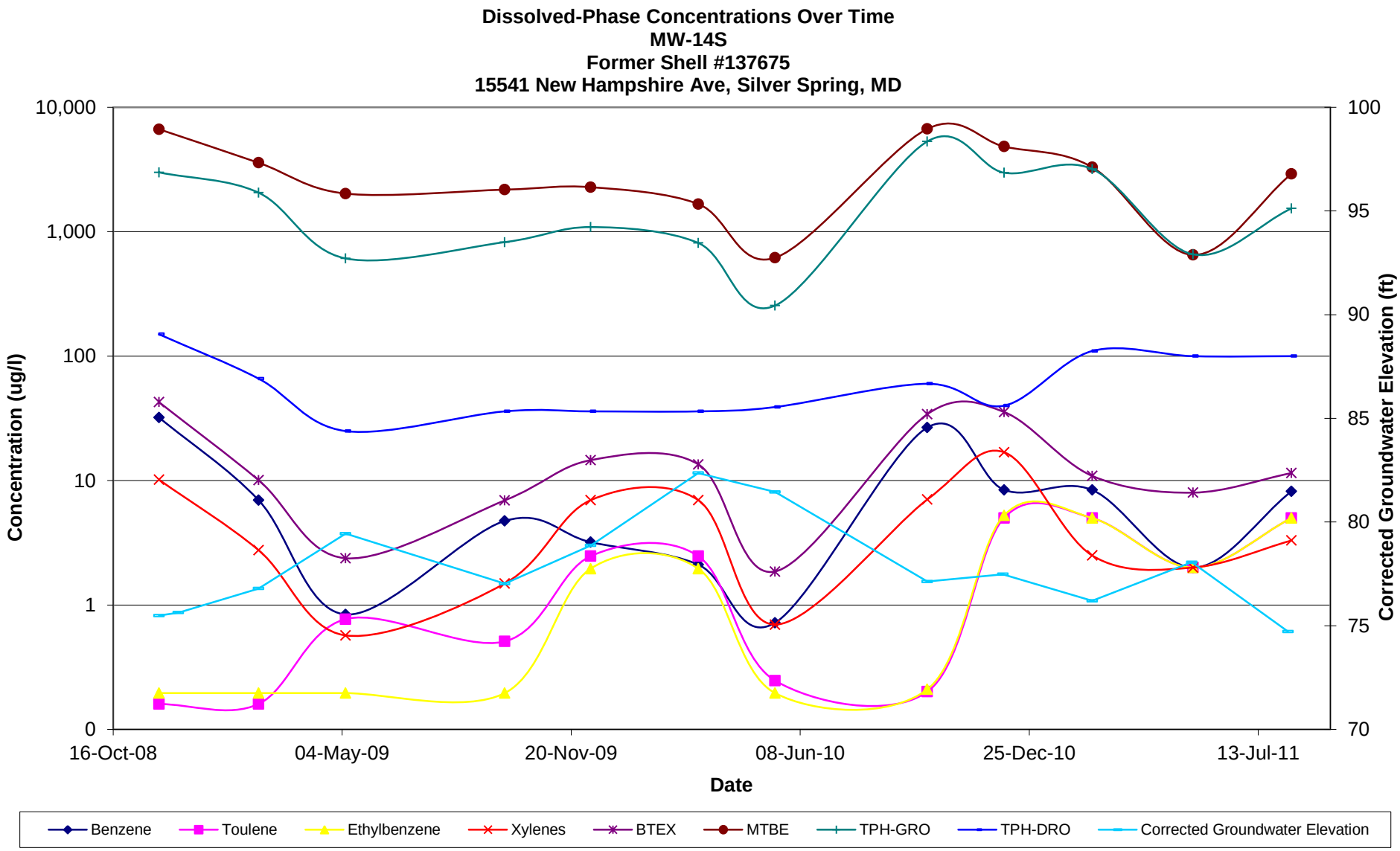

Dissolved-Phase Concentrations Over Time
MW-08S
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
27-Dec-03
10-May-05
22-Sep-06
04-Feb-08
18-Jun-09
31-Oct-10
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

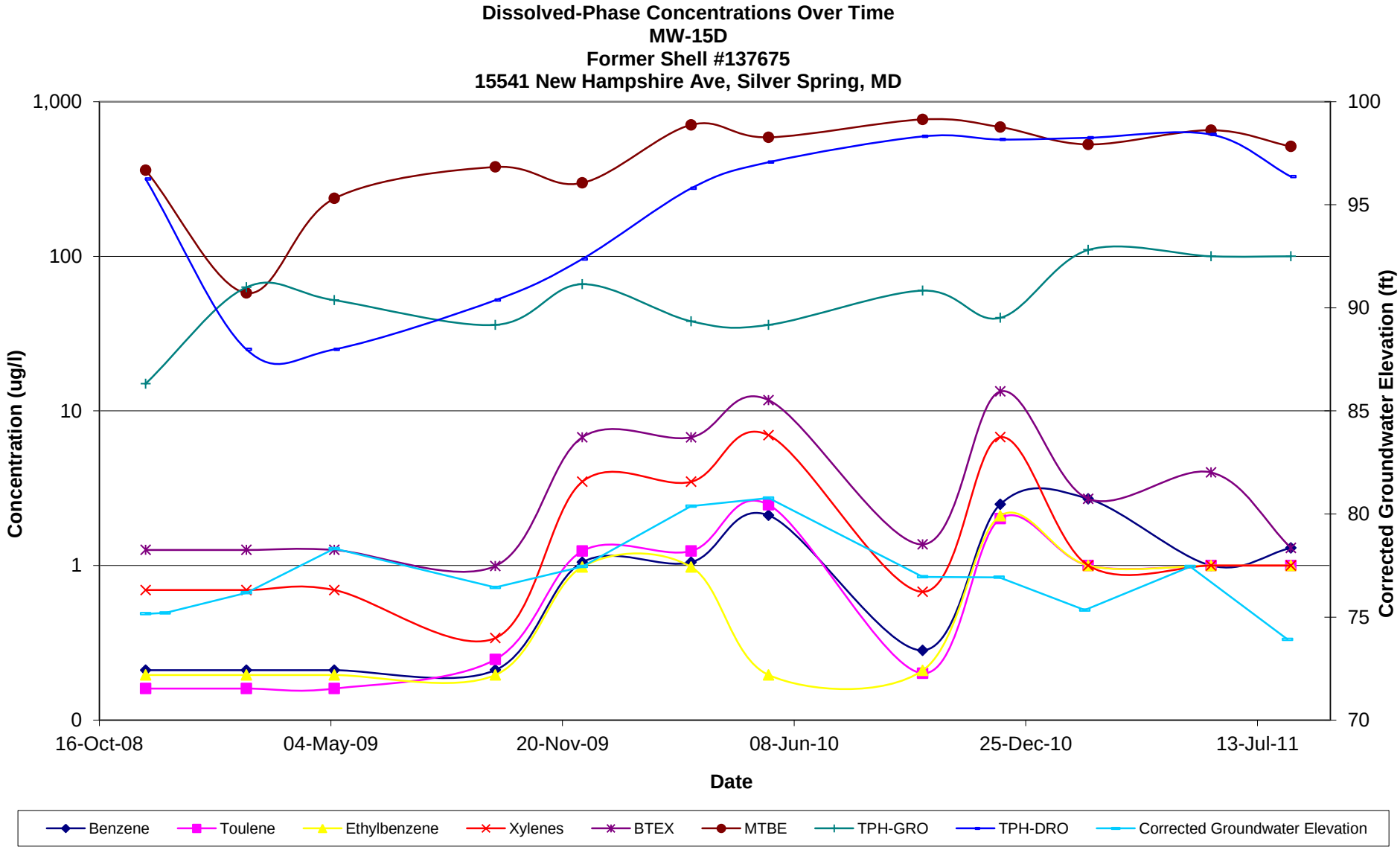

Dissolved-Phase Concentrations Over Time
MW-12
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
100,000
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
09-May-07
25-Nov-07
12-Jun-08
29-Dec-08
17-Jul-09
02-Feb-10
21-Aug-10
09-Mar-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

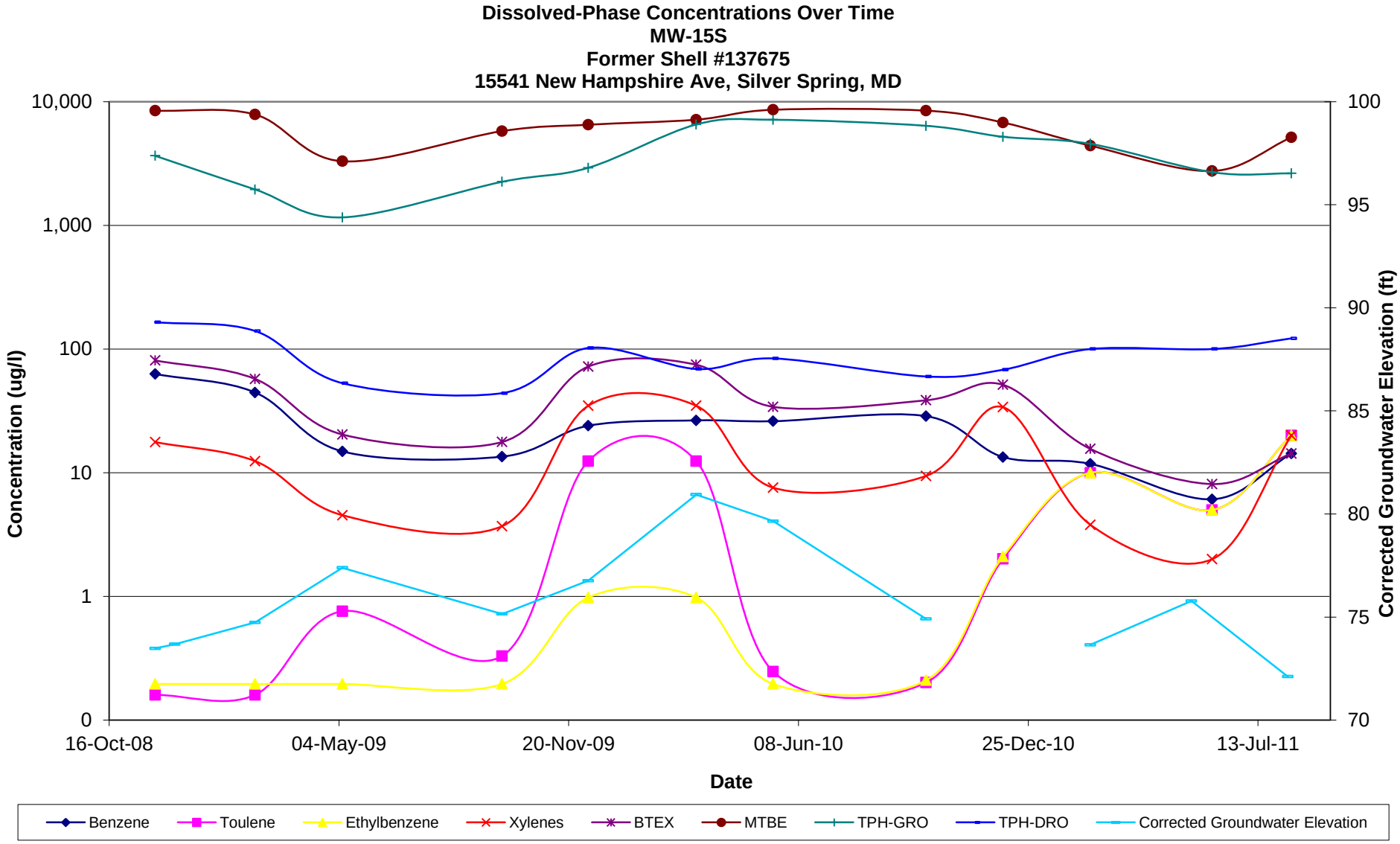

Dissolved-Phase Concentrations Over Time
MW-13D
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
16-Oct-08
04-May-09
20-Nov-09
08-Jun-10
25-Dec-10
13-Jul-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

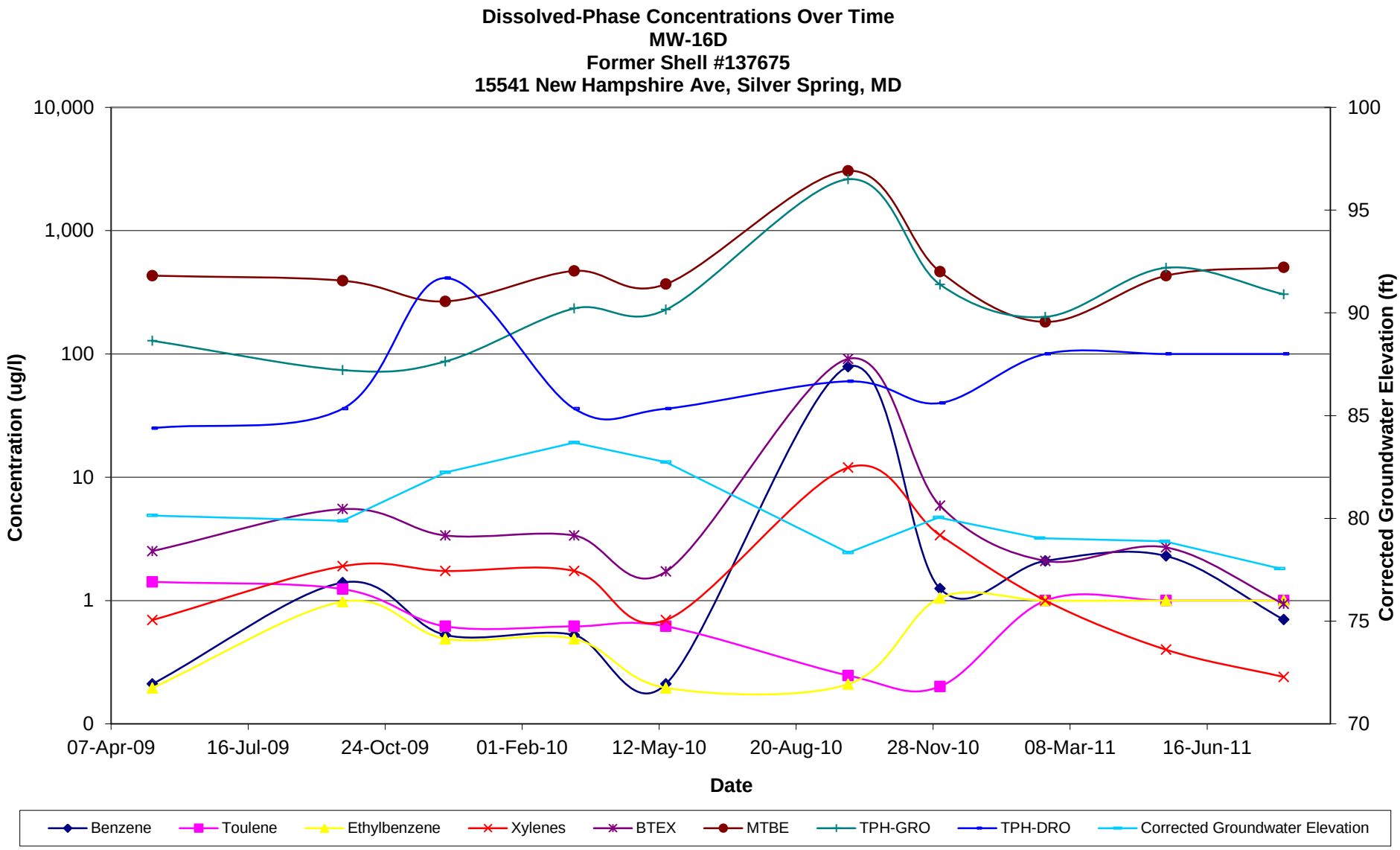

Dissolved-Phase Concentrations Over Time
MW-13S
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
16-Oct-08
04-May-09
20-Nov-09
08-Jun-10
25-Dec-10
13-Jul-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

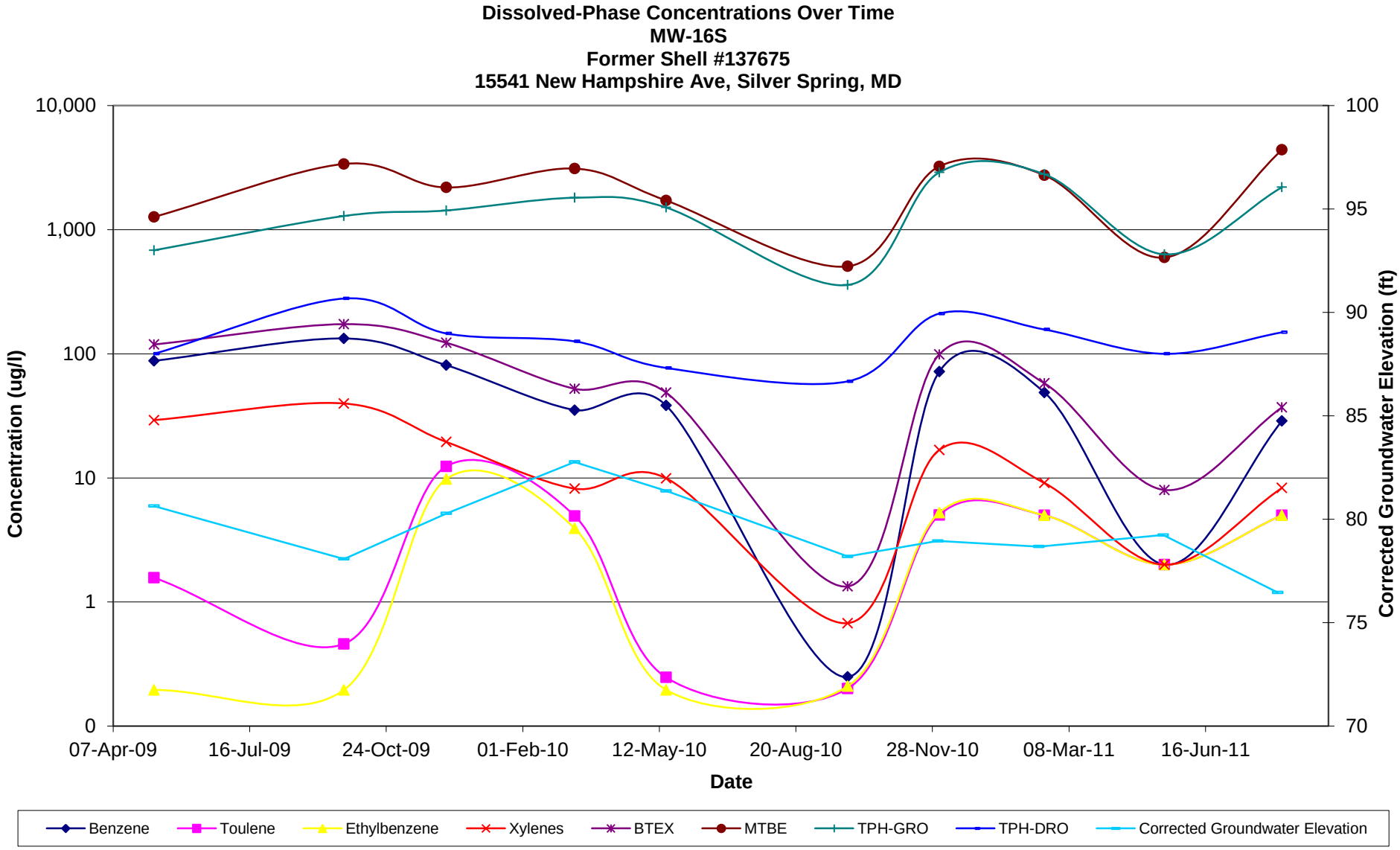

Dissolved-Phase Concentrations Over Time
MW-14D
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
10,000
1,000
100
10
1
0
Concentration (ug/l)
100
95
90
85
80
75
70
Corrected Groundwater Elevation (ft)
16-Oct-08
04-May-09
20-Nov-09
08-Jun-10
25-Dec-10
13-Jul-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

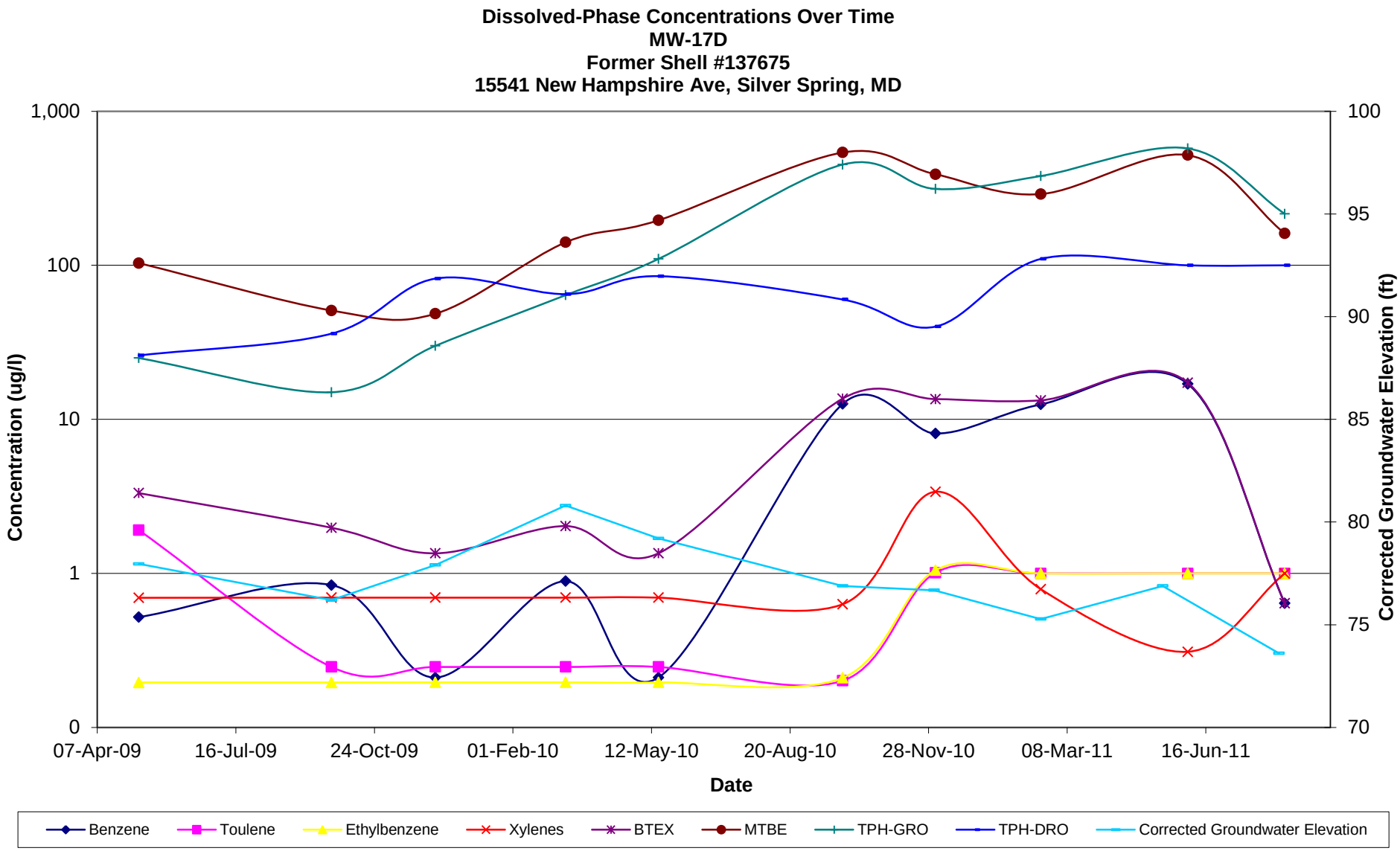

Dissolved-Phase Concentrations Over Time
MW-14S
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
16-Oct-08
04-May-09
20-Nov-09
08-Jun-10
25-Dec-10
13-Jul-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

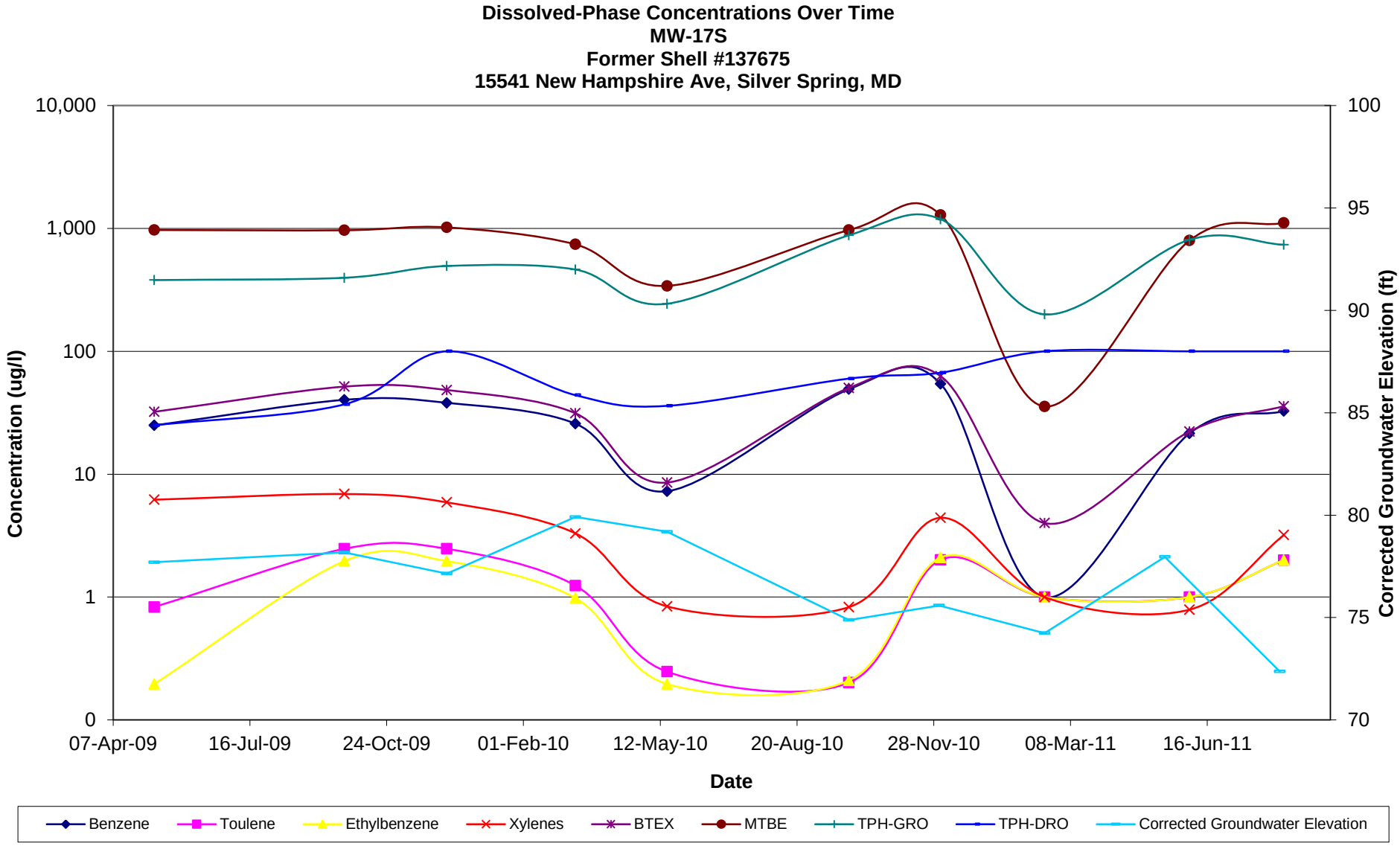

Dissolved-Phase Concentrations Over Time
MW-15D
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
16-Oct-08
04-May-09
20-Nov-09
08-Jun-10
25-Dec-10
13-Jul-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

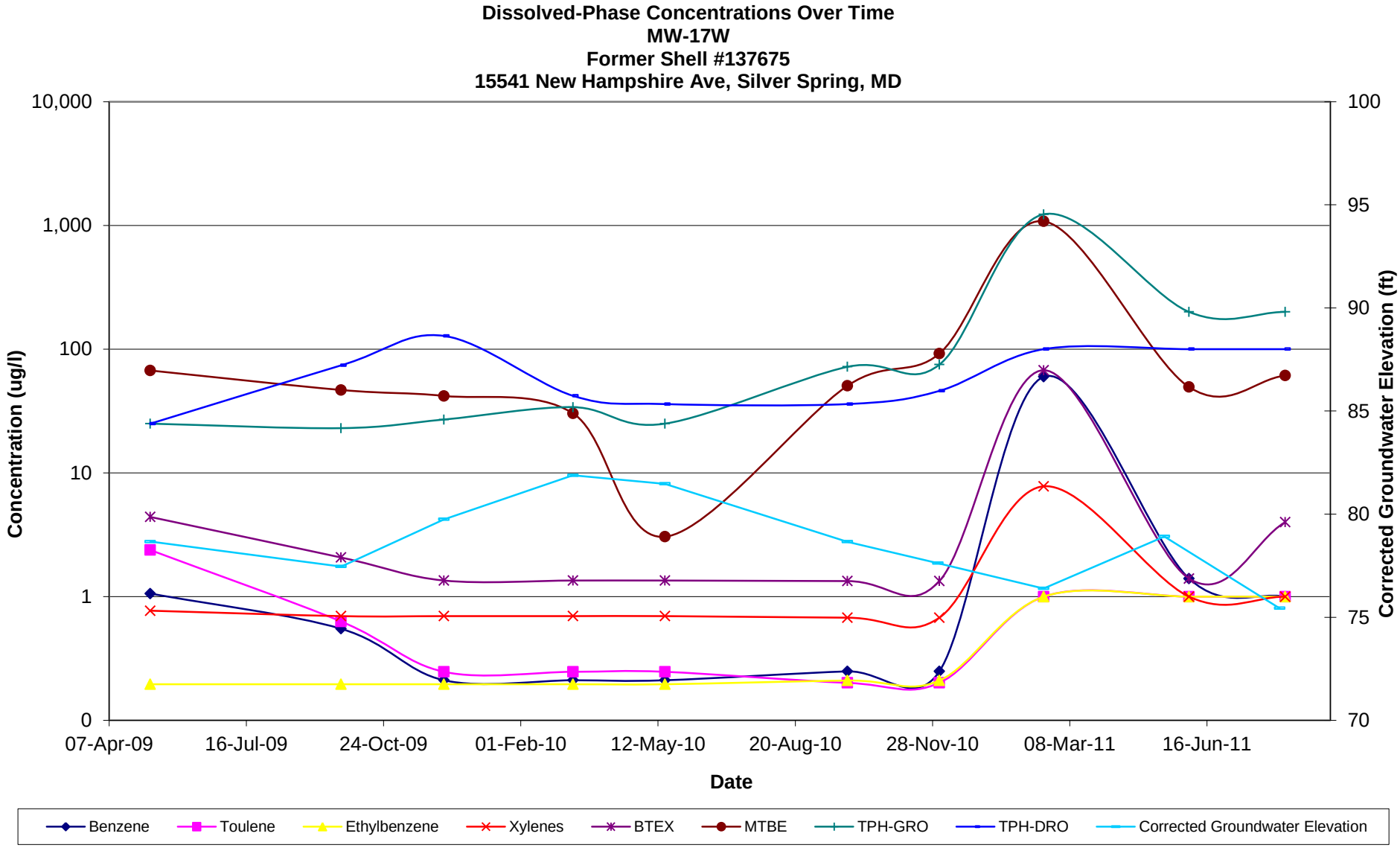

Dissolved-Phase Concentrations Over Time
MW-15S
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
16-Oct-08
04-May-09
20-Nov-09
08-Jun-10
25-Dec-10
13-Jul-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

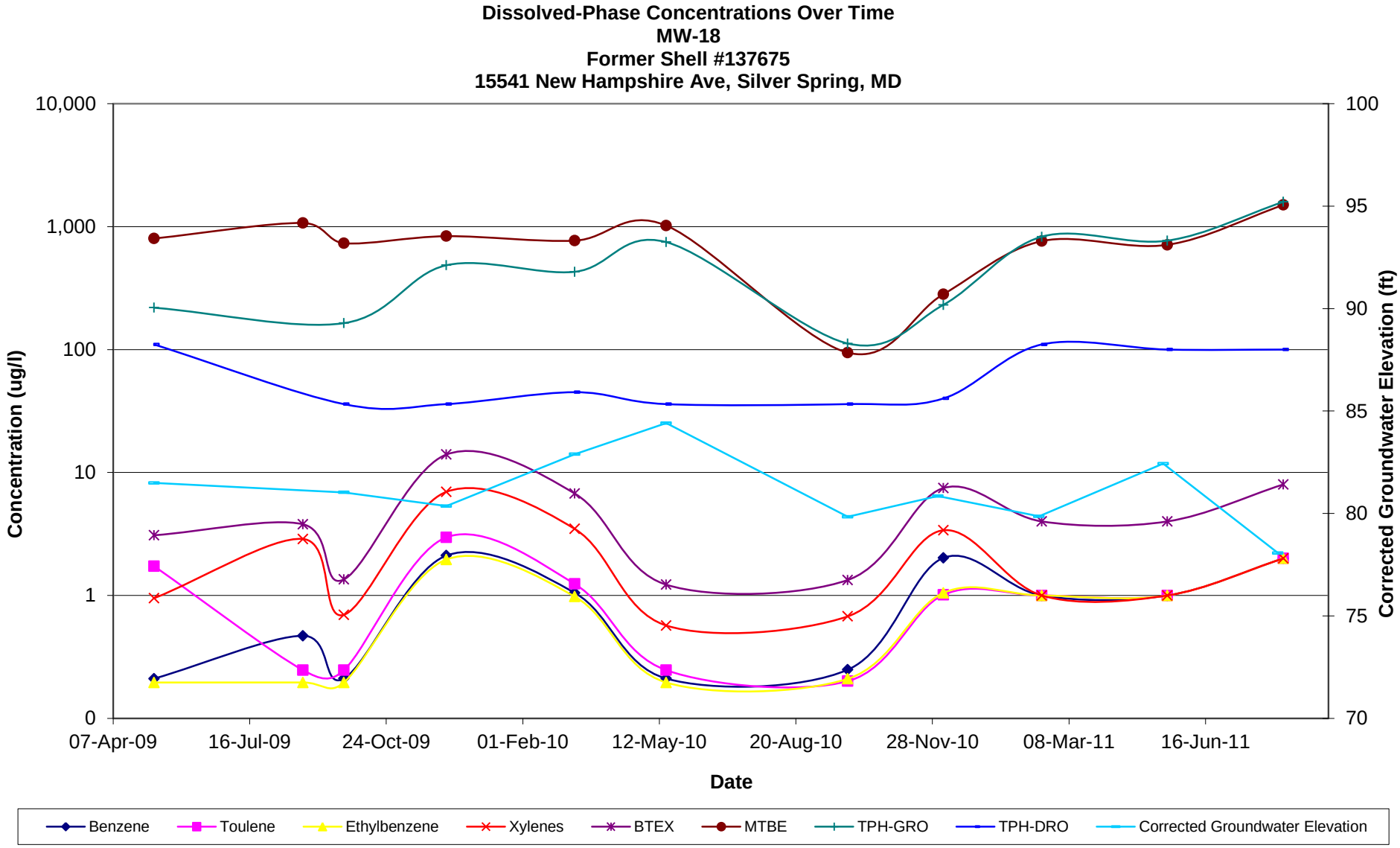

Dissolved-Phase Concentrations Over Time
MW-16D
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
07-Apr-09
16-Jul-09
24-Oct-09
01-Feb-10
12-May-10
20-Aug-10
28-Nov-10
08-Mar-11
16-Jun-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

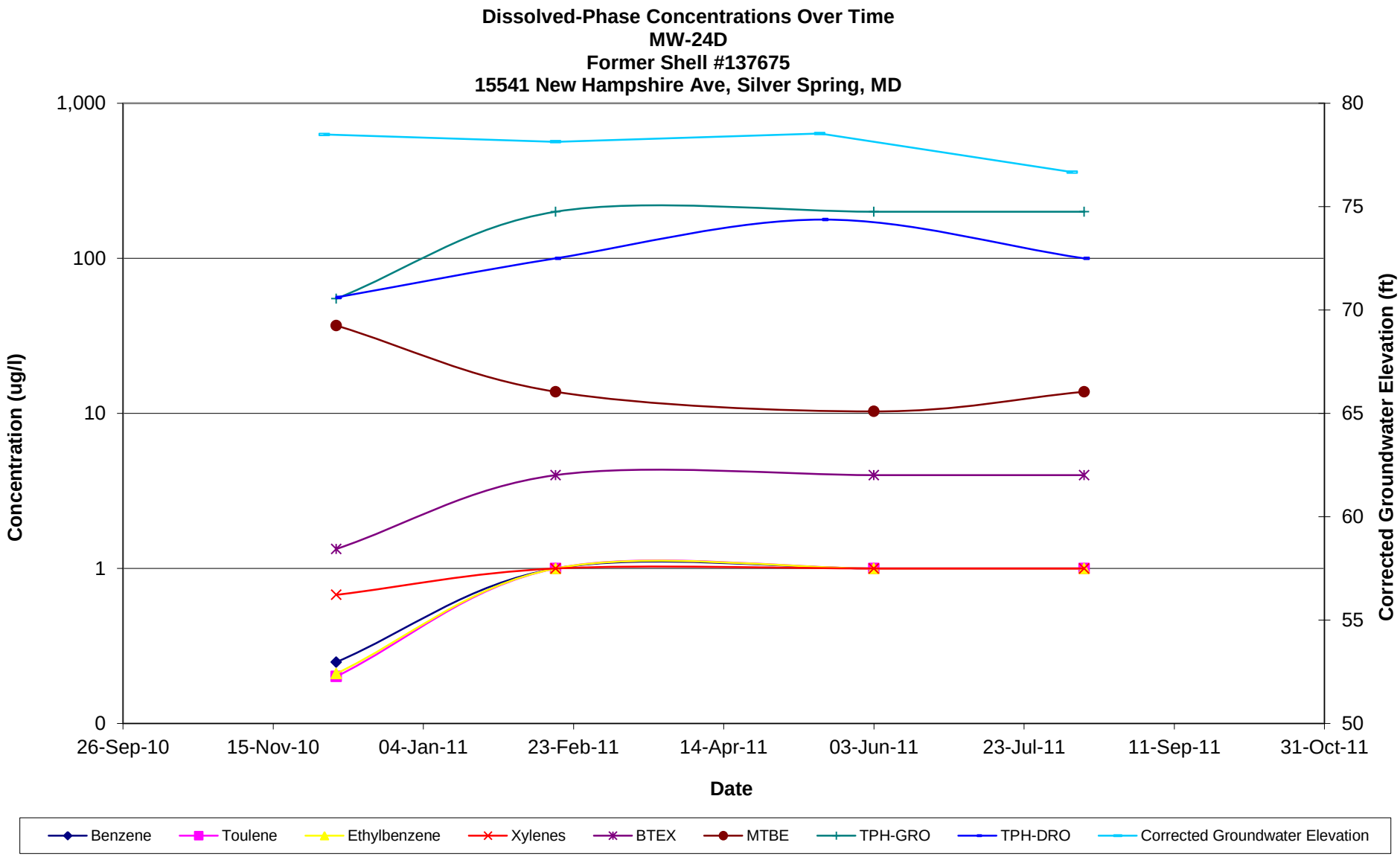

Dissolved-Phase Concentrations Over Time
MW-16S
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
07-Apr-09
16-Jul-09
24-Oct-09
01-Feb-10
12-May-10
20-Aug-10
28-Nov-10
08-Mar-11
16-Jun-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

