Groundwater & Environmental Services, Inc.

2142 Priest Bridge Court • Suite 1 • Crofton, Maryland 21114 • (800) 220-3606 • Fax (410) 721-3733

September 14, 2009

Mr. Kurt Kochan
Northern Regional Office
Virginia Department of Environmental Quality
13901 Crown Court
Woodbridge, VA 22193

RE: Initial Abatement Measures Report
Exxon Service Station 2-6140
9901 Georgetown Pike
Great Falls, Virginia
PC #2010-3028

Dear Mr. Kochan:

Groundwater & Environmental Services, Inc. (GES), contracted by ExxonMobil Environmental Services Company on behalf of Exxon Mobil Corporation (ExxonMobil), is submitting the attached Initial Abatement Measures Report (IAMR) for the above-referenced Site. This report is being prepared in compliance with guidelines and directives promulgated by the Virginia Department of Environmental Quality (VADEQ), Northern Regional Office under Pollution Complaint Number 2010-3028.

ExxonMobil contracted Environmental Resolutions, Inc. (ERI) of Taunton, MA, to complete a Phase II Environmental Site Investigation (ESA) at the referenced location. ERI installed five (5) soil borings at the referenced property in July 2009. Four (4) of the soil borings were completed as monitoring wells. Groundwater samples were subsequently collected from these wells and yielded detectable concentrations of gasoline indicator compounds in each of the four monitoring wells and the station potable supply well.

Upon receipt of analytical data from the Phase II ESA, GES called the VADEQ on behalf of ExxonMobil on August 11, 2009 to report evidence of a petroleum release as required by VADEQ regulations. The VADEQ issued Pollution Complaint # 2010-3028 on August 14, 2009.

Please contact the undersigned at (800) 220-3606, extensions 3703 and 3708, respectively, should you have any questions or require additional information.

Sincerely,
GROUNDWATER & ENVIRONMENTAL SERVICES, INC.

Andrea Taylorson-Collins
Environmental Scientist / Project Manager

Christopher J. Mulry, P.G.
Principal Hydrogeologist / VP Major Projects

Enclosure

c: Mike Geci, ExxonMobil
Melissa Tacchino, ExxonMobil
Tom Buggey, Roux Associates, Inc.
File, GES-MD

INITIAL ABATEMENT MEASURES REPORT
EXXON SERVICE STATION 2-6140
9901 GEORGETOWN PIKE
GREAT FALLS, VIRGINIA
VADEQ PC# 2010-3028

September 14, 2009

Prepared for:

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4704 Harvest Woods Court
Fairfax, VA 22033

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COMMONWEALTH OF VIRGINIA
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No. 956
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1.0 INTRODUCTION

Groundwater & Environmental Services, Inc. (GES), contracted by ExxonMobil Environmental Services Company on behalf of Exxon Mobil Corporation (ExxonMobil) to undertake compliance activities in response to detections of dissolved petroleum compounds in groundwater at the Exxon Service Station (#2-6140) located at 9901 Georgetown Pike in Great Falls, Virginia (the Site). These activities were conducted to fulfill Virginia Department of Environmental Quality (VADEQ) requirements related to evidence of a suspected release of petroleum compounds to the environment. This report was prepared in compliance with guidelines and directives promulgated by the Virginia Department of Environmental Quality (VADEQ) Northern Regional Office under Pollution Complaint (PC) Number 2010-3028.

2.0 BACKGROUND INFORMATION

ExxonMobil contracted Environmental Resolutions, Inc. (ERI) of Taunton, MA to complete a Phase II Environmental Site Investigation (ESA) at the referenced location. As part of that work, ERI installed five soil borings at the referenced property in July 2009. Four of the soil borings were completed as monitoring wells. Groundwater samples were subsequently collected from these wells and yielded detectable concentrations of volatile organic compounds (VOCs) in each of the four monitoring wells (MW-1, MW-2, MW-3 and MW-5) and the Site potable supply well.

Upon receipt of analytical data from the Phase II ESA, GES called the VADEQ on behalf of ExxonMobil to report evidence of a petroleum release as required by VADEQ regulation. The VADEQ issued PC # 2010-3028 on August 14, 2009.

3.0 GENERAL SITE DISCRIPTION

3.1 Site Location and Topography

The Site, known as Great Falls Exxon is a retail fuel and vehicle service location. The property is 27,430 square feet in area (0.63 acres) and is located at the southwest corner of the intersection of Georgetown Pike (State Route 193) and Walker Road (State Route 681) in northwestern Fairfax County, Virginia **(Figure 1, Site Location Map, Vienna, Virginia, 7.5-minute topographic map)**. The Site is believed to have been constructed and commenced operations in 1969 and underwent renovations including underground storage tank (UST) replacement in 1989 with additional facility upgrades in 1994.

Figure 2 depicts the Exxon station layout including the location of the three currently in use underground storage tanks (USTs), dispensers and the monitoring wells installed by ERI. The topography of the Site slopes gently to the south. The regional topographic gradient is also generally towards the south.

3.2 Surrounding Properties

The Property is zoned commercial by the City of Great Falls, Virginia. The surrounding properties are primarily commercial with mixed retail and professional business complexes located in all directions from the site. Residential and public space properties (library and park) are located beyond the commercial properties in all directions. A Shell service station is located directly across Walker Road to the east of the Site. According to Fairfax County and Fairfax Water records, and local reconnaissance efforts, it has been determined that approximately 36 private supply wells are within approximately 1/4 mile of the Site. **Figure 3** shows a Local Area Map depicting the area within a quarter mile radius surrounding the Property, based on field information collected from the various area and site reconnaissance, county documents and property research.

Several other UST sites and properties with documented environmental impacts exist within close proximity of the Great Falls Exxon. These include the Shell station located immediately east of the Site across Walker Road, the Great Falls Auto located approximately 500 feet north of the Site at 719 Walker Road (a former Amoco service station) and the Great Falls Fire Station at 9916 Georgetown Pike. In addition, a documented local groundwater impact case is still being monitored from a former dry cleaner operation located in the Safeway shopping center east/southeast of the Site. A Freedom of Information (FOIA) request was filed by GES with the United States Environmental Protection Agency (EPA) to determine the current status and on-going activities associated with this case, where chlorinated hydrocarbon compounds have been detected in a wide area near the Georgetown Pike and Walker Road vicinity.

3.3 Utilities/Water Supply

Aboveground and underground utilities are located at the Site. Aboveground electrical lines are located along the south side of Georgetown Pike and the east side of Walker Road. Telephone and water mains are located underground along the west side of Walker Road. The Site is served by an on-site supply well located near the northeast property corner and on site septic located behind the station building to the south. Many of the surrounding properties are served by municipal water provided by Fairfax Water; however, a number of nearby properties utilize on site private supply wells.

3.4 Surface Water Bodies

The closest surface water body is Mine Run, which is shown flowing from west to east approximately 1,000 feet north of the Site. Mine Run discharges into the Potomac River approximately two miles east of the Site.

3.5 Regional Geology

The Site is located in the Piedmont Physiographic Province of Virginia and is underlain by multiple deformed and highly metamorphosed crystalline bedrock of the Cambrian aged Mathers Gorge Formation. This bedrock has been mapped and described by Avery and others (USGS) and was formerly mapped as the Peters Creek Schist (Avery, et. al, 1989). It is described as a quartz-rich schist deposited in a high energy marine environment (turbidite) and

subsequently deposited on the North American craton via tectonic activity in early Paleozoic time. Locally, the Mather Gorge is deeply weathered to a clay-rich silty saprolite, which retains relict structural attributes of the parent bedrock. The depth to competent rock at the site is believed to be on the order of 50 to 60 feet below surface based on the logs for the monitoring wells installed at the Site and the well log for the Site supply well and is typical of the deeply weathered schists of the mid-Atlantic Piedmont. Outcrops can be found in deeply incised stream beds and along the Potomac River to the north and northeast. Groundwater has been measured in on site monitoring wells and the station supply well at depths of approximately 30 feet below ground (fbg) surface within the overburden which is comprised of weathered schist and saprolite.

3.6 Underground Storage Tanks

There are four dispenser islands with four double-sided multi-product dispensers on the Property. The UST field, located near the southeast corner of the Site, contains three USTs consisting of one 12,000-gallon gasoline UST and two 10,000-gallon gasoline USTs, and is located near the southeast corner of the Property. Two tank field observation wells provide monitoring points at the northwest and northeast corners of the tank field. **Figure 2** shows a Site Map with the approximate locations of the existing site features.

4.0 RELEASE INFORMATION

4.1 Dissolved Detection of Petroleum Constituents

As part of a Phase II investigation at this Site, samples were collected from the sink in the men's restroom and four recently installed wells on July 22, 2009 and July 24, 2009, respectively. Samples were analyzed for VOCs via EPA method 8260. Evidence of free phase liquid petroleum hydrocarbons (LPH) was not reported in any of the monitoring wells or tankfield wells. The sampling results from both the monitoring well sampling and potable well sampling revealed dissolved concentrations of VOCs in the groundwater. On August 11, 2009 GES reported the detection of dissolved gasoline constituents in the groundwater monitoring wells and potable drinking water well at the Site to the VADEQ.

The VOCs detected in the groundwater samples included methyl tertiary butyl ether (MTBE), benzene, toluene, ethylbenzene, and xylenes (BTEX). The BTEX concentrations in the monitoring well samples ranged from <1.0 µg/L to 210.2 µg/L. The maximum MTBE concentration in the potable well sample was 10,400 µg/L. The maximum BTEX concentration in the potable well sample was 22.3 µg/L. The Site potable supply well sampling results are summarized in **Table 1**. The MTBE concentrations detected in the monitoring well samples ranged from 1.3 to 193,000 micrograms per liter (µg/L). The groundwater sampling results are summarized in **Table 2**.

4.2 Previous Pollution Complaint Cases

The Property has had one historic PC number, which is currently reported as closed with No Further Action required by the VADEQ. The PC number (94-3879) was opened on May 12, 1994 under the Leaking Underground Storage Tanks (LUST) program for a suspected release due to the presence of water in the plus grade gasoline UST. Further investigation revealed that the water had accumulated in the UST due to normal operating conditions. The water was removed and an inventory reconciliation verified a release had not occurred. Based on this information, the VADEQ closed this case on August 18, 1994. No active PC numbers are listed in the VADEQ databases for the Site beyond the current PC number opened on August 14, 2009.

5.0 INITIAL ABATEMENT MEASURES TAKEN

5.1 Actions Taken to Prevent Further Releases

5.1.1 Standard UST Testing

On August 12, 2009, Tanknology, NDE ran a series of tank tightness tests. The first test utilized the EZ3 Vacuum system test, and all tanks tested tight. During the second test, Tanknology ran tightness tests on all product lines and also performed Stage I and Stage II Vapor Recover Tests, and all passed.

5.1.2 Enhanced Helium UST Testing

On August 28, 2009, ExxonMobil contracted Crompco of Pennsylvania to conduct an enhanced leak detection helium test of the UST system at the Site per VADEQ's request. Crompco first performed the Pressure Decay test on the tank and line system using nitrogen to confirm all the caps and lids were tight and there were no issues. Next, Crompco pressurized the entire system using Helium and used sensors to search for any leak or presence of helium that may have escaped the system. The only issues found were slight leaks in a Vapor Vacuum Motor inside the bottom of multiple product dispenser (MPD) 5/7 and around a boot on the Plus Product secondary product line inside the dispenser pan where the GEOFLEX Double Wall Line is connected to the fittings under the dispenser. The dispenser pan acts as a barrier between these components and the soils below. All other parts of the system tested tight, and none of the findings indicated that there were any leaks elsewhere in the system.

GES provided an email to the VADEQ describing the test results and repairs planned. Following the VADEQ’s approval, the vapor vacuum motor on MPD 5/7 was replaced on September 8, 2009. The Plus Secondary Line repair is scheduled for September 15, 2009. Results of both tank testing are included as **Appendix A**.

5.2 Hazard Mitigation

5.2.1 Alternate Water Supply Onsite

On August 11, 2009, bottled water was supplied to the Site. Bottled water was provided to the station and the sinks were turned off and anti-bacterial waterless hand wash was provided until an alternative water supply (AWS) system was delivered to the station on August 18, 2009. The alternate water supply is composed of a 3,500-gallon poly tank, pump and hosing that is directly connected to the building plumbing to operate the toilets and sinks. The potable AWS water continues to be supplied by South Jersey Water Company. Water deliveries are scheduled as needed. The on site potable water well pump was removed and permanently taken out of service on August 24, 2009.

5.2.2 Water Line Connection

The Site will be connected to the public water supply to replace the AWS. Payment was made to Fairfax Water on September 3, 2009 to initiate construction of the water supply line and connect the station to a permanent public water supply. Fairfax Water expects installation of the two-inch water main to take up to four weeks. Once connected to the public water supply, the AWS will be removed from the Site.

5.2.3 Local Area Potable Well Sampling

The VADEQ directed ExxonMobil to sample potable wells within one-eighth of a mile of the site and wells within a one-quarter of a mile that fell in strike with regional geology. GES visited all properties within the study area on August 20, 2009 and left letters for those property owners GES could not reach. Potable well sampling began on August 20, 2009. As of September 3, 2009, a total of 16 potable wells have been sampled. Two property owners, not connected to public water, have refused sampling. GES will continue to reach out to the remaining properties identified with wells that are not connected to public water to obtain samples from these potable wells. A summary of the sampling results of samples collected from August 20, 2009 through September 3, 2009 is attached as **Table 2.** The analytical results for samples collected from August 20, 2009 through September 3, 2009 are attached as **Appendix B**. A map identifying sample result locations for samples collected from August 20, 2009 through September 3, 2009 is attached as **Figure 4**.

GES sent Fairfax Water a list of addresses within a quarter mile radius of the site and requested that Fairfax Water confirm which properties were connected to public water. This list of properties and status with Fairfax Water is attached as **Appendix C**.

5.2.4 Alternate Water Supply for Area Residents with Gasoline Constituent Detections

At the direction of the VADEQ, properties with potable well detections of petroleum constituents were provided an initial supply of potable water (five one-gallon bottles). Deer Park accounts were created for as-needed deliveries until the VADEQ determines what additional action is required at these properties.

5.2.5 VADEQ Alternate Water Supply Program

A potable water well that has a detectible concentration of a constituent of concern is re-sampled by the VADEQ under its Alternate Water Supply (AWS) Program. Culligan, a VADEQ contractor performed the re-sampling for the VADEQ. GES coordinated with Culligan to split samples during re-sampling events of properties with detections of gasoline constituents in the drinking water supply well. If the VADEQ determines a POET system is required for a potable well, it will contract Culligan to design and install the POET systems. Future actions will be decided by the VADEQ upon review of the re-sampling results.