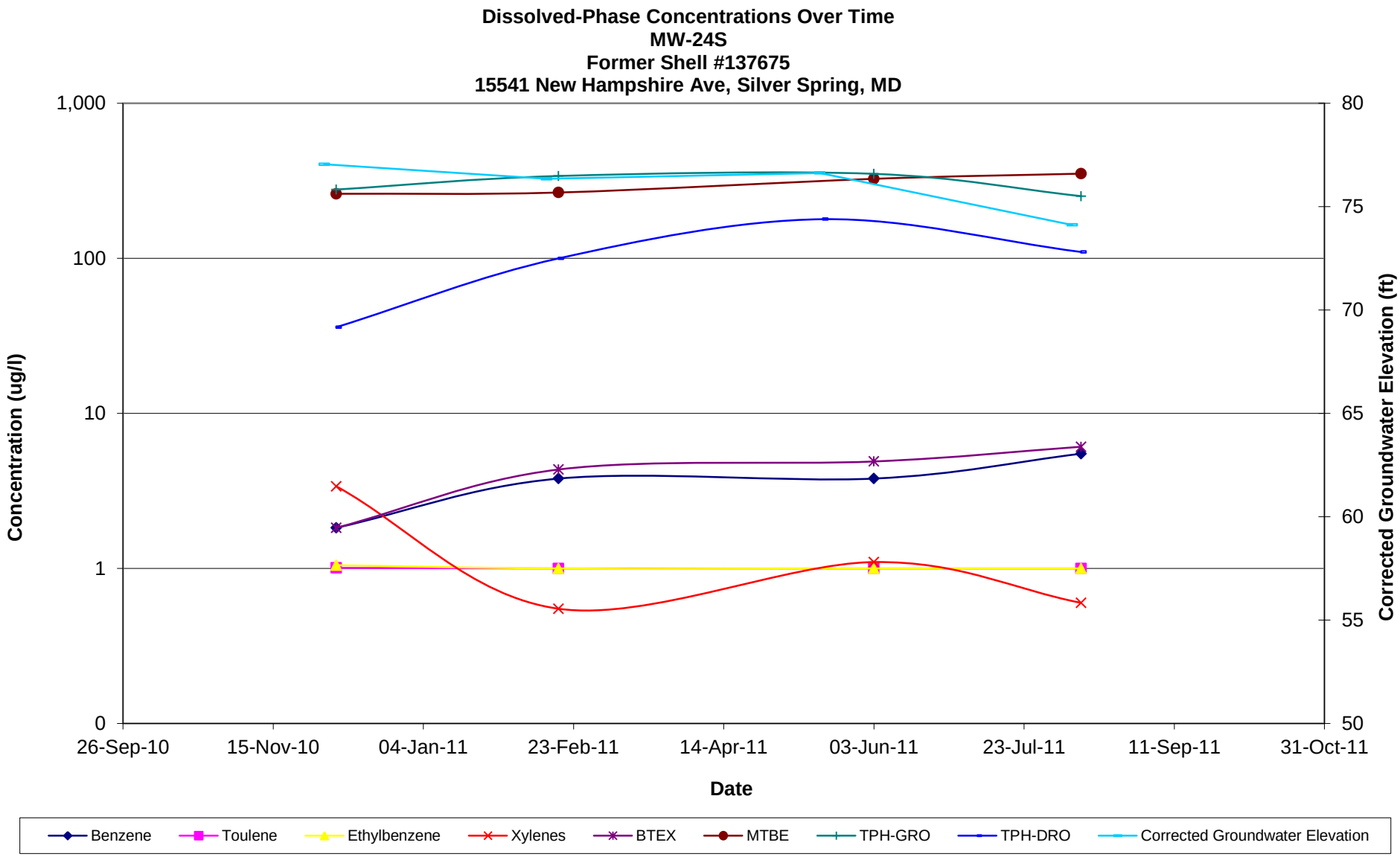

Dissolved-Phase Concentrations Over Time
MW-17D
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
07-Apr-09
16-Jul-09
24-Oct-09
01-Feb-10
12-May-10
20-Aug-10
28-Nov-10
08-Mar-11
16-Jun-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

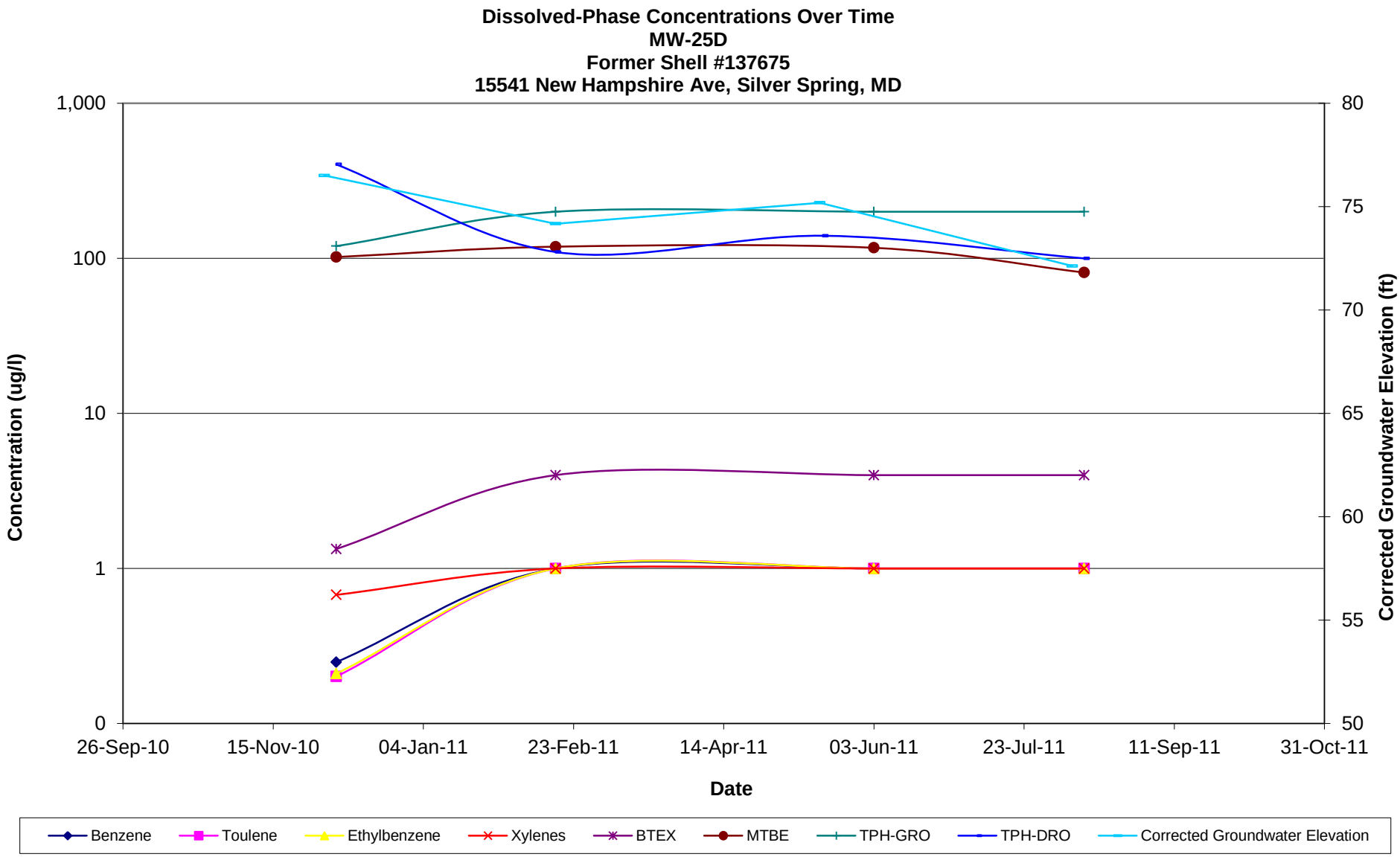

Dissolved-Phase Concentrations Over Time
MW-17S
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
07-Apr-09
16-Jul-09
24-Oct-09
01-Feb-10
12-May-10
20-Aug-10
28-Nov-10
08-Mar-11
16-Jun-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

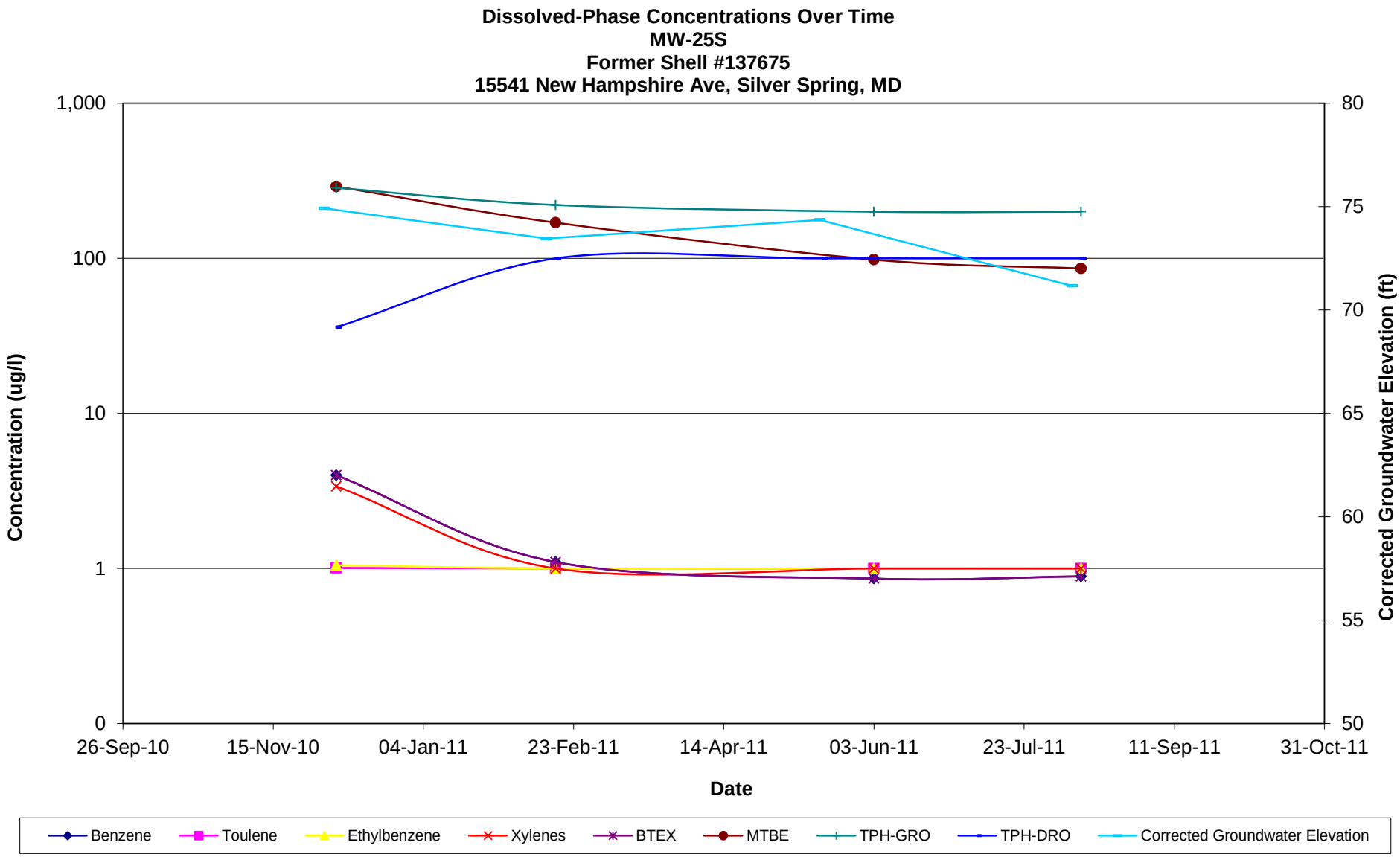

Dissolved-Phase Concentrations Over Time
MW-17W
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
07-Apr-09
16-Jul-09
24-Oct-09
01-Feb-10
12-May-10
20-Aug-10
28-Nov-10
08-Mar-11
16-Jun-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

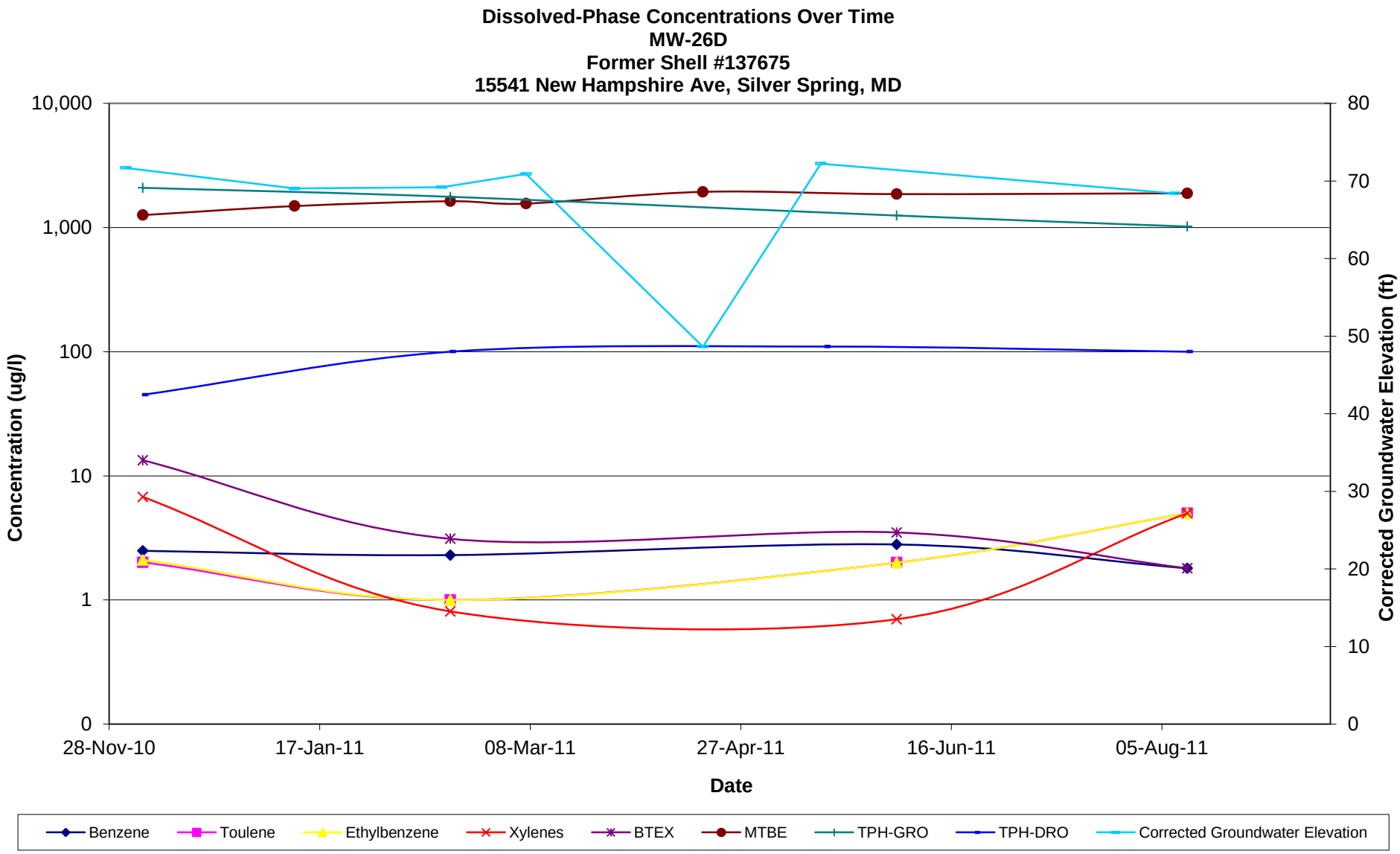

Dissolved-Phase Concentrations Over Time
MW-18
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
07-Apr-09
16-Jul-09
24-Oct-09
01-Feb-10
12-May-10
20-Aug-10
28-Nov-10
08-Mar-11
16-Jun-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

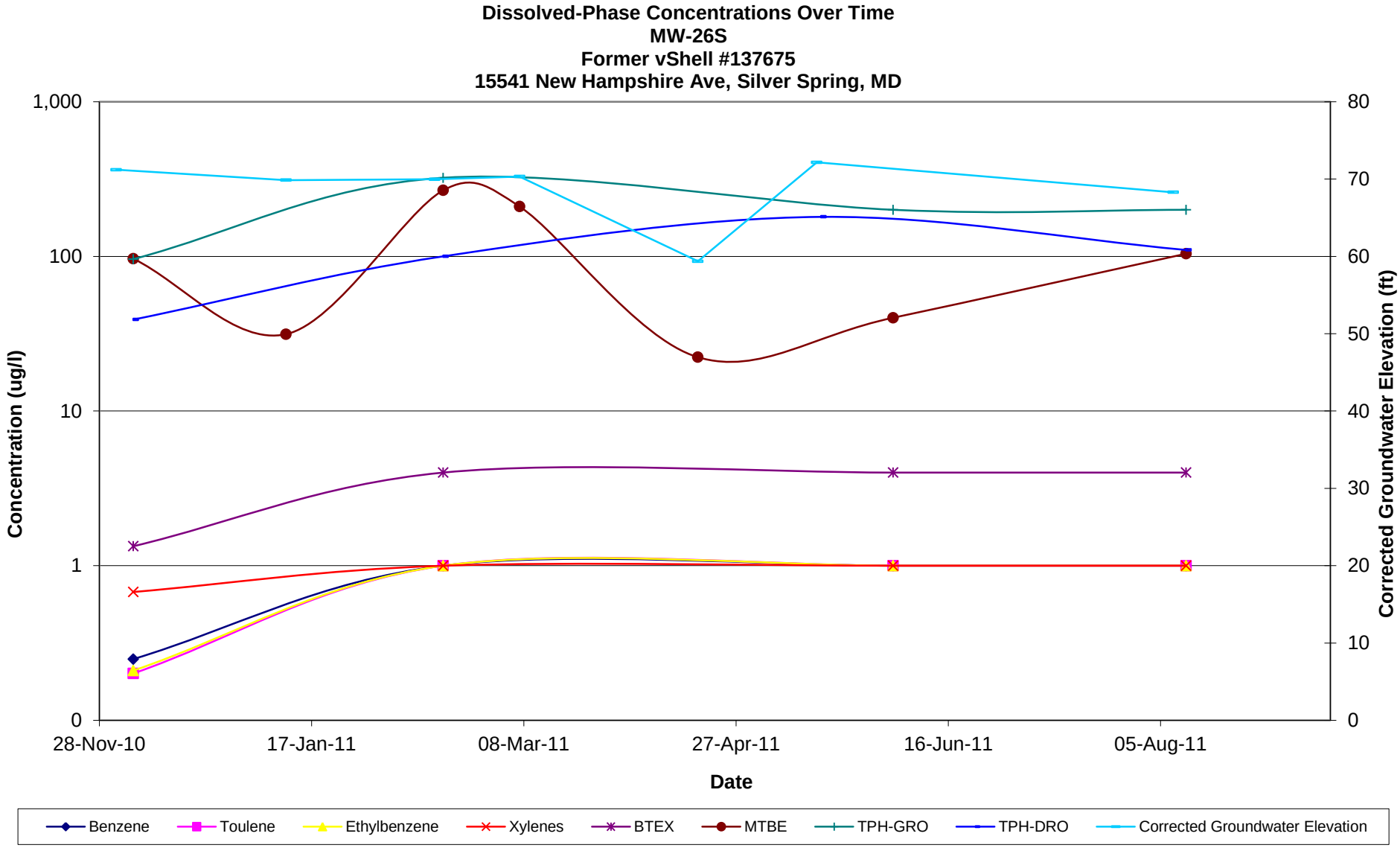

Dissolved-Phase Concentrations Over Time
MW-24D
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
80
75
70
65
60
55
50
26-Sep-10
15-Nov-10
04-Jan-11
23-Feb-11
14-Apr-11
03-Jun-11
23-Jul-11
11-Sep-11
31-Oct-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

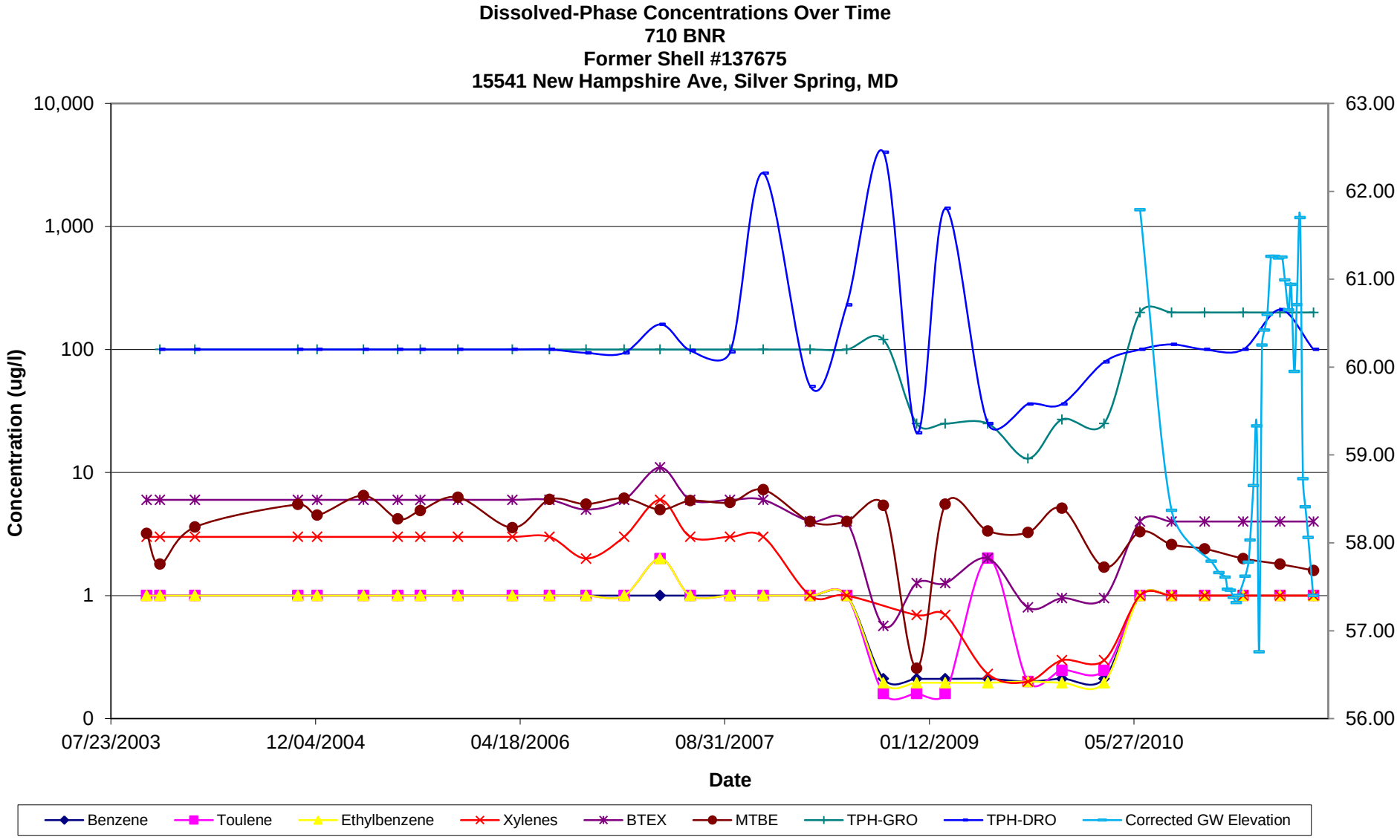

Dissolved-Phase Concentrations Over Time
MW-24S
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
80
75
70
65
60
55
50
26-Sep-10
15-Nov-10
04-Jan-11
23-Feb-11
14-Apr-11
03-Jun-11
23-Jul-11
11-Sep-11
31-Oct-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

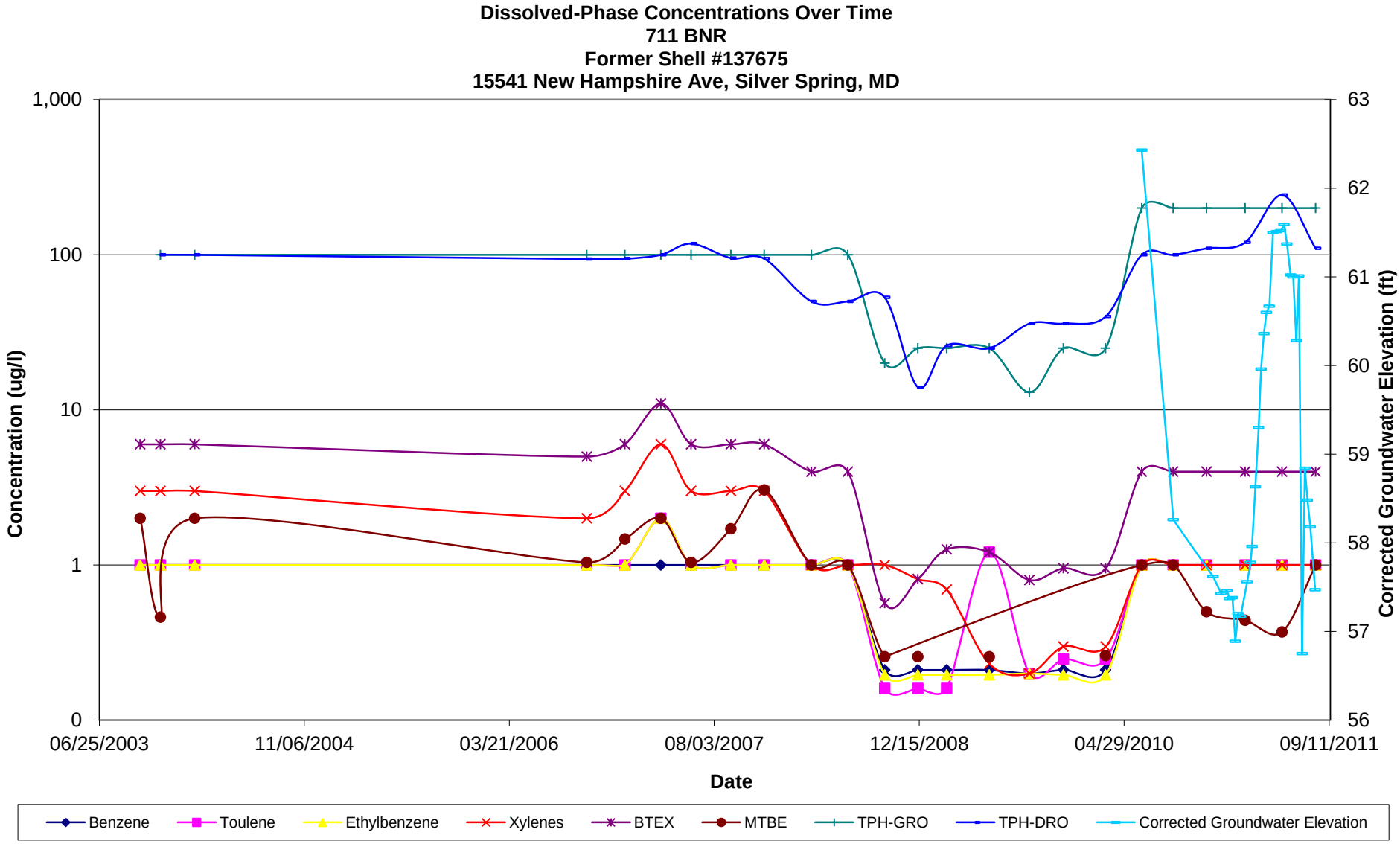

Dissolved-Phase Concentrations Over Time
MW-25D
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
80
75
70
65
60
55
50
26-Sep-10
15-Nov-10
04-Jan-11
23-Feb-11
14-Apr-11
03-Jun-11
23-Jul-11
11-Sep-11
31-Oct-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

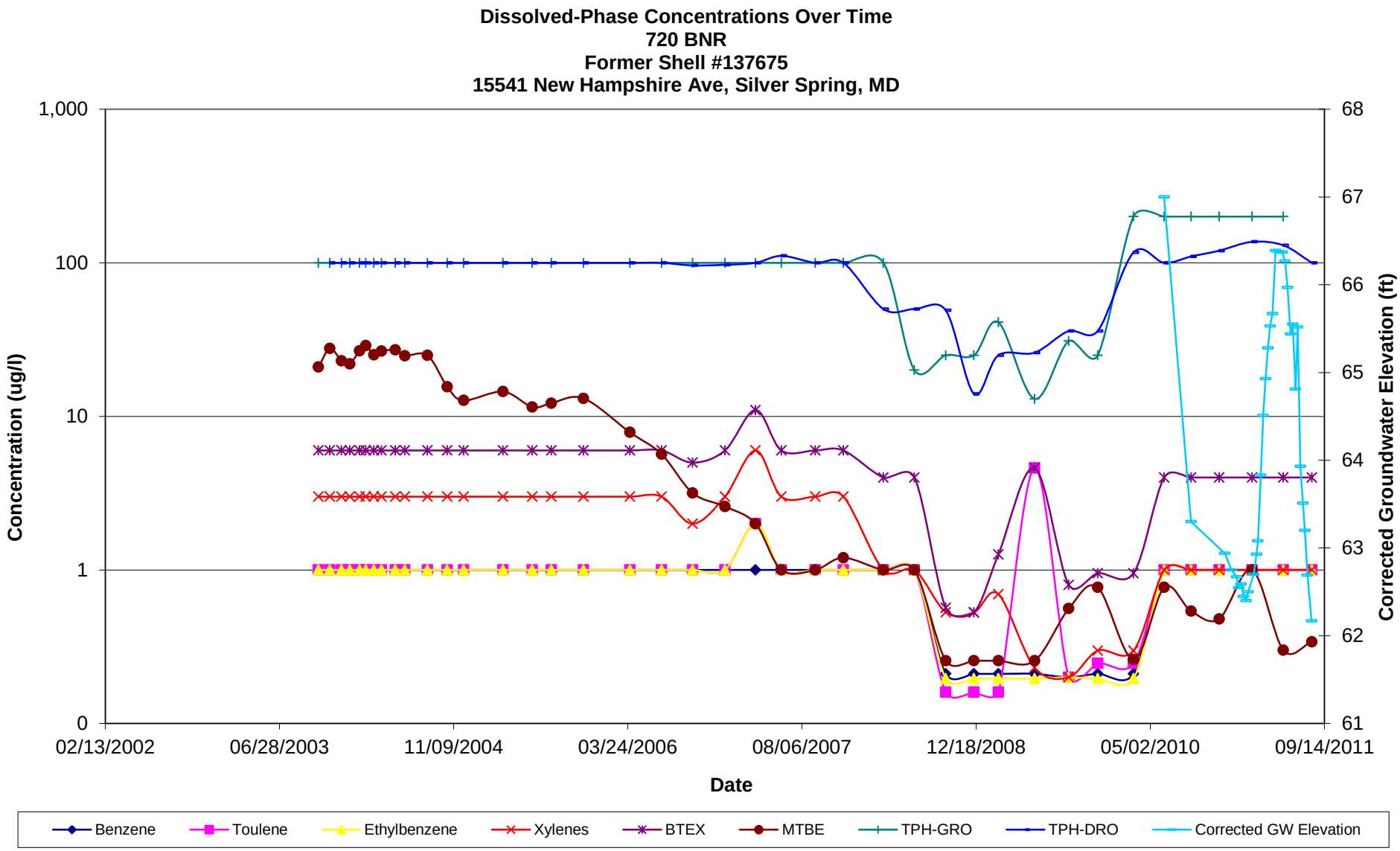

Dissolved-Phase Concentrations Over Time
MW-25S
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
1,000
100
10
1
0
Concentration (ug/l)
80
75
70
65
60
55
50
Corrected Groundwater Elevation (ft)
26-Sep-10
15-Nov-10
04-Jan-11
23-Feb-11
14-Apr-11
03-Jun-11
23-Jul-11
11-Sep-11
31-Oct-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

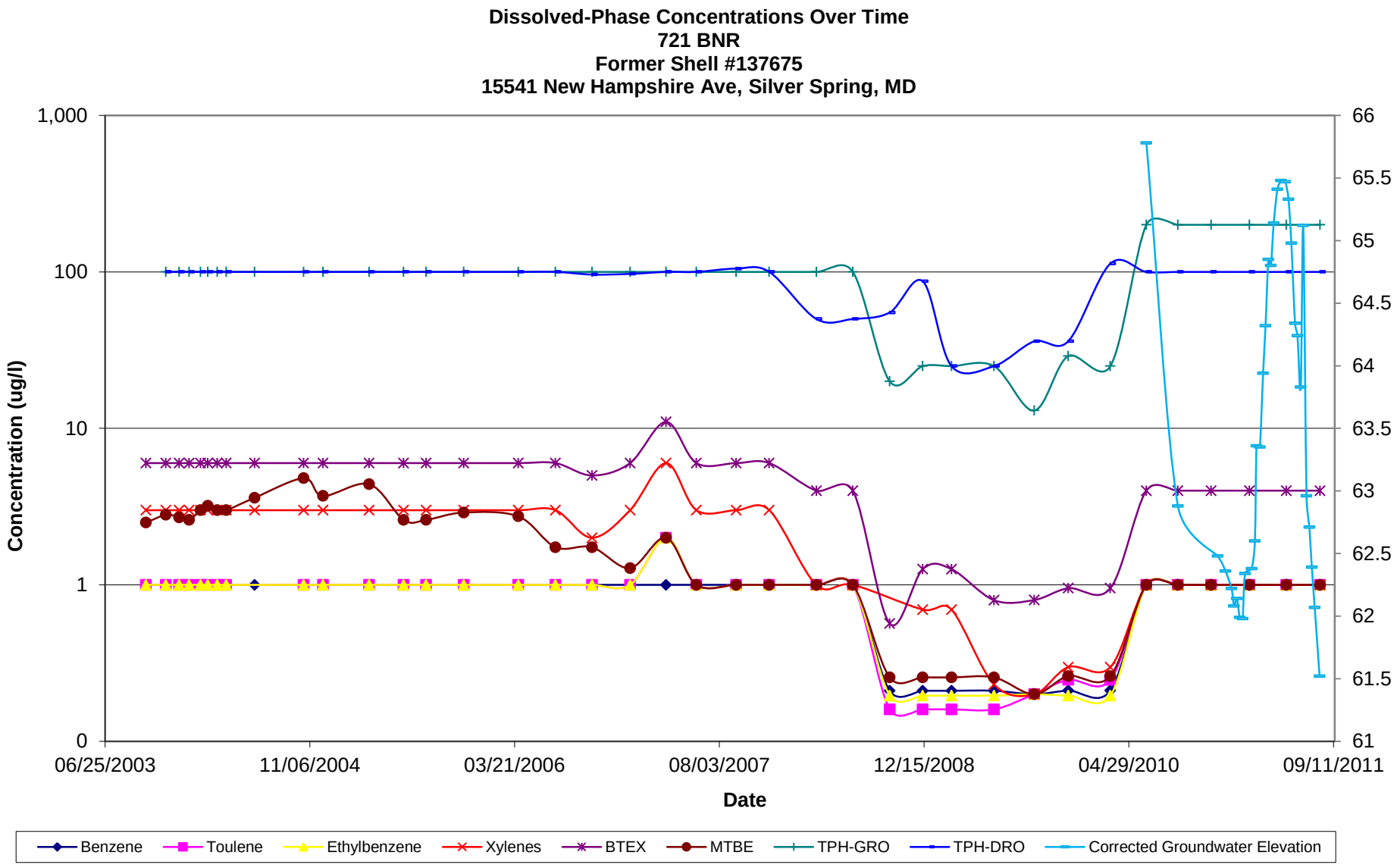

Dissolved-Phase Concentrations Over Time
MW-26D
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
80
70
60
50
40
30
20
10
0
28-Nov-10
17-Jan-11
08-Mar-11
27-Apr-11
16-Jun-11
05-Aug-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

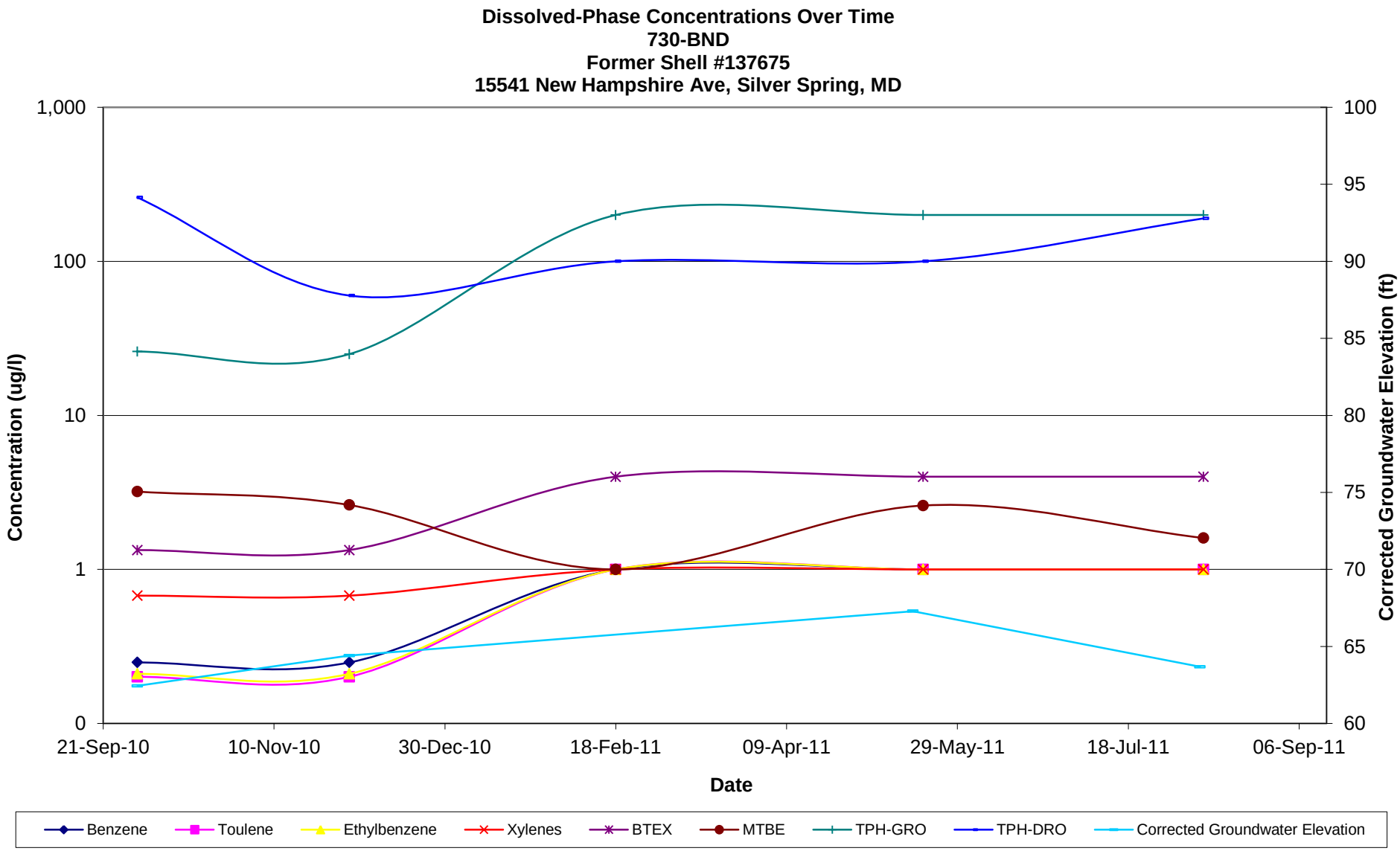

Dissolved-Phase Concentrations Over Time
MW-26S
Former vShell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
80
70
60
50
40
30
20
10
0
28-Nov-10
17-Jan-11
08-Mar-11
27-Apr-11
16-Jun-11
05-Aug-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

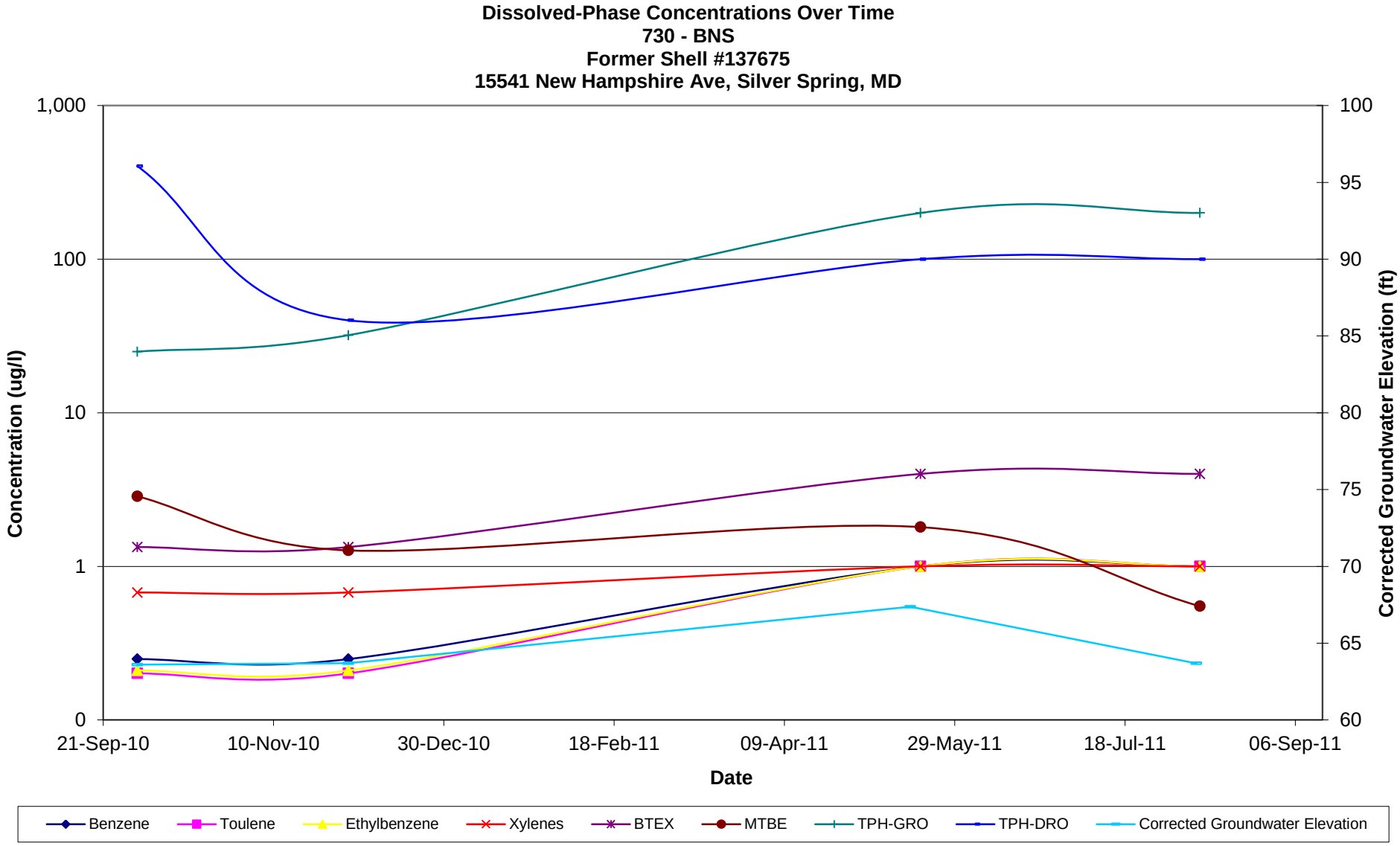

Dissolved-Phase Concentrations Over Time
710 BNR
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
63.00
62.00
61.00
60.00
59.00
58.00
57.00
56.00
07/23/2003
12/04/2004
04/18/2006
08/31/2007
01/12/2009
05/27/2010
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected GW Elevation

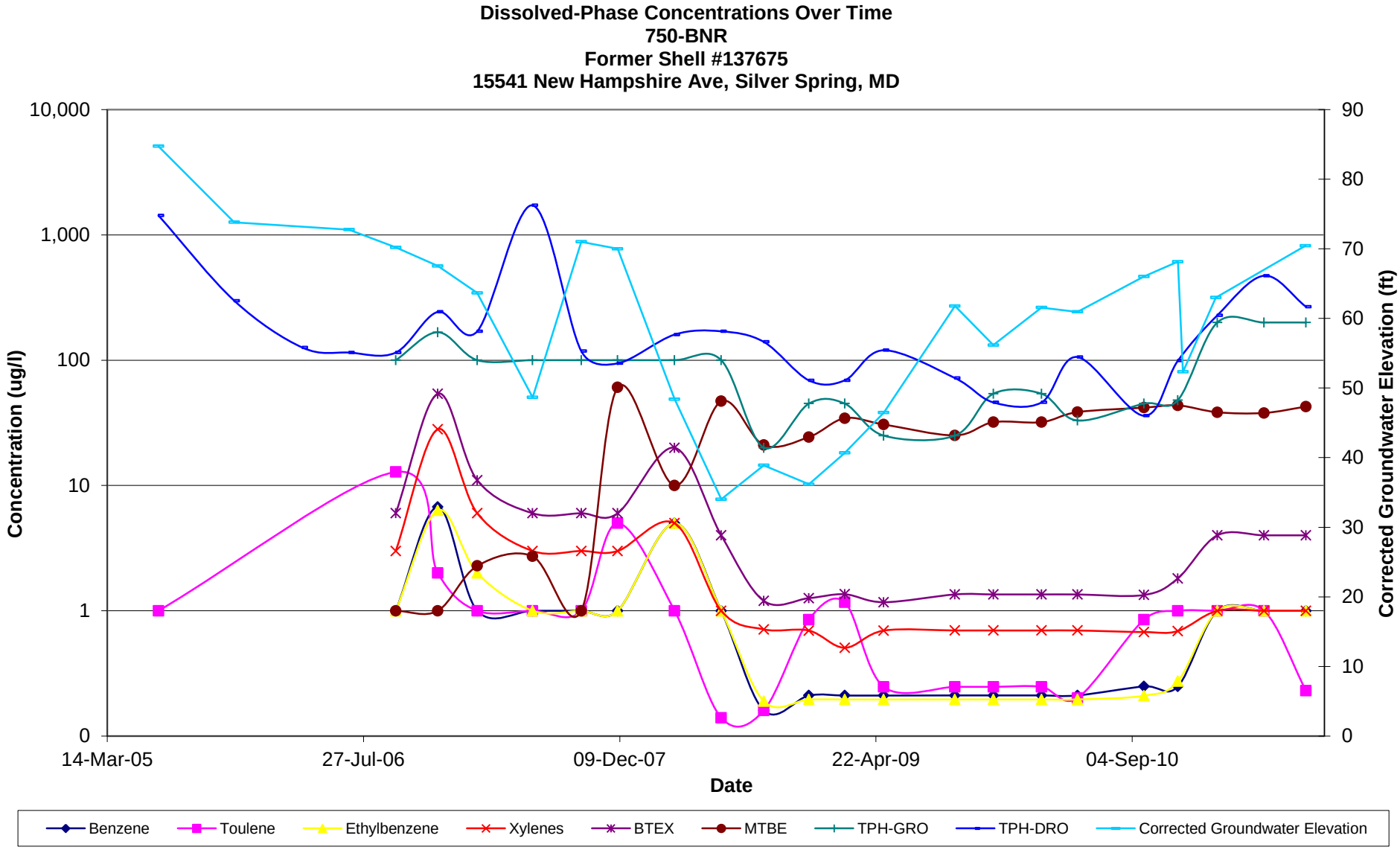

Dissolved-Phase Concentrations Over Time
711 BNR
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
63
62
61
60
59
58
57
56
06/25/2003
11/06/2004
03/21/2006
08/03/2007
12/15/2008
04/29/2010
09/11/2011
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

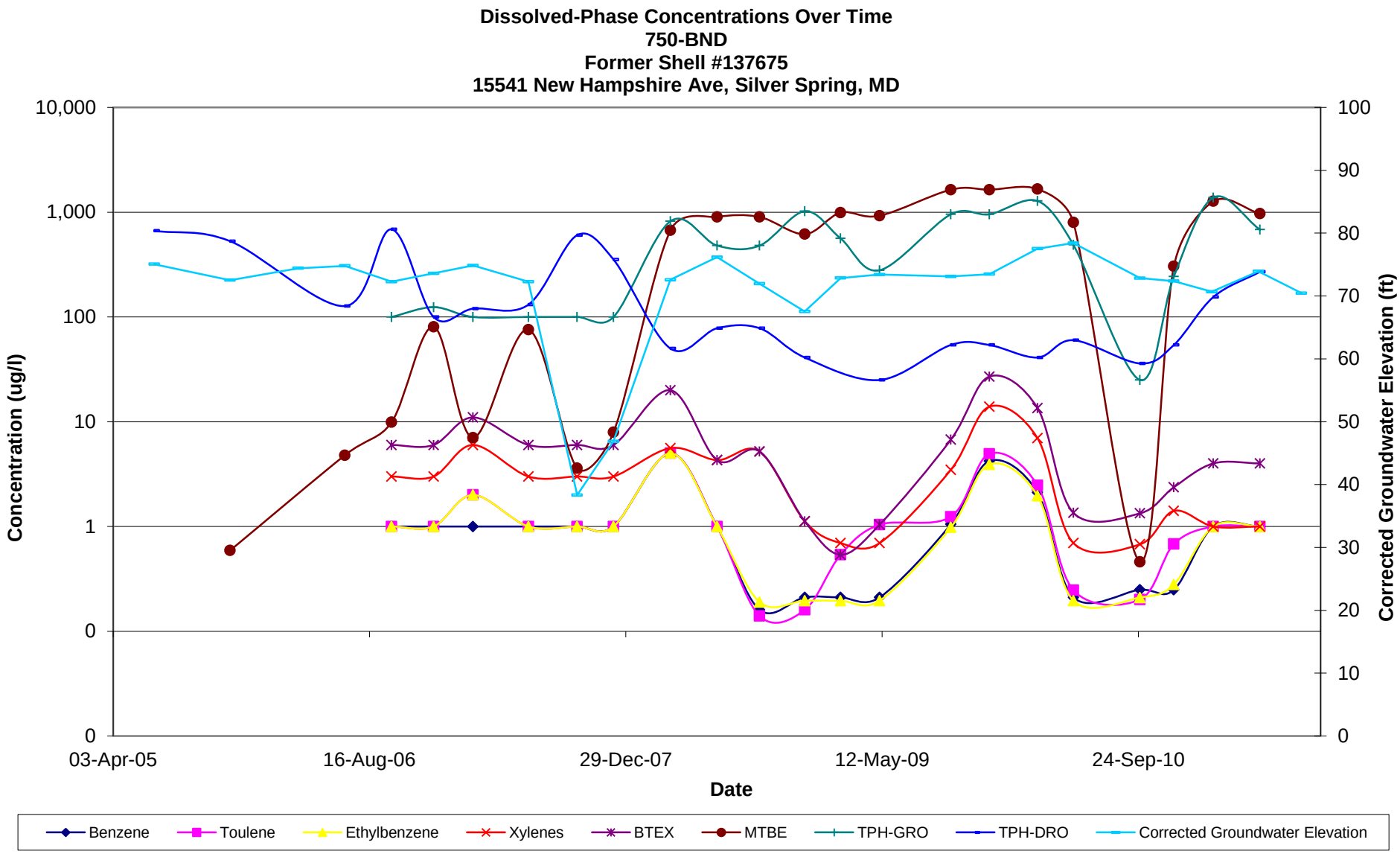

Dissolved-Phase Concentrations Over Time
720 BNR
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
68
67
66
65
64
63
62
61
02/13/2002
06/28/2003
11/09/2004
03/24/2006
08/06/2007
12/18/2008
05/02/2010
09/14/2011
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected GW Elevation

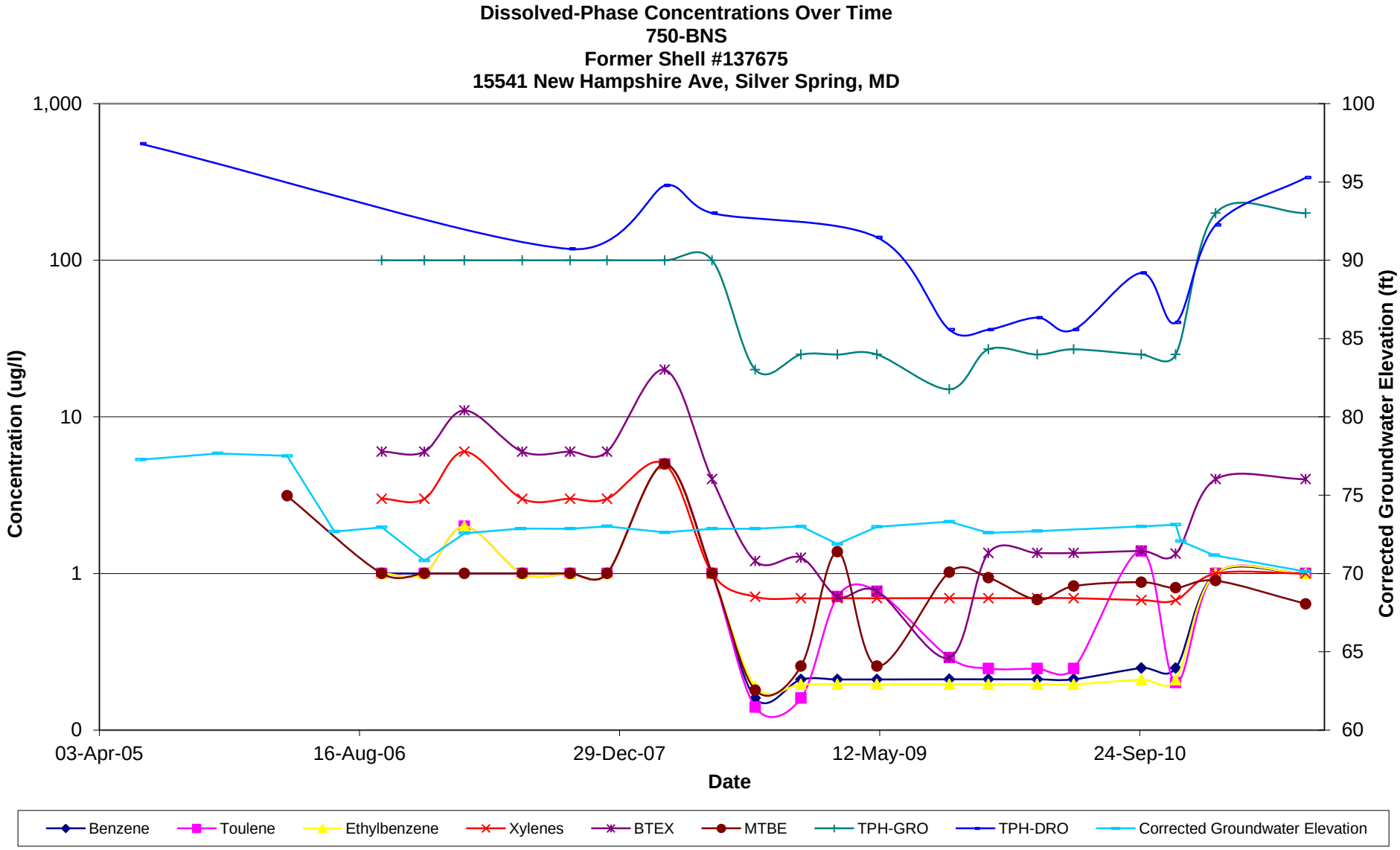

Dissolved-Phase Concentrations Over Time
721 BNR
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000
100
10
1
0
66
65.5
65
64.5
64
63.5
63
62.5
62
61.5
61
06/25/2003
11/06/2004
03/21/2006
08/03/2007
12/15/2008
04/29/2010
09/11/2011
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

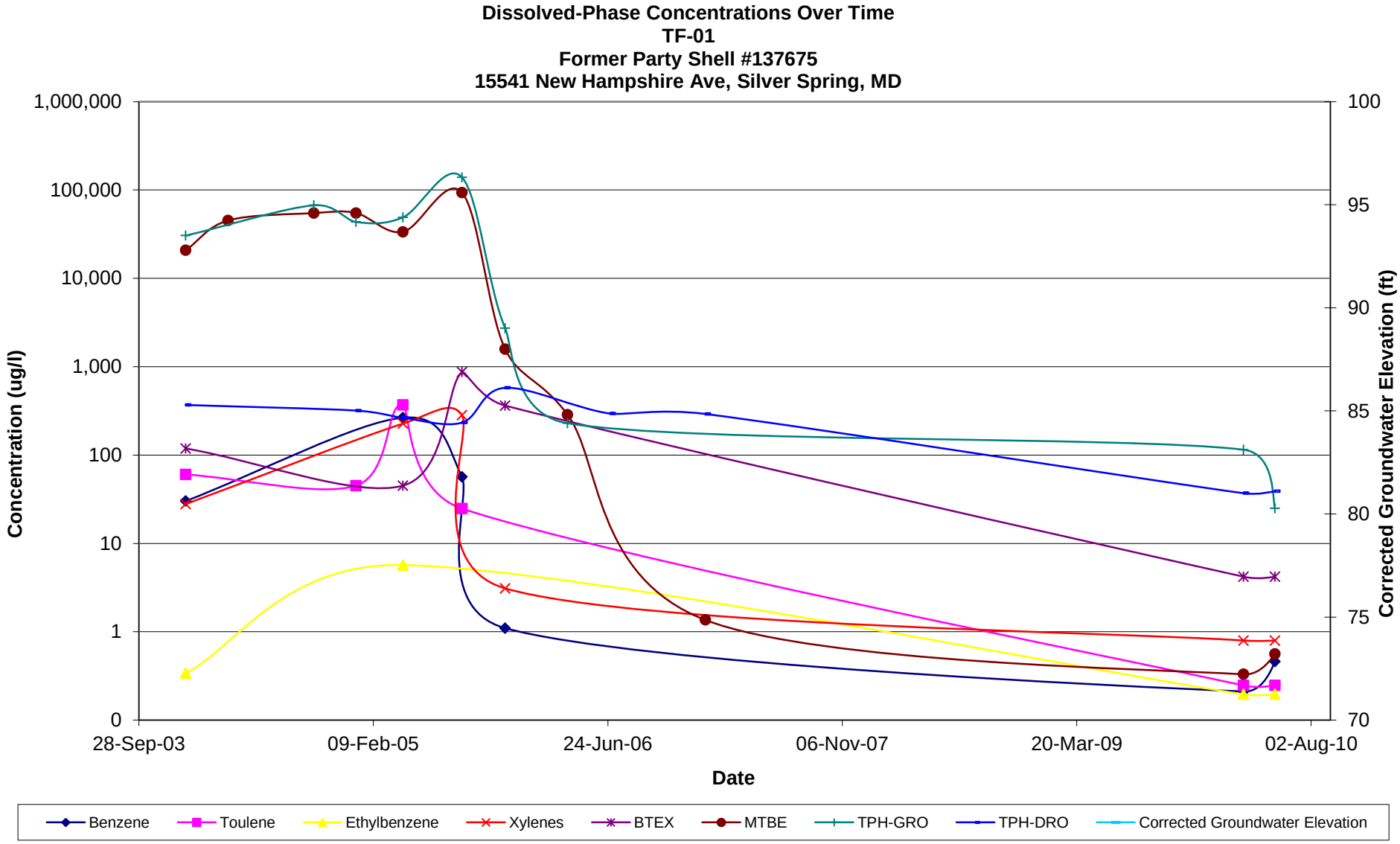

Dissolved-Phase Concentrations Over Time
730-BND
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
65
60
21-Sep-10
10-Nov-10
30-Dec-10
18-Feb-11
09-Apr-11
29-May-11
18-Jul-11
06-Sep-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

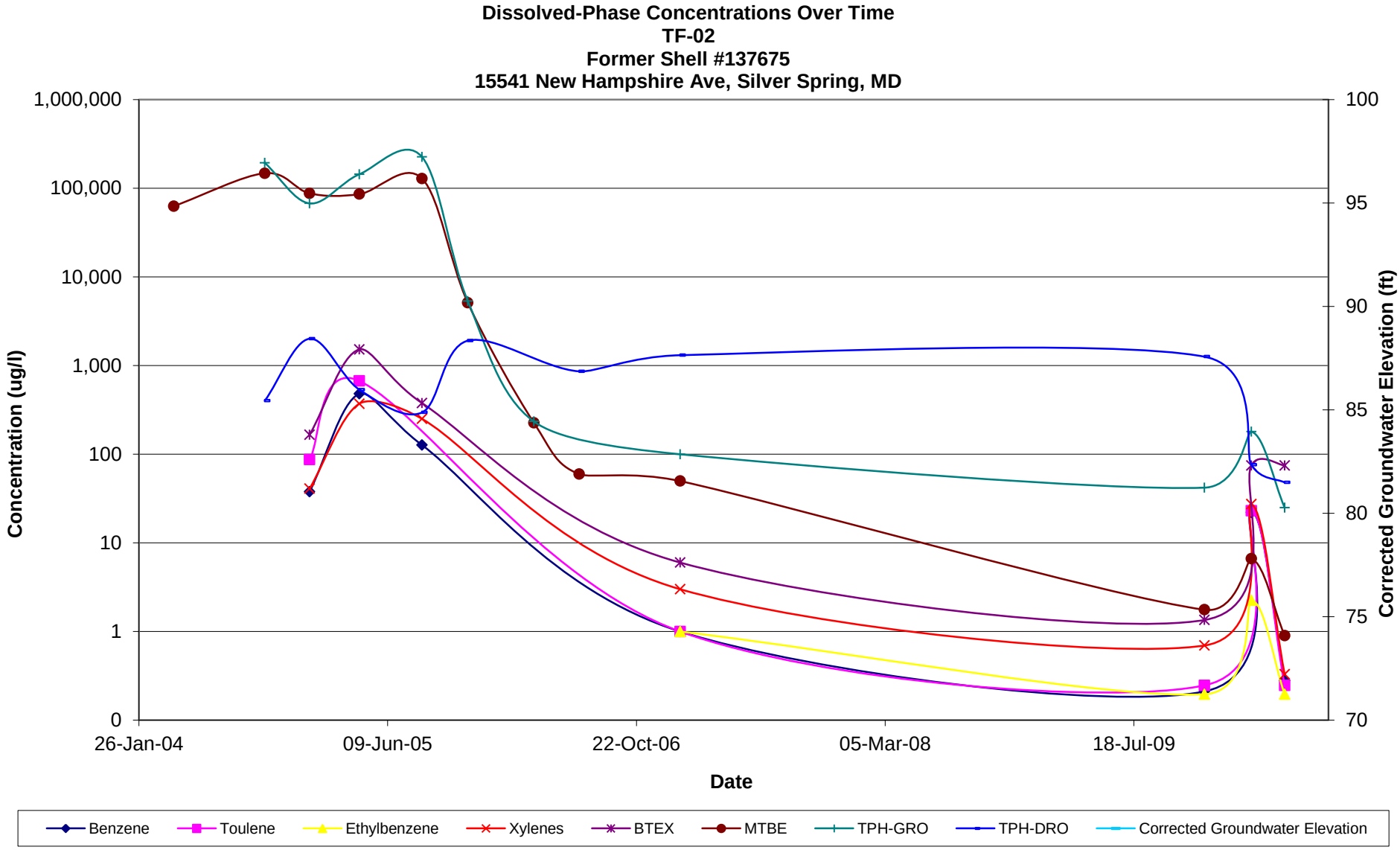

Dissolved-Phase Concentrations Over Time
730 - BNS
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
65
60
21-Sep-10
10-Nov-10
30-Dec-10
18-Feb-11
09-Apr-11
29-May-11
18-Jul-11
06-Sep-11
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation


Dissolved-Phase Concentrations Over Time
750-BNR
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
90
80
70
60
50
40
30
20
10
0
14-Mar-05
27-Jul-06
09-Dec-07
22-Apr-09
04-Sep-10
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation


Dissolved-Phase Concentrations Over Time
750-BND
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
10,000
1,000
100
10
1
0
0
Corrected Groundwater Elevation (ft)
100
90
80
70
60
50
40
30
20
10
0
03-Apr-05
16-Aug-06
29-Dec-07
12-May-09
24-Sep-10
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

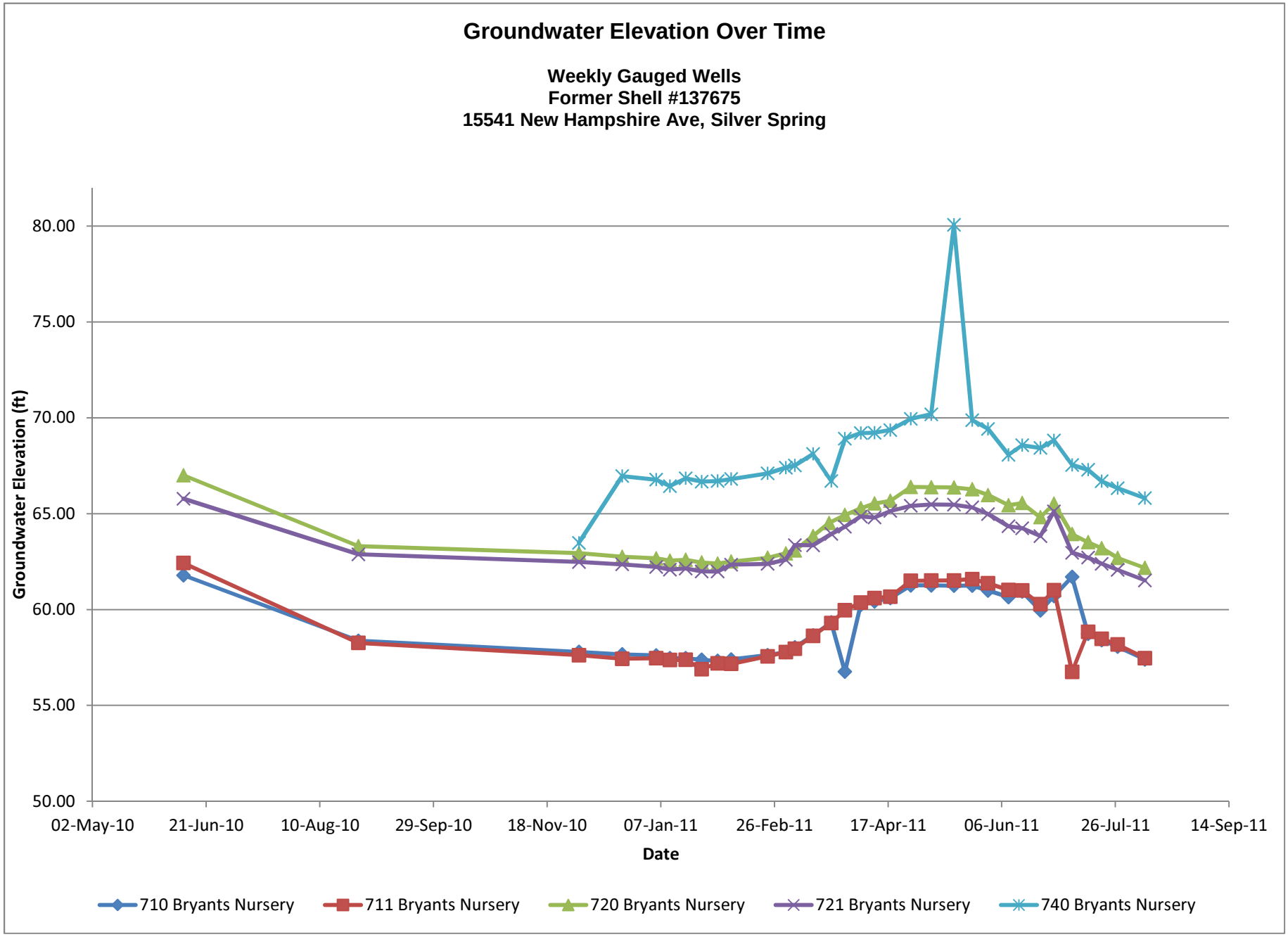

Dissolved-Phase Concentrations Over Time
750-BNS
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
65
60
03-Apr-05
16-Aug-06
29-Dec-07
12-May-09
24-Sep-10
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation


Dissolved-Phase Concentrations Over Time
TF-01
Former Party Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000,000
100,000
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
28-Sep-03
09-Feb-05
24-Jun-06
06-Nov-07
20-Mar-09
02-Aug-10
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation


Dissolved-Phase Concentrations Over Time
TF-02
Former Shell #137675
15541 New Hampshire Ave, Silver Spring, MD
Concentration (ug/l)
1,000,000
100,000
10,000
1,000
100
10
1
0
Corrected Groundwater Elevation (ft)
100
95
90
85
80
75
70
26-Jan-04
09-Jun-05
22-Oct-06
05-Mar-08
18-Jul-09
Date
Benzene
Toulene
Ethylbenzene
Xylenes
BTEX
MTBE
TPH-GRO
TPH-DRO
Corrected Groundwater Elevation

Appendix C

Groundwater Elevation Trends – Weekly Gauged Wells


Groundwater Elevation Over Time
Weekly Gauged Wells
Former Shell #137675
15541 New Hampshire Ave, Silver Spring
Groundwater Elevation (ft)
80.00
75.00
70.00
65.00
60.00
55.00
50.00
02-May-10
21-Jun-10
10-Aug-10
29-Sep-10
18-Nov-10
07-Jan-11
26-Feb-11
17-Apr-11
06-Jun-11
26-Jul-11
14-Sep-11
Date
710 Bryants Nursery
711 Bryants Nursery
720 Bryants Nursery
721 Bryants Nursery
740 Bryants Nursery

Appendix D

Potable Laboratory Analytical Report

New Jersey
ACCUTEST LABORATORIES

09/05/11

Technical Report for

Shell Oil Products US

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

INC#97436977

Accutest Job Number: JA84348

Sampling Date: 08/22/11

Report to:

URS Corporation
200 Orchard Ridge Drive Suite 101
Gaithersburg, MD 20878
jenna_anthony@urscorp.com; adriane_rogers@urscorp.com

ATTN: Jenna Anthony

Total number of pages in report: **41**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
VP, Laboratory Director

Client Service contact: Marty Vitanza 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

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Test results relate only to samples analyzed.

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Accutest Laboratories

Sample Summary

Shell Oil Products US

Job No: JA84348

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD
Project No: INC#97436977

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA84348-1	08/22/11	10:45	JA	08/23/11	DW	Drinking Water	640 BRYANTS NURSERY

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Shell Oil Products US	**Job No:**	JA84348
Site:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Sprin	**Report Date**	9/5/2011 8:37:47 PM

On 08/23/2011, 1 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 2.4 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA84348 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method EPA 524.2 REV 4.1

Matrix: AQ **Batch ID:** V1B2733

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA84236-2MS, JA84236-3DUP, JA84236-2MS were used as the QC samples indicated.
- Matrix Spike Recovery(s) for Hexane are outside control limits. Outside control limits due to matrix interference.

Volatiles by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** GLM2029

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA84356-8MS, JA84356-8MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** OP51258

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83213-1MS, JA83213-1MSD were used as the QC samples indicated.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

New Jersey

ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	640 BRYANTS NURSERY		
Lab Sample ID:	JA84348-1	**Date Sampled:**	08/22/11
Matrix:	DW - Drinking Water	**Date Received:**	08/23/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B59465.D	1	08/24/11	MFH	n/a	n/a	V1B2733
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.5	ug/l	
78-93-3	2-Butanone	ND		5.0	0.91	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.034	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.086	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.15	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.063	ug/l	
75-25-2	Bromoform	ND		0.50	0.11	ug/l	
74-83-9	Bromomethane	ND		0.50	0.21	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.086	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.19	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.052	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.042	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.067	ug/l	
75-00-3	Chloroethane	ND		0.50	0.22	ug/l	
67-66-3	Chloroform	ND		0.50	0.075	ug/l	
74-87-3	Chloromethane	ND		0.50	0.082	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.093	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.058	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.086	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.072	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.13	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.069	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.073	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.12	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.073	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.18	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.092	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.12	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.049	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	640 BRYANTS NURSERY		
Lab Sample ID:	JA84348-1	**Date Sampled:**	08/22/11
Matrix:	DW - Drinking Water	**Date Received:**	08/23/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.069	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.062	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.14	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.085	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.051	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.20	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.076	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.077	ug/l	
110-54-3	Hexane	ND		0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.37	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.096	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.13	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.058	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.28	ug/l	
91-20-3	Naphthalene	ND		0.50	0.12	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.064	ug/l	
100-42-5	Styrene	ND	100	0.50	0.052	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.14	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.065	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.078	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.12	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.058	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.24	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.14	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.089	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.085	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.067	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.083	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.13	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.12	ug/l	
	m,p-Xylene	ND		1.0	0.26	ug/l	
95-47-6	o-Xylene	ND		0.50	0.044	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.044	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	640 BRYANTS NURSERY		
Lab Sample ID:	JA84348-1	**Date Sampled:**	08/22/11
Matrix:	DW - Drinking Water	**Date Received:**	08/23/11
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	104%		78-114%
460-00-4	4-Bromofluorobenzene	95%		77-115%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	640 BRYANTS NURSERY		
Lab Sample ID:	JA84348-1	**Date Sampled:**	08/22/11
Matrix:	DW - Drinking Water	**Date Received:**	08/23/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50620.D	1	08/29/11	RP	n/a	n/a	GLM2029
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND		0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	96%		68-114%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	640 BRYANTS NURSERY		
Lab Sample ID:	JA84348-1	**Date Sampled:**	08/22/11
Matrix:	DW - Drinking Water	**Date Received:**	08/23/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64990.D	1	08/30/11	VDT	08/24/11	OP51258	GZZ2205
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND		0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	98%		34-131%
16416-32-3	Tetracosane-d50	95%		15-119%
438-22-2	5a-Androstane	90%		11-119%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New Jersey

ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Shell Oil Products Chain Of Custody Record

URS

LAB (LOCATION)
- [ ] XENCO ( )
- [ ] Test America ( )
- [x] OTHER ( )
  - [x] Lab Vendor # ( )
- [ ] SPL ( )

Lab Vendor # 1392517

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675)

SAP # 137675

[ ] CHECK IF NO INCIDENT # APPLIES

DATE: 8/22/11

PAGE: 1 of 1

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring

State: MD

GLOBAL ID NO.:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

EDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers

PHONE NO.: 301-258-9780

E-MAIL: adriane_rogers@urscorp.com

CONSULTANT PROJECT NO.: 137675

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

SAMPLER NAME(S) (Print): J. Anthony

LAB USE ONLY: JA84348

TELEPHONE: 301-258-9780

FAX: 301-869-8728

Bill To Contact E-MAIL: adriane_rogers@urscorp.com

TURNAROUND TIME (CALENDAR DAYS):
- [x] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [ ] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY:

DELIVERABLES: [ ] LEVEL 1 [x] LEVEL 2 [ ] LEVEL 3 [ ] LEVEL 4 [ ] OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1 2.4°C; Cooler #2; Cooler #3

SPECIAL INSTRUCTIONS OR NOTES: gasoline 672 Entered
- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED
- [ ] PROVIDE EDD DISK

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	Full List VOCs + oxy 5 (524.2) Drinking Water	Container PID Readings or Laboratory Notes
	~~600 Bryants Nursery~~			DW							x	x	x	VAC10
	~~601 Bryants Nursery~~			DW							x	x	x	2176
	~~610 Bryants Nursery~~			DW							x	x	x	
	~~611 Bryants Nursery~~			DW							x	x	x	
	~~621 Bryants Nursery~~			DW							x	x	x	
-1	640 Bryants Nursery	8/22	1045	DW							x	x	x	
	~~650 Bryants Nursery~~			DW							x	x	x	
	~~651 Bryants Nursery~~			DW							x	x	x	
	~~660 Bryants Nursery~~			DW							x	x	x	
	~~661 Bryants Nursery~~			DW							x	x	x	

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
J. Anthony	FedEx	8/22/11	1630
FEDEX 8740 8086 3876		8-23-11	10:00

05/2/06 Revision

Prepared as AA labels

7A

4.1

4

JA84348: Chain of Custody

Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number JA84348 **Client:**

Date / Time Received: 8/23/2011 **Project:**

No. Coolers: 1 **Airbill #'s:** **Delivery Method:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA84348: Chain of Custody
Page 2 of 2

New Jersey
ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2733-MB1	1B59460.D	1	08/24/11	MFH	n/a	n/a	V1B2733

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA84348-1

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.5	ug/l	
78-93-3	2-Butanone	ND	5.0	0.91	ug/l	
71-43-2	Benzene	ND	0.50	0.034	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.086	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.15	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.063	ug/l	
75-25-2	Bromoform	ND	0.50	0.11	ug/l	
74-83-9	Bromomethane	ND	0.50	0.21	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.086	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.19	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.052	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.042	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.067	ug/l	
75-00-3	Chloroethane	ND	0.50	0.22	ug/l	
67-66-3	Chloroform	ND	0.50	0.075	ug/l	
74-87-3	Chloromethane	ND	0.50	0.082	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.093	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.058	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.086	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.072	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.13	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.069	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.073	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.12	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.073	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.18	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.092	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.12	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND	0.50	0.049	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.069	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.062	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.14	ug/l	

Method Blank Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2733-MB1	1B59460.D	1	08/24/11	MFH	n/a	n/a	V1B2733

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA84348-1

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.085	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.051	ug/l	
108-20-3	Di-Isopropyl ether	ND	0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.20	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND	0.50	0.076	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.077	ug/l	
110-54-3	Hexane	ND	0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND	2.0	0.37	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.096	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.13	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.058	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.28	ug/l	
91-20-3	Naphthalene	ND	0.50	0.12	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.064	ug/l	
100-42-5	Styrene	ND	0.50	0.052	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	0.50	0.14	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.065	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.078	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.10	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.12	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.058	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.24	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.14	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.089	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.19	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.085	ug/l	
108-88-3	Toluene	ND	0.50	0.067	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.083	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.13	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND	5.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.12	ug/l	
	m,p-Xylene	ND	1.0	0.26	ug/l	
95-47-6	o-Xylene	ND	0.50	0.044	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.044	ug/l	

Method Blank Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2733-MB1	1B59460.D	1	08/24/11	MFH	n/a	n/a	V1B2733

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA84348-1

CAS No.	Surrogate Recoveries		Limits
2199-69-1	1,2-Dichlorobenzene-d4	103%	78-114%
460-00-4	4-Bromofluorobenzene	95%	77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2733-BS	1B59461.D	1	08/24/11	MFH	n/a	n/a	V1B2733

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA84348-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	20	18.3	92	70-130
78-93-3	2-Butanone	20	19.7	99	70-130
71-43-2	Benzene	5	5.5	110	70-130
108-86-1	Bromobenzene	5	5.6	112	70-130
74-97-5	Bromochloromethane	5	5.5	110	70-130
75-27-4	Bromodichloromethane	5	5.1	102	70-130
75-25-2	Bromoform	5	4.5	90	70-130
74-83-9	Bromomethane	2	2.2	110	70-130
104-51-8	n-Butylbenzene	5	5.7	114	70-130
135-98-8	sec-Butylbenzene	5	5.9	118	70-130
98-06-6	tert-Butylbenzene	5	5.8	116	70-130
75-15-0	Carbon disulfide	5	5.8	116	70-130
108-90-7	Chlorobenzene	5	5.6	112	70-130
75-00-3	Chloroethane	2	2.2	110	70-130
67-66-3	Chloroform	5	5.4	108	70-130
74-87-3	Chloromethane	2	1.8	90	70-130
95-49-8	o-Chlorotoluene	5	5.8	116	70-130
106-43-4	p-Chlorotoluene	5	5.4	108	70-130
56-23-5	Carbon tetrachloride	5	6.4	128	70-130
75-34-3	1,1-Dichloroethane	5	5.3	106	70-130
75-35-4	1,1-Dichloroethylene	5	5.7	114	70-130
563-58-6	1,1-Dichloropropene	5	6.0	120	70-130
96-12-8	1,2-Dibromo-3-chloropropane	5	4.8	96	70-130
106-93-4	1,2-Dibromoethane	5	5.2	104	70-130
107-06-2	1,2-Dichloroethane	5	5.1	102	70-130
78-87-5	1,2-Dichloropropane	5	5.3	106	70-130
142-28-9	1,3-Dichloropropane	5	5.2	104	70-130
594-20-7	2,2-Dichloropropane	5	5.6	112	70-130
124-48-1	Dibromochloromethane	5	5.0	100	70-130
74-95-3	Dibromomethane	5	5.2	104	70-130
75-71-8	Dichlorodifluoromethane	2	2.5	125	70-130
541-73-1	m-Dichlorobenzene	5	5.6	112	70-130
95-50-1	o-Dichlorobenzene	5	5.5	110	70-130
106-46-7	p-Dichlorobenzene	5	5.6	112	70-130
156-60-5	trans-1,2-Dichloroethylene	5	5.5	110	70-130
156-59-2	cis-1,2-Dichloroethylene	5	5.1	102	70-130

Blank Spike Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2733-BS	1B59461.D	1	08/24/11	MFH	n/a	n/a	V1B2733

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA84348-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-01-5	cis-1,3-Dichloropropene	5	5.1	102	70-130
10061-02-6	trans-1,3-Dichloropropene	5	5.1	102	70-130
108-20-3	Di-Isopropyl ether	5	4.3	86	70-130
100-41-4	Ethylbenzene	5	5.6	112	70-130
637-92-3	Ethyl tert Butyl Ether	5	4.7	94	70-130
87-68-3	Hexachlorobutadiene	5	6.2	124	70-130
110-54-3	Hexane	5	5.9	118	70-130
591-78-6	2-Hexanone	20	17.8	89	70-130
98-82-8	Isopropylbenzene	5	5.7	114	70-130
99-87-6	p-Isopropyltoluene	5	5.8	116	70-130
75-09-2	Methylene chloride	5	5.0	100	70-130
1634-04-4	Methyl Tert Butyl Ether	10	9.3	93	70-130
108-10-1	4-Methyl-2-pentanone	20	17.9	90	70-130
91-20-3	Naphthalene	5	5.8	116	70-130
103-65-1	n-Propylbenzene	5	5.7	114	70-130
100-42-5	Styrene	5	5.1	102	70-130
994-05-8	tert-Amyl Methyl Ether	5	5.0	100	70-130
630-20-6	1,1,1,2-Tetrachloroethane	5	5.4	108	70-130
71-55-6	1,1,1-Trichloroethane	5	6.1	122	70-130
79-34-5	1,1,2,2-Tetrachloroethane	5	5.2	104	70-130
79-00-5	1,1,2-Trichloroethane	5	5.2	104	70-130
87-61-6	1,2,3-Trichlorobenzene	5	5.8	116	70-130
96-18-4	1,2,3-Trichloropropane	5	5.2	104	70-130
120-82-1	1,2,4-Trichlorobenzene	5	5.8	116	70-130
95-63-6	1,2,4-Trimethylbenzene	5	5.6	112	70-130
108-67-8	1,3,5-Trimethylbenzene	5	5.6	112	70-130
127-18-4	Tetrachloroethylene	5	6.2	124	70-130
108-88-3	Toluene	5	5.7	114	70-130
79-01-6	Trichloroethylene	5	5.7	114	70-130
75-69-4	Trichlorofluoromethane	2	2.6	130	70-130
75-65-0	Tertiary Butyl Alcohol	25	23.9	96	70-130
75-01-4	Vinyl chloride	2	2.1	105	70-130
	m,p-Xylene	10	11.6	116	70-130
95-47-6	o-Xylene	5	5.5	110	70-130
1330-20-7	Xylenes (total)	15	17.1	114	70-130

Blank Spike Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B2733-BS	1B59461.D	1	08/24/11	MFH	n/a	n/a	V1B2733

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA84348-1

CAS No.	Surrogate Recoveries	BSP	Limits
2199-69-1	1,2-Dichlorobenzene-d4	109%	78-114%
460-00-4	4-Bromofluorobenzene	99%	77-115%

Matrix Spike Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA84236-2MS	1B59467.D	1	08/24/11	MFH	n/a	n/a	V1B2733
JA84236-2	1B59462.D	1	08/24/11	MFH	n/a	n/a	V1B2733

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA84348-1

CAS No.	Compound	JA84236-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
67-64-1	Acetone	ND		20	18.1	91	41-142
78-93-3	2-Butanone	ND		20	19.5	98	55-129
71-43-2	Benzene	ND		5	5.9	118	53-138
108-86-1	Bromobenzene	ND		5	5.8	116	54-138
74-97-5	Bromochloromethane	ND		5	6.0	120	55-140
75-27-4	Bromodichloromethane	ND		5	5.3	106	57-147
75-25-2	Bromoform	ND		5	4.7	94	47-137
74-83-9	Bromomethane	ND		2	1.7	85	40-162
104-51-8	n-Butylbenzene	ND		5	6.4	128	45-144
135-98-8	sec-Butylbenzene	ND		5	6.5	130	46-145
98-06-6	tert-Butylbenzene	ND		5	6.2	124	48-141
75-15-0	Carbon disulfide	ND		5	5.6	112	35-127
108-90-7	Chlorobenzene	ND		5	6.0	120	54-135
75-00-3	Chloroethane	ND		2	1.8	90	38-153
67-66-3	Chloroform	0.75		5	6.5	115	57-151
74-87-3	Chloromethane	ND		2	1.4	70	39-165
95-49-8	o-Chlorotoluene	ND		5	6.1	122	55-142
106-43-4	p-Chlorotoluene	ND		5	5.7	114	55-139
56-23-5	Carbon tetrachloride	ND		5	7.2	144	49-170
75-34-3	1,1-Dichloroethane	ND		5	5.8	116	55-149
75-35-4	1,1-Dichloroethylene	ND		5	6.7	134	42-142
563-58-6	1,1-Dichloropropene	ND		5	6.7	134	46-151
96-12-8	1,2-Dibromo-3-chloropropane	ND		5	5.3	106	48-141
106-93-4	1,2-Dibromoethane	ND		5	5.4	108	57-135
107-06-2	1,2-Dichloroethane	ND		5	5.3	106	59-166
78-87-5	1,2-Dichloropropane	ND		5	5.5	110	53-142
142-28-9	1,3-Dichloropropane	ND		5	5.3	106	58-143
594-20-7	2,2-Dichloropropane	ND		5	6.4	128	38-165
124-48-1	Dibromochloromethane	ND		5	5.1	102	55-138
74-95-3	Dibromomethane	ND		5	5.4	108	61-144
75-71-8	Dichlorodifluoromethane	ND		2	2.0	100	23-172
541-73-1	m-Dichlorobenzene	ND		5	6.0	120	53-138
95-50-1	o-Dichlorobenzene	ND		5	5.8	116	54-140
106-46-7	p-Dichlorobenzene	ND		5	5.9	118	53-137
156-60-5	trans-1,2-Dichloroethylene	ND		5	6.0	120	47-148
156-59-2	cis-1,2-Dichloroethylene	ND		5	5.7	114	51-146

Matrix Spike Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA84236-2MS	1B59467.D	1	08/24/11	MFH	n/a	n/a	V1B2733
JA84236-2	1B59462.D	1	08/24/11	MFH	n/a	n/a	V1B2733

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA84348-1

CAS No.	Compound	JA84236-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
10061-01-5	cis-1,3-Dichloropropene	ND		5	5.3	106	51-136
10061-02-6	trans-1,3-Dichloropropene	ND		5	5.2	104	54-142
108-20-3	Di-Isopropyl ether	ND		5	5.0	100	38-142
100-41-4	Ethylbenzene	ND		5	6.0	120	51-138
637-92-3	Ethyl tert Butyl Ether	ND		5	5.1	102	49-134
87-68-3	Hexachlorobutadiene	ND		5	6.8	136	40-154
110-54-3	Hexane	ND		5	7.5	150* [a]	22-142
591-78-6	2-Hexanone	ND		20	17.7	89	53-128
98-82-8	Isopropylbenzene	ND		5	6.2	124	49-139
99-87-6	p-Isopropyltoluene	ND		5	6.3	126	45-141
75-09-2	Methylene chloride	ND		5	5.4	108	54-137
1634-04-4	Methyl Tert Butyl Ether	1.9		5	6.8	98	53-143
108-10-1	4-Methyl-2-pentanone	ND		20	18.1	91	58-127
91-20-3	Naphthalene	ND		5	5.9	118	44-140
103-65-1	n-Propylbenzene	ND		5	6.2	124	50-142
100-42-5	Styrene	ND		5	5.3	106	23-130
994-05-8	tert-Amyl Methyl Ether	ND		5	5.1	102	51-125
630-20-6	1,1,1,2-Tetrachloroethane	ND		5	5.9	118	57-144
71-55-6	1,1,1-Trichloroethane	ND		5	6.6	132	52-164
79-34-5	1,1,2,2-Tetrachloroethane	ND		5	5.3	106	58-138
79-00-5	1,1,2-Trichloroethane	ND		5	5.4	108	59-139
87-61-6	1,2,3-Trichlorobenzene	ND		5	6.0	120	47-141
96-18-4	1,2,3-Trichloropropane	ND		5	5.5	110	56-148
120-82-1	1,2,4-Trichlorobenzene	ND		5	6.0	120	46-137
95-63-6	1,2,4-Trimethylbenzene	ND		5	5.9	118	41-138
108-67-8	1,3,5-Trimethylbenzene	ND		5	5.9	118	45-138
127-18-4	Tetrachloroethylene	ND		5	6.9	138	45-145
108-88-3	Toluene	ND		5	6.1	122	52-134
79-01-6	Trichloroethylene	ND		5	6.2	124	54-143
75-69-4	Trichlorofluoromethane	ND		2	2.1	105	36-167
75-65-0	Tertiary Butyl Alcohol	ND		25	30.1	120	61-132
75-01-4	Vinyl chloride	ND		2	1.7	85	35-162
	m,p-Xylene	ND		10	12.3	123	49-135
95-47-6	o-Xylene	ND		5	6.0	120	49-134
1330-20-7	Xylenes (total)	ND		15	18.2	121	50-134

Matrix Spike Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA84236-2MS	1B59467.D	1	08/24/11	MFH	n/a	n/a	V1B2733
JA84236-2	1B59462.D	1	08/24/11	MFH	n/a	n/a	V1B2733

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA84348-1

CAS No.	Surrogate Recoveries	MS	JA84236-2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	109%	103%	78-114%
460-00-4	4-Bromofluorobenzene	97%	96%	77-115%

(a) Outside control limits due to matrix interference.