5.3 Actions Taken to Investigate Further Migration of Potential Contaminants

The initial indication of a release of petroleum constituents at the Site stemmed from analytical results received for a water sample collected from the station supply well located near the northeastern corner of the property. The following steps were taken to eliminate potential risks associated with continued use of this well to include:

- Deactivation of the supply well and provision of a temporary alternate water supply for the Exxon station
- Station hook-up to municipal water service (Fairfax Water)
- Evaluation of supply well construction and geologic attributes

The first two steps outlined above are intended to address the immediate receptor risk associated with use/consumption of water derived from the supply well that was determined to contain dissolved MTBE compounds. Additional investigative steps noted in the third bullet will be addressed in greater detail in a forthcoming Site Characterization Report (SCR) for this facility

5.3.1 Down Hole Geophysics

Analysis of groundwater samples collected from the station supply well under pumping and non pumping conditions, respectively, within a two day time period, indicate a decrease in dissolved MTBE concentrations of one order of magnitude. These data are presented in **Table 2** and suggest that dissolved MTBE may be found in greater concentration in one or more water producing zones within the supply well. A series of “down hole” geophysical tests completed at the supply well on August 26, 2009. The geophysical testing, conducted by Earth Data Inc., of Centreville, MD and overseen by GES, consisted of the following:

- Borehole video
- Caliper
- Fluid temperature

- Fluid electrical conductivity and resistivity
- Acoustical televiewer
- Heat pulse flow

The tests were completed in the order referenced above. In general, the methods are intended to provide information on the well construction, geology and potential water-bearing zones. A more detailed synopsis of this work and the resultant interpretations and recommendations will be provided in the forthcoming Site Characterization Report (SCR). Data collected from this investigation was used in the development of the SCR work plan, discussed below.

5.3.2 Delineation Work Plan

GES provided a written workplan to the VADEQ on September 1, 2009 for additional delineation of petroleum constituents in soil and groundwater on and near the Site. A copy of this workplan is attached in **Appendix D.** In general, the workplan specifies the installation of four additional shallow groundwater monitoring wells and one bedrock well surrounding the UST system to the north, east, west and south. Well locations were selected based upon evaluation of regional and local geologic data (including ATV image data) suggesting bedrock structural features aligned primarily in an orientation averaging N14°E. Two of the five proposed wells (MW-6 and MW-6D) will be installed adjacent to one another on the Exxon property. MW-7 is proposed for installation on adjacent private property to the south. Land use permits were filed with the Virginia Department of Transportation (VDOT) to allow for the installation of proposed wells MW-8 and MW-9 in the VDOT right-of-ways for Walker Road and Georgetown Pike, respectively. Installation of monitoring wells MW-6, MW-6D and MW-7 is scheduled to occur (pending owner access for MW-7) on September 10 and 11, 2009. The installation of MW-8 and MW-9 will occur upon receipt of the VDOT land use permits.

All newly installed wells will be developed, surveyed and sampled for petroleum compounds as per VADEQ guidance. Gauging and sampling of existing monitoring wells MW-1, MW-2, MW-3 and MW-5 will also occur at this time. GES also intends to request access to survey, gauge and sample a two-inch diameter monitoring well located southeast of the Site in the Safeway Shopping Center across Walker Road. It is understood the that the EPA maintains this well as part of a historical groundwater quality investigation in this area related to dry cleaner operations and chlorinated volatile organic carbon (VOC) impacts.

Additional testing of the Exxon station supply well is also being contemplated as part of the expanded site characterization for this site. GES and ExxonMobil will communicate these recommendations to the VADEQ once they have been determined.

6.0 SUMMARY AND RECOMMENDATIONS

6.1 Summary

GES has completed an Initial Abatement Measures Report at the Exxon Station 2-6140 located at 9901 Georgetown Pike in Great Falls, Virginia. Based on the results of the investigation, GES concludes:

- The surrounding properties are primarily commercial with mixed retail and professional business complexes located in all directions from the site. Residential and public space properties (library and park) are located beyond a radius of approximately 1,000 feet to the south, southwest and northeast. A Shell service station is located directly across Walker Road to the east of the Site.

- Phase II ESA activities being conducted by ERI identified petroleum constituents in on-site monitoring wells and the on-site potable supply well. Static groundwater levels in the monitoring wells ranged from 31.40 fbg to 34.28 fbg in the weathered schist above competent bedrock. On-site groundwater generally flows in the overburden to the south, southeast.

- Potable water is currently supplied to the Site by a temporary alternate water supply. The current on-site potable well has been decommissioned and will be utilized for ongoing investigative activities. ExxonMobil is currently pursuing municipal water line connections for the station. Many of the surrounding properties are also served by municipal water provided by Fairfax Water. However, a number of nearby properties utilize on site private supply wells. As of September 3, 2009, 16 private water wells have been sampled for VOCs using EPA method 8260.

- Private potable wells with petroleum constituent detections have been provided a temporary alternate water supply via bottled Deer Park water and are in the process of being entered into the VADEQ AWS Program..

- Standard UST testing and enhanced helium leak detection testing has been conducted on the complete UST system. The results were reported to the VADEQ under separate cover.

- Down-hole geophysical tests were conducted in the on-site potable supply well to obtain a depiction of the well construction, casing depth, bedrock structure, bedrock orientation and potential water bearing zones of interest.

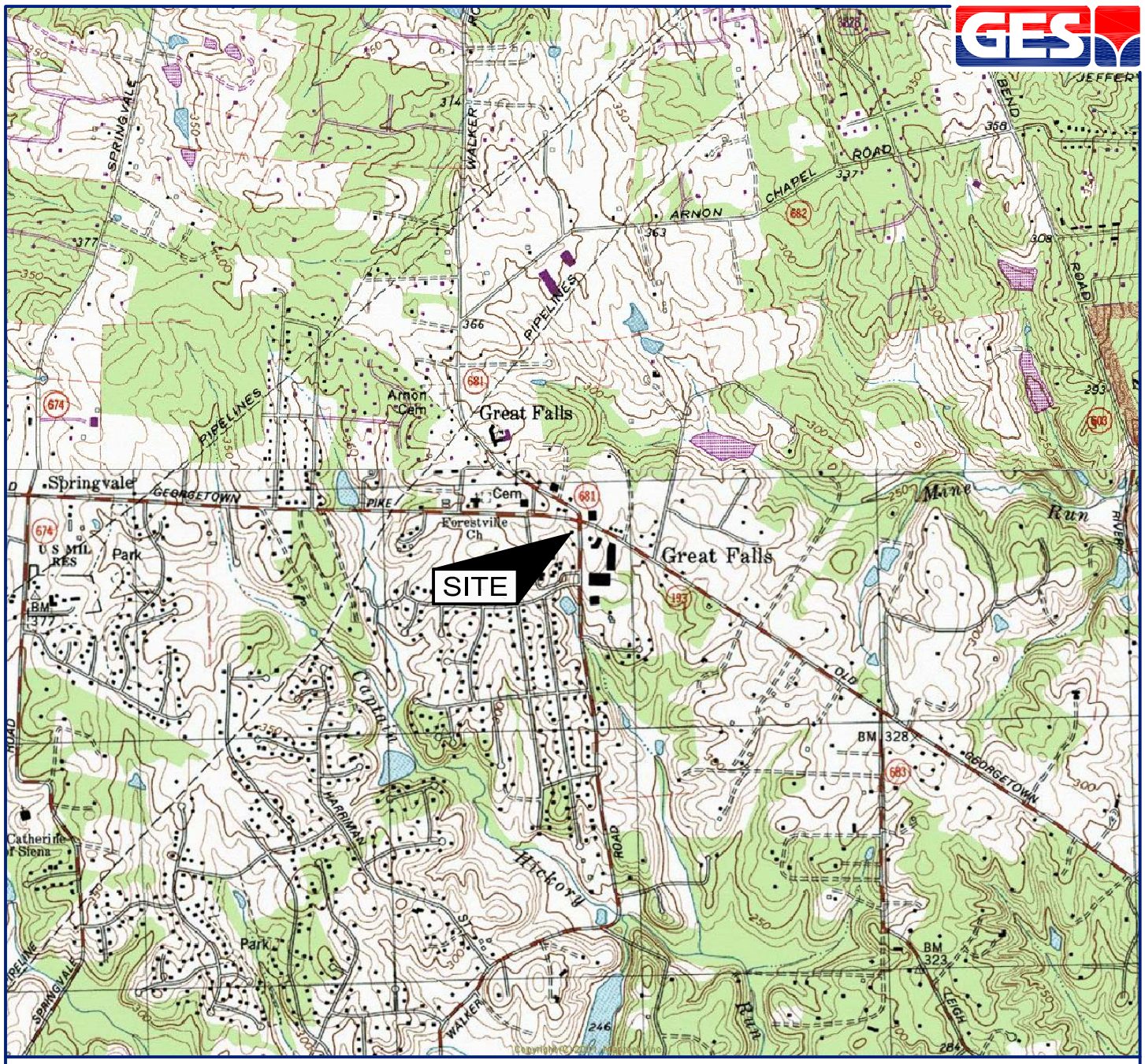
- A workplan for subsurface delineation including on and off-site well installation was submitted to the VADEQ to be implemented in conjunction with the SCR.

6.2 Recommendations

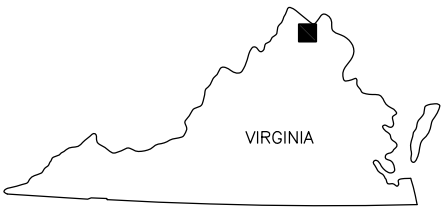
Based on the information provided in this IAM Report, GES provides the following recommendations for ongoing evaluation and investigation:

- Initiate and complete SCR activities as per the approved VADEQ delineation workplan.
- Evaluate and investigate overburden soil and tank field soil gas concentrations during the SCR process.
- Evaluate zones of interest in the on-site potable supply well based on down-hole geophysical data and complete select interval packer testing to determine hydraulic and chemical properties.
- Continue to monitor and sample private potable wells in areas of potential concern in conjunction with the VADEQ AWS Program.

FIGURES



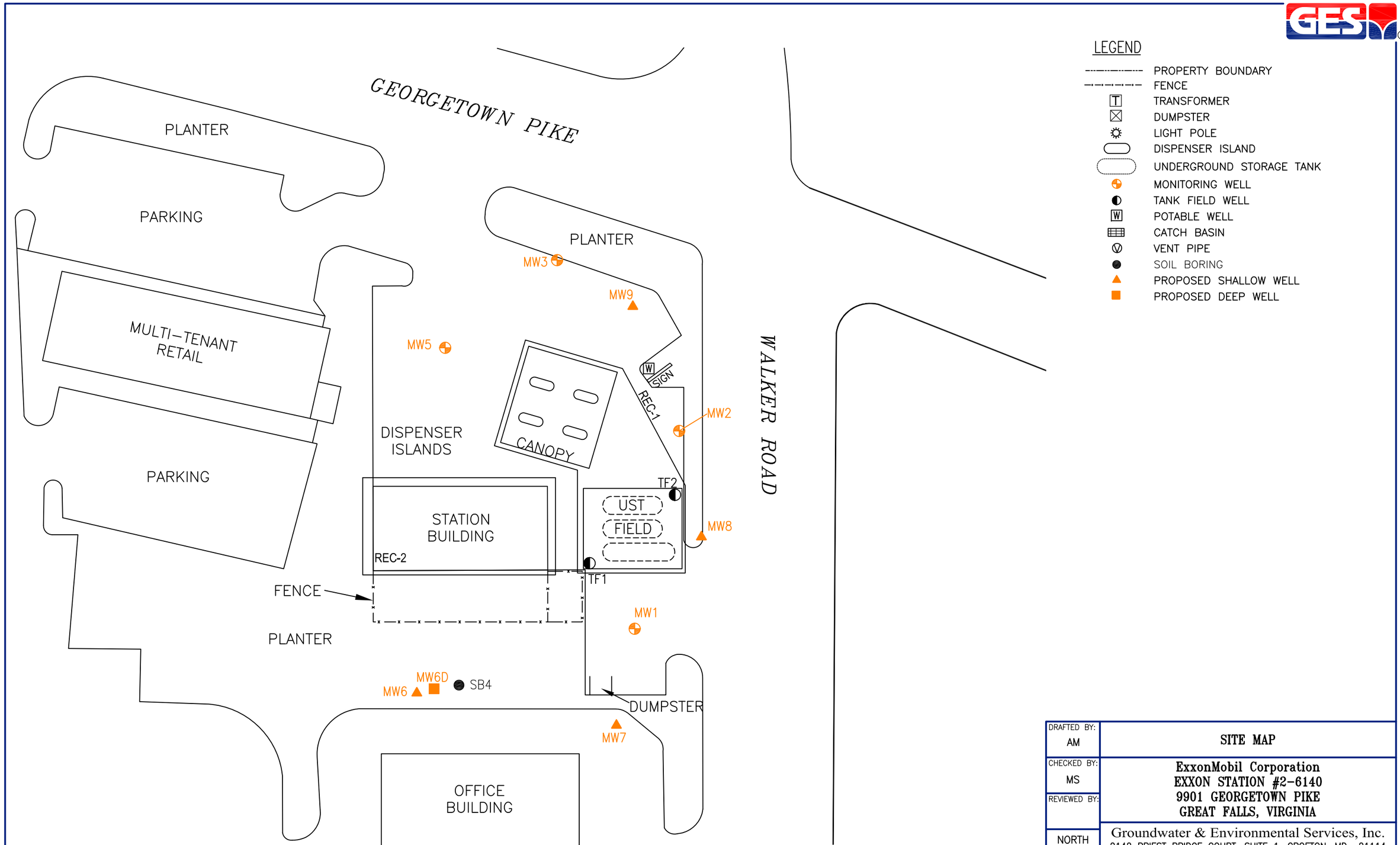
SOURCE: USGS 7.5 MINUTE SERIES
TOPOGRAPHIC QUADRANGLE 1982
VIENNA, VIRGINIA
CONTOUR INTERVAL = 10'



QUADRANGLE LOCATION

DRAFTED BY: E.V. (N.J.)	SITE LOCATION MAP
CHECKED BY:	EXXONMOBIL CORPORATION EXXON STATION #2-6140 9901 GEORGETOWN PIKE GREAT FALLS, VIRGINIA
REVIEWED BY:	
NORTH	Groundwater & Environmental Services, Inc. 2142 PRIEST BRIDGE COURT, SUITE 1, CROFTON, MD 21114

SCALE IN FEET	DATE	FIGURE
0 — 2000	9-14-09	1



DRAFTED BY: AM	SITE MAP
CHECKED BY: MS	ExxonMobil Corporation EXXON STATION #2-6140 9901 GEORGETOWN PIKE GREAT FALLS, VIRGINIA
REVIEWED BY:	
NORTH	Groundwater & Environmental Services, Inc. 2142 PRIEST BRIDGE COURT, SUITE 1, CROFTON, MD 21114

SCALE IN FEET	DATE	FIGURE
0 — 40	9-14-09	2

Legend

- Potable Wells from Fairfax County Health Dept.
- 0.25 Mile Radius
- Public Water Line
- Gas Pipeline
- Building with Public Water Verified by Fairfax County Water Authority
- Building with Public Water per GES to be Verified by Fairfax County Water Authority
- Building
- Parcel Boundary
- Paved Road
- Parking Lot
- Stream
- Water Body