Duplicate Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA84236-3DUP	1B59468.D	1	08/24/11	MFH	n/a	n/a	V1B2733
JA84236-3	1B59463.D	1	08/24/11	MFH	n/a	n/a	V1B2733

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA84348-1

CAS No.	Compound	JA84236-3 ug/l	Q	DUP ug/l	Q	RPD	Limits
67-64-1	Acetone	ND		ND		nc	10
78-93-3	2-Butanone	ND		ND		nc	12
71-43-2	Benzene	ND		ND		nc	10
108-86-1	Bromobenzene	ND		ND		nc	10
74-97-5	Bromochloromethane	ND		ND		nc	10
75-27-4	Bromodichloromethane	ND		ND		nc	10
75-25-2	Bromoform	ND		ND		nc	10
74-83-9	Bromomethane	ND		ND		nc	10
104-51-8	n-Butylbenzene	ND		ND		nc	10
135-98-8	sec-Butylbenzene	ND		ND		nc	10
98-06-6	tert-Butylbenzene	ND		ND		nc	10
75-15-0	Carbon disulfide	ND		ND		nc	19
108-90-7	Chlorobenzene	ND		ND		nc	10
75-00-3	Chloroethane	ND		ND		nc	10
67-66-3	Chloroform	ND		ND		nc	12
74-87-3	Chloromethane	ND		ND		nc	10
95-49-8	o-Chlorotoluene	ND		ND		nc	10
106-43-4	p-Chlorotoluene	ND		ND		nc	10
56-23-5	Carbon tetrachloride	ND		ND		nc	10
75-34-3	1,1-Dichloroethane	ND		ND		nc	10
75-35-4	1,1-Dichloroethylene	ND		ND		nc	10
563-58-6	1,1-Dichloropropene	ND		ND		nc	10
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	10
106-93-4	1,2-Dibromoethane	ND		ND		nc	10
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
78-87-5	1,2-Dichloropropane	ND		ND		nc	10
142-28-9	1,3-Dichloropropane	ND		ND		nc	10
594-20-7	2,2-Dichloropropane	ND		ND		nc	10
124-48-1	Dibromochloromethane	ND		ND		nc	10
74-95-3	Dibromomethane	ND		ND		nc	10
75-71-8	Dichlorodifluoromethane	ND		ND		nc	10
541-73-1	m-Dichlorobenzene	ND		ND		nc	10
95-50-1	o-Dichlorobenzene	ND		ND		nc	10
106-46-7	p-Dichlorobenzene	ND		ND		nc	10
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	10

Duplicate Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA84236-3DUP	1B59468.D	1	08/24/11	MFH	n/a	n/a	V1B2733
JA84236-3	1B59463.D	1	08/24/11	MFH	n/a	n/a	V1B2733

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA84348-1

CAS No.	Compound	JA84236-3 ug/l	Q	DUP ug/l	Q	RPD	Limits
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	10
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	10
108-20-3	Di-Isopropyl ether	ND		ND		nc	10
100-41-4	Ethylbenzene	ND		ND		nc	10
637-92-3	Ethyl tert Butyl Ether	ND		ND		nc	10
87-68-3	Hexachlorobutadiene	ND		ND		nc	10
110-54-3	Hexane	ND		ND		nc	10
591-78-6	2-Hexanone	ND		ND		nc	10
98-82-8	Isopropylbenzene	ND		ND		nc	10
99-87-6	p-Isopropyltoluene	ND		ND		nc	10
75-09-2	Methylene chloride	ND		ND		nc	10
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	10
108-10-1	4-Methyl-2-pentanone	ND		ND		nc	10
91-20-3	Naphthalene	ND		ND		nc	10
103-65-1	n-Propylbenzene	ND		ND		nc	10
100-42-5	Styrene	ND		ND		nc	10
994-05-8	tert-Amyl Methyl Ether	ND		ND		nc	10
630-20-6	1,1,1,2-Tetrachloroethane	ND		ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	10
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	10
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	10
96-18-4	1,2,3-Trichloropropane	ND		ND		nc	10
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	10
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	10
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	10
127-18-4	Tetrachloroethylene	ND		ND		nc	10
108-88-3	Toluene	ND		ND		nc	10
79-01-6	Trichloroethylene	ND		ND		nc	10
75-69-4	Trichlorofluoromethane	ND		ND		nc	10
75-65-0	Tertiary Butyl Alcohol	ND		ND		nc	10
75-01-4	Vinyl chloride	ND		ND		nc	10
	m,p-Xylene	ND		ND		nc	10
95-47-6	o-Xylene	ND		ND		nc	10
1330-20-7	Xylenes (total)	ND		ND		nc	10

Duplicate Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA84236-3DUP	1B59468.D	1	08/24/11	MFH	n/a	n/a	V1B2733
JA84236-3	1B59463.D	1	08/24/11	MFH	n/a	n/a	V1B2733

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JA84348-1

CAS No.	Surrogate Recoveries	DUP	JA84236-3	Limits
2199-69-1	1,2-Dichlorobenzene-d4	103%	104%	78-114%
460-00-4	4-Bromofluorobenzene	95%	97%	77-115%

Instrument Performance Check (BFB)

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V1B2664-BFB
Lab File ID: 1B57986.D
Instrument ID: GCMS1B
Injection Date: 07/11/11
Injection Time: 10:07

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	2284	19.5		Pass
75	30.0 - 80.0% of mass 95	5783	49.3		Pass
95	Base peak, 100% relative abundance	11724	100.0		Pass
96	5.0 - 9.0% of mass 95	817	6.97		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	8514	72.6		Pass
175	5.0 - 9.0% of mass 174	659	5.62	(7.74) [a]	Pass
176	95.0 - 101.0% of mass 174	8315	70.9	(97.7) [a]	Pass
177	5.0 - 9.0% of mass 176	526	4.49	(6.33) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1B2664-IC2664	1B57987.D	07/11/11	10:39	00:32	Initial cal 0.5
V1B2664-IC2664	1B57988.D	07/11/11	11:11	01:04	Initial cal 1
V1B2664-IC2664	1B57990.D	07/11/11	12:15	02:08	Initial cal 5
V1B2664-ICC2664	1B57991.D	07/11/11	12:47	02:40	Initial cal 10
V1B2664-IC2664	1B57992.D	07/11/11	13:19	03:12	Initial cal 20
V1B2664-IC2664	1B57993.D	07/11/11	13:51	03:44	Initial cal 40
V1B2664-IC2664	1B57995.D	07/11/11	14:51	04:44	Initial cal 2
V1B2664-ICV2664	1B57996.D	07/11/11	15:34	05:27	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V1B2733-BFB
Lab File ID: 1B59458.D
Instrument ID: GCMS1B
Injection Date: 08/24/11
Injection Time: 08:01

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	1863	16.8		Pass
75	30.0 - 80.0% of mass 95	5128	46.2		Pass
95	Base peak, 100% relative abundance	11107	100.0		Pass
96	5.0 - 9.0% of mass 95	875	7.88		Pass
173	Less than 2.0% of mass 174	33	0.30	(0.40) [a]	Pass
174	50.0 - 120.0% of mass 95	8354	75.2		Pass
175	5.0 - 9.0% of mass 174	657	5.92	(7.86) [a]	Pass
176	95.0 - 101.0% of mass 174	8294	74.7	(99.3) [a]	Pass
177	5.0 - 9.0% of mass 176	551	4.96	(6.64) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1B2733-CC2664	1B59459.D	08/24/11	08:39	00:38	Continuing cal 5
V1B2733-MB1	1B59460.D	08/24/11	09:30	01:29	Method Blank
V1B2733-BS	1B59461.D	08/24/11	10:59	02:58	Blank Spike
JA84236-2	1B59462.D	08/24/11	11:42	03:41	(used for QC only; not part of job JA84348)
JA84236-3	1B59463.D	08/24/11	12:14	04:13	(used for QC only; not part of job JA84348)
ZZZZZZ	1B59464.D	08/24/11	12:46	04:45	(unrelated sample)
JA84348-1	1B59465.D	08/24/11	13:18	05:17	640 BRYANTS NURSERY
ZZZZZZ	1B59466.D	08/24/11	13:50	05:49	(unrelated sample)
JA84236-2MS	1B59467.D	08/24/11	14:22	06:21	Matrix Spike
JA84236-3DUP	1B59468.D	08/24/11	14:54	06:53	Duplicate
ZZZZZZ	1B59469.D	08/24/11	15:26	07:25	(unrelated sample)
ZZZZZZ	1B59470.D	08/24/11	15:58	07:57	(unrelated sample)
ZZZZZZ	1B59471.D	08/24/11	16:30	08:29	(unrelated sample)
ZZZZZZ	1B59472.D	08/24/11	17:02	09:01	(unrelated sample)
ZZZZZZ	1B59473.D	08/24/11	17:34	09:33	(unrelated sample)
ZZZZZZ	1B59474.D	08/24/11	18:06	10:05	(unrelated sample)

Volatile Surrogate Recovery Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: EPA 524.2 REV 4.1 **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2
JA84348-1	1B59465.D	104.0	95.0
JA84236-2MS	1B59467.D	109.0	97.0
JA84236-3DUP	1B59468.D	103.0	95.0
V1B2733-BS	1B59461.D	109.0	99.0
V1B2733-MB1	1B59460.D	103.0	95.0

Surrogate Compounds	Recovery Limits
S1 = 1,2-Dichlorobenzene-d4	78-114%
S2 = 4-Bromofluorobenzene	77-115%

New Jersey

ACCUTEST LABORATORIES

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2029-MB2	LM50619.D	1	08/29/11	RP	n/a	n/a	GLM2029

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA84348-1

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	96%	68-114%

Method Blank Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2029-MB1	LM50611.D	1	08/29/11	RP	n/a	n/a	GLM2029

The QC reported here applies to the following samples: **Method:** SW846 8015C

GLM2029-BS, JA84356-8MS, JA84356-8MSD

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	95%	68-114%

Blank Spike Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2029-BS	LM50617.D	1	08/29/11	RP	n/a	n/a	GLM2029

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA84348-1

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	7.30	91	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	103%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA84356-8MS	LM50615.D	1	08/29/11	RP	n/a	n/a	GLM2029
JA84356-8MSD	LM50616.D	1	08/29/11	RP	n/a	n/a	GLM2029
JA84356-8	LM50612.D	1	08/29/11	RP	n/a	n/a	GLM2029

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA84348-1

CAS No.	Compound	JA84356-8 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		8	7.07	88	7.20	90	2	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA84356-8	Limits
98-08-8	aaa-Trifluorotoluene	101%	101%	95%	68-114%

Volatile Surrogate Recovery Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
JA84348-1	LM50620.D	96.0
GLM2029-BS	LM50617.D	103.0
GLM2029-MB2	LM50619.D	96.0
JA84356-8MS	LM50615.D	101.0
JA84356-8MSD	LM50616.D	101.0
GLM2029-MB1	LM50611.D	95.0

Surrogate Compounds	Recovery Limits
S1 = aaa-Trifluorotoluene	68-114%

(a) Recovery from GC signal #1

New Jersey
ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51258-MB2	ZZ65025.D	1	08/31/11	VDT	08/24/11	OP51258	GZZ2206

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA84348-1

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	113%	34-131%
16416-32-3	Tetracosane-d50	107%	15-119%
438-22-2	5a-Androstane	94%	11-119%

Method Blank Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51258-MB1	2Z19937.D	1	08/23/11	OPM	08/12/11	OP51258	G2Z850

The QC reported here applies to the following samples: **Method:** SW846 8015C

OP51258-MS, OP51258-MSD

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	87%	34-131%
16416-32-3	Tetracosane-d50	61%	15-119%
438-22-2	5a-Androstane	58%	11-119%

Blank Spike Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51258-BS2	ZZ64985.D	1	08/30/11	VDT	08/24/11	OP51258	GZZ2205

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA84348-1

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-DRO (C10-C28)	1	0.834	83	36-118

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	94%	34-131%
16416-32-3	Tetracosane-d50	85%	15-119%
438-22-2	5a-Androstane	81%	11-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51258-MS	2Z19955.D	1	08/24/11	OPM	08/12/11	OP51258	G2Z850
OP51258-MSD	2Z19958.D	1	08/24/11	OPM	08/12/11	OP51258	G2Z850
JA83213-1	2Z19939.D	1	08/23/11	OPM	08/12/11	OP51258	G2Z850

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA84348-1

CAS No.	Compound	JA83213-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	ND		2.08	1.96	94	1.97	95	1	10-132/38

CAS No.	Surrogate Recoveries	MS	MSD	JA83213-1	Limits
84-15-1	o-Terphenyl	86%	87%	95%	34-131%
16416-32-3	Tetracosane-d50	88%	88%	91%	15-119%
438-22-2	5a-Androstane	84%	85%	85%	11-119%

Semivolatile Surrogate Recovery Summary

Job Number: JA84348
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S2 [a]	S3 [a]
JA84348-1	ZZ64990.D	98.0	95.0	90.0
OP51258-BS2	ZZ64985.D	94.0	85.0	81.0
OP51258-MB2	ZZ65025.D	113.0	107.0	94.0
OP51258-MS	2Z19955.D	86.0	88.0	84.0
OP51258-MSD	2Z19958.D	87.0	88.0	85.0
OP51258-MB1	2Z19937.D	87.0	61.0	58.0

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	34-131%
S2 = Tetracosane-d50	15-119%
S3 = 5a-Androstane	11-119%

(a) Recovery from GC signal #1

Appendix E
Quarterly DMR

October 12, 2011

Mr. Albert Simkins
Maryland Department of the Environment
Waste Management Administration
Oil Control Program
1800 Washington Boulevard
Baltimore, MD 21230

RE: Motiva Enterprises, LLC – Third Quarter 2011 – Discharge Monitoring Reports
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, Maryland
National Pollutant Discharge Elimination System Permit #MDG916723

Dear Mr. Simkins:

Please find the attached Third Quarter 2011 discharge monitoring report (DMR) for the above referenced location. If you have any questions regarding this report or require additional information, please do not hesitate to contact me at 301.820.3241.

Sincerely,
URS Corporation

Adriane Rogers

Adriane Rogers
Project Manager

Attachment

cc: Mr. Edward Henke (Motiva Enterprises, LLC via Livelink)

URS Corporation
12420 Milestone Center Drive, Suite 150
Germantown, MD 20876
Phone: 301.820.3000

PERMITTEE NAME / ADDRESS (Include Facility Name/ Location if different)	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)	
Name Motiva Enterprises, LLC **Address** 4094 Majestic Lane, PMB 224 Fairfax, VA 22033	MDG916723 (PERMIT NUMBER)	001 (DISCHARGE NUMBER)
Facility Location Former Shell Station #137675 15541 New Hampshire Avenue Silver Spring, Montgomery County, MD 20904	MONITORING PERIOD FROM YEAR 11 MO 7 DAY 1 TO YEAR 11 MO 9 DAY 30	Form Approved. OMB No. 2040-0004 □ Check here for **no discharge**. NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
METHYL TERT BUTYL ETHER 22417 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				<1.0	<1.0	<1.0	µg/l	0	2/30	GRAB
	PERMIT REQUIREMENT	XXXXXXXXXXXXX	XXXXXXXXXX		XXXXXXXXX	REPORT QUARTERLY AVG	REPORT DAILY MAX.			2/30	GRAB
FLOW, IN CONDUIT OR THROUGH TREATMENT PLANT 50050 1 0 0	SAMPLE MEASUREMENT	1,884	2,427	gpd	XXXXXXXXX	XXXXXXXXX	XXXXXXXX	gpd	0	2/30	ESTIMATE
	PERMIT REQUIREMENT	REPORT QUARTERLY AVERAGE	REPORT DAILY MAXIMUM		XXXXXXXXX	XXXXXXXXX	XXXXXXXX			2/30	ESTIMATE
BENZENE 34030 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				<1.0	<1.0	<1.0	µg/l	0	2/30	GRAB
	PERMIT REQUIREMENT	XXXXXXXXXXXXX	XXXXXXXXXXX		XXXXXXXXX	REPORT QUARTERLY AVG	5			2/30	GRAB
TOLUENE 34010 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				<1.0	<1.0	<1.0	µg/l	0	2/30	GRAB
	PERMIT REQUIREMENT	XXXXXXXXXXXXX	XXXXXXXXXX		XXXXXXXXX	REPORT QUARTERLY AVG	REPORT DAILY MAX.			2/30	GRAB
ETHYL BENZENE 37371 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				<1.0	<1.0	<1.0	µg/l	0	2/30	GRAB
	PERMIT REQUIREMENT	XXXXXXXXXXXXX	XXXXXXXXXX		XXXXXXXXX	REPORT QUARTERLY AVG	REPORT DAILY MAX.			2/30	GRAB
XYLENE 81551 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				<1.0	<1.0	<1.0	µg/l	0	2/30	GRAB
	PERMIT REQUIREMENT	XXXXXXXXXXXXX	XXXXXXXXXX		XXXXXXXXX	REPORT QUARTERLY AVG	REPORT DAILY MAX.			2/30	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Doug Weimer, Environmental Engineer	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SES 18 U.S.C. §1001 AND 33 U.S.C §1319 (Penalities under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years)		(703) 272-7097			
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(AREA CODE) NUMBER	YEAR	MO	DAY

State Discharge Permit No.: 2008-OGR-6723	COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)	Page 1 of 2

PERMITTEE NAME / ADDRESS (Include Facility Name/ Location if different)	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)	
Name Motiva Enterprises, LLC **Address** 4094 Majestic Lane, PMB 224 Fairfax, VA 22033 **Facility Location** Former Shell Station #137675 15541 New Hampshire Avenue Silver Spring, Montgomery County, MD 20904	MDG916723 (PERMIT NUMBER) — 001 (DISCHARGE NUMBER) MONITORING PERIOD FROM YEAR 11 MO 7 DAY 1 TO YEAR 11 MO 9 DAY 30	Form Approved. OMB No. 2040-0004 □ Check here for **no discharge**. NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BENZENE, ETHYL BENZENE, TOLUENE, XYLENE COMBN 30383 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				<4.0	<4.0	<4.0	µg/l	0	2/30	GRAB
	PERMIT REQUIREMENT	XXXXXXXXXXXXX	XXXXXXXXXX		XXXXXXXXX	REPORT QUARTERLY AVG	100			2/30	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	XXXXXXXXXXXXX	XXXXXXXXXX								
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Doug Weimer, Environmental Engineer	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SES 18 U.S.C. §1001 AND 33 U.S.C §1319 (Penalities under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years)		(703) 272-7097			
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(AREA CODE) NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA80363-6	**Date Sampled:**	07/07/11
Matrix:	AQ - Effluent	**Date Received:**	07/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S147489.D	1	07/12/11	NT	n/a	n/a	VS6061
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		77-120%
17060-07-0	1,2-Dichloroethane-D4	98%		70-127%
2037-26-5	Toluene-D8	103%		79-120%
460-00-4	4-Bromofluorobenzene	104%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA80363-6	**Date Sampled:**	07/07/11
Matrix:	AQ - Effluent	**Date Received:**	07/08/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM49857.D	1	07/11/11	PT	n/a	n/a	GLM1995
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	95%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA80363-6	**Date Sampled:**	07/07/11
Matrix:	AQ - Effluent	**Date Received:**	07/08/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Y32502.D	1	07/19/11	VDT	07/11/11	OP50675	G3Y997
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	107%		34-131%
16416-32-3	Tetracosane-d50	96%		15-119%
438-22-2	5a-Androstane	103%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA81692-6	**Date Sampled:**	07/20/11
Matrix:	AQ - Effluent	**Date Received:**	07/22/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S148062.D	1	07/27/11	NT	n/a	n/a	VS6085
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		77-120%
17060-07-0	1,2-Dichloroethane-D4	100%		70-127%
2037-26-5	Toluene-D8	103%		79-120%
460-00-4	4-Bromofluorobenzene	105%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA81692-6	**Date Sampled:**	07/20/11
Matrix:	AQ - Effluent	**Date Received:**	07/22/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91078.D	1	08/01/11	RP	n/a	n/a	GUV3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	80%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA81692-6	**Date Sampled:**	07/20/11
Matrix:	AQ - Effluent	**Date Received:**	07/22/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33397.D	1	08/04/11	VDT	07/26/11	OP50925	G3Z1028
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		34-131%
16416-32-3	Tetracosane-d50	80%		15-119%
438-22-2	5a-Androstane	88%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA82830-6	**Date Sampled:**	08/04/11
Matrix:	AQ - Effluent	**Date Received:**	08/05/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B08643.D	1	08/10/11	TDN	n/a	n/a	V4B378
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		77-120%
17060-07-0	1,2-Dichloroethane-D4	100%		70-127%
2037-26-5	Toluene-D8	102%		79-120%
460-00-4	4-Bromofluorobenzene	99%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA82830-6	**Date Sampled:**	08/04/11
Matrix:	AQ - Effluent	**Date Received:**	08/05/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91425.D	1	08/17/11	RP	n/a	n/a	GUV3619
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	81%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA82830-6	**Date Sampled:**	08/04/11
Matrix:	AQ - Effluent	**Date Received:**	08/05/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33709.D	1	08/20/11	VDT	08/08/11	OP51172	G3Z1037
Run #2							

	Initial Volume	Final Volume
Run #1	850 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.12	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	95%		34-131%
16416-32-3	Tetracosane-d50	96%		15-119%
438-22-2	5a-Androstane	96%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA83875-6	**Date Sampled:**	08/16/11
Matrix:	AQ - Effluent	**Date Received:**	08/17/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86747.D	1	08/26/11	DR	n/a	n/a	V2B3892
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		77-120%
17060-07-0	1,2-Dichloroethane-D4	106%		70-127%
2037-26-5	Toluene-D8	96%		79-120%
460-00-4	4-Bromofluorobenzene	99%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA83875-6	**Date Sampled:**	08/16/11
Matrix:	AQ - Effluent	**Date Received:**	08/17/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50600.D	1	08/23/11	RP	n/a	n/a	GLM2028
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	92%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA83875-6	**Date Sampled:**	08/16/11
Matrix:	AQ - Effluent	**Date Received:**	08/17/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z34071.D	1	08/30/11	VDT	08/18/11	OP51362	G3Z1045
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	84%		34-131%
16416-32-3	Tetracosane-d50	82%		15-119%
438-22-2	5a-Androstane	88%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA86523-1	**Date Sampled:**	09/16/11
Matrix:	AQ - Effluent	**Date Received:**	09/17/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3D64845.D	1	09/27/11	NT	n/a	n/a	V3D2794
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		77-120%
17060-07-0	1,2-Dichloroethane-D4	108%		70-127%
2037-26-5	Toluene-D8	102%		79-120%
460-00-4	4-Bromofluorobenzene	98%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA86523-1	**Date Sampled:**	09/16/11
Matrix:	AQ - Effluent	**Date Received:**	09/17/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PF92525.D	1	09/27/11	RP	n/a	n/a	GPF2524
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	84%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA86523-1	**Date Sampled:**	09/16/11
Matrix:	AQ - Effluent	**Date Received:**	09/17/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ65652.D	1	09/26/11	HQ	09/20/11	OP51995	GZZ2230
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	94%		34-131%
16416-32-3	Tetracosane-d50	92%		15-119%
438-22-2	5a-Androstane	83%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA87544-6	**Date Sampled:**	09/28/11
Matrix:	AQ - Effluent	**Date Received:**	09/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I172339.D	1	09/30/11	DPP	n/a	n/a	VI6938
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%
17060-07-0	1,2-Dichloroethane-D4	94%		70-127%
2037-26-5	Toluene-D8	109%		79-120%
460-00-4	4-Bromofluorobenzene	92%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA87544-6	**Date Sampled:**	09/28/11
Matrix:	AQ - Effluent	**Date Received:**	09/29/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PF92684.D	1	10/04/11	RP	n/a	n/a	GPF2530
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	80%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA87544-6	**Date Sampled:**	09/28/11
Matrix:	AQ - Effluent	**Date Received:**	09/29/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Y39615.D	1	10/04/11	OPM	09/30/11	OP52207	G2Y1676
Run #2							

	Initial Volume	Final Volume
Run #1	880 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0040	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	63%		34-131%
16416-32-3	Tetracosane-d50	58%		15-119%
438-22-2	5a-Androstane	61%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

October 12, 2011

Mr. Albert Simkins
Maryland Department of the Environment
Waste Management Administration
Oil Control Program
1800 Washington Boulevard
Baltimore, MD 21230

RE: Motiva Enterprises, LLC – Third Quarter 2011 – Discharge Monitoring Reports
Former Shell Service Station #137675
15600 New Hampshire Avenue
Silver Spring, Maryland
National Pollutant Discharge Elimination System Permit #MDG912498

Dear Mr. Simkins:

Please find the attached Third Quarter 2011 discharge monitoring report (DMR) for the above referenced location. If you have any questions regarding this report or require additional information, please do not hesitate to contact me at 301.820.3241.

Sincerely,
URS Corporation

Adriane Rogers

Adriane Rogers
Project Manager

Attachment

cc: Mr. Edward Henke (Motiva Enterprises, LLC via Livelink)

URS Corporation
12420 Milestone Center Drive, Suite 150
Germantown, MD 20876
Phone: 301.820.3000

PERMITTEE NAME / ADDRESS (Include Facility Name/ Location if different)

Name Motiva Enterprises, LLC
Address 4094 Majestic Lane, PMB 224
Fairfax, VA 22033

Facility Location Faith Assembly of God, Inc.
15600 New Hampshire Avenue
Silver Spring, Montgomery County, MD 20904

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER	DISCHARGE NUMBER
MDG912498	001

	MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	11	7	1	TO	11	9	30

Form Approved.
OMB No. 2040-0004

☐ Check here for **no discharge**.

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
METHYL TERT BUTYL ETHER 22417 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				<1.0	<1.0	<1.0	µg/l	0	2/30	GRAB
	PERMIT REQUIREMENT	XXXXXXXXXXXXX	XXXXXXXXXX		XXXXXXXXX	REPORT QUARTERLY AVG	REPORT DAILY MAX.			2/30	GRAB
FLOW, IN CONDUIT OR THROUGH TREATMENT PLANT 50050 1 0 0	SAMPLE MEASUREMENT	3,975	8,070	gpd	XXXXXXXXX	XXXXXXXXX	XXXXXXXX	gpd	0	2/30	ESTIMATE
	PERMIT REQUIREMENT	REPORT QUARTERLY AVERAGE	REPORT DAILY MAXIMUM		XXXXXXXXX	XXXXXXXXX	XXXXXXXX			2/30	ESTIMATE
BENZENE 34030 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				<1.0	<1.0	<1.0	µg/l	0	2/30	GRAB
	PERMIT REQUIREMENT	XXXXXXXXXXXXX	XXXXXXXXXXX		XXXXXXXXX	REPORT QUARTERLY AVG	5			2/30	GRAB
TOLUENE 34010 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				<1.0	<1.0	<1.0	µg/l	0	2/30	GRAB
	PERMIT REQUIREMENT	XXXXXXXXXXXXX	XXXXXXXXXX		XXXXXXXXX	REPORT QUARTERLY AVG	REPORT DAILY MAX.			2/30	GRAB
ETHYL BENZENE 37371 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				<1.0	<1.0	<1.0	µg/l	0	2/30	GRAB
	PERMIT REQUIREMENT	XXXXXXXXXXXXX	XXXXXXXXXX		XXXXXXXXX	REPORT QUARTERLY AVG	REPORT DAILY MAX.			2/30	GRAB
XYLENE 81551 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				<1.0	<1.0	<1.0	µg/l	0	2/30	GRAB
	PERMIT REQUIREMENT	XXXXXXXXXXXXX	XXXXXXXXXX		XXXXXXXXX	REPORT QUARTERLY AVG	REPORT DAILY MAX.			2/30	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Doug Weimer, Environmental Engineer	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SES 18 U.S.C. §1001 AND 33 U.S.C §1319 (Penalities under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years)		(703) 272-7097			
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(AREA CODE) NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): **No Discharge during October or November 2010. The new system was started on Dec 7, 2010 and discharge to storm drain commenced.**

State Discharge Permit No.: 2010-OGR-32498

PERMITTEE NAME / ADDRESS (Include Facility Name/ Location if different)

Name Motiva Enterprises, LLC
Address 4094 Majestic Lane, PMB 224
Fairfax, VA 22033

Facility Location Faith Assembly of God, Inc.
15600 New Hampshire Avenue
Silver Spring, Montgomery County, MD 20904

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER	DISCHARGE NUMBER
MDG912498	001

	MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	11	7	1	TO	11	9	30

Form Approved.
OMB No. 2040-0004

☐ Check here for **no discharge**.

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BENZENE, ETHYL BENZENE, TOLUENE, XYLENE COMBN 30383 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				<4.0	<4.0	<4.0	µg/l	0	2/30	GRAB
	PERMIT REQUIREMENT	XXXXXXXXXXXXX	XXXXXXXXXX		XXXXXXXXX	REPORT QUARTERLY AVG	100			2/30	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	XXXXXXXXXXXXX	XXXXXXXXXX								
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Doug Weimer, Environmental Engineer	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SES 18 U.S.C. §1001 AND 33 U.S.C §1319 (Penalities under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years)		(703) 272-7097			
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(AREA CODE) NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): **No Discharge during October or November 2010. The new system was started on Dec 7, 2010 and discharge to storm drain commenced.**

State Discharge Permit No.: 2010-OGR-32498

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA80363-1	**Date Sampled:**	07/07/11
Matrix:	AQ - Effluent	**Date Received:**	07/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S147488.D	1	07/12/11	NT	n/a	n/a	VS6061
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%
17060-07-0	1,2-Dichloroethane-D4	97%		70-127%
2037-26-5	Toluene-D8	103%		79-120%
460-00-4	4-Bromofluorobenzene	104%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA80363-1	**Date Sampled:**	07/07/11
Matrix:	AQ - Effluent	**Date Received:**	07/08/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM49856.D	1	07/11/11	PT	n/a	n/a	GLM1995
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	95%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA80363-1	**Date Sampled:**	07/07/11
Matrix:	AQ - Effluent	**Date Received:**	07/08/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Y32486.D	1	07/19/11	VDT	07/11/11	OP50675	G3Y996
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	104%		34-131%
16416-32-3	Tetracosane-d50	96%		15-119%
438-22-2	5a-Androstane	100%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA81692-1	**Date Sampled:**	07/20/11
Matrix:	AQ - Effluent	**Date Received:**	07/22/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S148058.D	1	07/27/11	NT	n/a	n/a	VS6085
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		77-120%
17060-07-0	1,2-Dichloroethane-D4	99%		70-127%
2037-26-5	Toluene-D8	104%		79-120%
460-00-4	4-Bromofluorobenzene	107%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA81692-1	**Date Sampled:**	07/20/11
Matrix:	AQ - Effluent	**Date Received:**	07/22/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91077.D	1	08/01/11	RP	n/a	n/a	GUV3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	79%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA81692-1	**Date Sampled:**	07/20/11
Matrix:	AQ - Effluent	**Date Received:**	07/22/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33392.D	1	08/04/11	VDT	07/26/11	OP50925	G3Z1028
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0036	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	90%		34-131%
16416-32-3	Tetracosane-d50	84%		15-119%
438-22-2	5a-Androstane	89%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA82830-1	**Date Sampled:**	08/04/11
Matrix:	AQ - Effluent	**Date Received:**	08/05/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B08642.D	1	08/10/11	TDN	n/a	n/a	V4B378
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		77-120%
17060-07-0	1,2-Dichloroethane-D4	98%		70-127%
2037-26-5	Toluene-D8	100%		79-120%
460-00-4	4-Bromofluorobenzene	96%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA82830-1	**Date Sampled:**	08/04/11
Matrix:	AQ - Effluent	**Date Received:**	08/05/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91415.D	1	08/17/11	RP	n/a	n/a	GUV3619
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	79%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA82830-1	**Date Sampled:**	08/04/11
Matrix:	AQ - Effluent	**Date Received:**	08/05/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33704.D	1	08/19/11	VDT	08/08/11	OP51172	G3Z1037
Run #2							

	Initial Volume	Final Volume
Run #1	870 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0040	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	97%		34-131%
16416-32-3	Tetracosane-d50	92%		15-119%
438-22-2	5a-Androstane	95%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA83875-1	**Date Sampled:**	08/16/11
Matrix:	AQ - Effluent	**Date Received:**	08/17/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86746.D	1	08/26/11	DR	n/a	n/a	V2B3892
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%
17060-07-0	1,2-Dichloroethane-D4	106%		70-127%
2037-26-5	Toluene-D8	97%		79-120%
460-00-4	4-Bromofluorobenzene	97%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA83875-1	**Date Sampled:**	08/16/11
Matrix:	AQ - Effluent	**Date Received:**	08/17/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50599.D	1	08/23/11	RP	n/a	n/a	GLM2028
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	92%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA83875-1	**Date Sampled:**	08/16/11
Matrix:	AQ - Effluent	**Date Received:**	08/17/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64836.D	1	08/24/11	VDT	08/18/11	OP51362	GZZ2200
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	78%		34-131%
16416-32-3	Tetracosane-d50	81%		15-119%
438-22-2	5a-Androstane	72%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA86929-1	**Date Sampled:**	09/21/11
Matrix:	AQ - Effluent	**Date Received:**	09/22/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3A97959.D	1	10/03/11	HSS	n/a	n/a	V3A4204
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		77-120%
17060-07-0	1,2-Dichloroethane-D4	98%		70-127%
2037-26-5	Toluene-D8	99%		79-120%
460-00-4	4-Bromofluorobenzene	93%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA86929-1	**Date Sampled:**	09/21/11
Matrix:	AQ - Effluent	**Date Received:**	09/22/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV92337.D	1	10/03/11	XPL	n/a	n/a	GUV3656
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	81%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA86929-1	**Date Sampled:**	09/21/11
Matrix:	AQ - Effluent	**Date Received:**	09/22/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z35079.D	1	10/01/11	HQ	09/23/11	OP52085	G3Z1069
Run #2							

	Initial Volume	Final Volume
Run #1	920 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0038	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	99%		34-131%
16416-32-3	Tetracosane-d50	103%		15-119%
438-22-2	5a-Androstane	110%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA87544-1	**Date Sampled:**	09/28/11
Matrix:	AQ - Effluent	**Date Received:**	09/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I172336.D	1	09/30/11	DPP	n/a	n/a	VI6938
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%
17060-07-0	1,2-Dichloroethane-D4	95%		70-127%
2037-26-5	Toluene-D8	110%		79-120%
460-00-4	4-Bromofluorobenzene	93%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA87544-1	**Date Sampled:**	09/28/11
Matrix:	AQ - Effluent	**Date Received:**	09/29/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PF92683.D	1	10/04/11	RP	n/a	n/a	GPF2530
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	80%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA87544-1	**Date Sampled:**	09/28/11
Matrix:	AQ - Effluent	**Date Received:**	09/29/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG: SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Y39610.D	1	10/04/11	OPM	09/30/11	OP52207	G2Y1676
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0037	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	57%		34-131%
16416-32-3	Tetracosane-d50	50%		15-119%
438-22-2	5a-Androstane	55%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Appendix F

Onsite and Offsite System Laboratory Analytical Reports

New Jersey
ACCUTEST LABORATORIES

07/22/11

Technical Report for

Shell Oil Products US

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

INC#97436977

Accutest Job Number: JA80363

Sampling Date: 07/07/11

Report to:

URS Corporation
200 Orchard Ridge Drive Suite 101
Gaithersburg, MD 20878
jenna_anthony@urscorp.com; adriane_rogers@urscorp.com

ATTN: Jenna Anthony

Total number of pages in report: **58**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
VP, Laboratory Director

Client Service contact: Marty Vitanza 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

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Accutest Laboratories

Sample Summary

Shell Oil Products US

Job No: JA80363

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD
Project No: INC#97436977

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA80363-1	07/07/11	12:00	RS	07/08/11	AQ	Effluent	137675-OFFSITE-EFFLUENT
JA80363-2	07/07/11	12:04	RS	07/08/11	AQ	Ground Water	137675-OFFSITE-MID3
JA80363-3	07/07/11	12:09	RS	07/08/11	AQ	Ground Water	137675-OFFSITE-MID2
JA80363-4	07/07/11	12:13	RS	07/08/11	AQ	Ground Water	137675-OFFSITE-MID1
JA80363-5	07/07/11	12:17	RS	07/08/11	AQ	Influent	137675-OFFSITE-INFLUENT
JA80363-6	07/07/11	13:10	RS	07/08/11	AQ	Effluent	137675-ONSITE-EFFLUENT
JA80363-7	07/07/11	13:15	RS	07/08/11	AQ	Ground Water	137675-ONSITE-MID
JA80363-8	07/07/11	13:21	RS	07/08/11	AQ	Influent	137675-ONSITE-INFLUENT

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Shell Oil Products US	**Job No**	JA80363
Site:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Sprin	**Report Date**	7/22/2011 9:56:10 AM

On 07/08/2011, 8 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 4.2 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA80363 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VS6061

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA80363-5MS, JA80363-5MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for Methyl Tert Butyl Ether are outside control limits. Outside control limits due to high level in sample relative to spike amount.

Volatiles by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** GLM1995

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA80226-7MS, JA80226-7MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Matrix: AQ **Batch ID:** GLM1997

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA80363-3MS, JA80363-3MSD were used as the QC samples indicated.

Matrix: AQ **Batch ID:** GLM1998

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA80436-1MS, JA80436-1MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** OP50675

- All samples were extracted within the recommended method holding time.
- Sample(s) JA80363-1MS, JA80363-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

New Jersey

ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA80363-1	**Date Sampled:**	07/07/11
Matrix:	AQ - Effluent	**Date Received:**	07/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S147488.D	1	07/12/11	NT	n/a	n/a	VS6061
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%
17060-07-0	1,2-Dichloroethane-D4	97%		70-127%
2037-26-5	Toluene-D8	103%		79-120%
460-00-4	4-Bromofluorobenzene	104%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA80363-1	**Date Sampled:**	07/07/11
Matrix:	AQ - Effluent	**Date Received:**	07/08/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM49856.D	1	07/11/11	PT	n/a	n/a	GLM1995
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	95%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA80363-1	**Date Sampled:**	07/07/11
Matrix:	AQ - Effluent	**Date Received:**	07/08/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Y32486.D	1	07/19/11	VDT	07/11/11	OP50675	G3Y996
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	104%		34-131%
16416-32-3	Tetracosane-d50	96%		15-119%
438-22-2	5a-Androstane	100%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID3		
Lab Sample ID:	JA80363-2	**Date Sampled:**	07/07/11
Matrix:	AQ - Ground Water	**Date Received:**	07/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S147484.D	1	07/12/11	NT	n/a	n/a	VS6061
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%
17060-07-0	1,2-Dichloroethane-D4	96%		70-127%
2037-26-5	Toluene-D8	102%		79-120%
460-00-4	4-Bromofluorobenzene	104%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID3		
Lab Sample ID:	JA80363-2	**Date Sampled:**	07/07/11
Matrix:	AQ - Ground Water	**Date Received:**	07/08/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM49901.D	1	07/13/11	PT	n/a	n/a	GLM1997
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	92%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID3		
Lab Sample ID:	JA80363-2	**Date Sampled:**	07/07/11
Matrix:	AQ - Ground Water	**Date Received:**	07/08/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Y32487.D	1	07/19/11	VDT	07/11/11	OP50675	G3Y996
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	107%		34-131%
16416-32-3	Tetracosane-d50	100%		15-119%
438-22-2	5a-Androstane	102%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID2		
Lab Sample ID:	JA80363-3	**Date Sampled:**	07/07/11
Matrix:	AQ - Ground Water	**Date Received:**	07/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S147485.D	1	07/12/11	NT	n/a	n/a	VS6061
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	90.1	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%
17060-07-0	1,2-Dichloroethane-D4	96%		70-127%
2037-26-5	Toluene-D8	102%		79-120%
460-00-4	4-Bromofluorobenzene	105%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID2		
Lab Sample ID:	JA80363-3	**Date Sampled:**	07/07/11
Matrix:	AQ - Ground Water	**Date Received:**	07/08/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM49902.D	1	07/13/11	PT	n/a	n/a	GLM1997
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	92%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID2		
Lab Sample ID:	JA80363-3	**Date Sampled:**	07/07/11
Matrix:	AQ - Ground Water	**Date Received:**	07/08/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Y32488.D	1	07/19/11	VDT	07/11/11	OP50675	G3Y996
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	103%		34-131%
16416-32-3	Tetracosane-d50	93%		15-119%
438-22-2	5a-Androstane	97%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID1		
Lab Sample ID:	JA80363-4	**Date Sampled:**	07/07/11
Matrix:	AQ - Ground Water	**Date Received:**	07/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S147486.D	1	07/12/11	NT	n/a	n/a	VS6061
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	49.8	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		77-120%
17060-07-0	1,2-Dichloroethane-D4	97%		70-127%
2037-26-5	Toluene-D8	102%		79-120%
460-00-4	4-Bromofluorobenzene	101%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID1		
Lab Sample ID:	JA80363-4	**Date Sampled:**	07/07/11
Matrix:	AQ - Ground Water	**Date Received:**	07/08/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM49903.D	1	07/13/11	PT	n/a	n/a	GLM1997
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	93%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID1		
Lab Sample ID:	JA80363-4	**Date Sampled:**	07/07/11
Matrix:	AQ - Ground Water	**Date Received:**	07/08/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Y32489.D	1	07/19/11	VDT	07/11/11	OP50675	G3Y996
Run #2							

	Initial Volume	Final Volume
Run #1	910 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0038	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	109%		34-131%
16416-32-3	Tetracosane-d50	99%		15-119%
438-22-2	5a-Androstane	99%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-INFLUENT		
Lab Sample ID:	JA80363-5	**Date Sampled:**	07/07/11
Matrix:	AQ - Influent	**Date Received:**	07/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S147481.D	10	07/11/11	NT	n/a	n/a	VS6061
Run #2	S147482.D	100	07/11/11	NT	n/a	n/a	VS6061

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	6.9	10	2.2	ug/l	J
108-88-3	Toluene	ND	10	1.5	ug/l	
100-41-4	Ethylbenzene	ND	10	2.1	ug/l	
1330-20-7	Xylene (total)	ND	10	1.7	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2720 [a]	100	18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	102%	77-120%
17060-07-0	1,2-Dichloroethane-D4	95%	97%	70-127%
2037-26-5	Toluene-D8	102%	103%	79-120%
460-00-4	4-Bromofluorobenzene	102%	104%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-INFLUENT		
Lab Sample ID:	JA80363-5	**Date Sampled:**	07/07/11
Matrix:	AQ - Influent	**Date Received:**	07/08/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM49906.D	1	07/13/11	PT	n/a	n/a	GLM1997
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.75	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-INFLUENT		
Lab Sample ID:	JA80363-5	**Date Sampled:**	07/07/11
Matrix:	AQ - Influent	**Date Received:**	07/08/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Y32501.D	1	07/19/11	VDT	07/11/11	OP50675	G3Y997
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	101%		34-131%
16416-32-3	Tetracosane-d50	92%		15-119%
438-22-2	5a-Androstane	94%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA80363-6	**Date Sampled:**	07/07/11
Matrix:	AQ - Effluent	**Date Received:**	07/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S147489.D	1	07/12/11	NT	n/a	n/a	VS6061
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		77-120%
17060-07-0	1,2-Dichloroethane-D4	98%		70-127%
2037-26-5	Toluene-D8	103%		79-120%
460-00-4	4-Bromofluorobenzene	104%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA80363-6	**Date Sampled:**	07/07/11
Matrix:	AQ - Effluent	**Date Received:**	07/08/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM49857.D	1	07/11/11	PT	n/a	n/a	GLM1995
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	95%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA80363-6	**Date Sampled:**	07/07/11
Matrix:	AQ - Effluent	**Date Received:**	07/08/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Y32502.D	1	07/19/11	VDT	07/11/11	OP50675	G3Y997
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	107%		34-131%
16416-32-3	Tetracosane-d50	96%		15-119%
438-22-2	5a-Androstane	103%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-MID		
Lab Sample ID:	JA80363-7	**Date Sampled:**	07/07/11
Matrix:	AQ - Ground Water	**Date Received:**	07/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S147487.D	1	07/12/11	NT	n/a	n/a	VS6061
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		77-120%
17060-07-0	1,2-Dichloroethane-D4	95%		70-127%
2037-26-5	Toluene-D8	103%		79-120%
460-00-4	4-Bromofluorobenzene	105%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-MID		
Lab Sample ID:	JA80363-7	**Date Sampled:**	07/07/11
Matrix:	AQ - Ground Water	**Date Received:**	07/08/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM49911.D	1	07/13/11	PT	n/a	n/a	GLM1997
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	92%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-MID		
Lab Sample ID:	JA80363-7	**Date Sampled:**	07/07/11
Matrix:	AQ - Ground Water	**Date Received:**	07/08/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Y32503.D	1	07/19/11	VDT	07/11/11	OP50675	G3Y997
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0037	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	107%		34-131%
16416-32-3	Tetracosane-d50	96%		15-119%
438-22-2	5a-Androstane	103%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-INFLUENT		
Lab Sample ID:	JA80363-8	**Date Sampled:**	07/07/11
Matrix:	AQ - Influent	**Date Received:**	07/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S147483.D	1	07/12/11	NT	n/a	n/a	VS6061
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	35.6	1.0	0.22	ug/l	
108-88-3	Toluene	0.93	1.0	0.15	ug/l	J
100-41-4	Ethylbenzene	4.0	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	16.4	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	35.1	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		77-120%
17060-07-0	1,2-Dichloroethane-D4	94%		70-127%
2037-26-5	Toluene-D8	102%		79-120%
460-00-4	4-Bromofluorobenzene	102%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-INFLUENT		
Lab Sample ID:	JA80363-8	**Date Sampled:**	07/07/11
Matrix:	AQ - Influent	**Date Received:**	07/08/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM49938.D	1	07/14/11	PT	n/a	n/a	GLM1998
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.232	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-INFLUENT		
Lab Sample ID:	JA80363-8	**Date Sampled:**	07/07/11
Matrix:	AQ - Influent	**Date Received:**	07/08/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Y32504.D	1	07/19/11	VDT	07/11/11	OP50675	G3Y997
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.310	0.11	0.0037	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	111%		34-131%
16416-32-3	Tetracosane-d50	98%		15-119%
438-22-2	5a-Androstane	100%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New Jersey

4

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

LAB (LOCATION) (W)

☐ XENCO ( )
☐ Test America ( )
☑ OTHER (Accutest)
☑ Lab Vendor # ( )
☐ SPL

Lab Vendor # 1392517

Shell Oil Products Chain Of Custody Record JA 80363

URS

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Adriane Rogers
PO #
INCIDENT # (ENV SERVICES): 97436977 (137675
SAP # 137675
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 7-7-11
PAGE: 1 of 1

SAMPLING COMPANY: URS CORPORATION
LOG CODE:
ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878
PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown
TELEPHONE: 301-258-9780
FAX: 301-869-8728
Bill To Contact E-MAIL: adriane_rogers@urscorp.com

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring
State: MD
GLOBAL ID NO.:
EDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers
PHONE NO.: 301-258-9780
E-MAIL: adriane_rogers@urscorp.com
CONSULTANT PROJECT NO.: 137675
SAMPLER NAME(S) (Print): Roderick Sample
LAB USE ONLY: JA80363

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1 3.0°C Cooler #2 4.2°C Cooler #3

SPECIAL INSTRUCTIONS OR NOTES:
☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☐ RECEIPT VERIFICATION REQUESTED
☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	BTEX, MTBE (8260B)	FIELD NOTES: Container PID Readings or Laboratory Notes
1	137675 - Offsite - Effluent	7-7-11	12:00	GW	x					7	X	X	X	UTC31
2	137675 - Offsite - Mid3		12:04	GW	x					7	X	X	X	2148
3	137675 - Offsite - Mid2		12:09	GW	x					7	X	X	X	
4	137675 - Offsite - Mid1		12:13	GW	x					7	X	X	X	
5	137675 - Offsite - Influent		12:17	GW	x					7	X	X	X	
6	137675 - Onsite - Effluent		13:10	GW	x					7	X	X	X	
7	137675 - Onsite - Mid		13:15	GW	x					7	X	X	X	
8	137675 - Onsite - Influent		13:21	GW	x					7	X	X	X	

ALL SAMPLES RECEIVED PRESERVED AS APPLICABLE
TMJ 7/8/11

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Fedex	Fedex		
Relinquished by: (Signature) Fedex	Received by: (Signature)	Date: 7/8/11	Time: 0900
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2/08 Revision

Seal #'s 532 & 534 rec'd intact TMJ 7/8/11
MK-6/27/11-6

Tank #'s 87408086 0844
87408086 0833

A

JA80363: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number JA80363 **Client:**

Date / Time Received: 7/8/2011 **Project:**

No. Coolers: 2 **Airbill #'s:** **Delivery Method:**

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:		
3. Cooler media:	Ice (Bag)	

Quality Control Preservatio	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA80363: Chain of Custody
Page 2 of 2

New Jersey
ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VS6061-MB1	S147476.D	1	07/11/11	NT	n/a	n/a	VS6061

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA80363-1, JA80363-2, JA80363-3, JA80363-4, JA80363-5, JA80363-6, JA80363-7, JA80363-8

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	77-120%
17060-07-0	1,2-Dichloroethane-D4	95%	70-127%
2037-26-5	Toluene-D8	103%	79-120%
460-00-4	4-Bromofluorobenzene	104%	76-118%

Blank Spike Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VS6061-BS	S147477.D	1	07/11/11	NT	n/a	n/a	VS6061

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA80363-1, JA80363-2, JA80363-3, JA80363-4, JA80363-5, JA80363-6, JA80363-7, JA80363-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	46.5	93	76-119
100-41-4	Ethylbenzene	50	55.6	111	77-119
1634-04-4	Methyl Tert Butyl Ether	100	84.3	84	72-125
108-88-3	Toluene	50	49.0	98	77-122
1330-20-7	Xylene (total)	150	161	107	78-121

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	77-120%
17060-07-0	1,2-Dichloroethane-D4	100%	70-127%
2037-26-5	Toluene-D8	101%	79-120%
460-00-4	4-Bromofluorobenzene	107%	76-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA80363-5MS	S147478.D	10	07/11/11	NT	n/a	n/a	VS6061
JA80363-5MSD	S147479.D	10	07/11/11	NT	n/a	n/a	VS6061
JA80363-5	S147481.D	10	07/11/11	NT	n/a	n/a	VS6061
JA80363-5	S147482.D	100	07/11/11	NT	n/a	n/a	VS6061

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA80363-1, JA80363-2, JA80363-3, JA80363-4, JA80363-5, JA80363-6, JA80363-7, JA80363-8

CAS No.	Compound	JA80363-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	6.9	J	500	502	99	497	98	1	40-139/12
100-41-4	Ethylbenzene	ND		500	544	109	533	107	2	40-140/12
1634-04-4	Methyl Tert Butyl Ether	2720 [b]		500	2980	52* [a]	3030	62	2	54-136/12
108-88-3	Toluene	ND		500	530	106	522	104	2	47-140/12
1330-20-7	Xylene (total)	ND		1500	1560	104	1530	102	2	42-140/12

CAS No.	Surrogate Recoveries	MS	MSD	JA80363-5	JA80363-5	Limits
1868-53-7	Dibromofluoromethane	103%	104%	102%	102%	77-120%
17060-07-0	1,2-Dichloroethane-D4	99%	102%	95%	97%	70-127%
2037-26-5	Toluene-D8	102%	102%	102%	103%	79-120%
460-00-4	4-Bromofluorobenzene	101%	98%	102%	104%	76-118%

(a) Outside control limits due to high level in sample relative to spike amount.
(b) Result is from Run #2.

Instrument Performance Check (BFB)

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: VS6055-BFB
Lab File ID: S147313.D
Instrument ID: GCMSS
Injection Date: 07/08/11
Injection Time: 00:53

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	5687	18.5		Pass
75	30.0 - 60.0% of mass 95	14378	46.7		Pass
95	Base peak, 100% relative abundance	30821	100.0		Pass
96	5.0 - 9.0% of mass 95	2111	6.85		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	26125	84.8		Pass
175	5.0 - 9.0% of mass 174	2188	7.10	(8.38) [a]	Pass
176	95.0 - 101.0% of mass 174	25533	82.8	(97.7) [a]	Pass
177	5.0 - 9.0% of mass 176	1735	5.63	(6.80) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VS6055-IC6055	S147314.D	07/08/11	01:14	00:21	Initial cal 0.5
VS6055-IC6055	S147315.D	07/08/11	01:36	00:43	Initial cal 1
VS6055-IC6055	S147316.D	07/08/11	01:57	01:04	Initial cal 2
VS6055-IC6055	S147317.D	07/08/11	02:19	01:26	Initial cal 5
VS6055-IC6055	S147318.D	07/08/11	02:40	01:47	Initial cal 20
VS6055-ICC6055	S147319.D	07/08/11	03:01	02:08	Initial cal 50
VS6055-ICV6055	S147320.D	07/08/11	03:23	02:30	Initial cal verification 50
VS6055-IC6055	S147321.D	07/08/11	03:44	02:51	Initial cal 100
VS6055-IC6055	S147322.D	07/08/11	04:05	03:12	Initial cal 200

Instrument Performance Check (BFB)

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: VS6061-BFB
Lab File ID: S147473.D
Instrument ID: GCMSS
Injection Date: 07/11/11
Injection Time: 20:43

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	6357	18.1		Pass
75	30.0 - 60.0% of mass 95	17180	48.8		Pass
95	Base peak, 100% relative abundance	35203	100.0		Pass
96	5.0 - 9.0% of mass 95	2413	6.85		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	29533	83.9		Pass
175	5.0 - 9.0% of mass 174	2429	6.90	(8.22) [a]	Pass
176	95.0 - 101.0% of mass 174	28813	81.8	(97.6) [a]	Pass
177	5.0 - 9.0% of mass 176	1942	5.52	(6.74) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VS6061-CC6055	S147474.D	07/11/11	21:04	00:21	Continuing cal 50
VS6061-MB1	S147476.D	07/11/11	21:47	01:04	Method Blank
VS6061-BS	S147477.D	07/11/11	22:08	01:25	Blank Spike
JA80363-5MS	S147478.D	07/11/11	22:30	01:47	Matrix Spike
JA80363-5MSD	S147479.D	07/11/11	22:51	02:08	Matrix Spike Duplicate
JA80363-5	S147481.D	07/11/11	23:34	02:51	137675-OFFSITE-INFLUENT
JA80363-5	S147482.D	07/11/11	23:55	03:12	137675-OFFSITE-INFLUENT
JA80363-8	S147483.D	07/12/11	00:17	03:34	137675-ONSITE-INFLUENT
JA80363-2	S147484.D	07/12/11	00:38	03:55	137675-OFFSITE-MID3
JA80363-3	S147485.D	07/12/11	00:59	04:16	137675-OFFSITE-MID2
JA80363-4	S147486.D	07/12/11	01:21	04:38	137675-OFFSITE-MID1
JA80363-7	S147487.D	07/12/11	01:42	04:59	137675-ONSITE-MID
JA80363-1	S147488.D	07/12/11	02:03	05:20	137675-OFFSITE-EFFLUENT
JA80363-6	S147489.D	07/12/11	02:25	05:42	137675-ONSITE-EFFLUENT
ZZZZZZ	S147490.D	07/12/11	02:46	06:03	(unrelated sample)
ZZZZZZ	S147491.D	07/12/11	03:07	06:24	(unrelated sample)
ZZZZZZ	S147492.D	07/12/11	03:29	06:46	(unrelated sample)
ZZZZZZ	S147493.D	07/12/11	03:50	07:07	(unrelated sample)
ZZZZZZ	S147494.D	07/12/11	04:11	07:28	(unrelated sample)
ZZZZZZ	S147495.D	07/12/11	04:33	07:50	(unrelated sample)
ZZZZZZ	S147496.D	07/12/11	04:54	08:11	(unrelated sample)
ZZZZZZ	S147497.D	07/12/11	05:16	08:33	(unrelated sample)
ZZZZZZ	S147498.D	07/12/11	05:37	08:54	(unrelated sample)

Volatile Surrogate Recovery Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JA80363-1	S147488.D	102.0	97.0	103.0	104.0
JA80363-2	S147484.D	102.0	96.0	102.0	104.0
JA80363-3	S147485.D	102.0	96.0	102.0	105.0
JA80363-4	S147486.D	104.0	97.0	102.0	101.0
JA80363-5	S147482.D	102.0	97.0	103.0	104.0
JA80363-5	S147481.D	102.0	95.0	102.0	102.0
JA80363-6	S147489.D	104.0	98.0	103.0	104.0
JA80363-7	S147487.D	103.0	95.0	103.0	105.0
JA80363-8	S147483.D	100.0	94.0	102.0	102.0
JA80363-5MS	S147478.D	103.0	99.0	102.0	101.0
JA80363-5MSD	S147479.D	104.0	102.0	102.0	98.0
VS6061-BS	S147477.D	99.0	100.0	101.0	107.0
VS6061-MB1	S147476.D	101.0	95.0	103.0	104.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	77-120%
S2 = 1,2-Dichloroethane-D4	70-127%
S3 = Toluene-D8	79-120%
S4 = 4-Bromofluorobenzene	76-118%

New Jersey

ACCUTEST LABORATORIES

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM1995-MB2	LM49855.D	1	07/11/11	PT	n/a	n/a	GLM1995

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA80363-1, JA80363-6

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	96%	68-114%

Method Blank Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM1997-MB1	LM49899.D	1	07/13/11	PT	n/a	n/a	GLM1997

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA80363-2, JA80363-3, JA80363-4, JA80363-5

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	94%	68-114%

Method Blank Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM1997-MB2	LM49910.D	1	07/13/11	PT	n/a	n/a	GLM1997

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA80363-7

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	95%	68-114%

Method Blank Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM1998-MB1	LM49932.D	1	07/14/11	PT	n/a	n/a	GLM1998

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA80363-8

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	94%	68-114%

Method Blank Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM1995-MB1	LM49845.D	1	07/11/11	PT	n/a	n/a	GLM1995

The QC reported here applies to the following samples: **Method:** SW846 8015C

GLM1995-BS, JA80226-7MS, JA80226-7MSD

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	95%	68-114%

Blank Spike Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM1995-BS	LM49846.D	1	07/11/11	PT	n/a	n/a	GLM1995

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA80363-1, JA80363-6

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	8.02	100	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	100%	68-114%

Blank Spike Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM1997-BS	LM49900.D	1	07/13/11	PT	n/a	n/a	GLM1997

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA80363-2, JA80363-3, JA80363-4, JA80363-5, JA80363-7

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	7.91	99	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	100%	68-114%

Blank Spike Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM1998-BS	LM49933.D	1	07/14/11	PT	n/a	n/a	GLM1998

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA80363-8

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	7.87	98	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	102%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA80226-7MS	LM49852.D	1	07/11/11	PT	n/a	n/a	GLM1995
JA80226-7MSD	LM49853.D	1	07/11/11	PT	n/a	n/a	GLM1995
JA80226-7	LM49847.D	1	07/11/11	PT	n/a	n/a	GLM1995

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA80363-1, JA80363-6

CAS No.	Compound	JA80226-7 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		8	8.28	104	7.95	99	4	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA80226-7	Limits
98-08-8	aaa-Trifluorotoluene	101%	103%	93%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA80363-3MS	LM49907.D	1	07/13/11	PT	n/a	n/a	GLM1997
JA80363-3MSD	LM49908.D	1	07/13/11	PT	n/a	n/a	GLM1997
JA80363-3	LM49902.D	1	07/13/11	PT	n/a	n/a	GLM1997

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA80363-2, JA80363-3, JA80363-4, JA80363-5, JA80363-7

CAS No.	Compound	JA80363-3 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		8	7.92	99	7.44	93	6	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA80363-3	Limits
98-08-8	aaa-Trifluorotoluene	100%	99%	92%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA80436-1MS	LM49940.D	1	07/14/11	PT	n/a	n/a	GLM1998
JA80436-1MSD	LM49941.D	1	07/14/11	PT	n/a	n/a	GLM1998
JA80436-1	LM49935.D	1	07/14/11	PT	n/a	n/a	GLM1998

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA80363-8

CAS No.	Compound	JA80436-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		8	8.27	103	7.76	97	6	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA80436-1	Limits
98-08-8	aaa-Trifluorotoluene	101%	101%	93%	68-114%

6.3.3

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Volatile Surrogate Recovery Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
JA80363-1	LM49856.D	95.0
JA80363-2	LM49901.D	92.0
JA80363-3	LM49902.D	92.0
JA80363-4	LM49903.D	93.0
JA80363-5	LM49906.D	94.0
JA80363-6	LM49857.D	95.0
JA80363-7	LM49911.D	92.0
JA80363-8	LM49938.D	94.0
GLM1995-BS	LM49846.D	100.0
GLM1995-MB2	LM49855.D	96.0
GLM1997-BS	LM49900.D	100.0
GLM1997-MB1	LM49899.D	94.0
GLM1997-MB2	LM49910.D	95.0
GLM1998-BS	LM49933.D	102.0
GLM1998-MB1	LM49932.D	94.0
JA80226-7MS	LM49852.D	101.0
JA80226-7MSD	LM49853.D	103.0
JA80363-3MS	LM49907.D	100.0
JA80363-3MSD	LM49908.D	99.0
JA80436-1MS	LM49940.D	101.0
JA80436-1MSD	LM49941.D	101.0
GLM1995-MB1	LM49845.D	95.0

Surrogate Compounds	Recovery Limits
S1 = aaa-Trifluorotoluene	68-114%

(a) Recovery from GC signal #1

New Jersey
ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP50675-MB1	3Y32482.D	1	07/18/11	VDT	07/11/11	OP50675	G3Y996

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA80363-1, JA80363-2, JA80363-3, JA80363-4, JA80363-5, JA80363-6, JA80363-7, JA80363-8

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	100%	34-131%
16416-32-3	Tetracosane-d50	79%	15-119%
438-22-2	5a-Androstane	81%	11-119%

Blank Spike Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP50675-BS1	3Y32483.D	1	07/18/11	VDT	07/11/11	OP50675	G3Y996

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA80363-1, JA80363-2, JA80363-3, JA80363-4, JA80363-5, JA80363-6, JA80363-7, JA80363-8

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-DRO (C10-C28)	1	0.679	68	36-118

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	89%	34-131%
16416-32-3	Tetracosane-d50	87%	15-119%
438-22-2	5a-Androstane	86%	11-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP50675-MS	3Y32484.D	1	07/19/11	VDT	07/11/11	OP50675	G3Y996
OP50675-MSD	3Y32485.D	1	07/19/11	VDT	07/11/11	OP50675	G3Y996
JA80363-1	3Y32486.D	1	07/19/11	VDT	07/11/11	OP50675	G3Y996

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA80363-1, JA80363-2, JA80363-3, JA80363-4, JA80363-5, JA80363-6, JA80363-7, JA80363-8

CAS No.	Compound	JA80363-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	ND		1	1.12	112	1.08	108	4	10-132/38

CAS No.	Surrogate Recoveries	MS	MSD	JA80363-1	Limits
84-15-1	o-Terphenyl	106%	101%	104%	34-131%
16416-32-3	Tetracosane-d50	103%	98%	96%	15-119%
438-22-2	5a-Androstane	106%	101%	100%	11-119%

Semivolatile Surrogate Recovery Summary

Job Number: JA80363
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S2 [a]	S3 [a]
JA80363-1	3Y32486.D	104.0	96.0	100.0
JA80363-2	3Y32487.D	107.0	100.0	102.0
JA80363-3	3Y32488.D	103.0	93.0	97.0
JA80363-4	3Y32489.D	109.0	99.0	99.0
JA80363-5	3Y32501.D	101.0	92.0	94.0
JA80363-6	3Y32502.D	107.0	96.0	103.0
JA80363-7	3Y32503.D	107.0	96.0	103.0
JA80363-8	3Y32504.D	111.0	98.0	100.0
OP50675-BS1	3Y32483.D	89.0	87.0	86.0
OP50675-MB1	3Y32482.D	100.0	79.0	81.0
OP50675-MS	3Y32484.D	106.0	103.0	106.0
OP50675-MSD	3Y32485.D	101.0	98.0	101.0

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	34-131%
S2 = Tetracosane-d50	15-119%
S3 = 5a-Androstane	11-119%

(a) Recovery from GC signal #1

New Jersey
ACCUTEST LABORATORIES

08/16/11

Technical Report for

Shell Oil Products US

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

INC#97436977

Accutest Job Number: JA81692

Sampling Date: 07/20/11

Report to:

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ATTN: Jenna Anthony

Total number of pages in report: **56**

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Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
VP, Laboratory Director

Client Service contact: Marty Vitanza 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

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Accutest Laboratories

Sample Summary

Shell Oil Products US

Job No: JA81692

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD
Project No: INC#97436977

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA81692-1	07/20/11	10:20	RS	07/22/11	AQ	Effluent	137675-OFFSITE-EFFLUENT
JA81692-2	07/20/11	10:25	RS	07/22/11	AQ	Ground Water	137675-OFFSITE-MID3
JA81692-3	07/20/11	10:30	RS	07/22/11	AQ	Ground Water	137675-OFFSITE-MID2
JA81692-4	07/20/11	10:35	RS	07/22/11	AQ	Ground Water	137675-OFFSITE-MID1
JA81692-5	07/20/11	10:40	RS	07/22/11	AQ	Influent	137675-OFFSITE-INFLUENT
JA81692-6	07/20/11	12:52	RS	07/22/11	AQ	Effluent	137675-ONSITE-EFFLUENT
JA81692-7	07/20/11	12:56	RS	07/22/11	AQ	Ground Water	137675-ONSITE-MID
JA81692-8	07/20/11	13:00	RS	07/22/11	AQ	Influent	137675-ONSITE-INFLUENT
JA81692-9	07/20/11	12:20	RS	07/22/11	AQ	Ground Water	137675-MW-26D
JA81692-10	07/20/11	12:15	RS	07/22/11	AQ	Ground Water	137675-MW-26S

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Shell Oil Products US	**Job No**	JA81692
Site:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Sprin	**Report Date**	8/16/2011 8:18:01 AM

On 07/22/2011, 10 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 4.4 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA81692 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VS6085

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA81692-5MS, JA81692-5MSD were used as the QC samples indicated.

Volatiles by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** GUV3606

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA81692-2MS, JA81692-2MSD were used as the QC samples indicated.

Matrix: AQ **Batch ID:** GUV3607

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA81692-3MS, JA81692-3MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** OP50925

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA81585-2MS, JA81585-2MSD were used as the QC samples indicated.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

New Jersey

ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA81692-1	**Date Sampled:**	07/20/11
Matrix:	AQ - Effluent	**Date Received:**	07/22/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S148058.D	1	07/27/11	NT	n/a	n/a	VS6085
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		77-120%
17060-07-0	1,2-Dichloroethane-D4	99%		70-127%
2037-26-5	Toluene-D8	104%		79-120%
460-00-4	4-Bromofluorobenzene	107%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA81692-1	**Date Sampled:**	07/20/11
Matrix:	AQ - Effluent	**Date Received:**	07/22/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91077.D	1	08/01/11	RP	n/a	n/a	GUV3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	79%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA81692-1	**Date Sampled:**	07/20/11
Matrix:	AQ - Effluent	**Date Received:**	07/22/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33392.D	1	08/04/11	VDT	07/26/11	OP50925	G3Z1028
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0036	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	90%		34-131%
16416-32-3	Tetracosane-d50	84%		15-119%
438-22-2	5a-Androstane	89%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID3		
Lab Sample ID:	JA81692-2	**Date Sampled:**	07/20/11
Matrix:	AQ - Ground Water	**Date Received:**	07/22/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S148059.D	1	07/27/11	NT	n/a	n/a	VS6085
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		77-120%
17060-07-0	1,2-Dichloroethane-D4	99%		70-127%
2037-26-5	Toluene-D8	103%		79-120%
460-00-4	4-Bromofluorobenzene	106%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID3		
Lab Sample ID:	JA81692-2	**Date Sampled:**	07/20/11
Matrix:	AQ - Ground Water	**Date Received:**	07/22/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91039.D	1	07/29/11	RP	n/a	n/a	GUV3606
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	83%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID3		
Lab Sample ID:	JA81692-2	**Date Sampled:**	07/20/11
Matrix:	AQ - Ground Water	**Date Received:**	07/22/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33393.D	1	08/04/11	VDT	07/26/11	OP50925	G3Z1028
Run #2							

	Initial Volume	Final Volume
Run #1	920 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0038	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	90%		34-131%
16416-32-3	Tetracosane-d50	83%		15-119%
438-22-2	5a-Androstane	88%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID2		
Lab Sample ID:	JA81692-3	**Date Sampled:**	07/20/11
Matrix:	AQ - Ground Water	**Date Received:**	07/22/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S148060.D	1	07/27/11	NT	n/a	n/a	VS6085
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	96.6	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		77-120%
17060-07-0	1,2-Dichloroethane-D4	101%		70-127%
2037-26-5	Toluene-D8	105%		79-120%
460-00-4	4-Bromofluorobenzene	104%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID2		
Lab Sample ID:	JA81692-3	**Date Sampled:**	07/20/11
Matrix:	AQ - Ground Water	**Date Received:**	07/22/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91067.D	1	08/01/11	RP	n/a	n/a	GUV3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	79%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID2		
Lab Sample ID:	JA81692-3	**Date Sampled:**	07/20/11
Matrix:	AQ - Ground Water	**Date Received:**	07/22/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33394.D	1	08/04/11	VDT	07/26/11	OP50925	G3Z1028
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		34-131%
16416-32-3	Tetracosane-d50	83%		15-119%
438-22-2	5a-Androstane	88%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID1		
Lab Sample ID:	JA81692-4	**Date Sampled:**	07/20/11
Matrix:	AQ - Ground Water	**Date Received:**	07/22/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S148061.D	1	07/27/11	NT	n/a	n/a	VS6085
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	52.9	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		77-120%
17060-07-0	1,2-Dichloroethane-D4	100%		70-127%
2037-26-5	Toluene-D8	104%		79-120%
460-00-4	4-Bromofluorobenzene	105%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID1		
Lab Sample ID:	JA81692-4	**Date Sampled:**	07/20/11
Matrix:	AQ - Ground Water	**Date Received:**	07/22/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91070.D	1	08/01/11	RP	n/a	n/a	GUV3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	83%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID1		
Lab Sample ID:	JA81692-4	**Date Sampled:**	07/20/11
Matrix:	AQ - Ground Water	**Date Received:**	07/22/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33395.D	1	08/04/11	VDT	07/26/11	OP50925	G3Z1028
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		34-131%
16416-32-3	Tetracosane-d50	82%		15-119%
438-22-2	5a-Androstane	85%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-INFLUENT		
Lab Sample ID:	JA81692-5	**Date Sampled:**	07/20/11
Matrix:	AQ - Influent	**Date Received:**	07/22/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S148049.D	5	07/27/11	NT	n/a	n/a	VS6085
Run #2	S148050.D	50	07/27/11	NT	n/a	n/a	VS6085

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	2.4	5.0	1.1	ug/l	J
108-88-3	Toluene	ND	5.0	0.73	ug/l	
100-41-4	Ethylbenzene	ND	5.0	1.1	ug/l	
1330-20-7	Xylene (total)	ND	5.0	0.87	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2380 [a]	50	9.2	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%	110%	77-120%
17060-07-0	1,2-Dichloroethane-D4	103%	102%	70-127%
2037-26-5	Toluene-D8	104%	104%	79-120%
460-00-4	4-Bromofluorobenzene	106%	104%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-INFLUENT		
Lab Sample ID:	JA81692-5	**Date Sampled:**	07/20/11
Matrix:	AQ - Influent	**Date Received:**	07/22/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91071.D	1	08/01/11	RP	n/a	n/a	GUV3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	2.66	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	83%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-INFLUENT		
Lab Sample ID:	JA81692-5	**Date Sampled:**	07/20/11
Matrix:	AQ - Influent	**Date Received:**	07/22/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33396.D	1	08/04/11	VDT	07/26/11	OP50925	G3Z1028
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	91%		34-131%
16416-32-3	Tetracosane-d50	87%		15-119%
438-22-2	5a-Androstane	91%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA81692-6	**Date Sampled:**	07/20/11
Matrix:	AQ - Effluent	**Date Received:**	07/22/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S148062.D	1	07/27/11	NT	n/a	n/a	VS6085
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		77-120%
17060-07-0	1,2-Dichloroethane-D4	100%		70-127%
2037-26-5	Toluene-D8	103%		79-120%
460-00-4	4-Bromofluorobenzene	105%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA81692-6	**Date Sampled:**	07/20/11
Matrix:	AQ - Effluent	**Date Received:**	07/22/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91078.D	1	08/01/11	RP	n/a	n/a	GUV3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	80%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA81692-6	**Date Sampled:**	07/20/11
Matrix:	AQ - Effluent	**Date Received:**	07/22/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33397.D	1	08/04/11	VDT	07/26/11	OP50925	G3Z1028
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		34-131%
16416-32-3	Tetracosane-d50	80%		15-119%
438-22-2	5a-Androstane	88%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-MID		
Lab Sample ID:	JA81692-7	**Date Sampled:**	07/20/11
Matrix:	AQ - Ground Water	**Date Received:**	07/22/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S148063.D	1	07/27/11	NT	n/a	n/a	VS6085
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		77-120%
17060-07-0	1,2-Dichloroethane-D4	103%		70-127%
2037-26-5	Toluene-D8	104%		79-120%
460-00-4	4-Bromofluorobenzene	104%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-MID		
Lab Sample ID:	JA81692-7	**Date Sampled:**	07/20/11
Matrix:	AQ - Ground Water	**Date Received:**	07/22/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91068.D	1	08/01/11	RP	n/a	n/a	GUV3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	83%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-MID		
Lab Sample ID:	JA81692-7	**Date Sampled:**	07/20/11
Matrix:	AQ - Ground Water	**Date Received:**	07/22/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33405.D	1	08/04/11	VDT	07/26/11	OP50925	G3Z1029
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	91%		34-131%
16416-32-3	Tetracosane-d50	83%		15-119%
438-22-2	5a-Androstane	91%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-INFLUENT		
Lab Sample ID:	JA81692-8	**Date Sampled:**	07/20/11
Matrix:	AQ - Influent	**Date Received:**	07/22/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S148064.D	1	07/27/11	NT	n/a	n/a	VS6085
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1.9	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	0.68	1.0	0.21	ug/l	J
1330-20-7	Xylene (total)	2.6	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	5.4	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		77-120%
17060-07-0	1,2-Dichloroethane-D4	102%		70-127%
2037-26-5	Toluene-D8	104%		79-120%
460-00-4	4-Bromofluorobenzene	103%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-INFLUENT		
Lab Sample ID:	JA81692-8	**Date Sampled:**	07/20/11
Matrix:	AQ - Influent	**Date Received:**	07/22/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91069.D	1	08/01/11	RP	n/a	n/a	GUV3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	82%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-INFLUENT		
Lab Sample ID:	JA81692-8	**Date Sampled:**	07/20/11
Matrix:	AQ - Influent	**Date Received:**	07/22/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33406.D	1	08/04/11	VDT	07/26/11	OP50925	G3Z1029
Run #2							

	Initial Volume	Final Volume
Run #1	970 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0036	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	93%		34-131%
16416-32-3	Tetracosane-d50	88%		15-119%
438-22-2	5a-Androstane	92%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-26D		
Lab Sample ID:	JA81692-9	**Date Sampled:**	07/20/11
Matrix:	AQ - Ground Water	**Date Received:**	07/22/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S148051.D	10	07/27/11	NT	n/a	n/a	VS6085
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	1800	10	1.8	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		77-120%
17060-07-0	1,2-Dichloroethane-D4	104%		70-127%
2037-26-5	Toluene-D8	104%		79-120%
460-00-4	4-Bromofluorobenzene	105%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-MW-26S		
Lab Sample ID:	JA81692-10	**Date Sampled:**	07/20/11
Matrix:	AQ - Ground Water	**Date Received:**	07/22/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S148065.D	1	07/28/11	NT	n/a	n/a	VS6085
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	183	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		77-120%
17060-07-0	1,2-Dichloroethane-D4	101%		70-127%
2037-26-5	Toluene-D8	104%		79-120%
460-00-4	4-Bromofluorobenzene	105%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New Jersey

ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Shell Oil Products Chain Of Custody Record

URS

LAB (LOCATION)
- [ ] XENCO ( )
- [ ] Test America ( )
- [x] OTHER (Accutest)
  - [x] Lab Vendor # ( )
- [ ] SPL ( )

Lab Vendor # 1392517

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER

Print Bill To Contact Name: Adriane Rogers

INCIDENT # (ENV SERVICES): 97436977 (137675)

- [ ] CHECK IF NO INCIDENT # APPLIES

DATE: 7-20-11

PAGE: 1 of 1

PO #:

SAP #: 137675

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

TELEPHONE: 301-258-9780

FAX: 301-869-8728

Bill To Contact E-MAIL: adriane_rogers@urscorp.com

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring

State: MD

GLOBAL ID NO.:

EDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers

PHONE NO.: 301-258-9780

E-MAIL: adriane_rogers@urscorp.com

CONSULTANT PROJECT NO.: 137675

SAMPLER NAME(S) (Print): Radosick Sample

LAB SAMPLE NO.: JA81692

TURNAROUND TIME (CALENDAR DAYS):
- [x] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [ ] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY:

DELIVERABLES:
- [ ] LEVEL 1
- [x] LEVEL 2
- [ ] LEVEL 3
- [ ] LEVEL 4
- [ ] OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1 3.4°C; Cooler #2 4.4°C; Cooler #3

SPECIAL INSTRUCTIONS OR NOTES:
- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED
- [ ] PROVIDE LEDD DISK

REQUESTED ANALYSIS

Field Sample Identification	Sampling Date	Sampling Time	Matrix	HCL	HNO3	H2SO4	None	Other	No. of Cont.	TPH - (8015) GRO	TPH - (8015) DRO	BTEX, MTBE (8260B)	MTBE 82-60D	Container PID Readings or Laboratory Notes
137675 - Offsite - Effluent	7-20-11	10:20	GW	x					7	x	x	x		48T, 972
137675 - Offsite - Mid3		10:25	GW	x					7	x	x	x		
137675 - Offsite - Mid2		10:30	GW	x					7	x	x	x		
137675 - Offsite - Mid1		10:35	GW	x					7	x	x	x		
137675 - Offsite - Influent		10:40	GW	x					7	x	x	x		
137675 - Onsite - Effluent		12:52	GW	x					7	x	x	x		
137675 - Onsite - Mid		12:56	GW	x					7	x	x	x		
137675 - Onsite - Influent		13:00	GW	x					7	x	x	x		
137675 - MW-26D		12:20	GW	X					3				X	
137675 - MW-26S	7-20-11	12:35	GW	X					3				X	

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

ALL SAMPLES RECEIVED PRESERVED AS APPLICABLE

TMS 7/22/11

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	Fed Ex		
Fed Ex	Mathews	7/22/11	0930

05/2/06 Revision

MV-6/27/11-8 TRK #'s 874080860914 874080860925

Seal #'s 536+538 rec'd intact TMS 7/22/11

A RC

4.1

4

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA81692 **Client:**

Date / Time Received: 7/22/2011 **Project:**

No. Coolers: 2 **Airbill #'s:** **Delivery Method:**

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA81692: Chain of Custody
Page 2 of 2

New Jersey
ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA81692
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VS6085-MB1	S148044.D	1	07/27/11	NT	n/a	n/a	VS6085

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA81692-1, JA81692-2, JA81692-3, JA81692-4, JA81692-5, JA81692-6, JA81692-7, JA81692-8, JA81692-9, JA81692-10

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	113%	77-120%
17060-07-0	1,2-Dichloroethane-D4	109%	70-127%
2037-26-5	Toluene-D8	106%	79-120%
460-00-4	4-Bromofluorobenzene	104%	76-118%

Blank Spike Summary

Job Number: JA81692
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VS6085-BS	S148045.D	1	07/27/11	NT	n/a	n/a	VS6085

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA81692-1, JA81692-2, JA81692-3, JA81692-4, JA81692-5, JA81692-6, JA81692-7, JA81692-8, JA81692-9, JA81692-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	48.8	98	76-119
100-41-4	Ethylbenzene	50	57.0	114	77-119
1634-04-4	Methyl Tert Butyl Ether	100	97.1	97	72-125
108-88-3	Toluene	50	52.9	106	77-122
1330-20-7	Xylene (total)	150	162	108	78-121

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	113%	77-120%
17060-07-0	1,2-Dichloroethane-D4	112%	70-127%
2037-26-5	Toluene-D8	102%	79-120%
460-00-4	4-Bromofluorobenzene	112%	76-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA81692
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA81692-5MS	S148046.D	5	07/27/11	NT	n/a	n/a	VS6085
JA81692-5MSD	S148047.D	5	07/27/11	NT	n/a	n/a	VS6085
JA81692-5	S148049.D	5	07/27/11	NT	n/a	n/a	VS6085
JA81692-5	S148050.D	50	07/27/11	NT	n/a	n/a	VS6085

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA81692-1, JA81692-2, JA81692-3, JA81692-4, JA81692-5, JA81692-6, JA81692-7, JA81692-8, JA81692-9, JA81692-10

CAS No.	Compound	JA81692-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	2.4	J	250	242	96	243	96	0	40-139/12
100-41-4	Ethylbenzene	ND		250	254	102	252	101	1	40-140/12
1634-04-4	Methyl Tert Butyl Ether	2380 [b]		250	2580	80	2480	40* [a]	4	54-136/12
108-88-3	Toluene	ND		250	256	102	255	102	0	47-140/12
1330-20-7	Xylene (total)	ND		750	719	96	714	95	1	42-140/12

CAS No.	Surrogate Recoveries	MS	MSD	JA81692-5	JA81692-5	Limits
1868-53-7	Dibromofluoromethane	112%	109%	109%	110%	77-120%
17060-07-0	1,2-Dichloroethane-D4	111%	109%	103%	102%	70-127%
2037-26-5	Toluene-D8	105%	104%	104%	104%	79-120%
460-00-4	4-Bromofluorobenzene	101%	102%	106%	104%	76-118%

(a) Outside control limits due to high level in sample relative to spike amount.
(b) Result is from Run #2.