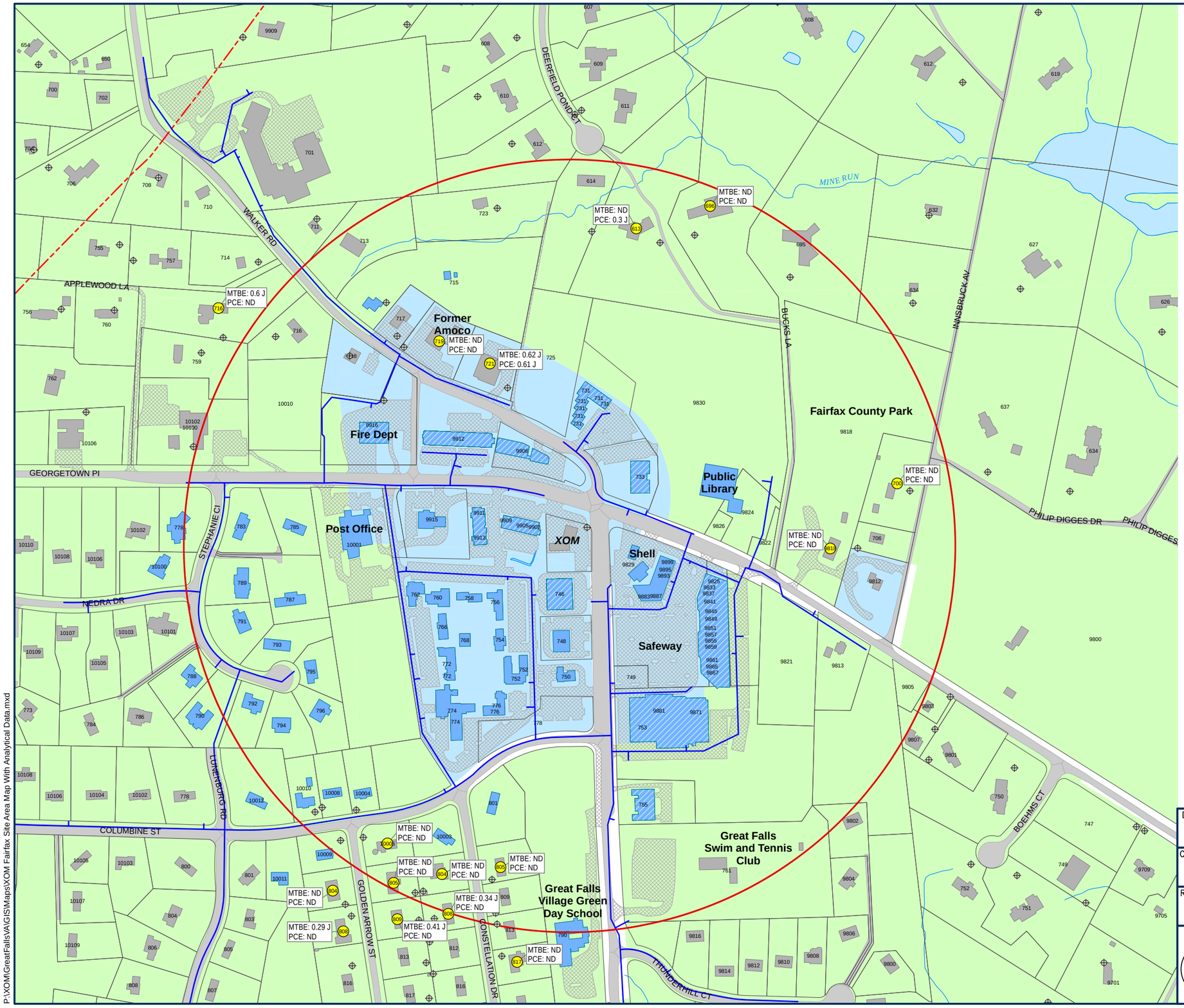
Zoning

- Commercial
- Residential

Base Map Sources:
Fairfax County GIS & Mapping Services
Fairfax County Water Authority
Fairfax County Health Department

DRAFTED BY: RAB	SITE AREA MAP
CHECKED BY: MCS	ExxonMobil Corporation EXXON STATION #2-6140 9901 GEORGETOWN PIKE GREAT FALLS, VIRGINIA
REVIEWED BY:	Groundwater & Environmental Services, Inc. 2142 PRIEST BRIDGE COURT, SUITE 1, CROFTON, MD 21114
NORTH	SCALE IN FEET 0 300 / DATE 9-14-09 / FIGURE 3

P:\XOM\GreatFalls\VA\GIS\Maps\XOM Fairfax Site Area Map.mxd



Legend

- Sampled Potable Well
- Potable Wells from Fairfax County Health Dept.
- 0.25 Mile Radius
- Public Water Line
- Gas Pipeline
- Building with Public Water Verified by Fairfax County Water Authority
- Building with Public Water per GES to be Verified by Fairfax County Water Authority
- Building
- Parcel Boundary
- Paved Road
- Parking Lot
- Stream
- Water Body

Zoning

- Commercial
- Residential

Notes:

MTBE - Methyl tert-Butyl Ether
PCE - Tetrachloroethylene
J - Estimated value
ND - Non-Detect
Concentration in parts per billion

Concentrations indicated on this figure reflect maximum concentrations detected in samples collected from potable wells between 8-20-2009 and 9-3-2009.

Base Map Sources:

Fairfax County GIS & Mapping Services
Fairfax County Water Authority
Fairfax County Health Department

DRAFTED BY: RAB	MAXIMUM DISSOVLED CONCENTRATIONS DETECTED IN POTABLE WELLS MAP
CHECKED BY: MCS	ExxonMobil Corporation EXXON STATION #2-6140 9901 GEORGETOWN PIKE GREAT FALLS, VIRGINIA
REVIEWED BY:	
NORTH	Groundwater & Environmental Services, Inc. 2142 PRIEST BRIDGE COURT, SUITE 1, CROFTON, MD 21114
	SCALE IN FEET 0 300 / DATE 9-14-09 / FIGURE 4

P:\XOM\GreatFalls\VA\GIS\Maps\XOM Fairfax Site Area Map With Analytical Data.mxd

TABLES

Table 1. Groundwater Monitoring Data Summary
XOM: 26104 - 9901 Georgetown Pike, Great Falls VA
9901 Georgetown Pike
Great Falls, VA 22066

Monitoring Well	Date	Lab ID	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TPH-GRO (C6-C10) (µg/L)	TPH-DRO (C10-C28) (µg/L)
MW-1	7/24/2009	M84626-1	13.3		0.53 J	24	193,000	105	0.354
	8/18/2009	JA25922-1					138,000	65.7	0.182
MW-2	7/24/2009	M84626-2	70.2	8	1	131	107,000	59	0.393
	8/18/2009	JA25922-2					87,100	53.9	0.145
MW-3	7/24/2009	M84626-3					5.7	-	-
MW-5	7/24/2009	M84626-4					1.3		0.448
	8/18/2009	JA25922-3					0.48 J		

This table represents only detected compounds.

NOTES:

	= Indicates non-detect
-	= Indicates no data available
µg/L	= Micrograms per Liter
DRO	= Diesel Range Organics
GRO	= Gasoline Range Organics
J	= Indicates an estimated value between the reporting limit and the method detection limit
MTBE	= Methyl Tertiary Butyl Ether

Table 2. On-Site Potable Well Sampling Data Summary
XOM: 26104 - 9901 Georgetown Pike, Great Falls VA
9901 Georgetown Pike
Great Falls, VA 22066

Sampling Location	Date	Lab ID	Sample Location	Benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	cis-1,2-Dichloroethylene (cis-1,2-DCE) (µg/L)	trans-1,2-Dichloroethylene (µg/L)
26140 POTABLE WELL	7/21/2009	M84567-6	Men's Restroom	5.5		10,400	635	3.2
	8/11/2009	M85077-1	Men's Restroom			7,540	616	
	8/11/2009	M85077-2	Coffee Machine	2.6	1	5,930	397	1.7
	8/17/2009	JA25815-1	Well	0.76	0.46 J	1,320	138	0.77

This table represents only detected compounds.

NOTES:

	= Indicates non-detect
-	= Indicates no data available
µg/L	= Micrograms per Liter
DIPE	= Diisopropyl ether
J	= Indicates an estimated value between the reporting limit and the method detection limit
MTBE	= Methyl Tertiary Butyl Ether
PCE	= Perchloroethylene
TAME	= Tertiary-amyl methyl ether
TCE	= Trichloroethylene

Table 2. On-Site Potable Well Sampling Data Summary
XOM: 26104 - 9901 Georgetown Pike, Great Falls VA
9901 Georgetown Pike
Great Falls, VA 22066

Sampling Location	Date	Lab ID	Sample Location	Chloroform (µg/L)	DIPE (µg/L)	TAME (µg/L)	Tertiary Butyl Alcohol (µg/L)	Tetrachloroethylene (PCE) (µg/L)
26140 POTABLE WELL	7/21/2009	M84567-6	Men's Restroom	2.5	-	-	-	14.4
	8/11/2009	M85077-1	Men's Restroom		-	-	-	
	8/11/2009	M85077-2	Coffee Machine	1.6	-	-	-	8.5
	8/17/2009	JA25815-1	Well	1.1	148	36.8	80.9	4.9

This table represents only detected compounds.

NOTES:

	= Indicates non-detect
-	= Indicates no data available
µg/L	= Micrograms per Liter
DIPE	= Diisopropyl ether
J	= Indicates an estimated value between the reporting lin
MTBE	= Methyl Tertiary Butyl Ether
PCE	= Perchloroethylene
TAME	= Tertiary-amyl methyl ether
TCE	= Trichloroethylene

Table 2. On-Site Potable Well Sampling Data Summary
XOM: 26104 - 9901 Georgetown Pike, Great Falls VA
9901 Georgetown Pike
Great Falls, VA 22066

Sampling Location	Date	Lab ID	Sample Location	Trichloroethylene (TCE) (µg/L)
26140 POTABLE WELL	7/21/2009	M84567-6	Men's Restroom	13.3
	8/11/2009	M85077-1	Men's Restroom	
	8/11/2009	M85077-2	Coffee Machine	7.8
	8/17/2009	JA25815-1	Well	3.4

This table represents only detected compounds.

NOTES:

	= Indicates non-detect
-	= Indicates no data available
µg/L	= Micrograms per Liter
DIPE	= Diisopropyl ether
J	= Indicates an estimated value between the reporting lin
MTBE	= Methyl Tertiary Butyl Ether
PCE	= Perchloroethylene
TAME	= Tertiary-amyl methyl ether
TCE	= Trichloroethylene

Table 3. Area Potable Well Sampling Data Summary
XOM: 26104 - 9901 Georgetown Pike, Great Falls VA
9901 Georgetown Pike
Great Falls, VA 22066

Sample ID	Address	Date	Lab Report Date	Lab ID	Sample Type	MTBE (µg/L)	Chloroform (µg/L)	Tetrachloroethylene (PCE) (µg/L)
83140025-696-BCKS-LN	696 Bucks Lane	8/20/2009	8/26/2009	JA26215-2				
		8/20/2009	8/26/2009	JA26215-5	DUP			
131030008-10005-CLMBN-ST	10005 Columbine Street	8/22/2009	8/28/2009	JA26329-1				
131030047-804-CNSTLN-DR	804 Constellation Drive	8/21/2009	8/26/2009	JA26275-1				
		8/21/2009	8/26/2009	JA26275-2	DUP			
131030050-805-CNSTLN-DR	805 Constellation Drive	8/20/2009	8/26/2009	JA26215-8	DUP			
		8/20/2009	8/26/2009	JA26215-10				
131030046-808-CNSTLN-DR	808 Constellation Drive	8/21/2009	8/26/2009	JA26275-3		0.29 J	0.31 J	
		8/31/2009	9/4/2009	JA26837-2		0.34 J		
		8/31/2009	9/4/2009	JA26837-4	DUP			
131030053-817-CNSTLN-DR	817 Constellation Drive	9/3/2009	9/10/2009	JA27336-4				
83140013-613-DRFLDPND-CT	613 Deerfield Pond Court	8/20/2009	8/26/2009	JA26215-4				0.3 J
131010015-9818-GRGTWN-PK	9818 Georgetown Pike	8/28/2009	9/3/2009	JA26811-1			4.9	
		8/28/2009	9/3/2009	JA26811-3	DUP		5.1	
122120002-804-GLDNRW-ST	804 Golden Arrow Street	8/31/2009	9/4/2009	JA26837-3				
131030009-805-GLDNRW-ST	805 Golden Arrow Street	9/3/2009	9/10/2009	JA27336-3				
122120003-808-GLDNRW-ST	808 Golden Arrow Street	8/20/2009	8/26/2009	JA26215-11	DUP	0.29 J		
		8/20/2009	8/26/2009	JA26215-12		0.27 J		

Table 3. Area Potable Well Sampling Data Summary
XOM: 26104 - 9901 Georgetown Pike, Great Falls VA
9901 Georgetown Pike
Great Falls, VA 22066

Sample ID	Address	Date	Lab Report Date	Lab ID	Sample Type	MTBE (µg/L)	Chloroform (µg/L)	Tetrachloroethylene (PCE) (µg/L)
122120003-808-GLDNRW-ST	808 Golden Arrow Street	8/31/2009	9/4/2009	JA26837-1				
131030010-809-GLDNRW-ST	809 Golden Arrow Street	8/20/2009	8/26/2009	JA26215-13		0.41 J		
131010016-700-INSBRK-AV	700 Innsbruck Avenue	8/20/2009	8/26/2009	JA26215-1				
122010018-716-WLKR-RD	716 Walker Road	8/26/2009	9/1/2009	JA26642-1		0.6 J		
		9/3/2009	9/10/2009	JA27336-1				
131020001A1-719-WLKR-RD	719 Walker Road	9/3/2009	9/10/2009	JA27336-5			2.7	
131020001A2-721-WLKR-RD	721 Walker Road	8/25/2009	8/31/2009	JA26561-1		0.56 J	6.3	0.53 J
		8/25/2009	8/31/2009	JA26561-2	DUP	0.62 J	6.5	0.61 J
		9/3/2009	9/10/2009	JA27336-2			5.9	

This table represents only detected compounds.