Instrument Performance Check (BFB)

Job Number: JA81692
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: VS6055-BFB
Lab File ID: S147313.D
Instrument ID: GCMSS
Injection Date: 07/08/11
Injection Time: 00:53

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	5687	18.5		Pass
75	30.0 - 60.0% of mass 95	14378	46.7		Pass
95	Base peak, 100% relative abundance	30821	100.0		Pass
96	5.0 - 9.0% of mass 95	2111	6.85		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	26125	84.8		Pass
175	5.0 - 9.0% of mass 174	2188	7.10	(8.38) [a]	Pass
176	95.0 - 101.0% of mass 174	25533	82.8	(97.7) [a]	Pass
177	5.0 - 9.0% of mass 176	1735	5.63	(6.80) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VS6055-IC6055	S147314.D	07/08/11	01:14	00:21	Initial cal 0.5
VS6055-IC6055	S147315.D	07/08/11	01:36	00:43	Initial cal 1
VS6055-IC6055	S147316.D	07/08/11	01:57	01:04	Initial cal 2
VS6055-IC6055	S147317.D	07/08/11	02:19	01:26	Initial cal 5
VS6055-IC6055	S147318.D	07/08/11	02:40	01:47	Initial cal 20
VS6055-ICC6055	S147319.D	07/08/11	03:01	02:08	Initial cal 50
VS6055-ICV6055	S147320.D	07/08/11	03:23	02:30	Initial cal verification 50
VS6055-IC6055	S147321.D	07/08/11	03:44	02:51	Initial cal 100
VS6055-IC6055	S147322.D	07/08/11	04:05	03:12	Initial cal 200

Instrument Performance Check (BFB)

Job Number: JA81692
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: VS6085-BFB
Lab File ID: S148041.D
Instrument ID: GCMSS
Injection Date: 07/27/11
Injection Time: 15:23

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	4649	18.8		Pass
75	30.0 - 60.0% of mass 95	12829	51.9		Pass
95	Base peak, 100% relative abundance	24741	100.0		Pass
96	5.0 - 9.0% of mass 95	1665	6.73		Pass
173	Less than 2.0% of mass 174	77	0.31	(0.35) [a]	Pass
174	50.0 - 120.0% of mass 95	21952	88.7		Pass
175	5.0 - 9.0% of mass 174	1772	7.16	(8.07) [a]	Pass
176	95.0 - 101.0% of mass 174	21173	85.6	(96.5) [a]	Pass
177	5.0 - 9.0% of mass 176	1467	5.93	(6.93) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VS6085-CC6055	S148042.D	07/27/11	15:47	00:24	Continuing cal 20
VS6085-MB1	S148044.D	07/27/11	16:35	01:12	Method Blank
VS6085-BS	S148045.D	07/27/11	16:56	01:33	Blank Spike
JA81692-5MS	S148046.D	07/27/11	17:18	01:55	Matrix Spike
JA81692-5MSD	S148047.D	07/27/11	17:39	02:16	Matrix Spike Duplicate
JA81692-5	S148049.D	07/27/11	18:22	02:59	137675-OFFSITE-INFLUENT
JA81692-5	S148050.D	07/27/11	18:43	03:20	137675-OFFSITE-INFLUENT
JA81692-9	S148051.D	07/27/11	19:05	03:42	137675-MW-26D
ZZZZZZ	S148052.D	07/27/11	19:26	04:03	(unrelated sample)
ZZZZZZ	S148053.D	07/27/11	19:47	04:24	(unrelated sample)
ZZZZZZ	S148056.D	07/27/11	20:51	05:28	(unrelated sample)
ZZZZZZ	S148057.D	07/27/11	21:13	05:50	(unrelated sample)
JA81692-1	S148058.D	07/27/11	21:34	06:11	137675-OFFSITE-EFFLUENT
JA81692-2	S148059.D	07/27/11	21:55	06:32	137675-OFFSITE-MID3
JA81692-3	S148060.D	07/27/11	22:17	06:54	137675-OFFSITE-MID2
JA81692-4	S148061.D	07/27/11	22:38	07:15	137675-OFFSITE-MID1
JA81692-6	S148062.D	07/27/11	22:59	07:36	137675-ONSITE-EFFLUENT
JA81692-7	S148063.D	07/27/11	23:21	07:58	137675-ONSITE-MID
JA81692-8	S148064.D	07/27/11	23:42	08:19	137675-ONSITE-INFLUENT
JA81692-10	S148065.D	07/28/11	00:03	08:40	137675-MW-26S
ZZZZZZ	S148066.D	07/28/11	00:25	09:02	(unrelated sample)
ZZZZZZ	S148067.D	07/28/11	00:46	09:23	(unrelated sample)
ZZZZZZ	S148068.D	07/28/11	01:07	09:44	(unrelated sample)
VS6086-CC5790	S148071.D	07/28/11	07:25	16:02	Continuing cal 25

Instrument Performance Check (BFB)

Job Number: JA81692
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: VS6085-BFB
Lab File ID: S148041.D
Instrument ID: GCMSS
Injection Date: 07/27/11
Injection Time: 15:23

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VS6086-MB	S148072.D	07/28/11	07:56	16:33	Method Blank
VS6086-BS	S148073.D	07/28/11	08:26	17:03	Blank Spike
JA81986-1	S148074.D	07/28/11	09:01	17:38	(used for QC only; not part of job JA81692)
JA81986-1MS	S148075.D	07/28/11	09:31	18:08	Matrix Spike
JA81986-1MSD	S148076.D	07/28/11	10:01	18:38	Matrix Spike Duplicate
ZZZZZZ	S148077.D	07/28/11	10:31	19:08	(unrelated sample)
ZZZZZZ	S148078.D	07/28/11	11:01	19:38	(unrelated sample)
ZZZZZZ	S148079.D	07/28/11	11:31	20:08	(unrelated sample)
ZZZZZZ	S148080.D	07/28/11	12:01	20:38	(unrelated sample)
ZZZZZZ	S148081.D	07/28/11	12:31	21:08	(unrelated sample)
ZZZZZZ	S148082.D	07/28/11	13:01	21:38	(unrelated sample)
ZZZZZZ	S148083.D	07/28/11	13:30	22:07	(unrelated sample)

Volatile Surrogate Recovery Summary

Job Number: JA81692
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JA81692-1	S148058.D	107.0	99.0	104.0	107.0
JA81692-2	S148059.D	108.0	99.0	103.0	106.0
JA81692-3	S148060.D	109.0	101.0	105.0	104.0
JA81692-4	S148061.D	107.0	100.0	104.0	105.0
JA81692-5	S148050.D	110.0	102.0	104.0	104.0
JA81692-5	S148049.D	109.0	103.0	104.0	106.0
JA81692-6	S148062.D	107.0	100.0	103.0	105.0
JA81692-7	S148063.D	112.0	103.0	104.0	104.0
JA81692-8	S148064.D	109.0	102.0	104.0	103.0
JA81692-9	S148051.D	110.0	104.0	104.0	105.0
JA81692-10	S148065.D	108.0	101.0	104.0	105.0
JA81692-5MS	S148046.D	112.0	111.0	105.0	101.0
JA81692-5MSD	S148047.D	109.0	109.0	104.0	102.0
VS6085-BS	S148045.D	113.0	112.0	102.0	112.0
VS6085-MB1	S148044.D	113.0	109.0	106.0	104.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	77-120%
S2 = 1,2-Dichloroethane-D4	70-127%
S3 = Toluene-D8	79-120%
S4 = 4-Bromofluorobenzene	76-118%

New Jersey

ACCUTEST LABORATORIES

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA81692
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3606-MB1	UV91036.D	1	07/29/11	RP	n/a	n/a	GUV3606

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA81692-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	80%	68-114%

Method Blank Summary

Job Number: JA81692
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3607-MB1	UV91066.D	1	08/01/11	RP	n/a	n/a	GUV3607

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA81692-3, JA81692-4, JA81692-5, JA81692-7, JA81692-8

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	80%	68-114%

Method Blank Summary

Job Number: JA81692
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3607-MB2	UV91076.D	1	08/01/11	RP	n/a	n/a	GUV3607

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA81692-1, JA81692-6

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	81%	68-114%

Blank Spike Summary

Job Number: JA81692
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3606-BS	UV91042.D	1	07/29/11	RP	n/a	n/a	GUV3606

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA81692-2

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	7.82	98	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	106%	68-114%

Blank Spike Summary

Job Number: JA81692
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3607-BS	UV91074.D	1	08/01/11	RP	n/a	n/a	GUV3607

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA81692-1, JA81692-3, JA81692-4, JA81692-5, JA81692-6, JA81692-7, JA81692-8

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	7.89	99	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	106%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA81692
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA81692-2MS	UV91040.D	1	07/29/11	RP	n/a	n/a	GUV3606
JA81692-2MSD	UV91041.D	1	07/29/11	RP	n/a	n/a	GUV3606
JA81692-2	UV91039.D	1	07/29/11	RP	n/a	n/a	GUV3606

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA81692-2

CAS No.	Compound	JA81692-2 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		8	8.00	100	7.69	96	4	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA81692-2	Limits
98-08-8	aaa-Trifluorotoluene	99%	99%	83%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA81692
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA81692-3MS	UV91072.D	1	08/01/11	RP	n/a	n/a	GUV3607
JA81692-3MSD	UV91073.D	1	08/01/11	RP	n/a	n/a	GUV3607
JA81692-3	UV91067.D	1	08/01/11	RP	n/a	n/a	GUV3607

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA81692-1, JA81692-3, JA81692-4, JA81692-5, JA81692-6, JA81692-7, JA81692-8

CAS No.	Compound	JA81692-3 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		8	6.46	81	6.23	78	4	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA81692-3	Limits
98-08-8	aaa-Trifluorotoluene	94%	99%	79%	68-114%

Volatile Surrogate Recovery Summary

Job Number: JA81692
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
JA81692-1	UV91077.D	79.0
JA81692-2	UV91039.D	83.0
JA81692-3	UV91067.D	79.0
JA81692-4	UV91070.D	83.0
JA81692-5	UV91071.D	83.0
JA81692-6	UV91078.D	80.0
JA81692-7	UV91068.D	83.0
JA81692-8	UV91069.D	82.0
GUV3606-BS	UV91042.D	106.0
GUV3606-MB1	UV91036.D	80.0
GUV3607-BS	UV91074.D	106.0
GUV3607-MB1	UV91066.D	80.0
GUV3607-MB2	UV91076.D	81.0
JA81692-2MS	UV91040.D	99.0
JA81692-2MSD	UV91041.D	99.0
JA81692-3MS	UV91072.D	94.0
JA81692-3MSD	UV91073.D	99.0

Surrogate Compounds	Recovery Limits
S1 = aaa-Trifluorotoluene	68-114%

(a) Recovery from GC signal #1

New Jersey
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GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA81692
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP50925-MB1	3Z33369.D	1	08/03/11	VDT	07/26/11	OP50925	G3Z1028

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA81692-1, JA81692-2, JA81692-3, JA81692-4, JA81692-5, JA81692-6, JA81692-7, JA81692-8

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	91%	34-131%
16416-32-3	Tetracosane-d50	70%	15-119%
438-22-2	5a-Androstane	74%	11-119%

Blank Spike Summary

Job Number: JA81692
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP50925-BS1	3Z33370.D	1	08/03/11	VDT	07/26/11	OP50925	G3Z1028

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA81692-1, JA81692-2, JA81692-3, JA81692-4, JA81692-5, JA81692-6, JA81692-7, JA81692-8

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-DRO (C10-C28)	1	0.756	76	36-118

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	84%	34-131%
16416-32-3	Tetracosane-d50	72%	15-119%
438-22-2	5a-Androstane	72%	11-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA81692
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP50925-MS	3Z33600.D	1	08/11/11	VDT	07/26/11	OP50925	G3Z1034
OP50925-MSD	3Z33601.D	1	08/11/11	VDT	07/26/11	OP50925	G3Z1034
JA81585-2	3Z33371.D	1	08/03/11	VDT	07/26/11	OP50925	G3Z1028

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA81692-1, JA81692-2, JA81692-3, JA81692-4, JA81692-5, JA81692-6, JA81692-7, JA81692-8

CAS No.	Compound	JA81585-2 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	ND		2	2.60	130	2.61	131	0	10-132/38

CAS No.	Surrogate Recoveries	MS	MSD	JA81585-2	Limits
84-15-1	o-Terphenyl	113%	113%	97%	34-131%
16416-32-3	Tetracosane-d50	97%	98%	91%	15-119%
438-22-2	5a-Androstane	116%	115%	95%	11-119%

Semivolatile Surrogate Recovery Summary

Job Number: JA81692
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S2 [a]	S3 [a]
JA81692-1	3Z33392.D	90.0	84.0	89.0
JA81692-2	3Z33393.D	90.0	83.0	88.0
JA81692-3	3Z33394.D	88.0	83.0	88.0
JA81692-4	3Z33395.D	85.0	82.0	85.0
JA81692-5	3Z33396.D	91.0	87.0	91.0
JA81692-6	3Z33397.D	88.0	80.0	88.0
JA81692-7	3Z33405.D	91.0	83.0	91.0
JA81692-8	3Z33406.D	93.0	88.0	92.0
OP50925-BS1	3Z33370.D	84.0	72.0	72.0
OP50925-MB1	3Z33369.D	91.0	70.0	74.0
OP50925-MS	3Z33600.D	113.0	97.0	116.0
OP50925-MSD	3Z33601.D	113.0	98.0	115.0

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	34-131%
S2 = Tetracosane-d50	15-119%
S3 = 5a-Androstane	11-119%

(a) Recovery from GC signal #1

New Jersey
ACCUTEST LABORATORIES

08/22/11

Technical Report for

Shell Oil Products US

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

INC#97436977

Accutest Job Number: JA82830

Sampling Date: 08/04/11

Report to:

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ATTN: Jenna Anthony

Total number of pages in report: **60**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
VP, Laboratory Director

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Accutest Laboratories

Sample Summary

Shell Oil Products US

Job No: JA82830

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD
Project No: INC#97436977

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA82830-1	08/04/11	13:10	RS	08/05/11	AQ	Effluent	137675-OFFSITE-EFFLUENT
JA82830-2	08/04/11	13:15	RS	08/05/11	AQ	Ground Water	137675-OFFSITE-MID3
JA82830-3	08/04/11	13:20	RS	08/05/11	AQ	Ground Water	137675-OFFSITE-MID2
JA82830-4	08/04/11	13:25	RS	08/05/11	AQ	Ground Water	137675-OFFSITE-MID1
JA82830-5	08/04/11	13:30	RS	08/05/11	AQ	Influent	137675-OFFSITE-INFLUENT
JA82830-6	08/04/11	14:15	RS	08/05/11	AQ	Effluent	137675-ONSITE-EFFLUENT
JA82830-7	08/04/11	14:20	RS	08/05/11	AQ	Ground Water	137675-ONSITE-MID
JA82830-8	08/04/11	14:25	RS	08/05/11	AQ	Influent	137675-ONSITE-INFLUENT

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Shell Oil Products US	**Job No**	JA82830
Site:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Sprin	**Report Date**	8/22/2011 11:02:27 A

On 08/05/2011, 8 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 1.5 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA82830 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** V4B378

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA82761-4MS, JA82761-4MSD were used as the QC samples indicated.

Matrix: AQ **Batch ID:** V4B379

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA82830-5MS, JA82830-5MSD were used as the QC samples indicated.
- Matrix Spike Recovery(s) for Methyl Tert Butyl Ether are outside control limits. Outside control limits due to high level in sample relative to spike amount.

Matrix: AQ **Batch ID:** V4B383

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA82830-7MS, JA82830-7MSD were used as the QC samples indicated.

Volatiles by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** GUV3619

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA82830-2MS, JA82830-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** OP51172

- All samples were extracted within the recommended method holding time.
- Sample(s) JA83000-2MS, JA83000-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

New Jersey

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Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA82830-1	**Date Sampled:**	08/04/11
Matrix:	AQ - Effluent	**Date Received:**	08/05/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B08642.D	1	08/10/11	TDN	n/a	n/a	V4B378
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		77-120%
17060-07-0	1,2-Dichloroethane-D4	98%		70-127%
2037-26-5	Toluene-D8	100%		79-120%
460-00-4	4-Bromofluorobenzene	96%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA82830-1	**Date Sampled:**	08/04/11
Matrix:	AQ - Effluent	**Date Received:**	08/05/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91415.D	1	08/17/11	RP	n/a	n/a	GUV3619
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	79%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA82830-1	**Date Sampled:**	08/04/11
Matrix:	AQ - Effluent	**Date Received:**	08/05/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33704.D	1	08/19/11	VDT	08/08/11	OP51172	G3Z1037
Run #2							

	Initial Volume	Final Volume
Run #1	870 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0040	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	97%		34-131%
16416-32-3	Tetracosane-d50	92%		15-119%
438-22-2	5a-Androstane	95%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID3		
Lab Sample ID:	JA82830-2	**Date Sampled:**	08/04/11
Matrix:	AQ - Ground Water	**Date Received:**	08/05/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B08656.D	1	08/11/11	TDN	n/a	n/a	V4B379
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		77-120%
17060-07-0	1,2-Dichloroethane-D4	103%		70-127%
2037-26-5	Toluene-D8	102%		79-120%
460-00-4	4-Bromofluorobenzene	98%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID3		
Lab Sample ID:	JA82830-2	**Date Sampled:**	08/04/11
Matrix:	AQ - Ground Water	**Date Received:**	08/05/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91416.D	1	08/17/11	RP	n/a	n/a	GUV3619
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	82%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID3		
Lab Sample ID:	JA82830-2	**Date Sampled:**	08/04/11
Matrix:	AQ - Ground Water	**Date Received:**	08/05/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33705.D	1	08/19/11	VDT	08/08/11	OP51172	G3Z1037
Run #2							

	Initial Volume	Final Volume
Run #1	870 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0040	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	96%		34-131%
16416-32-3	Tetracosane-d50	94%		15-119%
438-22-2	5a-Androstane	95%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID2		
Lab Sample ID:	JA82830-3	**Date Sampled:**	08/04/11
Matrix:	AQ - Ground Water	**Date Received:**	08/05/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B08657.D	1	08/11/11	TDN	n/a	n/a	V4B379
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	99.4	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		77-120%
17060-07-0	1,2-Dichloroethane-D4	103%		70-127%
2037-26-5	Toluene-D8	102%		79-120%
460-00-4	4-Bromofluorobenzene	97%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID2		
Lab Sample ID:	JA82830-3	**Date Sampled:**	08/04/11
Matrix:	AQ - Ground Water	**Date Received:**	08/05/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91417.D	1	08/17/11	RP	n/a	n/a	GUV3619
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	82%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID2		
Lab Sample ID:	JA82830-3	**Date Sampled:**	08/04/11
Matrix:	AQ - Ground Water	**Date Received:**	08/05/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33706.D	1	08/19/11	VDT	08/08/11	OP51172	G3Z1037
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0039	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	97%		34-131%
16416-32-3	Tetracosane-d50	81%		15-119%
438-22-2	5a-Androstane	89%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID1		
Lab Sample ID:	JA82830-4	**Date Sampled:**	08/04/11
Matrix:	AQ - Ground Water	**Date Received:**	08/05/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B08644.D	1	08/10/11	TDN	n/a	n/a	V4B378
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	34.7	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		77-120%
17060-07-0	1,2-Dichloroethane-D4	100%		70-127%
2037-26-5	Toluene-D8	103%		79-120%
460-00-4	4-Bromofluorobenzene	98%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID1		
Lab Sample ID:	JA82830-4	**Date Sampled:**	08/04/11
Matrix:	AQ - Ground Water	**Date Received:**	08/05/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91418.D	1	08/17/11	RP	n/a	n/a	GUV3619
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	82%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID1		
Lab Sample ID:	JA82830-4	**Date Sampled:**	08/04/11
Matrix:	AQ - Ground Water	**Date Received:**	08/05/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33707.D	1	08/19/11	VDT	08/08/11	OP51172	G3Z1037
Run #2							

	Initial Volume	Final Volume
Run #1	880 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0040	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	96%		34-131%
16416-32-3	Tetracosane-d50	87%		15-119%
438-22-2	5a-Androstane	91%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-INFLUENT		
Lab Sample ID:	JA82830-5	**Date Sampled:**	08/04/11
Matrix:	AQ - Influent	**Date Received:**	08/05/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B08652.D	5	08/10/11	TDN	n/a	n/a	V4B379
Run #2	4B08651.D	50	08/10/11	TDN	n/a	n/a	V4B379

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	2.3	5.0	1.1	ug/l	J
108-88-3	Toluene	ND	5.0	0.73	ug/l	
100-41-4	Ethylbenzene	ND	5.0	1.1	ug/l	
1330-20-7	Xylene (total)	ND	5.0	0.87	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2790 [a]	50	9.2	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%	108%	77-120%
17060-07-0	1,2-Dichloroethane-D4	103%	103%	70-127%
2037-26-5	Toluene-D8	102%	102%	79-120%
460-00-4	4-Bromofluorobenzene	97%	99%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-INFLUENT		
Lab Sample ID:	JA82830-5	**Date Sampled:**	08/04/11
Matrix:	AQ - Influent	**Date Received:**	08/05/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91419.D	1	08/17/11	RP	n/a	n/a	GUV3619
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	2.72	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	83%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-INFLUENT		
Lab Sample ID:	JA82830-5	**Date Sampled:**	08/04/11
Matrix:	AQ - Influent	**Date Received:**	08/05/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33708.D	1	08/20/11	VDT	08/08/11	OP51172	G3Z1037
Run #2							

	Initial Volume	Final Volume
Run #1	890 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0039	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	99%		34-131%
16416-32-3	Tetracosane-d50	94%		15-119%
438-22-2	5a-Androstane	93%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA82830-6	**Date Sampled:**	08/04/11
Matrix:	AQ - Effluent	**Date Received:**	08/05/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B08643.D	1	08/10/11	TDN	n/a	n/a	V4B378
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		77-120%
17060-07-0	1,2-Dichloroethane-D4	100%		70-127%
2037-26-5	Toluene-D8	102%		79-120%
460-00-4	4-Bromofluorobenzene	99%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA82830-6	**Date Sampled:**	08/04/11
Matrix:	AQ - Effluent	**Date Received:**	08/05/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91425.D	1	08/17/11	RP	n/a	n/a	GUV3619
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	81%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA82830-6	**Date Sampled:**	08/04/11
Matrix:	AQ - Effluent	**Date Received:**	08/05/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33709.D	1	08/20/11	VDT	08/08/11	OP51172	G3Z1037
Run #2							

	Initial Volume	Final Volume
Run #1	850 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.12	0.0041	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	95%		34-131%
16416-32-3	Tetracosane-d50	96%		15-119%
438-22-2	5a-Androstane	96%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-MID		
Lab Sample ID:	JA82830-7	**Date Sampled:**	08/04/11
Matrix:	AQ - Ground Water	**Date Received:**	08/05/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B08724.D	1	08/12/11	TDN	n/a	n/a	V4B383
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		77-120%
17060-07-0	1,2-Dichloroethane-D4	108%		70-127%
2037-26-5	Toluene-D8	100%		79-120%
460-00-4	4-Bromofluorobenzene	102%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-MID		
Lab Sample ID:	JA82830-7	**Date Sampled:**	08/04/11
Matrix:	AQ - Ground Water	**Date Received:**	08/05/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91426.D	1	08/17/11	RP	n/a	n/a	GUV3619
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	83%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-MID		
Lab Sample ID:	JA82830-7	**Date Sampled:**	08/04/11
Matrix:	AQ - Ground Water	**Date Received:**	08/05/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33710.D	1	08/20/11	VDT	08/08/11	OP51172	G3Z1037
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0039	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	92%		34-131%
16416-32-3	Tetracosane-d50	91%		15-119%
438-22-2	5a-Androstane	92%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-INFLUENT		
Lab Sample ID:	JA82830-8	**Date Sampled:**	08/04/11
Matrix:	AQ - Influent	**Date Received:**	08/05/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B08658.D	1	08/11/11	TDN	n/a	n/a	V4B379
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	5.9	1.0	0.22	ug/l	
108-88-3	Toluene	0.28	1.0	0.15	ug/l	J
100-41-4	Ethylbenzene	1.2	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	6.3	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	6.2	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		77-120%
17060-07-0	1,2-Dichloroethane-D4	103%		70-127%
2037-26-5	Toluene-D8	101%		79-120%
460-00-4	4-Bromofluorobenzene	96%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-INFLUENT		
Lab Sample ID:	JA82830-8	**Date Sampled:**	08/04/11
Matrix:	AQ - Influent	**Date Received:**	08/05/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV91433.D	1	08/17/11	RP	n/a	n/a	GUV3619
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	83%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-INFLUENT		
Lab Sample ID:	JA82830-8	**Date Sampled:**	08/04/11
Matrix:	AQ - Influent	**Date Received:**	08/05/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z33711.D	1	08/20/11	VDT	08/08/11	OP51172	G3Z1037
Run #2							

	Initial Volume	Final Volume
Run #1	890 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0039	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	91%		34-131%
16416-32-3	Tetracosane-d50	87%		15-119%
438-22-2	5a-Androstane	88%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New Jersey

ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

8768 0886 2135
8768 0886 2113

Shell Oil Products Chain Of Custody Record

URS

LAB (LOCATION) W

- ☐ XENCO ( )
- ☐ Test America ( )
- ☑ OTHER (Accutest)
- ☑ Lab Vendor # ( )
- ☐ SPL ( )

Lab Vendor # 1392517

Please Check Appropriate Box:

☑ ENV. SERVICES	☐ MOTIVA RETAIL	☐ SHELL RETAIL
☐ MOTIVA SO&CM	☐ CONSULTANT	☐ LUBES
☐ SHELL PIPELINE	☐ OTHER	

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP # 137675

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 8-4-11

PAGE: 1 of 1

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

TELEPHONE: 301-258-9780

FAX: 301-869-8728

Bill To Contact E-MAIL: adriane_rogers@urscorp.com

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring

State: MD

GLOBAL ID NO.:

EDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers

PHONE NO.: 301-258-9780

E-MAIL: adriane_rogers@urscorp.com

CONSULTANT PROJECT NO.: 137675

SAMPLER NAME(S) (Print): Roderick Sample

TURNAROUND TIME (CALENDAR DAYS):

☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1 1.5°c Cooler #2 1.2°c Cooler #3

SPECIAL INSTRUCTIONS OR NOTES:
* PER BOTTLE LABELS 8-5-11

☑ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☐ RECEIPT VERIFICATION REQUESTED
☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS

Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	BTEX, MTBE (8260B)	FIELD NOTES: Container PID Readings or Laboratory Notes
137675 - Offsite - Effluent	* 8/4	13:10	GW	x					7	x	x	x	UTC31
137675 - Offsite - Mid3		13:15	GW	x					7	x	x	x	2047
137675 - Offsite - Mid2		13:20	GW	x					7	x	x	x	
137675 - Offsite - Mid1		13:25	GW	x					7	x	x	x	
137675 - Offsite - Influent		13:30	GW	x					7	x	x	x	
137675 - Onsite - Effluent		14:15	GW	x					7	x	x	x	
137675 - Onsite - Mid		14:20	GW	x					7	x	x	x	
137675 - Onsite - Influent		14:25	GW	x					7	x	x	x	

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	Fed Ex		
Fed Ex 8/5/11 10:00		8-5-11	10:00

ALL SAMPLES RECEIVED IN PRESERVED AS APPLICABLE

03/2/06 Revision

JA82830: Chain of Custody
Page 1 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA82830 **Client:** URS-MD

Date / Time Received: 8/5/2011 10:00 **Project:** 15541 NEW HAMPSHIRE AVE

No. Coolers: **Airbill #'s:** 8768 0886 2135 **Delivery Method:** FedEx

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☐	☑	3. COC Present:	☑	☐
2. Custody Seals Intact:	☐	☑	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (direct contact)	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☐	☑
3. Condition of sample:	Broken / Leaking	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments -6 1 OF 5 VO REC'D BROKEN

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, NJ 08810
www/accutest.com

JA82830: Chain of Custody
Page 2 of 3

Problem Resolution

Accutest Job Number: JA82830

CSR:

Response Date

Response:

JA82830: Chain of Custody
Page 3 of 3

New Jersey

ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B378-MB	4B08623.D	1	08/10/11	TDN	n/a	n/a	V4B378

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA82830-1, JA82830-4, JA82830-6

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	111%	77-120%
17060-07-0	1,2-Dichloroethane-D4	104%	70-127%
2037-26-5	Toluene-D8	103%	79-120%
460-00-4	4-Bromofluorobenzene	98%	76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B379-MB	4B08649.D	1	08/10/11	TDN	n/a	n/a	V4B379

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA82830-2, JA82830-3, JA82830-5, JA82830-8

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	107%	77-120%
17060-07-0	1,2-Dichloroethane-D4	102%	70-127%
2037-26-5	Toluene-D8	103%	79-120%
460-00-4	4-Bromofluorobenzene	98%	76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B383-MB	4B08720.D	1	08/12/11	TDN	n/a	n/a	V4B383

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA82830-7

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	109%	77-120%
17060-07-0	1,2-Dichloroethane-D4	107%	70-127%
2037-26-5	Toluene-D8	100%	79-120%
460-00-4	4-Bromofluorobenzene	102%	76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
541-05-9	Cyclotrisiloxane, hexamethyl-	20.58	5.1	ug/l	JN
	Total TIC, Volatile		5.1	ug/l	J

Blank Spike Summary

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B378-BS	4B08624.D	1	08/10/11	TDN	n/a	n/a	V4B378

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA82830-1, JA82830-4, JA82830-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	52.6	105	76-119
100-41-4	Ethylbenzene	50	52.1	104	77-119
1634-04-4	Methyl Tert Butyl Ether	100	97.1	97	72-125
108-88-3	Toluene	50	50.9	102	77-122
1330-20-7	Xylene (total)	150	156	104	78-121

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	111%	77-120%
17060-07-0	1,2-Dichloroethane-D4	101%	70-127%
2037-26-5	Toluene-D8	102%	79-120%
460-00-4	4-Bromofluorobenzene	95%	76-118%

Blank Spike Summary

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B379-BS	4B08650.D	1	08/10/11	TDN	n/a	n/a	V4B379

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA82830-2, JA82830-3, JA82830-5, JA82830-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	49.5	99	76-119
100-41-4	Ethylbenzene	50	48.7	97	77-119
1634-04-4	Methyl Tert Butyl Ether	100	96.4	96	72-125
108-88-3	Toluene	50	49.4	99	77-122
1330-20-7	Xylene (total)	150	147	98	78-121

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	109%	77-120%
17060-07-0	1,2-Dichloroethane-D4	103%	70-127%
2037-26-5	Toluene-D8	104%	79-120%
460-00-4	4-Bromofluorobenzene	97%	76-118%

Blank Spike Summary

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B383-BS	4B08721.D	1	08/12/11	TDN	n/a	n/a	V4B383

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA82830-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	54.2	108	76-119
100-41-4	Ethylbenzene	50	53.2	106	77-119
1634-04-4	Methyl Tert Butyl Ether	100	102	102	72-125
108-88-3	Toluene	50	52.3	105	77-122
1330-20-7	Xylene (total)	150	159	106	78-121

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	110%	77-120%
17060-07-0	1,2-Dichloroethane-D4	107%	70-127%
2037-26-5	Toluene-D8	102%	79-120%
460-00-4	4-Bromofluorobenzene	98%	76-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA82761-4MS	4B08632.D	1	08/10/11	TDN	n/a	n/a	V4B378
JA82761-4MSD	4B08633.D	1	08/10/11	TDN	n/a	n/a	V4B378
JA82761-4	4B08626.D	1	08/10/11	TDN	n/a	n/a	V4B378

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA82830-1, JA82830-4, JA82830-6

CAS No.	Compound	JA82761-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		50	54.4	109	53.7	107	1	40-139/12
100-41-4	Ethylbenzene	ND		50	53.5	107	53.5	107	0	40-140/12
1634-04-4	Methyl Tert Butyl Ether	ND		50	52.1	104	52.4	105	1	54-136/12
108-88-3	Toluene	ND		50	55.0	110	53.5	107	3	47-140/12
1330-20-7	Xylene (total)	ND		150	163	109	162	108	1	42-140/12

CAS No.	Surrogate Recoveries	MS	MSD	JA82761-4	Limits
1868-53-7	Dibromofluoromethane	109%	109%	110%	77-120%
17060-07-0	1,2-Dichloroethane-D4	102%	101%	104%	70-127%
2037-26-5	Toluene-D8	103%	102%	101%	79-120%
460-00-4	4-Bromofluorobenzene	95%	96%	97%	76-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA82830-5MS	4B08653.D	5	08/10/11	TDN	n/a	n/a	V4B379
JA82830-5MSD	4B08654.D	5	08/10/11	TDN	n/a	n/a	V4B379
JA82830-5	4B08652.D	5	08/10/11	TDN	n/a	n/a	V4B379
JA82830-5	4B08651.D	50	08/10/11	TDN	n/a	n/a	V4B379

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA82830-2, JA82830-3, JA82830-5, JA82830-8

CAS No.	Compound	JA82830-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	2.3	J	250	259	103	261	103	1	40-139/12
100-41-4	Ethylbenzene	ND		250	257	103	257	103	0	40-140/12
1634-04-4	Methyl Tert Butyl Ether	2790 [b]		250	2600	-76* [a]	2650	-56* [a]	2	54-136/12
108-88-3	Toluene	ND		250	253	101	252	101	0	47-140/12
1330-20-7	Xylene (total)	ND		750	776	103	776	103	0	42-140/12

CAS No.	Surrogate Recoveries	MS	MSD	JA82830-5	JA82830-5	Limits
1868-53-7	Dibromofluoromethane	108%	109%	109%	108%	77-120%
17060-07-0	1,2-Dichloroethane-D4	102%	103%	103%	103%	70-127%
2037-26-5	Toluene-D8	102%	102%	102%	102%	79-120%
460-00-4	4-Bromofluorobenzene	97%	96%	97%	99%	76-118%

(a) Outside control limits due to high level in sample relative to spike amount.
(b) Result is from Run #2.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA82830-7MS	4B08730.D	1	08/12/11	TDN	n/a	n/a	V4B383
JA82830-7MSD	4B08731.D	1	08/12/11	TDN	n/a	n/a	V4B383
JA82830-7	4B08724.D	1	08/12/11	TDN	n/a	n/a	V4B383

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA82830-7

CAS No.	Compound	JA82830-7 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		50	49.7	99	49.7	99	0	40-139/12
100-41-4	Ethylbenzene	ND		50	49.2	98	49.4	99	0	40-140/12
1634-04-4	Methyl Tert Butyl Ether	ND		50	47.7	95	47.7	95	0	54-136/12
108-88-3	Toluene	ND		50	48.0	96	48.2	96	0	47-140/12
1330-20-7	Xylene (total)	ND		150	147	98	147	98	0	42-140/12

CAS No.	Surrogate Recoveries	MS	MSD	JA82830-7	Limits
1868-53-7	Dibromofluoromethane	110%	109%	110%	77-120%
17060-07-0	1,2-Dichloroethane-D4	108%	107%	108%	70-127%
2037-26-5	Toluene-D8	101%	102%	100%	79-120%
460-00-4	4-Bromofluorobenzene	98%	97%	102%	76-118%

Instrument Performance Check (BFB)

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V4B311-BFB
Lab File ID: 4B07097.D
Instrument ID: GCMS4B
Injection Date: 06/29/11
Injection Time: 18:38

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	14.99 - 40.0% of mass 95	10434	16.3		Pass
75	30.0 - 60.0% of mass 95	27320	42.6		Pass
95	Base peak, 100% relative abundance	64168	100.0		Pass
96	5.0 - 9.0% of mass 95	4147	6.46		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	59570	92.8		Pass
175	5.0 - 9.0% of mass 174	4666	7.27	(7.83) [a]	Pass
176	95.0 - 101.0% of mass 174	58266	90.8	(97.8) [a]	Pass
177	5.0 - 9.0% of mass 176	3724	5.80	(6.39) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V4B311-IC311	4B07098.D	06/29/11	19:05	00:27	Initial cal 0.5
V4B311-IC311	4B07099.D	06/29/11	19:33	00:55	Initial cal 1
V4B311-IC311	4B07100.D	06/29/11	20:01	01:23	Initial cal 2
V4B311-IC311	4B07101.D	06/29/11	20:29	01:51	Initial cal 5
V4B311-IC311	4B07102.D	06/29/11	20:57	02:19	Initial cal 10
V4B311-IC311	4B07103.D	06/29/11	21:24	02:46	Initial cal 20
V4B311-ICC311	4B07104.D	06/29/11	21:52	03:14	Initial cal 50
V4B311-IC311	4B07105.D	06/29/11	22:20	03:42	Initial cal 75
V4B311-IC311	4B07106.D	06/29/11	22:48	04:10	Initial cal 100
V4B311-IC311	4B07107.D	06/29/11	23:16	04:38	Initial cal 200

Instrument Performance Check (BFB)

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V4B378-BFB
Lab File ID: 4B08621.D
Instrument ID: GCMS4B
Injection Date: 08/10/11
Injection Time: 08:07

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	14.99 - 40.0% of mass 95	8076	15.8		Pass
75	30.0 - 60.0% of mass 95	21541	42.2		Pass
95	Base peak, 100% relative abundance	51042	100.0		Pass
96	5.0 - 9.0% of mass 95	3453	6.77		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	46061	90.2		Pass
175	5.0 - 9.0% of mass 174	3671	7.19	(7.97) [a]	Pass
176	95.0 - 101.0% of mass 174	44698	87.6	(97.0) [a]	Pass
177	5.0 - 9.0% of mass 176	3046	5.97	(6.81) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V4B378-CC311	4B08622.D	08/10/11	08:44	00:37	Continuing cal 20
V4B378-MB	4B08623.D	08/10/11	09:50	01:43	Method Blank
V4B378-BS	4B08624.D	08/10/11	10:18	02:11	Blank Spike
JA82761-4	4B08626.D	08/10/11	11:22	03:15	(used for QC only; not part of job JA82830)
ZZZZZZ	4B08627.D	08/10/11	11:50	03:43	(unrelated sample)
ZZZZZZ	4B08628.D	08/10/11	12:18	04:11	(unrelated sample)
ZZZZZZ	4B08629.D	08/10/11	12:45	04:38	(unrelated sample)
ZZZZZZ	4B08630.D	08/10/11	13:13	05:06	(unrelated sample)
ZZZZZZ	4B08631.D	08/10/11	13:41	05:34	(unrelated sample)
JA82761-4MS	4B08632.D	08/10/11	14:09	06:02	Matrix Spike
JA82761-4MSD	4B08633.D	08/10/11	14:37	06:30	Matrix Spike Duplicate
ZZZZZZ	4B08634.D	08/10/11	15:04	06:57	(unrelated sample)
ZZZZZZ	4B08635.D	08/10/11	15:32	07:25	(unrelated sample)
ZZZZZZ	4B08636.D	08/10/11	16:00	07:53	(unrelated sample)
ZZZZZZ	4B08637.D	08/10/11	16:28	08:21	(unrelated sample)
ZZZZZZ	4B08638.D	08/10/11	16:56	08:49	(unrelated sample)
ZZZZZZ	4B08639.D	08/10/11	17:24	09:17	(unrelated sample)
ZZZZZZ	4B08640.D	08/10/11	17:51	09:44	(unrelated sample)
JA82830-1	4B08642.D	08/10/11	18:47	10:40	137675-OFFSITE-EFFLUENT
JA82830-6	4B08643.D	08/10/11	19:15	11:08	137675-ONSITE-EFFLUENT
JA82830-4	4B08644.D	08/10/11	19:43	11:36	137675-OFFSITE-MID1

Instrument Performance Check (BFB)

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V4B379-BFB
Lab File ID: 4B08646.D
Instrument ID: GCMS4B
Injection Date: 08/10/11
Injection Time: 20:11

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	14.99 - 40.0% of mass 95	8353	15.5		Pass
75	30.0 - 60.0% of mass 95	22869	42.4		Pass
95	Base peak, 100% relative abundance	53938	100.0		Pass
96	5.0 - 9.0% of mass 95	3551	6.58		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	50320	93.3		Pass
175	5.0 - 9.0% of mass 174	3915	7.26	(7.78) [a]	Pass
176	95.0 - 101.0% of mass 174	48920	90.7	(97.2) [a]	Pass
177	5.0 - 9.0% of mass 176	3201	5.93	(6.54) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V4B379-CC311	4B08647.D	08/10/11	20:38	00:27	Continuing cal 50
V4B379-MB	4B08649.D	08/10/11	21:34	01:23	Method Blank
V4B379-BS	4B08650.D	08/10/11	22:02	01:51	Blank Spike
JA82830-5	4B08651.D	08/10/11	22:30	02:19	137675-OFFSITE-INFLUENT
JA82830-5	4B08652.D	08/10/11	22:58	02:47	137675-OFFSITE-INFLUENT
JA82830-5MS	4B08653.D	08/10/11	23:25	03:14	Matrix Spike
JA82830-5MSD	4B08654.D	08/10/11	23:53	03:42	Matrix Spike Duplicate
JA82830-2	4B08656.D	08/11/11	00:49	04:38	137675-OFFSITE-MID3
JA82830-3	4B08657.D	08/11/11	01:17	05:06	137675-OFFSITE-MID2
JA82830-8	4B08658.D	08/11/11	01:45	05:34	137675-ONSITE-INFLUENT
ZZZZZZ	4B08660.D	08/11/11	02:41	06:30	(unrelated sample)
ZZZZZZ	4B08662.D	08/11/11	03:36	07:25	(unrelated sample)
ZZZZZZ	4B08663.D	08/11/11	04:05	07:54	(unrelated sample)
ZZZZZZ	4B08664.D	08/11/11	04:33	08:22	(unrelated sample)
ZZZZZZ	4B08665.D	08/11/11	05:00	08:49	(unrelated sample)
ZZZZZZ	4B08666.D	08/11/11	05:28	09:17	(unrelated sample)
ZZZZZZ	4B08667.D	08/11/11	05:56	09:45	(unrelated sample)
ZZZZZZ	4B08668.D	08/11/11	06:24	10:13	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V4B383-BFB
Lab File ID: 4B08717.D
Instrument ID: GCMS4B
Injection Date: 08/12/11
Injection Time: 10:10

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	14.99 - 40.0% of mass 95	8473	16.3		Pass
75	30.0 - 60.0% of mass 95	22349	42.9		Pass
95	Base peak, 100% relative abundance	52128	100.0		Pass
96	5.0 - 9.0% of mass 95	3609	6.92		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	46904	90.0		Pass
175	5.0 - 9.0% of mass 174	3578	6.86	(7.63) [a]	Pass
176	95.0 - 101.0% of mass 174	45397	87.1	(96.8) [a]	Pass
177	5.0 - 9.0% of mass 176	3014	5.78	(6.64) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V4B383-CC311	4B08719.D	08/12/11	12:58	02:48	Continuing cal 20
V4B383-MB	4B08720.D	08/12/11	14:00	03:50	Method Blank
V4B383-BS	4B08721.D	08/12/11	14:28	04:18	Blank Spike
ZZZZZZ	4B08723.D	08/12/11	15:23	05:13	(unrelated sample)
JA82830-7	4B08724.D	08/12/11	15:51	05:41	137675-ONSITE-MID
ZZZZZZ	4B08725.D	08/12/11	16:19	06:09	(unrelated sample)
ZZZZZZ	4B08726.D	08/12/11	16:47	06:37	(unrelated sample)
ZZZZZZ	4B08727.D	08/12/11	17:15	07:05	(unrelated sample)
ZZZZZZ	4B08728.D	08/12/11	17:43	07:33	(unrelated sample)
ZZZZZZ	4B08729.D	08/12/11	18:10	08:00	(unrelated sample)
JA82830-7MS	4B08730.D	08/12/11	18:38	08:28	Matrix Spike
JA82830-7MSD	4B08731.D	08/12/11	19:06	08:56	Matrix Spike Duplicate
JA80855-11	4B08734.D	08/12/11	20:29	10:19	(used for QC only; not part of job JA82830)
JA80855-11MS	4B08735.D	08/12/11	20:57	10:47	Matrix Spike
JA80855-11MSD	4B08736.D	08/12/11	21:25	11:15	Matrix Spike Duplicate

Volatile Surrogate Recovery Summary

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JA82830-1	4B08642.D	106.0	98.0	100.0	96.0
JA82830-2	4B08656.D	108.0	103.0	102.0	98.0
JA82830-3	4B08657.D	110.0	103.0	102.0	97.0
JA82830-4	4B08644.D	107.0	100.0	103.0	98.0
JA82830-5	4B08652.D	109.0	103.0	102.0	97.0
JA82830-5	4B08651.D	108.0	103.0	102.0	99.0
JA82830-6	4B08643.D	107.0	100.0	102.0	99.0
JA82830-7	4B08724.D	110.0	108.0	100.0	102.0
JA82830-8	4B08658.D	108.0	103.0	101.0	96.0
JA82761-4MS	4B08632.D	109.0	102.0	103.0	95.0
JA82761-4MSD	4B08633.D	109.0	101.0	102.0	96.0
JA82830-5MS	4B08653.D	108.0	102.0	102.0	97.0
JA82830-5MSD	4B08654.D	109.0	103.0	102.0	96.0
JA82830-7MS	4B08730.D	110.0	108.0	101.0	98.0
JA82830-7MSD	4B08731.D	109.0	107.0	102.0	97.0
V4B378-BS	4B08624.D	111.0	101.0	102.0	95.0
V4B378-MB	4B08623.D	111.0	104.0	103.0	98.0
V4B379-BS	4B08650.D	109.0	103.0	104.0	97.0
V4B379-MB	4B08649.D	107.0	102.0	103.0	98.0
V4B383-BS	4B08721.D	110.0	107.0	102.0	98.0
V4B383-MB	4B08720.D	109.0	107.0	100.0	102.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	77-120%
S2 = 1,2-Dichloroethane-D4	70-127%
S3 = Toluene-D8	79-120%
S4 = 4-Bromofluorobenzene	76-118%

New Jersey

ACCUTEST LABORATORIES

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3619-MB1	UV91414.D	1	08/17/11	RP	n/a	n/a	GUV3619

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA82830-1, JA82830-2, JA82830-3, JA82830-4, JA82830-5

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	79%	68-114%

Method Blank Summary

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3619-MB2	UV91424.D	1	08/17/11	RP	n/a	n/a	GUV3619

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA82830-6, JA82830-7, JA82830-8

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	83%	68-114%

Blank Spike Summary

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV3619-BS	UV91422.D	1	08/17/11	RP	n/a	n/a	GUV3619

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA82830-1, JA82830-2, JA82830-3, JA82830-4, JA82830-5, JA82830-6, JA82830-7, JA82830-8

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	8.20	103	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	107%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA82830-2MS	UV91420.D	1	08/17/11	RP	n/a	n/a	GUV3619
JA82830-2MSD	UV91421.D	1	08/17/11	RP	n/a	n/a	GUV3619
JA82830-2	UV91416.D	1	08/17/11	RP	n/a	n/a	GUV3619

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA82830-1, JA82830-2, JA82830-3, JA82830-4, JA82830-5, JA82830-6, JA82830-7, JA82830-8

CAS No.	Compound	JA82830-2 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		8	8.06	101	7.73	97	4	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA82830-2	Limits
98-08-8	aaa-Trifluorotoluene	99%	98%	82%	68-114%

Volatile Surrogate Recovery Summary

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
JA82830-1	UV91415.D	79.0
JA82830-2	UV91416.D	82.0
JA82830-3	UV91417.D	82.0
JA82830-4	UV91418.D	82.0
JA82830-5	UV91419.D	83.0
JA82830-6	UV91425.D	81.0
JA82830-7	UV91426.D	83.0
JA82830-8	UV91433.D	83.0
GUV3619-BS	UV91422.D	107.0
GUV3619-MB1	UV91414.D	79.0
GUV3619-MB2	UV91424.D	83.0
JA82830-2MS	UV91420.D	99.0
JA82830-2MSD	UV91421.D	98.0

Surrogate Compounds	Recovery Limits
S1 = aaa-Trifluorotoluene	68-114%

(a) Recovery from GC signal #1

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GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51172-MB1	3Z33563.D	1	08/10/11	VDT	08/08/11	OP51172	G3Z1033

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA82830-1, JA82830-2, JA82830-3, JA82830-4, JA82830-5, JA82830-6, JA82830-7, JA82830-8

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	100%	34-131%
16416-32-3	Tetracosane-d50	57%	15-119%
438-22-2	5a-Androstane	69%	11-119%

Blank Spike Summary

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51172-BS1	3Z33559.D	1	08/10/11	VDT	08/08/11	OP51172	G3Z1033

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA82830-1, JA82830-2, JA82830-3, JA82830-4, JA82830-5, JA82830-6, JA82830-7, JA82830-8

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-DRO (C10-C28)	1	0.410	41	36-118

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	69%	34-131%
16416-32-3	Tetracosane-d50	28%	15-119%
438-22-2	5a-Androstane	33%	11-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51172-MS	3Z33677.D	1	08/19/11	VDT	08/08/11	OP51172	G3Z1036
OP51172-MSD	3Z33678.D	1	08/19/11	VDT	08/08/11	OP51172	G3Z1036
JA83000-2	3Z33545.D	1	08/10/11	VDT	08/08/11	OP51172	G3Z1032

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA82830-1, JA82830-2, JA82830-3, JA82830-4, JA82830-5, JA82830-6, JA82830-7, JA82830-8

CAS No.	Compound	JA83000-2 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	0.476		2.35	2.97	106	3.06	110	3	10-132/38

CAS No.	Surrogate Recoveries	MS	MSD	JA83000-2	Limits
84-15-1	o-Terphenyl	101%	102%	100%	34-131%
16416-32-3	Tetracosane-d50	92%	95%	87%	15-119%
438-22-2	5a-Androstane	93%	94%	88%	11-119%

Semivolatile Surrogate Recovery Summary

Job Number: JA82830
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S2 [a]	S3 [a]
JA82830-1	3Z33704.D	97.0	92.0	95.0
JA82830-2	3Z33705.D	96.0	94.0	95.0
JA82830-3	3Z33706.D	97.0	81.0	89.0
JA82830-4	3Z33707.D	96.0	87.0	91.0
JA82830-5	3Z33708.D	99.0	94.0	93.0
JA82830-6	3Z33709.D	95.0	96.0	96.0
JA82830-7	3Z33710.D	92.0	91.0	92.0
JA82830-8	3Z33711.D	91.0	87.0	88.0
OP51172-BS1	3Z33559.D	69.0	28.0	33.0
OP51172-MB1	3Z33563.D	100.0	57.0	69.0
OP51172-MS	3Z33677.D	101.0	92.0	93.0
OP51172-MSD	3Z33678.D	102.0	95.0	94.0

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	34-131%
S2 = Tetracosane-d50	15-119%
S3 = 5a-Androstane	11-119%

(a) Recovery from GC signal #1

7.4.1

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New Jersey
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09/01/11

Technical Report for

Shell Oil Products US

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

INC#97436977

Accutest Job Number: JA83875

Sampling Date: 08/16/11

Report to:

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ATTN: Jenna Anthony

Total number of pages in report: **55**

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Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
VP, Laboratory Director

Client Service contact: Marty Vitanza 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

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Sample Summary

Shell Oil Products US

Job No: JA83875

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD
Project No: INC#97436977

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA83875-1	08/16/11	08:00	RB	08/17/11	AQ	Effluent	137675-OFFSITE-EFFLUENT
JA83875-2	08/16/11	08:05	RB	08/17/11	AQ	Ground Water	137675-OFFSITE-MID3
JA83875-3	08/16/11	08:10	RB	08/17/11	AQ	Ground Water	137675-OFFSITE-MID2
JA83875-4	08/16/11	08:15	RB	08/17/11	AQ	Ground Water	137675-OFFSITE-MID1
JA83875-5	08/16/11	08:20	RB	08/17/11	AQ	Influent	137675-OFFSITE-INFLUENT
JA83875-6	08/16/11	10:00	RB	08/17/11	AQ	Effluent	137675-ONSITE-EFFLUENT
JA83875-7	08/16/11	10:05	RB	08/17/11	AQ	Ground Water	137675-ONSITE-MID
JA83875-8	08/16/11	10:10	RB	08/17/11	AQ	Influent	137675-ONSITE-INFLUENT

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Shell Oil Products US	**Job No**	JA83875
Site:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Sprin	**Report Date**	9/1/2011 9:37:08 AM

On 08/17/2011, 8 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 3 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA83875 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** V2B3892

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83637-5MS, JA83637-5MSD were used as the QC samples indicated.

Volatiles by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** GLM2027

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83370-11MS, JA83370-11MSD were used as the QC samples indicated.

Matrix: AQ **Batch ID:** GLM2028

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83546-12MS, JA83546-12MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** OP51362

- All method blanks for this batch meet method specific criteria.
- Sample(s) JA83875-1MS, JA83875-1MSD were used as the QC samples indicated.
- The following samples were extracted outside of holding time for method SW846 8015C: JA83875-3 Re-extracted due to vial cracked on original extract. Originally prep date was within holding time.
- JA83875-3: Re-extracted due to vial cracked on original extract. Originally prep date was within holding time.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

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Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA83875-1	**Date Sampled:**	08/16/11
Matrix:	AQ - Effluent	**Date Received:**	08/17/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86746.D	1	08/26/11	DR	n/a	n/a	V2B3892
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%
17060-07-0	1,2-Dichloroethane-D4	106%		70-127%
2037-26-5	Toluene-D8	97%		79-120%
460-00-4	4-Bromofluorobenzene	97%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA83875-1	**Date Sampled:**	08/16/11
Matrix:	AQ - Effluent	**Date Received:**	08/17/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50599.D	1	08/23/11	RP	n/a	n/a	GLM2028
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	92%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA83875-1	**Date Sampled:**	08/16/11
Matrix:	AQ - Effluent	**Date Received:**	08/17/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ64836.D	1	08/24/11	VDT	08/18/11	OP51362	GZZ2200
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	78%		34-131%
16416-32-3	Tetracosane-d50	81%		15-119%
438-22-2	5a-Androstane	72%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID3		
Lab Sample ID:	JA83875-2	**Date Sampled:**	08/16/11
Matrix:	AQ - Ground Water	**Date Received:**	08/17/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86741.D	1	08/26/11	DR	n/a	n/a	V2B3892
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%
17060-07-0	1,2-Dichloroethane-D4	107%		70-127%
2037-26-5	Toluene-D8	96%		79-120%
460-00-4	4-Bromofluorobenzene	98%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID3		
Lab Sample ID:	JA83875-2	**Date Sampled:**	08/16/11
Matrix:	AQ - Ground Water	**Date Received:**	08/17/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50601.D	1	08/23/11	RP	n/a	n/a	GLM2028
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	93%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID3		
Lab Sample ID:	JA83875-2	**Date Sampled:**	08/16/11
Matrix:	AQ - Ground Water	**Date Received:**	08/17/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z34067.D	1	08/30/11	VDT	08/18/11	OP51362	G3Z1045
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	93%		34-131%
16416-32-3	Tetracosane-d50	90%		15-119%
438-22-2	5a-Androstane	95%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID2		
Lab Sample ID:	JA83875-3	**Date Sampled:**	08/16/11
Matrix:	AQ - Ground Water	**Date Received:**	08/17/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86742.D	1	08/26/11	DR	n/a	n/a	V2B3892
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	87.4	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%
17060-07-0	1,2-Dichloroethane-D4	105%		70-127%
2037-26-5	Toluene-D8	97%		79-120%
460-00-4	4-Bromofluorobenzene	99%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID2		
Lab Sample ID:	JA83875-3	**Date Sampled:**	08/16/11
Matrix:	AQ - Ground Water	**Date Received:**	08/17/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50602.D	1	08/24/11	RP	n/a	n/a	GLM2028
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	93%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID2		
Lab Sample ID:	JA83875-3	**Date Sampled:**	08/16/11
Matrix:	AQ - Ground Water	**Date Received:**	08/17/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	3Z34105.D	1	08/31/11	VDT	08/31/11	OP51362	G3Z1046
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	94%		34-131%
16416-32-3	Tetracosane-d50	88%		15-119%
438-22-2	5a-Androstane	91%		11-119%

(a) Re-extracted due to vial cracked on original extract. Originally prep date was within holding time.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID1		
Lab Sample ID:	JA83875-4	**Date Sampled:**	08/16/11
Matrix:	AQ - Ground Water	**Date Received:**	08/17/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86748.D	1	08/26/11	DR	n/a	n/a	V2B3892
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	32.8	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%
17060-07-0	1,2-Dichloroethane-D4	106%		70-127%
2037-26-5	Toluene-D8	97%		79-120%
460-00-4	4-Bromofluorobenzene	97%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID1		
Lab Sample ID:	JA83875-4	**Date Sampled:**	08/16/11
Matrix:	AQ - Ground Water	**Date Received:**	08/17/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50603.D	1	08/24/11	RP	n/a	n/a	GLM2028
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	93%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID1		
Lab Sample ID:	JA83875-4	**Date Sampled:**	08/16/11
Matrix:	AQ - Ground Water	**Date Received:**	08/17/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z34069.D	1	08/30/11	VDT	08/18/11	OP51362	G3Z1045
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0037	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	65%		34-131%
16416-32-3	Tetracosane-d50	64%		15-119%
438-22-2	5a-Androstane	69%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-INFLUENT		
Lab Sample ID:	JA83875-5	**Date Sampled:**	08/16/11
Matrix:	AQ - Influent	**Date Received:**	08/17/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86749.D	10	08/26/11	DR	n/a	n/a	V2B3892
Run #2	2B86750.D	100	08/26/11	DR	n/a	n/a	V2B3892

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	3.1	10	2.2	ug/l	J
108-88-3	Toluene	ND	10	1.5	ug/l	
100-41-4	Ethylbenzene	ND	10	2.1	ug/l	
1330-20-7	Xylene (total)	ND	10	1.7	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2780 [a]	100	18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	101%	77-120%
17060-07-0	1,2-Dichloroethane-D4	108%	106%	70-127%
2037-26-5	Toluene-D8	96%	97%	79-120%
460-00-4	4-Bromofluorobenzene	98%	98%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-INFLUENT		
Lab Sample ID:	JA83875-5	**Date Sampled:**	08/16/11
Matrix:	AQ - Influent	**Date Received:**	08/17/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50606.D	1	08/24/11	RP	n/a	n/a	GLM2028
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.64	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-INFLUENT		
Lab Sample ID:	JA83875-5	**Date Sampled:**	08/16/11
Matrix:	AQ - Influent	**Date Received:**	08/17/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z34070.D	1	08/30/11	VDT	08/18/11	OP51362	G3Z1045
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	91%		34-131%
16416-32-3	Tetracosane-d50	88%		15-119%
438-22-2	5a-Androstane	92%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA83875-6	**Date Sampled:**	08/16/11
Matrix:	AQ - Effluent	**Date Received:**	08/17/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86747.D	1	08/26/11	DR	n/a	n/a	V2B3892
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		77-120%
17060-07-0	1,2-Dichloroethane-D4	106%		70-127%
2037-26-5	Toluene-D8	96%		79-120%
460-00-4	4-Bromofluorobenzene	99%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA83875-6	**Date Sampled:**	08/16/11
Matrix:	AQ - Effluent	**Date Received:**	08/17/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50600.D	1	08/23/11	RP	n/a	n/a	GLM2028
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	92%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA83875-6	**Date Sampled:**	08/16/11
Matrix:	AQ - Effluent	**Date Received:**	08/17/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z34071.D	1	08/30/11	VDT	08/18/11	OP51362	G3Z1045
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	84%		34-131%
16416-32-3	Tetracosane-d50	82%		15-119%
438-22-2	5a-Androstane	88%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-MID		
Lab Sample ID:	JA83875-7	**Date Sampled:**	08/16/11
Matrix:	AQ - Ground Water	**Date Received:**	08/17/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86751.D	1	08/26/11	DR	n/a	n/a	V2B3892
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%
17060-07-0	1,2-Dichloroethane-D4	109%		70-127%
2037-26-5	Toluene-D8	95%		79-120%
460-00-4	4-Bromofluorobenzene	97%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-MID		
Lab Sample ID:	JA83875-7	**Date Sampled:**	08/16/11
Matrix:	AQ - Ground Water	**Date Received:**	08/17/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50604.D	1	08/24/11	RP	n/a	n/a	GLM2028
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-MID		
Lab Sample ID:	JA83875-7	**Date Sampled:**	08/16/11
Matrix:	AQ - Ground Water	**Date Received:**	08/17/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z34072.D	1	08/30/11	VDT	08/18/11	OP51362	G3Z1045
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0037	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	90%		34-131%
16416-32-3	Tetracosane-d50	85%		15-119%
438-22-2	5a-Androstane	91%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-INFLUENT		
Lab Sample ID:	JA83875-8	**Date Sampled:**	08/16/11
Matrix:	AQ - Influent	**Date Received:**	08/17/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B86752.D	1	08/26/11	DR	n/a	n/a	V2B3892
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	4.5	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		77-120%
17060-07-0	1,2-Dichloroethane-D4	107%		70-127%
2037-26-5	Toluene-D8	97%		79-120%
460-00-4	4-Bromofluorobenzene	98%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-INFLUENT		
Lab Sample ID:	JA83875-8	**Date Sampled:**	08/16/11
Matrix:	AQ - Influent	**Date Received:**	08/17/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM50575.D	1	08/23/11	RP	n/a	n/a	GLM2027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-INFLUENT		
Lab Sample ID:	JA83875-8	**Date Sampled:**	08/16/11
Matrix:	AQ - Influent	**Date Received:**	08/17/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Z34073.D	1	08/30/11	VDT	08/18/11	OP51362	G3Z1045
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0037	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	76%		34-131%
16416-32-3	Tetracosane-d50	71%		15-119%
438-22-2	5a-Androstane	79%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New Jersey

ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Shell Oil Products Chain Of Custody Record JA83875

URS

LAB (LOCATION) GW

- ☐ XENCO ( )
- ☐ Test America ( )
- ☑ OTHER (Accutest) ☑ Lab Vendor # [redacted]
- ☐ SPL ( )

Lab Vendor # 1392517

Please Check Appropriate Box:

☑ ENV. SERVICES	☐ MOTIVA RETAIL	☐ SHELL RETAIL
☐ MOTIVA SD&CM	☐ CONSULTANT	☐ LUBES
☐ SHELL PIPELINE	☐ OTHER	

Print Bill To Contact Name:	INCIDENT # (ENV SERVICES)	☐ CHECK IF NO INCIDENT # APPLIES
Adriane Rogers	97436977 (137675	DATE: 8-16-11
PO #	SAP #	PAGE: 1 of 1
	137675	

SAMPLING COMPANY: URS CORPORATION — LOG CODE:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring — State: MD — GLOBAL ID NO.:

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

EDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers — PHONE NO.: 301-258-9780 — E-MAIL: adriane_rogers@urscorp.com — CONSULTANT PROJECT NO.: 137675

TELEPHONE: 301-258-9780 — FAX: 301-869-8728 — Bill To Contact E-MAIL: adriane_rogers@urscorp.com

SAMPLER NAME(S) (Print): Robert Bow — LAB USE ONLY: J183875

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☑ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1 — Cooler #2 — Cooler #3

SPECIAL INSTRUCTIONS OR NOTES:

- ☑ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED
- ☐ PROVIDE LEDD DISK

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - (8015) GRO	TPH - (8015) DRO	BTEX, MTBE (8260B)	Container PID Readings or Laboratory Notes
1	137675 - Offsite - Effluent		0800	GW	x					7	X	X	X	GE12
2	137675 - Offsite - Mid3		0805	GW	x					7	X	X	X	2299T
3	137675 - Offsite - Mid2		0810	GW	x					7	X	X	X	
4	137675 - Offsite - Mid1		0815	GW	x					7	X	X	X	
5	137675 - Offsite - Influent		0820	GW	x					7	X	X	X	
6	137675 - Onsite - Effluent		1000	GW	x					7	X	X	X	
7	137675 - Onsite - Mid		1005	GW	x					7	X	X	X	
8	137675 - Onsite - Influent		1010	GW	x					7	X	X	X	

FIELD NOTES:

TEMPERATURE ON RECEIPT C°: 3.0, 2.4 °C

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	FedEx 8757-9119 4849	100 0 8-17-11	
FedEx		8-17-11	1000

ALL SAMPLES RECEIVED PRESERVED AS APPLICABLE 8-17-11

05/2/08 Revision

1B

JA83875: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number JA83875 **Client:**

Date / Time Received: 8/17/2011 **Project:**

No. Coolers: 2 **Airbill #'s:** **Delivery Method:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA83875: Chain of Custody
Page 2 of 2

New Jersey

ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3892-MB	2B86736.D	1	08/26/11	DR	n/a	n/a	V2B3892

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83875-1, JA83875-2, JA83875-3, JA83875-4, JA83875-5, JA83875-6, JA83875-7, JA83875-8

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	77-120%
17060-07-0	1,2-Dichloroethane-D4	104%	70-127%
2037-26-5	Toluene-D8	95%	79-120%
460-00-4	4-Bromofluorobenzene	96%	76-118%

Blank Spike Summary

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B3892-BS	2B86737.D	1	08/26/11	DR	n/a	n/a	V2B3892

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83875-1, JA83875-2, JA83875-3, JA83875-4, JA83875-5, JA83875-6, JA83875-7, JA83875-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	49.5	99	76-119
100-41-4	Ethylbenzene	50	49.1	98	77-119
1634-04-4	Methyl Tert Butyl Ether	100	103	103	72-125
108-88-3	Toluene	50	48.8	98	77-122
1330-20-7	Xylene (total)	150	149	99	78-121

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	77-120%
17060-07-0	1,2-Dichloroethane-D4	105%	70-127%
2037-26-5	Toluene-D8	97%	79-120%
460-00-4	4-Bromofluorobenzene	99%	76-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83637-5MS	2B86743.D	1	08/26/11	DR	n/a	n/a	V2B3892
JA83637-5MSD	2B86744.D	1	08/26/11	DR	n/a	n/a	V2B3892
JA83637-5	2B86739.D	1	08/26/11	DR	n/a	n/a	V2B3892

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA83875-1, JA83875-2, JA83875-3, JA83875-4, JA83875-5, JA83875-6, JA83875-7, JA83875-8

CAS No.	Compound	JA83637-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		50	43.3	87	43.9	88	1	40-139/12
100-41-4	Ethylbenzene	ND		50	42.3	85	42.7	85	1	40-140/12
1634-04-4	Methyl Tert Butyl Ether	ND		50	48.7	97	49.1	98	1	54-136/12
108-88-3	Toluene	ND		50	42.9	86	43.0	86	0	47-140/12
1330-20-7	Xylene (total)	0.33	J	150	129	86	131	87	2	42-140/12

CAS No.	Surrogate Recoveries	MS	MSD	JA83637-5	Limits
1868-53-7	Dibromofluoromethane	102%	102%	102%	77-120%
17060-07-0	1,2-Dichloroethane-D4	104%	105%	105%	70-127%
2037-26-5	Toluene-D8	98%	97%	96%	79-120%
460-00-4	4-Bromofluorobenzene	99%	99%	97%	76-118%

Instrument Performance Check (BFB)

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2B3801-BFB
Lab File ID: 2B84738.D
Instrument ID: GCMS2B
Injection Date: 06/30/11
Injection Time: 11:58

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	17427	17.3		Pass
75	30.0 - 60.0% of mass 95	45242	44.8		Pass
95	Base peak, 100% relative abundance	100984	100.0		Pass
96	5.0 - 9.0% of mass 95	6808	6.74		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	101698	100.7		Pass
175	5.0 - 9.0% of mass 174	8066	7.99	(7.93) [a]	Pass
176	95.0 - 101.0% of mass 174	99325	98.4	(97.7) [a]	Pass
177	5.0 - 9.0% of mass 176	6739	6.67	(6.78) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2B3801-IC3801	2B84739.D	06/30/11	12:33	00:35	Initial cal 0.5
V2B3801-IC3801	2B84740.D	06/30/11	13:04	01:06	Initial cal 1
V2B3801-IC3801	2B84741.D	06/30/11	13:35	01:37	Initial cal 2
V2B3801-IC3801	2B84743.D	06/30/11	14:37	02:39	Initial cal 10
V2B3801-IC3801	2B84744.D	06/30/11	15:09	03:11	Initial cal 20
V2B3801-ICC3801	2B84745.D	06/30/11	15:40	03:42	Initial cal 50
V2B3801-IC3801	2B84747.D	06/30/11	16:42	04:44	Initial cal 100
V2B3801-IC3801	2B84748.D	06/30/11	17:13	05:15	Initial cal 200
V2B3801-IC3801	2B84751.D	06/30/11	18:47	06:49	Initial cal 5

Instrument Performance Check (BFB)

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2B3892-BFB
Lab File ID: 2B86733.D
Instrument ID: GCMS2B
Injection Date: 08/26/11
Injection Time: 09:47

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	20361	16.0		Pass
75	30.0 - 60.0% of mass 95	55168	43.4		Pass
95	Base peak, 100% relative abundance	127010	100.0		Pass
96	5.0 - 9.0% of mass 95	8072	6.36		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 150.0% of mass 95	131333	103.4		Pass
175	5.0 - 9.0% of mass 174	9725	7.66	(7.40) [a]	Pass
176	95.0 - 101.0% of mass 174	128565	101.2	(97.9) [a]	Pass
177	5.0 - 9.0% of mass 176	8204	6.46	(6.38) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2B3892-CC3801	2B86734.D	08/26/11	10:24	00:37	Continuing cal 20
V2B3892-MB	2B86736.D	08/26/11	11:37	01:50	Method Blank
V2B3892-BS	2B86737.D	08/26/11	12:08	02:21	Blank Spike
JA83637-5	2B86739.D	08/26/11	13:24	03:37	(used for QC only; not part of job JA83875)
ZZZZZZ	2B86740.D	08/26/11	13:55	04:08	(unrelated sample)
JA83875-2	2B86741.D	08/26/11	14:26	04:39	137675-OFFSITE-MID3
JA83875-3	2B86742.D	08/26/11	14:57	05:10	137675-OFFSITE-MID2
JA83637-5MS	2B86743.D	08/26/11	15:28	05:41	Matrix Spike
JA83637-5MSD	2B86744.D	08/26/11	16:00	06:13	Matrix Spike Duplicate
JA83875-1	2B86746.D	08/26/11	17:02	07:15	137675-OFFSITE-EFFLUENT
JA83875-6	2B86747.D	08/26/11	17:34	07:47	137675-ONSITE-EFFLUENT
JA83875-4	2B86748.D	08/26/11	18:05	08:18	137675-OFFSITE-MID1
JA83875-5	2B86749.D	08/26/11	18:36	08:49	137675-OFFSITE-INFLUENT
JA83875-5	2B86750.D	08/26/11	19:07	09:20	137675-OFFSITE-INFLUENT
JA83875-7	2B86751.D	08/26/11	19:39	09:52	137675-ONSITE-MID
JA83875-8	2B86752.D	08/26/11	20:10	10:23	137675-ONSITE-INFLUENT
ZZZZZZ	2B86753.D	08/26/11	20:41	10:54	(unrelated sample)
ZZZZZZ	2B86754.D	08/26/11	21:12	11:25	(unrelated sample)
V2B3893-CC3801	2B86756.D	08/26/11	22:09	12:22	Continuing cal 50
V2B3893-MB	2B86758.D	08/26/11	23:11	13:24	Method Blank
V2B3893-BS	2B86759.D	08/26/11	23:43	13:56	Blank Spike
JA84247-9MS	2B86760.D	08/27/11	00:14	14:27	Matrix Spike
JA84247-9MSD	2B86761.D	08/27/11	00:45	14:58	Matrix Spike Duplicate
ZZZZZZ	2B86763.D	08/27/11	01:47	16:00	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V2B3892-BFB
Lab File ID: 2B86733.D
Instrument ID: GCMS2B
Injection Date: 08/26/11
Injection Time: 09:47

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
JA84247-9	2B86764.D	08/27/11	02:19	16:32	(used for QC only; not part of job JA83875)
ZZZZZZ	2B86765.D	08/27/11	02:50	17:03	(unrelated sample)
ZZZZZZ	2B86766.D	08/27/11	03:21	17:34	(unrelated sample)
ZZZZZZ	2B86767.D	08/27/11	03:52	18:05	(unrelated sample)
ZZZZZZ	2B86768.D	08/27/11	04:23	18:36	(unrelated sample)
ZZZZZZ	2B86769.D	08/27/11	04:55	19:08	(unrelated sample)
ZZZZZZ	2B86770.D	08/27/11	05:26	19:39	(unrelated sample)
ZZZZZZ	2B86771.D	08/27/11	05:58	20:11	(unrelated sample)
ZZZZZZ	2B86772.D	08/27/11	06:29	20:42	(unrelated sample)
ZZZZZZ	2B86773.D	08/27/11	07:01	21:14	(unrelated sample)
ZZZZZZ	2B86774.D	08/27/11	07:32	21:45	(unrelated sample)

Volatile Surrogate Recovery Summary

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JA83875-1	2B86746.D	102.0	106.0	97.0	97.0
JA83875-2	2B86741.D	102.0	107.0	96.0	98.0
JA83875-3	2B86742.D	102.0	105.0	97.0	99.0
JA83875-4	2B86748.D	102.0	106.0	97.0	97.0
JA83875-5	2B86750.D	101.0	106.0	97.0	98.0
JA83875-5	2B86749.D	101.0	108.0	96.0	98.0
JA83875-6	2B86747.D	101.0	106.0	96.0	99.0
JA83875-7	2B86751.D	102.0	109.0	95.0	97.0
JA83875-8	2B86752.D	101.0	107.0	97.0	98.0
JA83637-5MS	2B86743.D	102.0	104.0	98.0	99.0
JA83637-5MSD	2B86744.D	102.0	105.0	97.0	99.0
V2B3892-BS	2B86737.D	103.0	105.0	97.0	99.0
V2B3892-MB	2B86736.D	100.0	104.0	95.0	96.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	77-120%
S2 = 1,2-Dichloroethane-D4	70-127%
S3 = Toluene-D8	79-120%
S4 = 4-Bromofluorobenzene	76-118%

New Jersey

ACCUTEST LABORATORIES

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2027-MB3	LM50566.D	1	08/22/11	RP	n/a	n/a	GLM2027

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83875-8

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	93%	68-114%

Method Blank Summary

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2028-MB3	LM50598.D	1	08/23/11	RP	n/a	n/a	GLM2028

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83875-1, JA83875-2, JA83875-3, JA83875-4, JA83875-5, JA83875-6, JA83875-7

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	93%	68-114%

Method Blank Summary

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2027-MB1	LM50548.D	1	08/22/11	RP	n/a	n/a	GLM2027

The QC reported here applies to the following samples: **Method:** SW846 8015C

GLM2027-BS, JA83370-11MS, JA83370-11MSD

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	94%	68-114%

Method Blank Summary

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2028-MB1	LM50580.D	1	08/23/11	RP	n/a	n/a	GLM2028

The QC reported here applies to the following samples: **Method:** SW846 8015C

GLM2028-BS, JA83546-12MS, JA83546-12MSD

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	93%	68-114%

Blank Spike Summary

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2027-BS	LM50553.D	1	08/22/11	RP	n/a	n/a	GLM2027

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83875-8

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	7.66	96	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	101%	68-114%

Blank Spike Summary

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM2028-BS	LM50585.D	1	08/23/11	RP	n/a	n/a	GLM2028

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83875-1, JA83875-2, JA83875-3, JA83875-4, JA83875-5, JA83875-6, JA83875-7

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	7.68	96	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	103%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83370-11MS	LM50551.D	1	08/22/11	RP	n/a	n/a	GLM2027
JA83370-11MSD	LM50552.D	1	08/22/11	RP	n/a	n/a	GLM2027
JA83370-11	LM50549.D	1	08/22/11	RP	n/a	n/a	GLM2027

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83875-8

CAS No.	Compound	JA83370-11 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		8	7.72	97	7.36	92	5	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA83370-11	Limits
98-08-8	aaa-Trifluorotoluene	101%	101%	94%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA83546-12MS	LM50583.D	1	08/23/11	RP	n/a	n/a	GLM2028
JA83546-12MSD	LM50584.D	1	08/23/11	RP	n/a	n/a	GLM2028
JA83546-12	LM50582.D	1	08/23/11	RP	n/a	n/a	GLM2028

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83875-1, JA83875-2, JA83875-3, JA83875-4, JA83875-5, JA83875-6, JA83875-7

CAS No.	Compound	JA83546-12 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	1.22		8	8.87	96	8.31	89	7	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA83546-12	Limits
98-08-8	aaa-Trifluorotoluene	101%	102%	96%	68-114%

6.3.2

6

Volatile Surrogate Recovery Summary

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
JA83875-1	LM50599.D	92.0
JA83875-2	LM50601.D	93.0
JA83875-3	LM50602.D	93.0
JA83875-4	LM50603.D	93.0
JA83875-5	LM50606.D	94.0
JA83875-6	LM50600.D	92.0
JA83875-7	LM50604.D	94.0
JA83875-8	LM50575.D	94.0
GLM2027-BS	LM50553.D	101.0
GLM2027-MB3	LM50566.D	93.0
GLM2028-BS	LM50585.D	103.0
GLM2028-MB3	LM50598.D	93.0
JA83370-11MS	LM50551.D	101.0
JA83370-11MSD	LM50552.D	101.0
JA83546-12MS	LM50583.D	101.0
JA83546-12MSD	LM50584.D	102.0
GLM2027-MB1	LM50548.D	94.0
GLM2028-MB1	LM50580.D	93.0

Surrogate Compounds	Recovery Limits
S1 = aaa-Trifluorotoluene	68-114%

(a) Recovery from GC signal #1

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GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51362-MB1	3Z33696.D	1	08/19/11	VDT	08/18/11	OP51362	G3Z1037

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83875-1, JA83875-2, JA83875-3, JA83875-4, JA83875-5, JA83875-6, JA83875-7, JA83875-8

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	92%	34-131%
16416-32-3	Tetracosane-d50	79%	15-119%
438-22-2	5a-Androstane	81%	11-119%

Blank Spike Summary

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51362-BS1	ZZ64695.D	1	08/18/11	OPM	08/18/11	OP51362	GZZ2195

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83875-1, JA83875-2, JA83875-3, JA83875-4, JA83875-5, JA83875-6, JA83875-7, JA83875-8

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-DRO (C10-C28)	1	0.444	44	36-118

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	62%	34-131%
16416-32-3	Tetracosane-d50	59%	15-119%
438-22-2	5a-Androstane	52%	11-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51362-MS	ZZ64834.D	1	08/24/11	VDT	08/18/11	OP51362	GZZ2200
OP51362-MSD	ZZ64835.D	1	08/24/11	VDT	08/18/11	OP51362	GZZ2200
JA83875-1	ZZ64836.D	1	08/24/11	VDT	08/18/11	OP51362	GZZ2200

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA83875-1, JA83875-2, JA83875-3, JA83875-4, JA83875-5, JA83875-6, JA83875-7, JA83875-8

CAS No.	Compound	JA83875-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	ND		2.11	1.67	79	1.82	86	9	10-132/38

CAS No.	Surrogate Recoveries	MS	MSD	JA83875-1	Limits
84-15-1	o-Terphenyl	78%	83%	78%	34-131%
16416-32-3	Tetracosane-d50	80%	86%	81%	15-119%
438-22-2	5a-Androstane	74%	79%	72%	11-119%

Semivolatile Surrogate Recovery Summary

Job Number: JA83875
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S2 [a]	S3 [a]
JA83875-1	ZZ64836.D	78.0	81.0	72.0
JA83875-2	3Z34067.D	93.0	90.0	95.0
JA83875-3	3Z34105.D	94.0	88.0	91.0
JA83875-4	3Z34069.D	65.0	64.0	69.0
JA83875-5	3Z34070.D	91.0	88.0	92.0
JA83875-6	3Z34071.D	84.0	82.0	88.0
JA83875-7	3Z34072.D	90.0	85.0	91.0
JA83875-8	3Z34073.D	76.0	71.0	79.0
OP51362-BS1	ZZ64695.D	62.0	59.0	52.0
OP51362-MB1	3Z33696.D	92.0	79.0	81.0
OP51362-MS	ZZ64834.D	78.0	80.0	74.0
OP51362-MSD	ZZ64835.D	83.0	86.0	79.0

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	34-131%
S2 = Tetracosane-d50	15-119%
S3 = 5a-Androstane	11-119%

(a) Recovery from GC signal #1

New Jersey
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10/03/11

Technical Report for

Shell Oil Products US

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

INC#97436977

Accutest Job Number: JA86523

Sampling Date: 09/16/11

Report to:

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Germantown, MD 20876
jenna_anthony@urscorp.com; adriane_rogers@urscorp.com

ATTN: Jenna Anthony

Total number of pages in report: **40**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
VP, Laboratory Director

Client Service contact: Marty Vitanza 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

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Sample Summary

Shell Oil Products US

Job No: JA86523

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD
Project No: INC#97436977

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA86523-1	09/16/11	12:00	RS	09/17/11	AQ	Effluent	137675-ONSITE-EFFLUENT
JA86523-2	09/16/11	12:06	RS	09/17/11	AQ	Ground Water	137675-ONSITE-MID
JA86523-3	09/16/11	12:10	RS	09/17/11	AQ	Influent	137675-ONSITE-INFLUENT

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Shell Oil Products US	**Job No**	JA86523
Site:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Sprin	**Report Date**	10/3/2011 10:54:05 A

On 09/17/2011, 3 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 3.1 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA86523 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** V3D2794

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA86125-2MS, JA86125-2MSD were used as the QC samples indicated.