NOTES:

	= Indicates non-detect
-	= Indicates no data available
µg/L	= Micrograms per Liter
DUP	= Duplicate sample collected
J	= Indicates an estimated value between the reporting limit and the method detection limit
MTBE	= Methyl Tertiary Butyl Ether
PCE	= Perchloroethylene

APPENDIX A

UST SYSTEM TEST RESULTS

Tanknology

TANKNOLOGY CERTIFICATE OF TESTING

8501 N MOPAC EXPRESSWAY, SUITE 400 AUSTIN, TEXAS 78759
TELEPHONE (512) 451-6334 FAX (512) 459-1459

TEST RESULT SUMMARY REPORT

PURPOSE: EMERGENCY

TEST DATE: 08/12/09

WORK ORDER NUMBER: 8264096

CUSTOMER PO: 71505244

CLIENT: FM FACILITY MAINTENANCE
10 COLUMBUS BLVD.
4TH FLOOR
HARTFORD, CT 06106
ACCOUNTS PAYABLE
(877)860-7400

SITE: EXXON 26140
9901 GEORGETOWN PIKE
GREAT FALLS, VA 22066

STORE MANAGER
(703)759-3367

Tank Tightness Tests Results

TEST TYPE: VacuTect

TANK ID		PRODUCT	TANK CAPACITY	TANK DIAMETER	TANK MATERIAL	PRODUCT LEVEL	EXTERNAL* WATER LEVEL	TEST RESULT
#3	1	PREMIUM	9,728	92.00	FIBERGLASS	37.00	147.00	PASS
	2	MIDGRADE	9,728	92.00	FIBERGLASS	29.00	147.00	PASS
#1	3	REGULAR	11,627	92.00	FIBERGLASS	55.00	147.00	PASS

*Where regulations require, for VacuTect external water level may be depth of dry well or water is assumed at lowest point that can be confirmed dry.

Product Pipe Tightness Test Results

LINE ID		LINE MATERIAL	DELIVERY TYPE	TEST RESULT A	TEST RESULT B	TEST RESULT C	TEST RESULT D	FINAL LEAK RATE (gph) A	FINAL LEAK RATE (gph) B	FINAL LEAK RATE (gph) C	FINAL LEAK RATE (gph) D	TEST METHOD	IMPACT VALVE FUNCTION
#3	1	GEO FLEX	PRESSURE	P				0.000				TLD-1	Y
	2	GEO FLEX	PRESSURE	P				0.000				TLD-1	Y
#1	3	GEO FLEX	PRESSURE	P				0.000				TLD-1	Y

Existing Line Leak Detector Test

LINE ID		EXISTING LEAK DETECTOR #1 MANUFACTURER	EXISTING LEAK DETECTOR #1 MODEL #	EXISTING LEAK DETECTOR #1 SERIAL #	EXISTING LEAK DETECTOR #1 RESULT	EXISTING LEAK DETECTOR #2 MANUFACTURER	EXISTING LEAK DETECTOR #2 MODEL #	EXISTING LEAK DETECTOR #2 SERIAL #	EXISTING LEAK DETECTOR #2 RESULT
#3	1								
	2								
#1	3								

New Replacement Line Leak Detector Test

LINE ID	REPLACED LEAK DETECTOR #1 MANUFACTURER	REPLACED LEAK DETECTOR #1 MODEL #	REPLACED LEAK DETECTOR #1 SERIAL #	REPLACED LEAK DETECTOR #1 RESULT	REPLACED LEAK DETECTOR #2 MANUFACTURER	REPLACED LEAK DETECTOR #2 MODEL #	REPLACED LEAK DETECTOR #2 SERIAL #	REPLACED LEAK DETECTOR #2 RESULT

For owner detailed report information, visit www.tanknology.com and select On-Line Reports-WRAP, or contact your local Tanknology office.

Tester Name: **CHARLES ELINE**

Technician Certification Number: **10289**

Charles B Eline

INDIVIDUAL TANK INFORMATION AND TEST RESULTS

Tanknology

TEST DATE: 08/12/09
CLIENT: FM FACILITY

8501 N MOPAC EXPRESSWAY, SUITE 400
AUSTIN, TEXAS 78759 (512) 451-6334

WORK ORDER NUMBER 8264096
SITE: EXXON 26140

TANK INFORMATION

Tank ID:	#3 1	Tank manifolded:	NO	Bottom to top fill in inches:	143.0
Product:	PREMIUM	Vent manifolded:	YES	Bottom to grade in inches:	151.0
Capacity in gallons:	9,728	Vapor recovery manifolded:	YES	Fill pipe length in inches:	52.0
Diameter in inches:	92.00	Overfill protection:	YES	Fill pipe diameter in inches:	4.0
Length in inches:	342	Overspill protection:	YES	Stage I vapor recovery:	DUAL
Material:	FIBERGLASS	Installed:	ATG	Stage II vapor recovery:	ASSIST
		CP installed on:	/ /		

COMMENTS

TANK TEST RESULTS Test Method: VacuTect

	Start (in)	End (in)
Dipped Water Level:	0.00	0.00
Dipped Product Level:	37.00	37.00
Probe Water Level:	0.040	0.040

Ingress Detected: Water N Bubble N Ullage N

Test time:	12:24-13:36
Inclinometer reading:	0.00
VacuTect Test Type:	Single tank
VacuTect Probe Entry Point:	Gauge
Pressure Set Point:	-1.00
Tank water level in inches:	0.00
Water table depth in inches:	147.00
Determined by (method):	MONTR WELL
Result:	PASS

COMMENTS

LEAK DETECTOR TEST RESULTS Test method: LT-1

	New/passed L.D. #1	Failed/replaced L.D. #1	New/passed L.D. #2	Failed/replaced L.D. #2
Make:				
Model:				
S/N:				
Open time in sec:				
Holding psi:				
Resiliency cc:		NOT TESTED		NOT TESTED
Test leak rate ml/m:				
Metering psi:				
Calib. leak in gph:				
Results:				

COMMENTS

LINE TEST RESULTS Test type: TLD-1

	LINE A	B	C	D
Material:	GEO FLEX			
Diameter (in):	2.0			
Length (ft):	100.0			
Test psi:	50			
Bleedback cc:	39			
Test time (min):	60	NOT TESTED	NOT TESTED	NOT TESTED
Start time:	10:10			
End time:	11:10			
Final gph:	0.000			
Result:	PASS			
Pump type:	PRESSURE			
Pump make:	FE PETRO			

COMMENTS

Impact Valves Operational: YES

tested prm line from disp 3/4 back to ball valve all passed

Printed 08/20/2009 16:23

INDIVIDUAL TANK INFORMATION AND TEST RESULTS

Tanknology

TEST DATE: 08/12/09
CLIENT: FM FACILITY

8501 N MOPAC EXPRESSWAY, SUITE 400
AUSTIN, TEXAS 78759 (512) 451-6334

WORK ORDER NUMBER 8264096
SITE: EXXON 26140

TANK INFORMATION

Tank ID:	2	Tank manifolded:	NO	Bottom to top fill in inches:	143.0
Product:	MIDGRADE	Vent manifolded:	YES	Bottom to grade in inches:	149.0
Capacity in gallons:	9,728	Vapor recovery manifolded:	YES	Fill pipe length in inches:	51.0
Diameter in inches:	92.00	Overfill protection:	YES	Fill pipe diameter in inches:	4.0
Length in inches:	342	Overspill protection:	YES	Stage I vapor recovery:	DUAL
Material:	FIBERGLASS	Installed:	ATG	Stage II vapor recovery:	ASSIST
		CP installed on:	/ /		

COMMENTS

TANK TEST RESULTS Test Method: VacuTect

	Start (in)	End (in)
Dipped Water Level:	0.00	0.00
Dipped Product Level:	29.00	29.00
Probe Water Level:	0.042	0.043

Ingress Detected: Water N Bubble N Ullage N

Test time:	11:00-12:12
Inclinometer reading:	0.00
VacuTect Test Type:	Single tank
VacuTect Probe Entry Point:	Gauge
Pressure Set Point:	-1.00
Tank water level in inches:	0.00
Water table depth in inches:	147.00
Determined by (method):	MONTR WELL
Result:	PASS

COMMENTS

LEAK DETECTOR TEST RESULTS Test method: LT-1

	New/passed L.D. #1	Failed/replaced L.D. #1	New/passed L.D. #2	Failed/replaced L.D. #2
Make:				
Model:				
S/N:				
Open time in sec:				
Holding psi:				
Resiliency cc:		NOT TESTED		NOT TESTED
Test leak rate ml/m:				
Metering psi:				
Calib. leak in gph:				
Results:				

COMMENTS

LINE TEST RESULTS Test type: TLD-1

LINE	A	B	C	D
Material:	GEO FLEX			
Diameter (in):	2.0			
Length (ft):	100.0			
Test psi:	50			
Bleedback cc:	42			
Test time (min):	60	NOT TESTED	NOT TESTED	NOT TESTED
Start time:	09:10			
End time:	10:00			
Final gph:	0.000			
Result:	PASS			
Pump type:	PRESSURE			
Pump make:	FE PETRO			

COMMENTS

Impact Valves Operational: YES

TESTED MID GRADE LINE FROM DISP 3/4 BACK TO BALL VALVE ALL PASSED

Printed 08/20/2009 16:23

INDIVIDUAL TANK INFORMATION AND TEST RESULTS

Tanknology

TEST DATE: 08/12/09
CLIENT: FM FACILITY

8501 N MOPAC EXPRESSWAY, SUITE 400
AUSTIN, TEXAS 78759 (512) 451-6334

WORK ORDER NUMBER 8264096
SITE: EXXON 26140

TANK INFORMATION

Tank ID:	#1 3	Tank manifolded:	NO	Bottom to top fill in inches:	150.5
Product:	REGULAR	Vent manifolded:	YES	Bottom to grade in inches:	156.5
Capacity in gallons:	11,627	Vapor recovery manifolded:	YES	Fill pipe length in inches:	59.0
Diameter in inches:	92.00	Overfill protection:	YES	Fill pipe diameter in inches:	4.0
Length in inches:	409	Overspill protection:	YES	Stage I vapor recovery:	DUAL
Material:	FIBERGLASS	Installed:	ATG	Stage II vapor recovery:	ASSIST
		CP installed on:	/ /		

COMMENTS

TANK TEST RESULTS

Test Method: VacuTect

	Start (in)	End (in)
Dipped Water Level:	0.00	0.00
Dipped Product Level:	55.00	55.00
Probe Water Level:	0.041	0.041

Ingress Detected: Water N Bubble N Ullage N

Test time:	09:37-10:40
Inclinometer reading:	0.00
VacuTect Test Type:	Single tank
VacuTect Probe Entry Point:	Gauge
Pressure Set Point:	-1.00
Tank water level in inches:	0.00
Water table depth in inches:	147.00
Determined by (method):	MONTR WELL
Result:	PASS

COMMENTS

LEAK DETECTOR TEST RESULTS

Test method: LT-1

	New/passed L.D. #1	Failed/replaced L.D. #1	New/passed L.D. #2	Failed/replaced L.D. #2
Make:				
Model:				
S/N:				
Open time in sec:				
Holding psi:				
Resiliency cc:		NOT TESTED		NOT TESTED
Test leak rate ml/m:				
Metering psi:				
Calib. leak in gph:				
Results:				

COMMENTS

LINE TEST RESULTS

Test type: TLD-1

LINE	A	B	C	D
Material:	GEO FLEX			
Diameter (in):	2.0			
Length (ft):	100.0			
Test psi:	50			
Bleedback cc:	42			
Test time (min):	60	NOT TESTED	NOT TESTED	NOT TESTED
Start time:	09:00			
End time:	10:00			
Final gph:	0.000			
Result:	PASS			
Pump type:	PRESSURE			
Pump make:	FE PETRO			

COMMENTS

Impact Valves Operational: YES

TESTED REG LINE FROM DISP 3/4 BACK TO BALL VALVE ALL PASSED

Printed 08/20/2009 16:23

CERTIFICATE OF STAGE II VAPOR RECOVERY TESTING

Tanknology
8501 N MOPAC EXPRESSWAY, SUITE 400
AUSTIN, TEXAS 78759
(512) 451-6334
FAX (512) 459-1459

TEST DATE: **08/12/09**

WORK ORDER NUMBER: **8264096**

CLIENT: **FM FACILITY MAINTENANCE**
10 COLUMBUS BLVD.
4TH FLOOR
HARTFORD, CT 06106

ATTN: **ACCOUNTS PAYABLE**

SITE: **EXXON 26140**
9901 GEORGETOWN PIKE
GREAT FALLS, VA 22066

CONTACT: **STORE MANAGER**

PRODUCT	NOZZLE	DISPENSER	DYNAMIC BACK PRESSURE (DRY PRESSURE) inches of water at flow rates:						VAPOR BLOCKAGE TEST (WET PRESSURE) inches of water at flow rates:					
			20 cfh	40 cfh	60 cfh	80 cfh	100 cfh	Pass/ fail	20 cfh	40 cfh	60 cfh	80 cfh	100 cfh	Pass/ fail

PRESSURE DECAY TEST

TANK #	Init Press	1 min	2 min	3 min	4 min	5 min	Allowable decay	Ullage space	Result	COMMENTS
#3 1	2.00	2.00	2.00	2.00	1.99	1.99	1.94	15606	PASS	24 Nozzle - Assist System
#1 3	0.00	0.00	0.00	0.00	0.00	0.00				

Tanknology appreciates the opportunity to serve you, and looks foward to working with you in the future. Please call any time, day or night, when you need us.

Tanknology representative:
TED BEZEL

Test conducted by:
CHARLES ELINE

Reviewed:

Technician Certification Number: **10289**

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Tanknology
8501 N MOPAC EXPRESSWAY, SUITE 400
AUSTIN, TEXAS 78759
(512) 451-6334
FAX (512) 459-1459

TEST DATE: **08/12/09**

WORK ORDER NUMBER: **8264096**

CLIENT: **FM FACILITY MAINTENANCE**

SITE: **EXXON 26140**

COMMENTS

TESTED ALL TANKS,LINES,STAGE ONE AND STAGE TWO PD, ALL PASSED

PARTS REPLACED

QUANTITY	DESCRIPTION

HELIUM PINPOINT TEST RESULTS (IF APPLICABLE)

ITEMS TESTED

HELIUM PINPOINT LEAK TEST RESULTS

SITE DIAGRAM

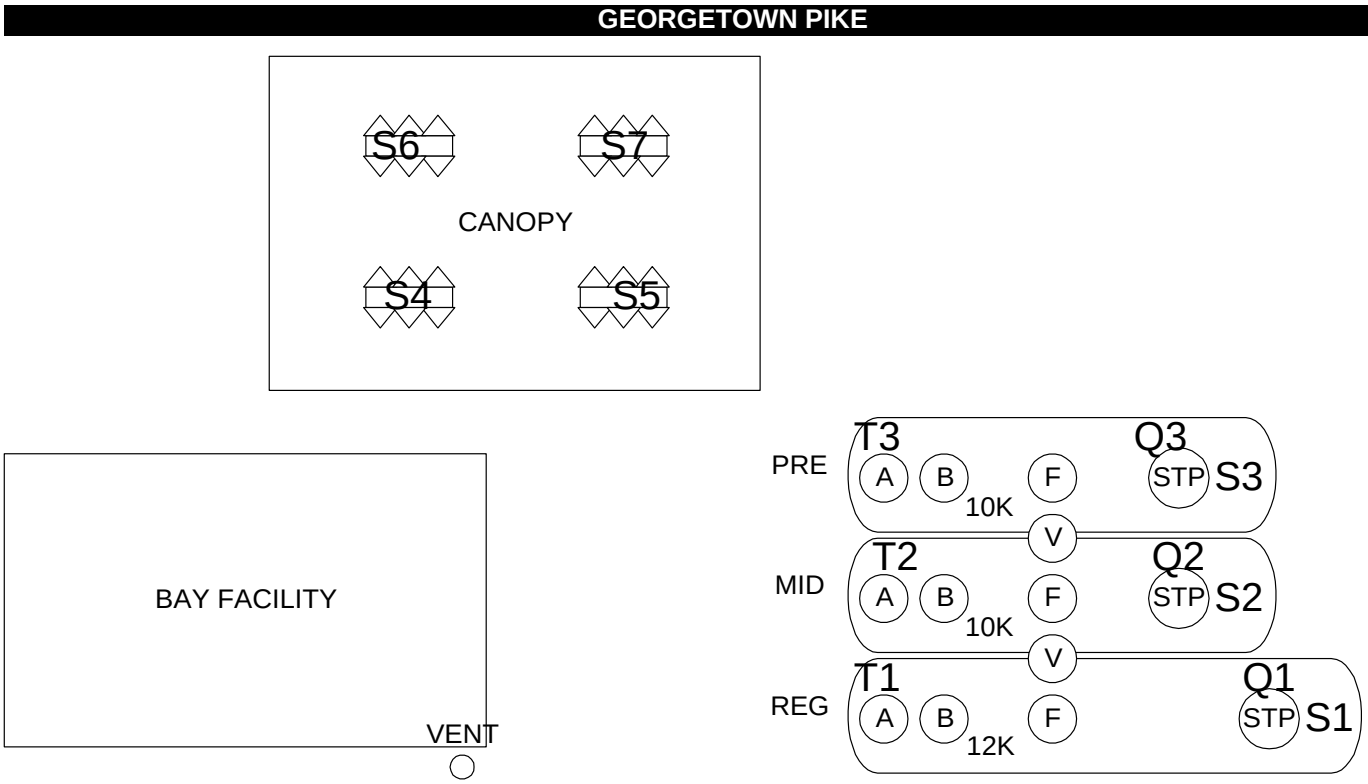
Tanknology
8501 N MOPAC EXPRESSWAY, SUITE 400
AUSTIN, TEXAS 78759
(512) 451-6334
FAX (512) 459-1459

TEST DATE: **08/12/09**

WORK ORDER NUMBER **8264096**

CLIENT: **FM FACILITY MAINTENANCE**

SITE: **EXXON 26140**



Printed 08/20/2009 16:23 ACRAMER

8501 N. MoPac Expressway, Suite 400
Austin, Texas 78759
Phone: (512) 451-6334
Fax: (512) 459-1459

EXXON 26140
9901 GEORGETOWN PIKE
GREAT FALLS, VA. 22066

Test Date: **08/12/2009**
Order #: **8264096**

Dear ExxonMobil Dealer,

Enclosed are the results of recent testing performed at your station. Please put these results in your compliance file as they need to be retained at the site address.

Testing Performed:
Tank Testing
Ullage Testing
Pressure Decay Testing
Line Testing
Impact Valve Testing

Sincerely,

Dawn Kohlmeyer

Dawn Kohlmeyer
Manager of Test Reporting - Tanknology

Tanknology

08/20/09

FM FACILITY MAINTENANCE
ACCOUNTS PAYABLE
10 COLUMBUS BLVD.
4TH FLOOR
HARTFORD, CT. 06106

Dear, ACCOUNTS PAYABLE

Attached please find the Document Certification Form and Stage II test results for your site located in the state of Virginia. The form must be signed by a Responsible Offical within your organization (as defined in 9 VAC 5-20-230, Subsection A) and must accompany the results when mailed to the appropriate office of the Department of Environmental Quality.

In accordance with 9 VAC 5-40-5220-F6c, certified test results shall be submitted to DEQ no later than 15 days after system testing is completed. Submittals that do not include a completed and signed DCF will be rejected.

Please sign the required form and mail to the DEQ regional office as indicated. If you have any questions, please feel free to contact me at (800) 666-1215.

Sincerely,

Theodore Bezel
Operations Manager
Tanknology, Inc.
100 Dobbs Lane, Suite 205
Cherry Hill, NJ 08034

Document Certification

Facility Name: **EXXON 26140**

Registration No: **72628**

Facility Location: **9901 GEORGETOWN PIKE GREAT FALLS, VA 22066**

Type of Submittal Attached: **Stage II Testing - Pressure Decay**

Certification: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering and evaluating the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name of Responsible Official (Print): Adriane R. Simon

Title: ExxonMobil Environmental Advisor

Signature: A.R. Simon Date: 08/20/09

Tanknology WorkOrder#: 8264096

Work Order: 8264096

Tanknology Inc.
8501 N. MoPac Expressway, Suite 400 Austin, TX 78759 (800) 964-0010

JOB CLEARANCE FORM & SITE SAFETY CHECKLIST – OVF

Policy 100-29-A
Rev: D
Revised: 8/04/2008

Site Name/#:	Street Address:	W.O. #
Exxon 26140	4901 Georgetown Rd Great Falls VA	8264096

Arrival Time:	Departure Time:	Travel Time:	Others on site:	Date
0830	1400	2.		8-12-09

Scope of Work and Tasks Performed (JSA's must be available for all tasks): T&T Cert, Cond Tests, PM

Repairs to Equipment or Parts Provided:

Follow-up actions required; equipment isolated; comments:

PPE - PERSONAL PROTECTIVE EQUIPMENT REQUIRED (Check items used or mark ~ if not applicable)

- ☑ Safety Vest
- ☑ Steel Toe Boots
- ☑ Safety Glasses
- ☑ Splash Goggles
- ☑ Gloves
- ☐ Hard Hat
- ☐ Hearing Protection
- ☐ Other _____

✓ PRE-TEST PROCEDURES (Check each item completed or mark ~ if not applicable)

1. ☑ Discuss safety procedures with site personnel. Nearest hospital: Great Falls
2. ☑ Prior to fuel deliveries the UST system must be placed back into working order.
3. ☑ Secure entire work area with barricades (cones, flags, and caution tape, pennant flags, or other perimeter guard).
4. ☑ Place fire extinguishers and "No Smoking" signs in the work area.
5. ☑ Implement Lockout/Tagout per API 1646 (when accessing product piping during tasks)
   - ☑ All applicable equipment disabled during test(s).
   - ☑ Secure nozzles with "Out of Service" bags and nylon ties.
   - ☑ Close ball valves or check valves on product piping.
   - ☑ Secure the circuit breaker(s) with lockout devices and tags.
   - ☑ Verify LOTO is complete by trying to operate pumps.
   - ☑ Disconnect electrical "bayonet" connector from the STP(s).

SIGN IN

General Safety Checks:
All site personnel have been informed.
Fuel delivery has been informed.
Is a fuel delivery due today? _____
LOTO procedures have been discussed and agreed.
Work areas barricaded to protect workers, staff & public.

Lead Technician Name	Lead Technician Signature
C. Blue	[signature]
Site Representative Name	**Site Representative Signature**
SAMAN LIMOUEE	[signature]

I have discussed job clearance form with technician.

✓ POST-TEST PROCEDURES (Check each item completed or mark ~ if not applicable)

1. ☑ Remove all "Lockout/Tagout" devices.
2. ☑ Run all pumps and verify there are no leaks:
   - ☑ Leak Detector Threads on STP's
   - ☑ Impact Valve Test Ports under dispensers
   - ☑ Functional Elements & Relief Screws
3. ☑ Install lead wire seal on all test plugs & leak detectors that were serviced.
   Count LD threads: L1 ____ L2 ____ L3 ____ L4 ____ L5 ____ L6 ____
4. ☑ Check following components operational:
   - ☑ Ball floats, dry breaks & caps
   - ☑ Containment sumps are dry
   - ☑ Dispenser panels are replaced
   - ☑ Leak detectors & vent tubes
   - ☑ Monitoring system is operational
   - ☑ Siphon lines and manifold valves
   - ☑ STP fittings and bayonet connectors
   - ☑ ATG probes, sensors, & caps
   - ☑ Cathodic protection operational
   - ☑ Dispensers & POS operational
   - ☑ Drop tubes, fill adapters & caps
   - ☑ Manhole covers and sump lids
   - ☑ Shear valves are open
   - ☑ Siphon lines and manifold valves
   - ☑ Vents (not capped, plugged or isolated)
5. ☑ Remove barricades.

SIGN OUT & Operator Verification of Work (OVF)

General Safety Checks:
Work area has been left tidy & safe.
Site staff are aware of work status including any remaining isolation.
Changes to equipment are documented and communicated.
All incidents, near incidents, and unsafe situations reported.

Lead Technician Name	Lead Technician Signature
[signature]	[signature]
Site Representative Name	**Site Representative Signature**
SAMAN LIMOUEE	[signature]

Site Representative Comments: All T&T passed.

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Work Order: 8264096

Tanknology

Confined Space Entry Checklist/Permit

Safety Policy 100-06-A-Entry Permit Rev C

Rev: C
Date Effective: 9/08/2005

Field Form

Instructions: Tanknology requires that this form is completed for all jobs that involve ANY work in forecourt (tankfield). A copy must be submitted with the raw data file. Sections I and II must be completed for all sites. Sections III and IV to be completed as appropriate.

SECTION I GENERAL INFORMATION

Date: 8-12-09	W.O.#: 826 4096
Site name/#: Exxm 22846 26440	Technician(s): [illegible]
Scope of Work: Test Reg 2 Tank	List potential confined spaces: ☑ STP Sump ☐ Fill Sump ☐ Vault ☐ Other:

SECTION II NO CONFINED SPACE ENTRIES PERFORMED AT SITE

A. ___ Work performed does not require removing sump lids
B. ___ Work only requires visual observation into sumps
C. ___ All work will be conducted without bodily entry using tools
D. ___ All work performed will be completed from prone position with no risk of falling in sump.
E. ___ No confined spaces present. Describe: _____
F. ___ Work requires entry, proceed to section III

Lead Technician Signature [signature] **Date** 8-12-09

SECTION III ALTERNATE ENTRY / NON-PRCS RECLASSIFICATION

A. Alternate Entry (check to confirm that ALL requirements are satisfied)

1. _____All employees trained
2. _____All other hazards eliminated (list) _____
3. _____Ventilation and monitoring prior to entry demonstrate ability to maintain safe atmosphere
4. _____Continuous ventilation and monitoring during entry
5. _____No customer or other requirements to classify space as permit-required
6. _____If work performed can change atmosphere Alternate Entry will be cancelled

B. Atmospheric Tests Monitoring Equipment Make/Model: _____ Cal. Date: _____ Bump tested (Y/N)_____

Test must be taken in the following order: Test to be Taken	Acceptable Limit	Test Results							
Name of Space (may list multiple spaces)	Reg STP,, etc.								
Depth to bottom of space	Feet/Inches								
TIME	HOUR / MINUTE								
% of OXYGEN (O_2)	19.5-23.5%								
% of LEL flammable concentrations	= 0 (none)								
OTHER (if applicable) _____	Toxic (or N/A)								
Initials of Lead Technician	Initials								

C. Safety Requirements (Applies to all C.S. Entries)	Yes	No	N/A	Comments
1. Area barricaded	___	___	___	___
2. Lockout/Tagout completed and verified	___	___	___	___
3. Sources of ignition controlled	___	___	___	___
4. Pressure relieved from piping	___	___	___	___
5. Cleaning (flushing/washing) done	___	___	___	___
6. Hotwork permit obtained	___	___	___	___
7. Other_____	___	___	___	___

SECTION III CONTINUED ON NEXT PAGE

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Work Order: 8264096

107650 EXXON 26140
9901 GEORGETOWN PIKE
GREAT FALLS VA
703-759-3367

AUG 12, 2009 8:25 AM

SYSTEM STATUS REPORT

ALL FUNCTIONS NORMAL

INVENTORY REPORT

T 1:REGULAR

CAPACITY	=	11495 GALS
VOLUME	=	7977 GALS
ULLAGE	=	3518 GALS
HEIGHT	=	59.30 INCHES
WATER VOL	=	0 GALS
WATER	=	0.00 INCHES
TEMP	=	76.1 DEG F

T 2:PLUS

CAPACITY	=	9596 GALS
VOLUME	=	3015 GALS
ULLAGE	=	6581 GALS
HEIGHT	=	32.84 INCHES
WATER VOL	=	0 GALS
WATER	=	0.00 INCHES
TEMP	=	77.7 DEG F

T 3:SUPER

CAPACITY	=	9596 GALS
VOLUME	=	4089 GALS
ULLAGE	=	5507 GALS
HEIGHT	=	40.66 INCHES
WATER VOL	=	0 GALS
WATER	=	-0.09 INCHES
TEMP	=	78.8 DEG F

* * * * * END * * * * *

107650 EXXON 26140
9901 GEORGETOWN PIKE
GREAT FALLS VA
703-759-3367

AUG 12, 2009 1:47 PM

SYSTEM STATUS REPORT

ALL FUNCTIONS NORMAL

INVENTORY REPORT

T 1:REGULAR

CAPACITY	=	11495 GALS
VOLUME	=	7688 GALS
ULLAGE	=	3807 GALS
HEIGHT	=	57.47 INCHES
WATER VOL	=	0 GALS
WATER	=	0.00 INCHES
TEMP	=	76.1 DEG F

T 2:PLUS

CAPACITY	=	9596 GALS
VOLUME	=	2996 GALS
ULLAGE	=	6600 GALS
HEIGHT	=	32.70 INCHES
WATER VOL	=	2 GALS
WATER	=	0.25 INCHES
TEMP	=	77.7 DEG F

T 3:SUPER

CAPACITY	=	9596 GALS
VOLUME	=	3964 GALS
ULLAGE	=	5632 GALS
HEIGHT	=	39.78 INCHES
WATER VOL	=	0 GALS
WATER	=	0.02 INCHES
TEMP	=	98.7 DEG F

* * * * * END * * * * *

Work Order: **8264096**

CERTIFICATE OF UNDER GROUND STORAGE TANK SYSTEM TESTING

Crompco, LLC
1815 Gallagher Road
Plymouth Meeting, PA 19462

Phone: (610) 278-7203
Fax: (610) 278-7621

Work Order #243727	Client Information	Location #26140
Date: Fri Aug 28th, 2009 **Reason:** Maintenance **Compliance:** No	FM Facility Maintenance(Accounts Payable(Non-Compliance)) **Invoice #** **Permit#** **P.O.#** 72796204	Exxon Service Station 9901 Georgetown Pike Great Falls, VA 22066-0000 **County:** Fairfax **State ID:** 72628 **VR Air Quality #** 059S0457

Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.

Vapor Recovery - Stage II

Test	Result
Pressure Decay	Fail

Miscellaneous Inspections

Test	Result
Enhanced LD: Tank Top	Pass

Secondary Containment: Lines

Equip #	Grade	Test	Result
1	Regular	Enhanced LD: Product Lines (Outer Wall)	Pass
3	Supreme	Enhanced LD: Product Lines (Outer Wall)	Pass
2	Plus	Enhanced LD: Product Lines (Outer Wall)	Fail

Additional Costs

PARTS: Epoxy Kit, Cap, Cap (3), Fill Adaptor Swivel, Dry Break Swivel (2), Fitting
EXPENSES: Emergency Test
HELIUM DETECTION PORTAL TO PORTAL: Helium Detection Hourly (45)

Comments

-Pressure Decay failure due to a leaking vac motor in dispenser 5/7.
-Plus secondary line failure due to leaking boot in dispenser 6/8 (connection between piping and 90 degree elbow).

Michael Ford

Ray Bailey

Crompco, LLC
1815 Gallagher Road
Plymouth Meeting, PA
19462

Exxon Service Station
Phone: (610) 278-7203
FAX: 610-278-7621

9901 Georgetown Pike
Great Falls, VA 22066-0000
State ID: 72628

Customer Copy
Site #26140 / WO #243727
Fri Aug 28th, 2009

Pressure Decay Test

Result: ☐ Pass ☐ Fail ☐ Inconclusive
Failure Reason: Pressure Decay failure is not due to an underground leak on the Stage II line, but attributed to tank and/or dispenser components

System Info

Vapor Recovery Type: ☐ Balance ☐ Vac Assist ☐ Inactive	Manufacturer: Gilbarco / Marconi CARB Executive Order Number: G-70-150-AE Number of Nozzles: 24 Stage 1 Type: Dual Point	Manifolded: ☐ Yes ☐ No

					Pressure (in H20)					
Grade	Capacity (gal)	Volume Present (gal)	Ullage (gal)	Init. Pressure (in H20)	1.0 min	2.0 min	3.0 min	4.0 min	5.0 min	Allowable
Regular	11495	5949	5546							
Plus	9596	2675	6921							
Premium	9596	3017	6579							
	30687	11641	19046	2.000	2.00	1.95	1.95	1.90	1.90	1.936

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Customer Copy
Site #26140 / WO #243727
Fri Aug 28th, 2009

Enhanced LD: Tank Tops

Date and Time of last fuel delivery: 08/27/2009 pm	**Total Tank Ullage (in gallons):** 19046
Corrections made prior to and during standard MD pressure decay test *(CARB TP-201.3)* Replaced all vapor caps Replaced both dry breaks Replaced Plus ATG cap Tightened Regular and Premium ATG caps	
After pressurizing the system to 1.0" water column, it has been confirmed that helium is present in all areas to be tested. ☐ Yes ☐ No	
Location and reading (in ppm) of any helium leaks at 1.0" water column pressure and repairs made: none	**Location and reading (in ppm) of any helium leaks at 5.0" water column pressure and repairs made:** none
Starting Pressure: 5.0" water column **Pressure (inches of water column) after 10 minutes:** 5	
Result: P	

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State ID: 72628

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Site #26140 / WO #243727
Fri Aug 28th, 2009

Enhanced LD: Product Lines (Outer Wall)

Line Number: 1	**Grade:** Regular **Grade (Other):**
Line Length 130 **Testing Line Length** 130	**Dispenser Range** 1 - 8
Are boots and clamps present and are they capable of being tested? ☐ Yes ☐ No	**If No, Explain:**
Helium holds steady at 1.0 inch water column for 10 minutes? ☐ Yes ☐ No	**Helium holds steady at 5.0 inch water column for 10 minutes?** ☐ Yes ☐ No
Was any helium detected at the dispensers or STP sump using the Varian Helium Detector? ☐ Yes ☐ No	**If Yes, explain what actions were taken to fix the problem:**
Result: ☐ Unknown ☐ Pass ☐ Fail ☐ Inconclusive	

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Plymouth Meeting, PA
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Phone: (610) 278-7203
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State ID: 72628

Customer Copy
Site #26140 / WO #243727
Fri Aug 28th, 2009

Enhanced LD: Product Lines (Outer Wall)

Line Number: 3	**Grade:** Premium **Grade (Other):**
Line Length 130 **Testing Line Length** 130	**Dispenser Range** 1 - 8
Are boots and clamps present and are they capable of being tested? ☐ Yes ☐ No	**If No, Explain:**
Helium holds steady at 1.0 inch water column for 10 minutes? ☐ Yes ☐ No	**Helium holds steady at 5.0 inch water column for 10 minutes?** ☐ Yes ☐ No
Was any helium detected at the dispensers or STP sump using the Varian Helium Detector? ☐ Yes ☐ No	**If Yes, explain what actions were taken to fix the problem:**
Result: ☐ Unknown ☐ Pass ☐ Fail ☐ Inconclusive	

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1815 Gallagher Road
Plymouth Meeting, PA
19462

Exxon Service Station
Phone: (610) 278-7203
FAX: 610-278-7621

9901 Georgetown Pike
Great Falls, VA 22066-0000
State ID: 72628

Customer Copy
Site #26140 / WO #243727
Fri Aug 28th, 2009

Enhanced LD: Product Lines (Outer Wall)

Line Number: 2	**Grade:** Plus **Grade (Other):**
Line Length 130 **Testing Line Length** 130	**Dispenser Range** 1 - 8
Are boots and clamps present and are they capable of being tested? ☐ Yes ☐ No	**If No, Explain:**
Helium holds steady at 1.0 inch water column for 10 minutes? ☐ Yes ☐ No	**Helium holds steady at 5.0 inch water column for 10 minutes?** ☐ Yes ☐ No
Was any helium detected at the dispensers or STP sump using the Varian Helium Detector? ☐ Yes ☐ No	**If Yes, explain what actions were taken to fix the problem:** Readings of 600 PPM in dispenser 6/8. Boot is leaking where line terminates at 90.
Result: ☐ Unknown ☐ Pass ☐ Fail ☐ Inconclusive	

Crompco, LLC
1815 Gallagher Road
Plymouth Meeting, PA
19462

Exxon Service Station
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9901 Georgetown Pike
Great Falls, VA 22066-0000
State ID: 72628

Customer Copy
Site #26140 / WO #243727
Fri Aug 28th, 2009

Site Diagram Labels

1: Tank - 1 12K REG

2: Tank - 2 10K PLUS

3: Tank - 3 10K PREM

4: Block - EXXON SERVICE

5: Block - EXXON STORE

6: Dispenser - 1/3

7: Dispenser - 2/4

8: Dispenser - 5/7

9: Dispenser - 6/8

10: Road - GEORGETOWN PIKE

11: Road - WALKERRD.

DOCUMENT CERTIFICATION

Facility Name: Exxon Service Station

Registration No.: 059S0457

Facility Location: 9901 Georgetown Pike, , VA

Type of Submittal Attached: Vapor Recovery Results

Certification: I certify under the penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering and evaluating the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name of Responsible Official (Print):

Title:
Signature: Date: September 2nd, 2009

APPENDIX B

ANALYTICAL RESULTS
AND
CHAIN OF CUSTODY DOCUMENTATION

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

09/08/09

Technical Report for

ExxonMobil Corporation

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Accutest Job Number: JA25815

Sampling Date: 08/17/09

Report to:

Groundwater & Environmental Services

mmcgaughey@gesonline.com

ATTN: Mary Kay McGaughey

Total number of pages in report: **10**

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 Ops, Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Tony Esposito 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 LabLink@518581 11:48 08-Sep-2009

Sample Summary

ExxonMobil Corporation

Job No: JA25815

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA25815-1	08/17/09	11:32	GK	08/18/09	DW	Drinking Water	26140 POTABLE WELL

Sample Results

Report of Analysis

Accutest LabLink@518581 11:48 08-Sep-2009

Report of Analysis

Client Sample ID:	26140 POTABLE WELL		
Lab Sample ID:	JA25815-1	**Date Sampled:**	08/17/09
Matrix:	DW - Drinking Water	**Date Received:**	08/18/09
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B37113.D	1	08/18/09	MFH	n/a	n/a	V1B1586
Run #2	1B37145.D	10	08/19/09	MFH	n/a	n/a	V1B1588
Run #3	1B37146.D	100	08/19/09	MFH	n/a	n/a	V1B1588

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml
Run #3	5.0 ml

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.4	ug/l	
78-93-3	2-Butanone	ND		5.0	1.5	ug/l	
71-43-2	Benzene	0.76	5.0	0.50	0.12	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.099	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.11	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.076	ug/l	
75-25-2	Bromoform	ND		0.50	0.078	ug/l	
74-83-9	Bromomethane	ND		0.50	0.16	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.13	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.14	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.052	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.099	ug/l	
75-00-3	Chloroethane	ND		0.50	0.21	ug/l	
67-66-3	Chloroform	1.1		0.50	0.058	ug/l	
74-87-3	Chloromethane	ND		0.50	0.19	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.12	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.098	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.067	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.11	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.13	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.088	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.20	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.075	ug/l	
107-06-2	1,2-Dichloroethane	0.49	5.0	0.50	0.099	ug/l	J
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.10	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.12	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.20	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.056	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.12	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

Accutest LabLink@518581 11:48 08-Sep-2009

Report of Analysis

Client Sample ID:	26140 POTABLE WELL		
Lab Sample ID:	JA25815-1	**Date Sampled:**	08/17/09
Matrix:	DW - Drinking Water	**Date Received:**	08/18/09
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
75-71-8	Dichlorodifluoromethane	ND		1.0	0.29	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.092	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.090	ug/l	
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.082	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.091	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.77	100	0.50	0.051	ug/l	
156-59-2	cis-1,2-Dichloroethylene	138 [a]	70	5.0	0.86	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.055	ug/l	
108-20-3	Di-Isopropyl ether	148 [a]		5.0	0.92	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.13	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.087	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.15	ug/l	
110-54-3	Hexane	ND		0.50	0.21	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.62	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.13	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.12	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.11	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1320 [b]		50	8.0	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.66	ug/l	
91-20-3	Naphthalene	0.37		0.50	0.14	ug/l	J
103-65-1	n-Propylbenzene	ND		0.50	0.14	ug/l	
100-42-5	Styrene	ND	100	0.50	0.085	ug/l	
994-05-8	tert-Amyl Methyl Ether	36.8		0.50	0.072	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.067	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.092	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.067	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.052	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.16	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.067	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.92		0.50	0.10	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.13	ug/l	
127-18-4	Tetrachloroethylene	4.9	5.0	0.50	0.15	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.045	ug/l	
79-01-6	Trichloroethylene	3.4	5.0	0.50	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.11	ug/l	
75-65-0	Tertiary Butyl Alcohol	80.9		5.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.099	ug/l	
	m,p-Xylene	ND		1.0	0.12	ug/l	
95-47-6	o-Xylene	0.39		0.50	0.12	ug/l	J

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

Accutest LabLink@518581 11:48 08-Sep-2009

Report of Analysis

Client Sample ID:	26140 POTABLE WELL		
Lab Sample ID:	JA25815-1	**Date Sampled:**	08/17/09
Matrix:	DW - Drinking Water	**Date Received:**	08/18/09
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
1330-20-7	Xylenes (total)	0.46	10000	0.50	0.12	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
2199-69-1	1,2-Dichlorobenzene-d4	93%	91%	92%	78-114%
460-00-4	4-Bromofluorobenzene	103%	102%	101%	77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	unknown	4.43	1.5	ug/l	J
	alkane	4.80	3.1	ug/l	J
	alkane	5.91	4.5	ug/l	J
	alkane	7.27	.94	ug/l	J
	cycloalkane/alkene	9.83	.91	ug/l	J
75-85-4	Amylene Hydrate	10.94	2.7	ug/l	JN
	alkane	12.72	1.8	ug/l	J
	alcohols	12.85	1.4	ug/l	J
	unknown	13.46	13	ug/l	J
	ketones	14.66	1	ug/l	J
	Total TIC, Volatile		30.85	ug/l	J

(a) Result is from Run# 2
(b) Result is from Run# 3

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST

CHAIN OF CUSTODY

2235 Route 130 Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: JA25815

Client Information | **Facility Information**

EXXONMOBIL CORPORATION - Regional Laboratory Program (MD, DE, DC)

Consultants Company Name: GES
Project Name: Xom Great Falls
Address: 2142 Priest Bridge Ct. Suite 5901 Georgetown Pike
City: Crofton State: MD Zip: 21114
City: Great Falls State: VA
Project Contact: Andrea Taylorson-Collins
ExxonMobil Contact: Mike Gec.
Sampler's Name: Greg King
ExxonMobil Contact's Phone #:
Phone #: 1-800-220-3606 Ext. Fax #:
Location ID#: 2-6140 WBS#
AFE #: PO# Line#

Analytical Information

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2SO4	None	Na2SO3	MEOH	Encore	8260 BTEX ☐ MTBE ☐ Naphthalene ☐	624 BTEX ☐ 524 BTEX ☐ MTBE ☐	TPH-GRO 8015B	TPH-DRO 8015B	Lead 6010 ☐ 200.9 ☐ Total ☐ Dissolved ☐	Air - VTO3BTEX TPHF ☐	TO14: BTEX ☐ FULL ☐	ExxonMobil Grass Roots ☐	Soil Disposal Criteria ☐ Oil ☐							
26140	Potable Well	8/12/19	1132	GK	GW	3	X	-1																X	EAA 524.2 Full VOC's Oxy 5	TIC 10				

No Trip Blank Received

TAT # 76486015 7219

Tumaround Time (Business days)

- ☐ Std. 10 Business Days
- ☐ 8 Day RUSH
- ☐ 5 Day RUSH
- ☐ ~~3 Day EMERGENCY~~
- ☐ 2 Day EMERGENCY
- ☒ 1 Day EMERGENCY

Approved By/Date: 24-HRTAT

Emergency T/A is for FAX or Lablink Data

Data Deliverable Information

- ☒ Commercial "A"
- ☐ Commercial "B"
- ☐ Full Deliverables
- ☐ Other
- ☐ FULL CLP
- ☐ State Forms
- ☐ Disk Deliverable Format

Commercial "A" = Results only

Comments / Remarks

#24 hour TAT #

2268

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler: 1	Date Time:	Received by: 1 Fed	Relinquished by: 2 Fed	Date Time: 8/12/19 0916	Received by: 2
Relinquished by: 3	Date Time:	Received by: 3	Relinquished by: 4	Date Time:	Received by: 4
Relinquished by: 5	Date Time:	Received by: 5	Seal #	Preserved where applicable ☐	On Ice ☑ Temp. 3.2°C

TR TR

3.1 3

JA25815: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA25815 **Client:** **Immediate Client Services Action Required:** No

Date / Time Received: 8/18/2009 **Delivery Method:** **Client Service Action Required at Login:** No

Project: **No. Coolers:** 1 **Airbill #'s:**

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:	Infared 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

JA25815: Chain of Custody
Page 2 of 2

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

09/08/09

Technical Report for

ExxonMobil Corporation

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Accutest Job Number: JA25922

Sampling Date: 08/18/09

Report to:

Groundwater & Environmental Services

mmcgaughey@gesonline.com

ATTN: Mary Kay McGaughey

Total number of pages in report: **17**

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 Ops, Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Tony Esposito 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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Section 3: Misc. Forms **14**
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Accutest LabLink@518581 11:49 08-Sep-2009

Sample Summary

ExxonMobil Corporation

Job No: JA25922

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA25922-1	08/18/09	13:00	BL	08/19/09	AQ	Ground Water	MW-1
JA25922-2	08/18/09	14:35	BL	08/19/09	AQ	Ground Water	MW-2
JA25922-3	08/18/09	13:45	BL	08/19/09	AQ	Ground Water	MW-5

Sample Results

Report of Analysis

Accutest LabLink@518581 11:49 08-Sep-2009

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JA25922-1	**Date Sampled:**	08/18/09
Matrix:	AQ - Ground Water	**Date Received:**	08/19/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K154461.D	200	08/20/09	TYG	n/a	n/a	VK5896
Run #2	K154462.D	500	08/20/09	TYG	n/a	n/a	VK5896

	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	200	47	ug/l	
108-88-3	Toluene	ND	200	60	ug/l	
100-41-4	Ethylbenzene	ND	200	54	ug/l	
1330-20-7	Xylene (total)	ND	200	50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	138000 [a]	500	120	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	83%	83%	76-120%
17060-07-0	1,2-Dichloroethane-D4	79%	79%	64-135%
2037-26-5	Toluene-D8	85%	85%	76-117%
460-00-4	4-Bromofluorobenzene	79%	79%	72-122%

(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

Accutest LabLink@518581 11:49 08-Sep-2009

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JA25922-1	**Date Sampled:**	08/18/09
Matrix:	AQ - Ground Water	**Date Received:**	08/19/09
Method:	SW846 8015B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM43372.D	10	08/20/09	AVM	n/a	n/a	GLM1690
Run #2 [a]	LM43338.D	1	08/19/09	AVM	n/a	n/a	GLM1689

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

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	65.7	2.0	0.32	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	101%	109%	68-114%

(a) Confirmation run.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates 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 LabLink@518581 11:49 08-Sep-2009

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JA25922-1	**Date Sampled:**	08/18/09
Matrix:	AQ - Ground Water	**Date Received:**	08/19/09
Method:	SW846-8015 SW846 3510C	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Y16745.D	1	08/20/09	DNM	08/19/09	OP39511	G3Y519
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)	0.182	0.10	0.039	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	106%		34-139%
16416-32-3	Tetracosane-d50	118%		34-141%
438-22-2	5a-Androstane	100%		26-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates 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 LabLink@518581 11:49 08-Sep-2009

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JA25922-2	**Date Sampled:**	08/18/09
Matrix:	AQ - Ground Water	**Date Received:**	08/19/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K154464.D	100	08/20/09	TYG	n/a	n/a	VK5896
Run #2	K154460.D	250	08/20/09	TYG	n/a	n/a	VK5896

	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	100	23	ug/l	
108-88-3	Toluene	ND	100	30	ug/l	
100-41-4	Ethylbenzene	ND	100	27	ug/l	
1330-20-7	Xylene (total)	ND	100	25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	87100 [a]	250	58	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	83%	83%	76-120%
17060-07-0	1,2-Dichloroethane-D4	80%	81%	64-135%
2037-26-5	Toluene-D8	85%	87%	76-117%
460-00-4	4-Bromofluorobenzene	77%	79%	72-122%

(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

Accutest LabLink@518581 11:49 08-Sep-2009

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JA25922-2	**Date Sampled:**	08/18/09
Matrix:	AQ - Ground Water	**Date Received:**	08/19/09
Method:	SW846 8015B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM43371.D	10	08/20/09	AVM	n/a	n/a	GLM1690
Run #2 [a]	LM43370.D	1	08/20/09	AVM	n/a	n/a	GLM1690

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

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	53.9	2.0	0.32	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	99%	106%	68-114%

(a) Confirmation run.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates 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 LabLink@518581 11:49 08-Sep-2009

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JA25922-2	**Date Sampled:**	08/18/09
Matrix:	AQ - Ground Water	**Date Received:**	08/19/09
Method:	SW846-8015 SW846 3510C	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Y16746.D	1	08/20/09	DNM	08/19/09	OP39511	G3Y519
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)	0.145	0.11	0.042	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	96%		34-139%
16416-32-3	Tetracosane-d50	110%		34-141%
438-22-2	5a-Androstane	93%		26-140%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates 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 LabLink@518581 11:49 08-Sep-2009

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	JA25922-3	**Date Sampled:**	08/18/09
Matrix:	AQ - Ground Water	**Date Received:**	08/19/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K154463.D	1	08/20/09	TYG	n/a	n/a	VK5896
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	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.25	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.48	1.0	0.23	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	83%		76-120%
17060-07-0	1,2-Dichloroethane-D4	79%		64-135%
2037-26-5	Toluene-D8	84%		76-117%
460-00-4	4-Bromofluorobenzene	78%		72-122%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates 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 LabLink@518581 11:49 08-Sep-2009

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	JA25922-3	**Date Sampled:**	08/18/09
Matrix:	AQ - Ground Water	**Date Received:**	08/19/09
Method:	SW846 8015B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM43340.D	1	08/19/09	AVM	n/a	n/a	GLM1689
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	0.032	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	100%		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 LabLink@518581 11:49 08-Sep-2009

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	JA25922-3	**Date Sampled:**	08/18/09
Matrix:	AQ - Ground Water	**Date Received:**	08/19/09
Method:	SW846-8015 SW846 3510C	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3Y16747.D	1	08/20/09	DNM	08/19/09	OP39511	G3Y519
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	0.043	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	93%		34-139%
16416-32-3	Tetracosane-d50	104%		34-141%
438-22-2	5a-Androstane	90%		26-140%

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

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST

CHAIN OF CUSTODY

2235 Route 130 Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: JA25922

Client Information | **Facility Information**

EXXONMOBIL CORPORATION - Regional Laboratory Program (MD, DE, DC)

Consultants Company Name: GES	Project Name: YOM 2-6140
Address: 2142 Priest Bridge Ct	Street: 9901 Georgetown Pike
City: Crofton State: MD Zip: 21114	City: Great Falls State: Va
Project Contact: Andrea Taylorson Collins	ExxonMobil Contact: Mike Geci
Sampler's Name: B. Lessner	ExxonMobil Contact's Phone #:
Phone #: 800-220-3606 Ext. Fax #:	Location ID#: WBS#:
AFE #:	PO#: Line#:

Analytical Information

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2SO4	None	Na2SO3	MEOH	Encore	8260 BTEX	624 BTEX ☐	TPH-GRO 8015B	TPH-DRO 8015B	Lead 6010 ☐ 200.9 ☐ Total ☐ Dissolved ☐	Air - VTO3BTEX TPHF ☐	TO14: BTEX ☐ FULL ☐	ExxonMobil Grass Roots ☐	Soil Disposal Criteria ☐ Oil ☐	Naphthalene ☐	MTBE ☐	524 BTEX ☐ MTBE ☐	624 BTEX ☐	TPH-GRO 8015B	TPH-DRO 8015B
	-1 MW-1	8/18/09	1300	BL	GW	8	X								X		X	X							X			X	X
	-2 MW-2	8/18/09	1435			8	X								X		X	X							X			X	X
	~~[illegible]~~	~~8/18/09~~				~~8~~	~~X~~								~~X~~		~~X~~	~~X~~											
	-3 MW-5	8/18/09	1345			8	X								X		X	X							X			X	X
	~~[illegible]~~	~~8/18/09~~				~~8~~	~~X~~								~~X~~		~~X~~	~~X~~											
	~~[illegible]~~	~~8/18/09~~				~~8~~	~~X~~								~~X~~		~~X~~	~~X~~											

Turnaround Time (Business days)

- ☐ Std. 10 Business Days — Approved By:/Date
- ☐ 8 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☒ 1 Day EMERGENCY

Emergency T/A is for FAX or Lablink Data

Data Deliverable Information

- ☒ Commercial "A"
- ☐ Commercial "B"
- ☐ Full Deliverables
- ☐ Other
- ☐ FULL CLP
- ☐ State Forms
- ☐ Disk Deliverable Format

Commercial "A" = Results only

Comments / Remarks

TRK # 8673 7935 8383

2284, R-480

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1 B. Lessner	8/18/09 1530	1 Fed Ex	2 Fed Ex	8/19/09 0915	2 PDL
Relinquished by: 3	Date Time:	Received by: 3	Relinquished by: 4	Date Time:	Received by: 4
Relinquished by: 5	Date Time:	Received by: 5	Seal # —	Preserved where applicable ☐	On Ice ☐ Temp. 3.2°C

1A TR 8/19/09 TR

JA25922: Chain of Custody
Page 1 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA25922 **Client:** GES **Immediate Client Services Action Required:** No

Date / Time Received: 8/19/2009 **Delivery Method:** FedEx **Client Service Action Required at Login:** Yes

Project: XOM 2-6140 **No. Coolers:** 1 **Airbill #'s:** 8673 7935 8383

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:	Infared 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	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	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

-1,2,3 2 OF 2 DRO VOLS REC'D UNDER-PRESERVED. PH APPX 4. PRESERVED IN SPX-MGMT LOT # 2907160.

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA25922: Chain of Custody
Page 2 of 3

Sample Receipt Summary - Problem Resolution

Accutest Job Number: JA25922

CSR: Michelle **Response Date** 8/20/2009

Response: -1 thru -3, Client notified via email, ok to proc'd.

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA25922: Chain of Custody
Page 3 of 3

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

09/08/09

Technical Report for

ExxonMobil Corporation

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Accutest Job Number: JA26215

Sampling Date: 08/20/09

Report to:

Groundwater & Environmental Services

mmcgaughey@gesonline.com

ATTN: Mary Kay McGaughey

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 Ops, Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Tony Esposito 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 LabLink@518581 11:50 08-Sep-2009

Sample Summary

ExxonMobil Corporation

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Job No: JA26215

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA26215-1	08/20/09	13:55	JWP	08/21/09	DW	Drinking Water	131010016-700-INSBRK-AV
JA26215-2	08/20/09	10:55	JWP	08/21/09	DW	Drinking Water	83140025-696-BCKS-LN
JA26215-3	08/20/09	11:03	JWP	08/21/09	DW	Drinking Water FB	FIELD BLANK-JP-01
JA26215-4	08/20/09	15:30	JWP	08/21/09	DW	Drinking Water	83140013-613-DRFLDPND-CT
JA26215-5	08/20/09	00:00	JWP	08/21/09	DW	Drinking Water	DUP-JP-01
JA26215-6	08/20/09	15:30	JWP	08/21/09	DW	Drinking Water TB	TB-JP-01
JA26215-7	08/20/09	14:32	JWP	08/21/09	DW	Drinking Water FB	FB-GR-01
JA26215-8	08/20/09	00:00	JWP	08/21/09	DW	Drinking Water	DUP-GR-01
JA26215-9	08/20/09	14:32	JWP	08/21/09	DW	Drinking Water TB	TB-GR-01
JA26215-10	08/20/09	14:27	JWP	08/21/09	DW	Drinking Water	131030050-805-CNSTLN-DR
JA26215-11	08/20/09	00:00	JWP	08/21/09	DW	Drinking Water	DUP-ATC-01
JA26215-12	08/20/09	11:37	JWP	08/21/09	DW	Drinking Water	13103046-808-GLDNRW-ST
JA26215-13	08/20/09	10:50	JWP	08/21/09	DW	Drinking Water	131030010-809-GLDNRW-ST

Sample Summary
(continued)

ExxonMobil Corporation

Job No: JA26215

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA26215-14	08/20/09	10:55	JWP	08/21/09	DW	Drinking Water FB	FB-ATC-01
JA26215-15	08/20/09	11:37	JWP	08/21/09	DW	Drinking Water TB	TB-ATC-01

Sample Results

Report of Analysis

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	131010016-700-INSBRK-AV		
Lab Sample ID:	JA26215-1	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E42738.D	1	08/24/09	DPP	n/a	n/a	V2E1898
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	131010016-700-INSBRK-AV		
Lab Sample ID:	JA26215-1	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		76-120%
17060-07-0	1,2-Dichloroethane-D4	116%		64-135%
2037-26-5	Toluene-D8	105%		76-117%
460-00-4	4-Bromofluorobenzene	112%		72-122%

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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	83140025-696-BCKS-LN		
Lab Sample ID:	JA26215-2	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E42739.D	1	08/24/09	DPP	n/a	n/a	V2E1898
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	83140025-696-BCKS-LN		
Lab Sample ID:	JA26215-2	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		76-120%
17060-07-0	1,2-Dichloroethane-D4	117%		64-135%
2037-26-5	Toluene-D8	106%		76-117%
460-00-4	4-Bromofluorobenzene	111%		72-122%

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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	FIELD BLANK-JP-01		
Lab Sample ID:	JA26215-3	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water FB	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E42740.D	1	08/24/09	DPP	n/a	n/a	V2E1898
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	FIELD BLANK-JP-01		
Lab Sample ID:	JA26215-3	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water FB	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		76-120%
17060-07-0	1,2-Dichloroethane-D4	119%		64-135%
2037-26-5	Toluene-D8	106%		76-117%
460-00-4	4-Bromofluorobenzene	113%		72-122%

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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	83140013-613-DRFLDPND-CT		
Lab Sample ID:	JA26215-4	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E42741.D	1	08/24/09	DPP	n/a	n/a	V2E1898
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	83140013-613-DRFLDPND-CT		
Lab Sample ID:	JA26215-4	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	0.30	5.0	1.0	0.27	ug/l	J
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		76-120%
17060-07-0	1,2-Dichloroethane-D4	120%		64-135%
2037-26-5	Toluene-D8	106%		76-117%
460-00-4	4-Bromofluorobenzene	112%		72-122%

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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	DUP-JP-01		
Lab Sample ID:	JA26215-5	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E42742.D	1	08/24/09	DPP	n/a	n/a	V2E1898
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	DUP-JP-01		
Lab Sample ID:	JA26215-5	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	116%		76-120%
17060-07-0	1,2-Dichloroethane-D4	121%		64-135%
2037-26-5	Toluene-D8	106%		76-117%
460-00-4	4-Bromofluorobenzene	112%		72-122%

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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	TB-JP-01		
Lab Sample ID:	JA26215-6	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water TB	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E42751.D	1	08/25/09	DPP	n/a	n/a	V2E1899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	TB-JP-01		
Lab Sample ID:	JA26215-6	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water TB	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		76-120%
17060-07-0	1,2-Dichloroethane-D4	114%		64-135%
2037-26-5	Toluene-D8	107%		76-117%
460-00-4	4-Bromofluorobenzene	115%		72-122%

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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	FB-GR-01		
Lab Sample ID:	JA26215-7	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water FB	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E42752.D	1	08/25/09	DPP	n/a	n/a	V2E1899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	FB-GR-01		
Lab Sample ID:	JA26215-7	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water FB	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		76-120%
17060-07-0	1,2-Dichloroethane-D4	117%		64-135%
2037-26-5	Toluene-D8	106%		76-117%
460-00-4	4-Bromofluorobenzene	114%		72-122%

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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	DUP-GR-01		
Lab Sample ID:	JA26215-8	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E42755.D	1	08/25/09	DPP	n/a	n/a	V2E1899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	DUP-GR-01		
Lab Sample ID:	JA26215-8	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		76-120%
17060-07-0	1,2-Dichloroethane-D4	108%		64-135%
2037-26-5	Toluene-D8	106%		76-117%
460-00-4	4-Bromofluorobenzene	112%		72-122%

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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	TB-GR-01		
Lab Sample ID:	JA26215-9	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water TB	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E42756.D	1	08/25/09	DPP	n/a	n/a	V2E1899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	TB-GR-01		
Lab Sample ID:	JA26215-9	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water TB	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		76-120%
17060-07-0	1,2-Dichloroethane-D4	112%		64-135%
2037-26-5	Toluene-D8	107%		76-117%
460-00-4	4-Bromofluorobenzene	115%		72-122%

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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	131030050-805-CNSTLN-DR		
Lab Sample ID:	JA26215-10	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E42764.D	1	08/25/09	DPP	n/a	n/a	V2E1899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	131030050-805-CNSTLN-DR		
Lab Sample ID:	JA26215-10	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		76-120%
17060-07-0	1,2-Dichloroethane-D4	119%		64-135%
2037-26-5	Toluene-D8	106%		76-117%
460-00-4	4-Bromofluorobenzene	114%		72-122%

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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	DUP-ATC-01		
Lab Sample ID:	JA26215-11	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E42763.D	1	08/25/09	DPP	n/a	n/a	V2E1899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.29		1.0	0.23	ug/l	J
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	DUP-ATC-01		
Lab Sample ID:	JA26215-11	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		76-120%
17060-07-0	1,2-Dichloroethane-D4	119%		64-135%
2037-26-5	Toluene-D8	107%		76-117%
460-00-4	4-Bromofluorobenzene	113%		72-122%

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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	13103046-808-GLDNRW-ST		
Lab Sample ID:	JA26215-12	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E42757.D	1	08/25/09	DPP	n/a	n/a	V2E1899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.27		1.0	0.23	ug/l	J
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	13103046-808-GLDNRW-ST		
Lab Sample ID:	JA26215-12	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		76-120%
17060-07-0	1,2-Dichloroethane-D4	114%		64-135%
2037-26-5	Toluene-D8	106%		76-117%
460-00-4	4-Bromofluorobenzene	115%		72-122%

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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	131030010-809-GLDNRW-ST		
Lab Sample ID:	JA26215-13	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E42758.D	1	08/25/09	DPP	n/a	n/a	V2E1899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.41		1.0	0.23	ug/l	J
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	131030010-809-GLDNRW-ST		
Lab Sample ID:	JA26215-13	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		76-120%
17060-07-0	1,2-Dichloroethane-D4	115%		64-135%
2037-26-5	Toluene-D8	108%		76-117%
460-00-4	4-Bromofluorobenzene	115%		72-122%

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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	FB-ATC-01		
Lab Sample ID:	JA26215-14	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water FB	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E42761.D	1	08/25/09	DPP	n/a	n/a	V2E1899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	FB-ATC-01		
Lab Sample ID:	JA26215-14	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water FB	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		76-120%
17060-07-0	1,2-Dichloroethane-D4	116%		64-135%
2037-26-5	Toluene-D8	107%		76-117%
460-00-4	4-Bromofluorobenzene	115%		72-122%

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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	TB-ATC-01		
Lab Sample ID:	JA26215-15	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water TB	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E42762.D	1	08/25/09	DPP	n/a	n/a	V2E1899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:50 08-Sep-2009

Report of Analysis

Client Sample ID:	TB-ATC-01		
Lab Sample ID:	JA26215-15	**Date Sampled:**	08/20/09
Matrix:	DW - Drinking Water TB	**Date Received:**	08/21/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		76-120%
17060-07-0	1,2-Dichloroethane-D4	118%		64-135%
2037-26-5	Toluene-D8	108%		76-117%
460-00-4	4-Bromofluorobenzene	113%		72-122%

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST Laboratories

DW FB WTB

CHAIN OF CUSTODY

2235 Route 130 Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: JA26215

EXXONMOBIL CORPORATION - Regional Laboratory Program (MD, DE, DC)

Client Information	Facility Information
Consultants Company Name: GES, Inc.	Project Name: XOM - Great Falls
Address: 2142 Priest Bridge Ct, Ste 1	Street: 9901 Georgetown Pike
City: Crofton State: MD Zip: 21114	City: Great Falls State: VA
Project Contact: Andrea Taylorson-Collins	ExxonMobil Contact: Mike Geci
Sampler's Name: Jeff Plummer	ExxonMobil Contact's Phone #:
Phone #: 800-220-3606 Ext. Fax #:	Location ID#: 2-6140 WBS#:
AFE #:	PO#: PO pending Line#:

Analytical Information: 8260 BTEX ☐ MTBE ☐ Naphthalene ☐; 624 BTEX ☐ 624 BTEX ☐ MTBE ☐; TPH-GRO 8015B; TPH-DRO 8015B; Lead 6010 ☐ 200.9 ☐ Total ☐ Dissolved ☐; Air - VTO3BTEX TPHF ☐; TO14: BTEX ☐ FULL ☐; ExxonMobil Grass Roots ☐; Soil Disposal Criteria ☐ Oil ☐; Full VOCs w/ OXY[5] + TIC[10] 8260

Accutest Sample #	Field ID / Point of Collection	Collection Date	Time	Sampled by	Matrix	# of bottles	HCL	NaOH	HNO3	H2SO4	None	Na2S2O3	MEOH	Encore	Full VOCs w/ OXY[5] + TIC[10] 8260	
13101 0016-700-INSBRK-AW		8-20-09	1355	JWP	DW	3	X								X	-1
83140025-696-BCKS-LN		8-20-09	1055	JWP	DW	3	X								X	-2
	Field Blank-JP-01	8-20-09	1103	JWP	DI	2	X								X	-3
83140013-613-DRFLDPND-OT		8-20-09	1530	JWP	DW	3	X								X	-4
	Dup-JP-01	8-20-09	—	JWP	DW	3	X								X	-5
	TB-JP-01 *	8-20-09	1545	JWP	DI	2	X								X	-6

Turnaround Time (Business days)

- ☐ Std. 10 Business Days — Approved By:/Date
- ☐ 8 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☐ 1 Day EMERGENCY

Emergency T/A is for FAX or Lablink Data

Data Deliverable Information

- ☒ Commercial "A"
- ☐ Commercial "B"
- ☐ Full Deliverables
- ☐ Other
- ☐ FULL CLP
- ☐ State Forms
- ☐ Disk Deliverable Format _____

Commercial "A" = Results only

Comments / Remarks

* TAT to be determined
See Tony Esposito for TAT

419

8673 7935 7880

* All 8/18/09 0630 8/20/09 (AW)

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler	Date Time	Received by	Relinquished by	Date Time	Received by
1 Jeff Plummer	8-20-09 1802	1 FedX	2 FedX	8/21/09 1030	2 Mathus
3		3	4		4
5		5	Seal #	Preserved where applicable ☐	On Ice ☒ Temp. 2°C

JA26215: Chain of Custody
Page 1 of 4

ACCUTEST Laboratories

DW FB WTB

CHAIN OF CUSTODY

2235 Route 130 Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: JA26215

EXXONMOBIL CORPORATION - Regional Laboratory Program (MD, DE, DC)

Client Information	Facility Information
Consultants Company Name: GES, Inc.	Project Name: XOM Great Falls
Address: 2142 Priest Bridge Ct, Ste 1	Street: 9901 Georgetown Pike
City: Crofton, MD State: State Zip: 21114	City: Great Falls, VA State:
Project Contact: Andrea Fayerson-Collins	ExxonMobil Contact: Mike Hee
Sampler's Name: Gregory Reichart	ExxonMobil Contact's Phone #:
Phone #: 800-220-3606 Ext. Fax #:	Location ID#: 2-6140 WBS#:
AFE #:	PO#: PO pending Line#:

Analytical Information: 8260 BTEX ☐ MTBE ☐ Naphthalene ☐; 624 BTEX ☐ MTBE ☐; TPH-GRO 8015B; TPH-DRO 8015B; Lead 6010 ☐ 200.9 ☐ Total ☐ Dissolved ☐; Air - VTO3BTEX TPHF ☐; TO14: BTEX ☐ FULL ☐; ExxonMobil Grass Roots ☐; Soil Disposal Criteria ☐ Oil ☐; Full Vols, Oxy5, TIC10 8260

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCL	NaOH	HNO3	H2SO4	None	Na2S2O3	MEOH	Encore	8260 BTEX MTBE Naphthalene	624 BTEX MTBE	TPH-GRO 8015B	TPH-DRO 8015B	Lead 6010 200.9 Total Dissolved	Air - VTO3BTEX TPHF	TO14: BTEX FULL	ExxonMobil Grass Roots	Soil Disposal Criteria Oil	Full Vols, Oxy5, TIC10 8260					
—	~~13103005O-805-CN5TL~~	~~8-20-09~~	~~1427~~	~~GR~~	~~DW~~	~~3~~	~~X~~																	~~X~~					
	FB-GR-01	8-20-09	1432	GR	DI	2	X																	X		-	7		
	DUP-GR-01	8-20-09	—	GR	DW	3	X																	X		-	8		
	TB-GR-01	8-20-09	1432	GR	DI	2	X																	X		-	9		
13103005O-805-CN5TL-DR		8-20-09	1427	GR	DW	3	X																	X		-	10		

Turnaround Time (Business days)

- ☐ Std. 10 Business Days — Approved By:/Date
- ☐ 8 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☐ 1 Day EMERGENCY

Emergency T/A is for FAX or Lablink Data

Data Deliverable Information

- ☒ Commercial "A"
- ☐ Commercial "B"
- ☐ Full Deliverables
- ☐ Other
- ☐ FULL CLP
- ☐ State Forms
- ☐ Disk Deliverable Format _____

Commercial "A" = Results only

Comments / Remarks

* TAT to be determined
see Tony Esposito for TAT
• 911 8/18/09 0630 8/20/09 (W)

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler: 1	Date/Time: 8/20/09 1640	Received by: 1 Fed X	Relinquished by: 2 Fed X	Date Time: 8/21/09 1130	Received by: 2
Relinquished by: 3	Date Time:	Received by: 3	Relinquished by: 4	Date Time:	Received by: 4
Relinquished by: 5	Date Time:	Received by: 6	Seal #	Preserved where applicable ☐	On Ice ☐ Temp.

JA26215: Chain of Custody
Page 2 of 4

ACCUTEST Laboratories

AW FB WTB

CHAIN OF CUSTODY

2235 Route 130 Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: JA26215

EXXONMOBIL CORPORATION - Regional Laboratory Program (MD, DE, DC)

Client Information		Facility Information	
Consultants Company Name:	GES, Inc.	Project Name:	XOM - Great Falls
Address	2142 Priest Bridge Ct, Ste 1	Street	9901 Georgetown Pike
City / State / Zip	Crofton, MD 21114	City / State	Great Falls, VA
Project Contact:	Andrea Taylorson-Collins	ExxonMobil Contact:	Mike Heci
Sampler's Name:	Andrea Taylorson-Collins	ExxonMobil Contact's Phone #:	
Phone #: / Ext. / Fax #:	800-220-3606	Location ID# / WBS#	2-6140
AFE #:		PO# / Line#	PO pending

Analytical Information: Naphthalene ☐; 8260 BTEX ☐ MTBE ☐; 624 BTEX ☐ MTBE ☐; TPH-GRO 8015B; TPH-DRO 8015B; Lead 6010 ☐ 200.9 ☐ Total ☐ Dissolved ☐; Air - VTO3BTEX TPHF ☐; TO14: BTEX ☐ FULL ☐; ExxonMobil Grass Roots ☐; Soil Disposal Criteria ☐ Oil ☐; Full VOCs w/ OXY5 + TIC 10 8260.

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCL	NaOH	HNO3	H2SO4	None	Na2S2O3	MEOH	Encore	Full VOCs w/ OXY5 + TIC 10 8260	
	DUP-ATC-01	8/20/09	—	ATC	DW	3	X								X	-11
	131030046-808-GLDNRW-ST		1137													-12
131030010-809-GLDNRW-ST			1050													-13
FB-ATC-01			1055													-14
	TB-ATC-01		1137													-15

Turnaround Time (Business days)

- ☐ Std. 10 Business Days
- ☐ 8 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☐ 1 Day EMERGENCY

Approved By:/Date

Emergency T/A is for FAX or Lablink Data

Data Deliverable information

- ☒ Commercial "A"
- ☐ Commercial "B"
- ☐ Full Deliverables
- ☐ Other
- ☐ FULL CLP
- ☐ State Forms
- ☐ Disk Deliverable Format _____

Commercial "A" = Results only

Comments / Remarks

* TAT to be determined
↳ See Tony Esposito for TAT

8/18/09 0930

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler: 1	Date/Time: 8/20/09 1320	Received by: 1 FedX	Relinquished by: 2 FedX	Date Time: 8/21/09 1030	Received by: 2
Relinquished by: 3	Date Time:	Received by: 3	Relinquished by: 4	Date Time:	Received by: 4
Relinquished by: 5	Date Time:	Received by: 5	Seal #	Preserved where applicable ☐	On Ice ☐ Temp.

3.1 3

JA26215: Chain of Custody
Page 3 of 4

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA26215 **Client:** **Immediate Client Services Action Required:** No

Date / Time Received: 8/21/2009 **Delivery Method:** **Client Service Action Required at Login:** No

Project: **No. Coolers:** 1 **Airbill #'s:**

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:	Infared 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

JA26215: Chain of Custody
Page 4 of 4

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

09/08/09

Technical Report for

ExxonMobil Corporation

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Accutest Job Number: JA26275

Sampling Date: 08/21/09

Report to:

Groundwater & Environmental Services

mmcgaughey@gesonline.com

ATTN: Mary Kay McGaughey

Total number of pages in report: **17**

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 Ops, Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Tony Esposito 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.

Accutest Laboratories is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited.

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Accutest LabLink@518581 11:51 08-Sep-2009

Sample Summary

ExxonMobil Corporation

Job No: JA26275

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA26275-1	08/21/09	09:40	BL	08/22/09	DW	Drinking Water	131030047-804-CNSTLN-DR
JA26275-2	08/21/09	00:00	BL	08/22/09	DW	Drinking Water	DUP-BL-01
JA26275-3	08/21/09	10:45	BL	08/22/09	DW	Drinking Water	131030047-808-CNSTLN-DR
JA26275-4	08/21/09	10:50	BL	08/22/09	DW	Drinking Water FB	FIELD BLANK-BL-01
JA26275-5	08/21/09	10:50	BL	08/22/09	DW	Drinking Water TB	TB-BL-01

Sample Results

Report of Analysis

Accutest LabLink@518581 11:51 08-Sep-2009

Report of Analysis

Client Sample ID:	131030047-804-CNSTLN-DR		
Lab Sample ID:	JA26275-1	**Date Sampled:**	08/21/09
Matrix:	DW - Drinking Water	**Date Received:**	08/22/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3D35832.D	1	08/24/09	TYG	n/a	n/a	V3D1570
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:51 08-Sep-2009

Report of Analysis

Client Sample ID:	131030047-804-CNSTLN-DR		
Lab Sample ID:	JA26275-1	**Date Sampled:**	08/21/09
Matrix