Matrix: AQ **Batch ID:** VS6174

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA86125-15MS, JA86125-15MSD were used as the QC samples indicated.
- RPD(s) for MSD for Methyl Tert Butyl Ether, Toluene are outside control limits for sample JA86125-15MSD. Probable cause due to sample homogeneity.
- JA86125-15MSD for Methyl Tert Butyl Ether: Outside control limits due to matrix interference.
- JA86125-15MSD for Toluene: Outside control limits due to matrix interference.

Volatiles by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** GPF2524

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA86523-3MS, JA86523-3MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GC By Method SW846 8015C

Matrix: AQ **Batch ID:** OP51995

- All samples were extracted within the recommended method holding time.
- Sample(s) JA86450-1MS, JA86450-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Duplicate Recovery(s) for TPH-DRO (C10-C28) are outside control limits. Probable cause due to matrix interference.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

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Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA86523-1	**Date Sampled:**	09/16/11
Matrix:	AQ - Effluent	**Date Received:**	09/17/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3D64845.D	1	09/27/11	NT	n/a	n/a	V3D2794
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		77-120%
17060-07-0	1,2-Dichloroethane-D4	108%		70-127%
2037-26-5	Toluene-D8	102%		79-120%
460-00-4	4-Bromofluorobenzene	98%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA86523-1	**Date Sampled:**	09/16/11
Matrix:	AQ - Effluent	**Date Received:**	09/17/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PF92525.D	1	09/27/11	RP	n/a	n/a	GPF2524
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	84%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA86523-1	**Date Sampled:**	09/16/11
Matrix:	AQ - Effluent	**Date Received:**	09/17/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ65652.D	1	09/26/11	HQ	09/20/11	OP51995	GZZ2230
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	94%		34-131%
16416-32-3	Tetracosane-d50	92%		15-119%
438-22-2	5a-Androstane	83%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-MID		
Lab Sample ID:	JA86523-2	**Date Sampled:**	09/16/11
Matrix:	AQ - Ground Water	**Date Received:**	09/17/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3D64846.D	1	09/27/11	NT	n/a	n/a	V3D2794
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		77-120%
17060-07-0	1,2-Dichloroethane-D4	109%		70-127%
2037-26-5	Toluene-D8	103%		79-120%
460-00-4	4-Bromofluorobenzene	96%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-MID		
Lab Sample ID:	JA86523-2	**Date Sampled:**	09/16/11
Matrix:	AQ - Ground Water	**Date Received:**	09/17/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PF92526.D	1	09/27/11	RP	n/a	n/a	GPF2524
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	83%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-MID		
Lab Sample ID:	JA86523-2	**Date Sampled:**	09/16/11
Matrix:	AQ - Ground Water	**Date Received:**	09/17/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ65653.D	1	09/26/11	HQ	09/20/11	OP51995	GZZ2230
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	94%		34-131%
16416-32-3	Tetracosane-d50	93%		15-119%
438-22-2	5a-Androstane	83%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-INFLUENT		
Lab Sample ID:	JA86523-3	**Date Sampled:**	09/16/11
Matrix:	AQ - Influent	**Date Received:**	09/17/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S150319.D	1	09/27/11	NT	n/a	n/a	VS6174
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	4.1	1.0	0.22	ug/l	
108-88-3	Toluene	0.44	1.0	0.15	ug/l	J
100-41-4	Ethylbenzene	2.0	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	8.2	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	4.0	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		77-120%
17060-07-0	1,2-Dichloroethane-D4	89%		70-127%
2037-26-5	Toluene-D8	104%		79-120%
460-00-4	4-Bromofluorobenzene	101%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-INFLUENT		
Lab Sample ID:	JA86523-3	**Date Sampled:**	09/16/11
Matrix:	AQ - Influent	**Date Received:**	09/17/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PF92527.D	1	09/27/11	RP	n/a	n/a	GPF2524
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	84%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-INFLUENT		
Lab Sample ID:	JA86523-3	**Date Sampled:**	09/16/11
Matrix:	AQ - Influent	**Date Received:**	09/17/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ65654.D	1	09/26/11	HQ	09/20/11	OP51995	GZZ2230
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		34-131%
16416-32-3	Tetracosane-d50	70%		15-119%
438-22-2	5a-Androstane	63%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New Jersey

ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

GW EFF

JA86523

Shell Oil Products Chain Of Custody Record

URS

LAB (LOCATION)
- [ ] XENCO ( )
- [ ] Test America ( )
- [x] OTHER (Accutest) [x] Lab Vendor # ( )
- [ ] SPL ( )

Lab Vendor # 1392517

Please Check Appropriate Box:
- [x] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [ ] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER

Print Bill To Contact Name: Adriane Rogers

PO #

INCIDENT # (ENV SERVICES): 97436977 (137675

SAP # 137675

[ ] CHECK IF NO INCIDENT # APPLIES

DATE: 9-16-11

PAGE: 1 of 1

SAMPLING COMPANY: URS CORPORATION

LOG CODE:

ADDRESS: 200 ORCHARD RIDGE DRIVE, SUITE 100, GAITHERSBURG, MD 20878

PROJECT CONTACT (Hardcopy or PDF Report to): See Dropdown

TELEPHONE: 301-258-9780

FAX: 301-869-8728

Bill To Contact E-MAIL: adriane_rogers@urscorp.com

SITE ADDRESS: Street and City: 15541 New Hampshire Avenue, Silver Spring

State: MD

GLOBAL ID NO.:

EDF DELIVERABLE TO (Name, Company, Office Location): Adriane Rogers

PHONE NO.: 301-258-9780

E-MAIL: adriane_rogers@urscorp.com

CONSULTANT PROJECT NO.: 137675

SAMPLER NAME(S) (Print): Roderick Sample

LAB WORK ORDER #:

TURNAROUND TIME (CALENDAR DAYS):
- [x] STANDARD (14 DAY)
- [ ] 5 DAYS
- [ ] 3 DAYS
- [ ] 2 DAYS
- [ ] 24 HOURS
- [ ] RESULTS NEEDED ON WEEKEND

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY:

DELIVERABLES: [ ] LEVEL 1 [x] LEVEL 2 [ ] LEVEL 3 [ ] LEVEL 4 [ ] OTHER (SPECIFY)

TEMPERATURE ON RECEIPT C°: Cooler #1 | Cooler #2 | Cooler #3

SPECIAL INSTRUCTIONS OR NOTES:
- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED
- [ ] PROVIDE LEDD DISK

REQUESTED ANALYSIS

FIELD NOTES:

TEMPERATURE ON RECEIPT C°

Container PID Readings or Laboratory Notes: 2004 EX17

Lab Use Only	Field Sample Identification	Sampling Date	Sampling Time	Matrix	HCL	HNO3	H2SO4	NONE	OTHER	No. of Cont.	TPH - (8015) GRO	TPH - (8015) DRO	BTEX, MTBE (8260B)
	137675 - Offsite - Effluent	9-16-11	N/A	GW	x					7	x	x	x
	137675 - Offsite - Mid3		N/A	GW	x					7	x	x	x
	137675 - Offsite - Mid2		N/A	GW	x					7	x	x	x
	137675 - Offsite - Mid1		N/A	GW	x					7	x	x	x
	137675 - Offsite - Influent		N/A	GW	x					7	x	x	x
	137675 - Onsite - Effluent -1		12:00	GW	x					7	x	x	x
	137675 - Onsite - Mid -2		12:06	GW	x					7	x	x	x
	137675 - Onsite - Influent -3	9-16-11	12:10	GW	x					7	x	x	x

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	FEDEX	9/17	
FEDEX		9/17/11	0930

05/2/08 Revision

ALL SAMPLES RECEIVED PRESERVED AS APPLICABLE (AB)

RB

HG

3.1°cp

JA86523: Chain of Custody
Page 1 of 2

4.1
4

Accutest Laboratories Sample Receipt Summary

Accutest Job Number JA86523 **Client:**

Date / Time Received: 9/17/2011 **Project:**

No. Coolers: 1 **Airbill #'s:** **Delivery Method:**

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	

Quality Control Preservatio	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA86523: Chain of Custody
Page 2 of 2

New Jersey
ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA86523
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3D2794-MB1	3D64834.D	1	09/27/11	NT	n/a	n/a	V3D2794

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA86523-1, JA86523-2

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	114%	77-120%
17060-07-0	1,2-Dichloroethane-D4	107%	70-127%
2037-26-5	Toluene-D8	103%	79-120%
460-00-4	4-Bromofluorobenzene	99%	76-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JA86523
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VS6174-MB1	S150314.D	1	09/27/11	NT	n/a	n/a	VS6174

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA86523-3

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	77-120%
17060-07-0	1,2-Dichloroethane-D4	93%	70-127%
2037-26-5	Toluene-D8	106%	79-120%
460-00-4	4-Bromofluorobenzene	103%	76-118%

Blank Spike Summary

Job Number: JA86523
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3D2794-BS	3D64835.D	1	09/27/11	NT	n/a	n/a	V3D2794

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA86523-1, JA86523-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	50.5	101	76-119
100-41-4	Ethylbenzene	50	53.5	107	77-119
1634-04-4	Methyl Tert Butyl Ether	100	107	107	72-125
108-88-3	Toluene	50	51.9	104	77-122
1330-20-7	Xylene (total)	150	165	110	78-121

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	111%	77-120%
17060-07-0	1,2-Dichloroethane-D4	111%	70-127%
2037-26-5	Toluene-D8	106%	79-120%
460-00-4	4-Bromofluorobenzene	98%	76-118%

Blank Spike Summary

Job Number: JA86523
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VS6174-BS	S150315.D	1	09/27/11	NT	n/a	n/a	VS6174

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA86523-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	51.8	104	76-119
100-41-4	Ethylbenzene	50	53.2	106	77-119
1634-04-4	Methyl Tert Butyl Ether	100	104	104	72-125
108-88-3	Toluene	50	56.1	112	77-122
1330-20-7	Xylene (total)	150	157	105	78-121

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	77-120%
17060-07-0	1,2-Dichloroethane-D4	100%	70-127%
2037-26-5	Toluene-D8	104%	79-120%
460-00-4	4-Bromofluorobenzene	111%	76-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA86523
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA86125-15MS	S150320.D	1	09/27/11	NT	n/a	n/a	VS6174
JA86125-15MSD	S150321.D	1	09/27/11	NT	n/a	n/a	VS6174
JA86125-15	S150318.D	1	09/27/11	NT	n/a	n/a	VS6174

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA86523-3

CAS No.	Compound	JA86125-15 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		50	53.5	107	47.3	95	12	40-139/12
100-41-4	Ethylbenzene	ND		50	52.3	105	46.4	93	12	40-140/12
1634-04-4	Methyl Tert Butyl Ether	ND		50	60.9	122	51.5	103	17* [a]	54-136/12
108-88-3	Toluene	ND		50	58.6	117	51.7	103	13* [a]	47-140/12
1330-20-7	Xylene (total)	ND		150	151	101	135	90	11	42-140/12

CAS No.	Surrogate Recoveries	MS	MSD	JA86125-15	Limits
1868-53-7	Dibromofluoromethane	101%	98%	98%	77-120%
17060-07-0	1,2-Dichloroethane-D4	98%	97%	89%	70-127%
2037-26-5	Toluene-D8	107%	105%	104%	79-120%
460-00-4	4-Bromofluorobenzene	102%	104%	104%	76-118%

(a) Outside control limits due to matrix interference.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA86523
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA86125-2MS	3D64849.D	1	09/27/11	NT	n/a	n/a	V3D2794
JA86125-2MSD	3D64850.D	1	09/27/11	NT	n/a	n/a	V3D2794
JA86125-2	3D64840.D	1	09/27/11	NT	n/a	n/a	V3D2794

The QC reported here applies to the following samples: **Method:** SW846 8260B

JA86523-1, JA86523-2

CAS No.	Compound	JA86125-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		50	47.8	96	49.0	98	2	40-139/12
100-41-4	Ethylbenzene	ND		50	49.3	99	50.6	101	3	40-140/12
1634-04-4	Methyl Tert Butyl Ether	ND		50	51.5	103	56.1	112	9	54-136/12
108-88-3	Toluene	ND		50	48.4	97	49.7	99	3	47-140/12
1330-20-7	Xylene (total)	ND		150	151	101	156	104	3	42-140/12

CAS No.	Surrogate Recoveries	MS	MSD	JA86125-2	Limits
1868-53-7	Dibromofluoromethane	111%	111%	110%	77-120%
17060-07-0	1,2-Dichloroethane-D4	109%	108%	102%	70-127%
2037-26-5	Toluene-D8	104%	104%	99%	79-120%
460-00-4	4-Bromofluorobenzene	97%	97%	96%	76-118%

Instrument Performance Check (BFB)

Job Number: JA86523
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V3D2641-BFB
Lab File ID: 3D61104.D
Instrument ID: GCMS3D
Injection Date: 06/24/11
Injection Time: 10:27

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	8983	17.3		Pass
75	30.0 - 60.0% of mass 95	22685	43.7		Pass
95	Base peak, 100% relative abundance	51941	100.0		Pass
96	5.0 - 9.0% of mass 95	3516	6.77		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	49509	95.3		Pass
175	5.0 - 9.0% of mass 174	3915	7.54	(7.91) [a]	Pass
176	95.0 - 101.0% of mass 174	49248	94.8	(99.5) [a]	Pass
177	5.0 - 9.0% of mass 176	3304	6.36	(6.71) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3D2641-IC2641	3D61107.D	06/24/11	12:04	01:37	Initial cal 10
V3D2641-IC2641	3D61108.D	06/24/11	12:41	02:14	Initial cal 5
V3D2641-IC2641	3D61109.D	06/24/11	13:09	02:42	Initial cal 2
V3D2641-IC2641	3D61110.D	06/24/11	13:43	03:16	Initial cal 1
V3D2641-IC2641	3D61111.D	06/24/11	14:15	03:48	Initial cal 0.5
V3D2641-IC2641	3D61112.D	06/24/11	14:44	04:17	Initial cal 20
V3D2641-ICC2641	3D61113.D	06/24/11	15:12	04:45	Initial cal 50
V3D2641-IC2641	3D61115.D	06/24/11	16:08	05:41	Initial cal 100
V3D2641-IC2641	3D61116.D	06/24/11	16:36	06:09	Initial cal 200
V3D2641-ICV2641	3D61118A.D	06/24/11	18:29	08:02	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JA86523
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: V3D2794-BFB
Lab File ID: 3D64831.D
Instrument ID: GCMS3D
Injection Date: 09/27/11
Injection Time: 09:05

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	10658	17.5		Pass
75	30.0 - 60.0% of mass 95	28219	46.2		Pass
95	Base peak, 100% relative abundance	61059	100.0		Pass
96	5.0 - 9.0% of mass 95	4173	6.83		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	60661	99.3		Pass
175	5.0 - 9.0% of mass 174	4639	7.60	(7.65) [a]	Pass
176	95.0 - 101.0% of mass 174	59469	97.4	(98.0) [a]	Pass
177	5.0 - 9.0% of mass 176	3745	6.13	(6.30) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3D2794-CC2641	3D64832.D	09/27/11	09:35	00:30	Continuing cal 20
V3D2794-MB1	3D64834.D	09/27/11	10:38	01:33	Method Blank
V3D2794-BS	3D64835.D	09/27/11	11:17	02:12	Blank Spike
ZZZZZZ	3D64837.D	09/27/11	12:13	03:08	(unrelated sample)
ZZZZZZ	3D64838.D	09/27/11	12:41	03:36	(unrelated sample)
ZZZZZZ	3D64839.D	09/27/11	13:09	04:04	(unrelated sample)
JA86125-2	3D64840.D	09/27/11	13:37	04:32	(used for QC only; not part of job JA86523)
ZZZZZZ	3D64841.D	09/27/11	14:05	05:00	(unrelated sample)
ZZZZZZ	3D64842.D	09/27/11	14:33	05:28	(unrelated sample)
ZZZZZZ	3D64844.D	09/27/11	15:29	06:24	(unrelated sample)
JA86523-1	3D64845.D	09/27/11	15:56	06:51	137675-ONSITE-EFFLUENT
JA86523-2	3D64846.D	09/27/11	16:24	07:19	137675-ONSITE-MID
ZZZZZZ	3D64847.D	09/27/11	16:52	07:47	(unrelated sample)
ZZZZZZ	3D64848.D	09/27/11	17:20	08:15	(unrelated sample)
JA86125-2MS	3D64849.D	09/27/11	17:48	08:43	Matrix Spike
JA86125-2MSD	3D64850.D	09/27/11	18:16	09:11	Matrix Spike Duplicate
ZZZZZZ	3D64852.D	09/27/11	19:12	10:07	(unrelated sample)
ZZZZZZ	3D64853.D	09/27/11	19:40	10:35	(unrelated sample)
ZZZZZZ	3D64854.D	09/27/11	20:07	11:02	(unrelated sample)
ZZZZZZ	3D64855.D	09/27/11	20:35	11:30	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA86523
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: VS6055-BFB
Lab File ID: S147313.D
Instrument ID: GCMSS
Injection Date: 07/08/11
Injection Time: 00:53

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	5687	18.5		Pass
75	30.0 - 60.0% of mass 95	14378	46.7		Pass
95	Base peak, 100% relative abundance	30821	100.0		Pass
96	5.0 - 9.0% of mass 95	2111	6.85		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	26125	84.8		Pass
175	5.0 - 9.0% of mass 174	2188	7.10	(8.38) [a]	Pass
176	95.0 - 101.0% of mass 174	25533	82.8	(97.7) [a]	Pass
177	5.0 - 9.0% of mass 176	1735	5.63	(6.80) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VS6055-IC6055	S147314.D	07/08/11	01:14	00:21	Initial cal 0.5
VS6055-IC6055	S147315.D	07/08/11	01:36	00:43	Initial cal 1
VS6055-IC6055	S147316.D	07/08/11	01:57	01:04	Initial cal 2
VS6055-IC6055	S147317.D	07/08/11	02:19	01:26	Initial cal 5
VS6055-IC6055	S147318.D	07/08/11	02:40	01:47	Initial cal 20
VS6055-ICC6055	S147319.D	07/08/11	03:01	02:08	Initial cal 50
VS6055-ICV6055	S147320.D	07/08/11	03:23	02:30	Initial cal verification 50
VS6055-IC6055	S147321.D	07/08/11	03:44	02:51	Initial cal 100
VS6055-IC6055	S147322.D	07/08/11	04:05	03:12	Initial cal 200

Instrument Performance Check (BFB)

Job Number: JA86523
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample: VS6174-BFB
Lab File ID: S150311.D
Instrument ID: GCMSS
Injection Date: 09/27/11
Injection Time: 12:52

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	6749	16.0		Pass
75	30.0 - 60.0% of mass 95	20027	47.6		Pass
95	Base peak, 100% relative abundance	42072	100.0		Pass
96	5.0 - 9.0% of mass 95	2934	6.97		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	39968	95.0		Pass
175	5.0 - 9.0% of mass 174	3101	7.37	(7.76) [a]	Pass
176	95.0 - 101.0% of mass 174	39277	93.4	(98.3) [a]	Pass
177	5.0 - 9.0% of mass 176	2556	6.08	(6.51) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VS6174-CC6055	S150312.D	09/27/11	13:13	00:21	Continuing cal 20
VS6174-MB1	S150314.D	09/27/11	14:05	01:13	Method Blank
VS6174-BS	S150315.D	09/27/11	14:27	01:35	Blank Spike
ZZZZZZ	S150316.D	09/27/11	15:01	02:09	(unrelated sample)
ZZZZZZ	S150317.D	09/27/11	15:22	02:30	(unrelated sample)
JA86125-15	S150318.D	09/27/11	15:43	02:51	(used for QC only; not part of job JA86523)
JA86523-3	S150319.D	09/27/11	16:05	03:13	137675-ONSITE-INFLUENT
JA86125-15MS	S150320.D	09/27/11	16:43	03:51	Matrix Spike
JA86125-15MSD	S150321.D	09/27/11	17:05	04:13	Matrix Spike Duplicate
ZZZZZZ	S150323.D	09/27/11	17:48	04:56	(unrelated sample)
ZZZZZZ	S150324.D	09/27/11	18:19	05:27	(unrelated sample)
ZZZZZZ	S150325.D	09/27/11	18:41	05:49	(unrelated sample)
ZZZZZZ	S150326.D	09/27/11	19:02	06:10	(unrelated sample)
ZZZZZZ	S150327.D	09/27/11	19:24	06:32	(unrelated sample)
ZZZZZZ	S150328.D	09/27/11	19:45	06:53	(unrelated sample)
ZZZZZZ	S150329.D	09/27/11	20:06	07:14	(unrelated sample)
ZZZZZZ	S150330.D	09/27/11	20:28	07:36	(unrelated sample)
ZZZZZZ	S150331.D	09/27/11	20:49	07:57	(unrelated sample)
ZZZZZZ	S150333.D	09/27/11	21:32	08:40	(unrelated sample)
ZZZZZZ	S150335.D	09/27/11	22:15	09:23	(unrelated sample)
ZZZZZZ	S150336.D	09/27/11	22:37	09:45	(unrelated sample)

Volatile Surrogate Recovery Summary

Job Number: JA86523
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JA86523-1	3D64845.D	112.0	108.0	102.0	98.0
JA86523-2	3D64846.D	113.0	109.0	103.0	96.0
JA86523-3	S150319.D	100.0	89.0	104.0	101.0
JA86125-15MS	S150320.D	101.0	98.0	107.0	102.0
JA86125-15MSD	S150321.D	98.0	97.0	105.0	104.0
JA86125-2MS	3D64849.D	111.0	109.0	104.0	97.0
JA86125-2MSD	3D64850.D	111.0	108.0	104.0	97.0
V3D2794-BS	3D64835.D	111.0	111.0	106.0	98.0
V3D2794-MB1	3D64834.D	114.0	107.0	103.0	99.0
VS6174-BS	S150315.D	100.0	100.0	104.0	111.0
VS6174-MB1	S150314.D	99.0	93.0	106.0	103.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	77-120%
S2 = 1,2-Dichloroethane-D4	70-127%
S3 = Toluene-D8	79-120%
S4 = 4-Bromofluorobenzene	76-118%

New Jersey

ACCUTEST LABORATORIES

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA86523
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GPF2524-MB1	PF92524.D	1	09/27/11	RP	n/a	n/a	GPF2524

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA86523-1, JA86523-2, JA86523-3

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	83%	68-114%

Blank Spike Summary

Job Number: JA86523
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GPF2524-BS	PF92531.D	1	09/27/11	RP	n/a	n/a	GPF2524

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA86523-1, JA86523-2, JA86523-3

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	7.33	92	72-125

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	102%	68-114%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA86523
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA86523-3MS	PF92529.D	1	09/27/11	RP	n/a	n/a	GPF2524
JA86523-3MSD	PF92530.D	1	09/27/11	RP	n/a	n/a	GPF2524
JA86523-3	PF92527.D	1	09/27/11	RP	n/a	n/a	GPF2524

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA86523-1, JA86523-2, JA86523-3

CAS No.	Compound	JA86523-3 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		8	8.64	108	8.18	102	5	46-131/20

CAS No.	Surrogate Recoveries	MS	MSD	JA86523-3	Limits
98-08-8	aaa-Trifluorotoluene	100%	101%	84%	68-114%

Volatile Surrogate Recovery Summary

Job Number: JA86523
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
JA86523-1	PF92525.D	84.0
JA86523-2	PF92526.D	83.0
JA86523-3	PF92527.D	84.0
GPF2524-BS	PF92531.D	102.0
GPF2524-MB1	PF92524.D	83.0
JA86523-3MS	PF92529.D	100.0
JA86523-3MSD	PF92530.D	101.0

Surrogate Compounds	Recovery Limits
S1 = aaa-Trifluorotoluene	68-114%

(a) Recovery from GC signal #1

New Jersey
ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA86523
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51995-MB1	ZZ65648.D	1	09/26/11	HQ	09/20/11	OP51995	GZZ2230

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA86523-1, JA86523-2, JA86523-3

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.0035	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	91%	34-131%
16416-32-3	Tetracosane-d50	86%	15-119%
438-22-2	5a-Androstane	76%	11-119%

Blank Spike Summary

Job Number: JA86523
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51995-BS1	ZZ65649.D	1	09/26/11	HQ	09/20/11	OP51995	GZZ2230

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA86523-1, JA86523-2, JA86523-3

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-DRO (C10-C28)	1	0.575	58	36-118

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	81%	34-131%
16416-32-3	Tetracosane-d50	88%	15-119%
438-22-2	5a-Androstane	78%	11-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA86523
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP51995-MS	ZZ65650.D	1	09/26/11	HQ	09/20/11	OP51995	GZZ2230
OP51995-MSD	ZZ65651.D	1	09/26/11	HQ	09/20/11	OP51995	GZZ2230
JA86450-1	3Z35022.D	1	09/30/11	HQ	09/20/11	OP51995	G3Z1069

The QC reported here applies to the following samples: **Method:** SW846 8015C

JA86523-1, JA86523-2, JA86523-3

CAS No.	Compound	JA86450-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	4.24		2	5.29	60	3.87	0* [a]	31	10-132/38

CAS No.	Surrogate Recoveries	MS	MSD	JA86450-1	Limits
84-15-1	o-Terphenyl	90%	84%	105%	34-131%
16416-32-3	Tetracosane-d50	100%	93%	86%	15-119%
438-22-2	5a-Androstane	89%	83%	96%	11-119%

(a) Outside control limits due to high level in sample relative to spike amount.

Semivolatile Surrogate Recovery Summary

Job Number: JA86523
Account: SHELLWIC Shell Oil Products US
Project: URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD

Method: SW846 8015C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S2 [a]	S3 [a]
JA86523-1	ZZ65652.D	94.0	92.0	83.0
JA86523-2	ZZ65653.D	94.0	93.0	83.0
JA86523-3	ZZ65654.D	85.0	70.0	63.0
OP51995-BS1	ZZ65649.D	81.0	88.0	78.0
OP51995-MB1	ZZ65648.D	91.0	86.0	76.0
OP51995-MS	ZZ65650.D	90.0	100.0	89.0
OP51995-MSD	ZZ65651.D	84.0	93.0	83.0

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	34-131%
S2 = Tetracosane-d50	15-119%
S3 = 5a-Androstane	11-119%

(a) Recovery from GC signal #1

Sample Summary

Shell Oil Products US

Job No: JA87544

URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD
Project No: INC#97436977

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA87544-1	09/28/11	13:00	RS	09/29/11	AQ	Effluent	137675-OFFSITE-EFFLUENT
JA87544-2	09/28/11	13:05	RS	09/29/11	AQ	Ground Water	137675-OFFSITE-MID3
JA87544-3	09/28/11	13:10	RS	09/29/11	AQ	Ground Water	137675-OFFSITE-MID2
JA87544-4	09/28/11	13:15	RS	09/29/11	AQ	Ground Water	137675-OFFSITE-MID1
JA87544-5	09/28/11	13:20	RS	09/29/11	AQ	Influent	137675-OFFSITE-INFLUENT
JA87544-6	09/28/11	14:00	RS	09/29/11	AQ	Effluent	137675-ONSITE-EFFLUENT
JA87544-7	09/28/11	14:05	RS	09/29/11	AQ	Ground Water	137675-ONSITE-MID
JA87544-8	09/28/11	14:10	RS	09/29/11	AQ	Influent	137675-ONSITE-INFLUENT

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA87544-1	**Date Sampled:**	09/28/11
Matrix:	AQ - Effluent	**Date Received:**	09/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I172336.D	1	09/30/11	DPP	n/a	n/a	VI6938
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%
17060-07-0	1,2-Dichloroethane-D4	95%		70-127%
2037-26-5	Toluene-D8	110%		79-120%
460-00-4	4-Bromofluorobenzene	93%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA87544-1	**Date Sampled:**	09/28/11
Matrix:	AQ - Effluent	**Date Received:**	09/29/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PF92683.D	1	10/04/11	RP	n/a	n/a	GPF2530
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	80%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-EFFLUENT		
Lab Sample ID:	JA87544-1	**Date Sampled:**	09/28/11
Matrix:	AQ - Effluent	**Date Received:**	09/29/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Y39610.D	1	10/04/11	OPM	09/30/11	OP52207	G2Y1676
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0037	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	57%		34-131%
16416-32-3	Tetracosane-d50	50%		15-119%
438-22-2	5a-Androstane	55%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID3		
Lab Sample ID:	JA87544-2	**Date Sampled:**	09/28/11
Matrix:	AQ - Ground Water	**Date Received:**	09/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I172337.D	1	09/30/11	DPP	n/a	n/a	VI6938
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%
17060-07-0	1,2-Dichloroethane-D4	96%		70-127%
2037-26-5	Toluene-D8	110%		79-120%
460-00-4	4-Bromofluorobenzene	92%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID3		
Lab Sample ID:	JA87544-2	**Date Sampled:**	09/28/11
Matrix:	AQ - Ground Water	**Date Received:**	09/29/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PF92687.D	1	10/04/11	RP	n/a	n/a	GPF2530
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	79%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID3		
Lab Sample ID:	JA87544-2	**Date Sampled:**	09/28/11
Matrix:	AQ - Ground Water	**Date Received:**	09/29/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Y39611.D	1	10/04/11	OPM	09/30/11	OP52207	G2Y1676
Run #2							

	Initial Volume	Final Volume
Run #1	880 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0040	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	52%		34-131%
16416-32-3	Tetracosane-d50	46%		15-119%
438-22-2	5a-Androstane	50%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID2		
Lab Sample ID:	JA87544-3	**Date Sampled:**	09/28/11
Matrix:	AQ - Ground Water	**Date Received:**	09/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I172338.D	1	09/30/11	DPP	n/a	n/a	VI6938
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	62.6	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		77-120%
17060-07-0	1,2-Dichloroethane-D4	95%		70-127%
2037-26-5	Toluene-D8	110%		79-120%
460-00-4	4-Bromofluorobenzene	94%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID2		
Lab Sample ID:	JA87544-3	**Date Sampled:**	09/28/11
Matrix:	AQ - Ground Water	**Date Received:**	09/29/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PF92688.D	1	10/04/11	RP	n/a	n/a	GPF2530
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	80%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID2		
Lab Sample ID:	JA87544-3	**Date Sampled:**	09/28/11
Matrix:	AQ - Ground Water	**Date Received:**	09/29/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Y39612.D	1	10/04/11	OPM	09/30/11	OP52207	G2Y1676
Run #2							

	Initial Volume	Final Volume
Run #1	910 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0038	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	54%		34-131%
16416-32-3	Tetracosane-d50	48%		15-119%
438-22-2	5a-Androstane	52%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID1		
Lab Sample ID:	JA87544-4	**Date Sampled:**	09/28/11
Matrix:	AQ - Ground Water	**Date Received:**	09/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3D65083.D	1	10/03/11	NT	n/a	n/a	V3D2804
Run #2	3D65131.D	5	10/04/11	NT	n/a	n/a	V3D2806

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	235 [a]	5.0	0.92	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%	107%	77-120%
17060-07-0	1,2-Dichloroethane-D4	101%	102%	70-127%
2037-26-5	Toluene-D8	98%	100%	79-120%
460-00-4	4-Bromofluorobenzene	91%	95%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID1		
Lab Sample ID:	JA87544-4	**Date Sampled:**	09/28/11
Matrix:	AQ - Ground Water	**Date Received:**	09/29/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PF92689.D	1	10/04/11	RP	n/a	n/a	GPF2530
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.275	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	81%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-MID1		
Lab Sample ID:	JA87544-4	**Date Sampled:**	09/28/11
Matrix:	AQ - Ground Water	**Date Received:**	09/29/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Y39613.D	1	10/04/11	OPM	09/30/11	OP52207	G2Y1676
Run #2							

	Initial Volume	Final Volume
Run #1	880 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0040	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	59%		34-131%
16416-32-3	Tetracosane-d50	54%		15-119%
438-22-2	5a-Androstane	57%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-INFLUENT		
Lab Sample ID:	JA87544-5	**Date Sampled:**	09/28/11
Matrix:	AQ - Influent	**Date Received:**	09/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I172330.D	5	09/30/11	DPP	n/a	n/a	VI6938
Run #2	I172324.D	50	09/30/11	DPP	n/a	n/a	VI6938

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	2.0	5.0	1.1	ug/l	J
108-88-3	Toluene	ND	5.0	0.73	ug/l	
100-41-4	Ethylbenzene	ND	5.0	1.1	ug/l	
1330-20-7	Xylene (total)	ND	5.0	0.87	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2280 [a]	50	9.2	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	107%	77-120%
17060-07-0	1,2-Dichloroethane-D4	94%	102%	70-127%
2037-26-5	Toluene-D8	109%	111%	79-120%
460-00-4	4-Bromofluorobenzene	93%	94%	76-118%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-INFLUENT		
Lab Sample ID:	JA87544-5	**Date Sampled:**	09/28/11
Matrix:	AQ - Influent	**Date Received:**	09/29/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PF92690.D	1	10/04/11	RP	n/a	n/a	GPF2530
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	2.56	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	84%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-OFFSITE-INFLUENT		
Lab Sample ID:	JA87544-5	**Date Sampled:**	09/28/11
Matrix:	AQ - Influent	**Date Received:**	09/29/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Y39614.D	1	10/04/11	OPM	09/30/11	OP52207	G2Y1676
Run #2							

	Initial Volume	Final Volume
Run #1	870 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0040	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	61%		34-131%
16416-32-3	Tetracosane-d50	57%		15-119%
438-22-2	5a-Androstane	58%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA87544-6	**Date Sampled:**	09/28/11
Matrix:	AQ - Effluent	**Date Received:**	09/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I172339.D	1	09/30/11	DPP	n/a	n/a	VI6938
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		77-120%
17060-07-0	1,2-Dichloroethane-D4	94%		70-127%
2037-26-5	Toluene-D8	109%		79-120%
460-00-4	4-Bromofluorobenzene	92%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA87544-6	**Date Sampled:**	09/28/11
Matrix:	AQ - Effluent	**Date Received:**	09/29/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PF92684.D	1	10/04/11	RP	n/a	n/a	GPF2530
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	80%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-EFFLUENT		
Lab Sample ID:	JA87544-6	**Date Sampled:**	09/28/11
Matrix:	AQ - Effluent	**Date Received:**	09/29/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Y39615.D	1	10/04/11	OPM	09/30/11	OP52207	G2Y1676
Run #2							

	Initial Volume	Final Volume
Run #1	880 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0040	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	63%		34-131%
16416-32-3	Tetracosane-d50	58%		15-119%
438-22-2	5a-Androstane	61%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-MID		
Lab Sample ID:	JA87544-7	**Date Sampled:**	09/28/11
Matrix:	AQ - Ground Water	**Date Received:**	09/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I172340.D	1	09/30/11	DPP	n/a	n/a	VI6938
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.15	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		77-120%
17060-07-0	1,2-Dichloroethane-D4	95%		70-127%
2037-26-5	Toluene-D8	108%		79-120%
460-00-4	4-Bromofluorobenzene	92%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-MID		
Lab Sample ID:	JA87544-7	**Date Sampled:**	09/28/11
Matrix:	AQ - Ground Water	**Date Received:**	09/29/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PF92685.D	1	10/04/11	RP	n/a	n/a	GPF2530
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	78%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-MID		
Lab Sample ID:	JA87544-7	**Date Sampled:**	09/28/11
Matrix:	AQ - Ground Water	**Date Received:**	09/29/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Y39616.D	1	10/04/11	OPM	09/30/11	OP52207	G2Y1676
Run #2							

	Initial Volume	Final Volume
Run #1	910 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0038	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	60%		34-131%
16416-32-3	Tetracosane-d50	55%		15-119%
438-22-2	5a-Androstane	60%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-INFLUENT		
Lab Sample ID:	JA87544-8	**Date Sampled:**	09/28/11
Matrix:	AQ - Influent	**Date Received:**	09/29/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I172341.D	1	09/30/11	DPP	n/a	n/a	VI6938
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.54	1.0	0.22	ug/l	J
108-88-3	Toluene	0.30	1.0	0.15	ug/l	J
100-41-4	Ethylbenzene	1.2	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	4.0	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2.3	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		77-120%
17060-07-0	1,2-Dichloroethane-D4	94%		70-127%
2037-26-5	Toluene-D8	108%		79-120%
460-00-4	4-Bromofluorobenzene	93%		76-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-INFLUENT		
Lab Sample ID:	JA87544-8	**Date Sampled:**	09/28/11
Matrix:	AQ - Influent	**Date Received:**	09/29/11
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PF92686.D	1	10/04/11	RP	n/a	n/a	GPF2530
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.016	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	80%		68-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	137675-ONSITE-INFLUENT		
Lab Sample ID:	JA87544-8	**Date Sampled:**	09/28/11
Matrix:	AQ - Influent	**Date Received:**	09/29/11
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	URSMDG:SS#137675, 15541 New Hampshire Aveune, Silver Spring, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Y39617.D	1	10/04/11	OPM	09/30/11	OP52207	G2Y1676
Run #2							

	Initial Volume	Final Volume
Run #1	920 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.11	0.0038	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	64%		34-131%
16416-32-3	Tetracosane-d50	59%		15-119%
438-22-2	5a-Androstane	64%		11-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound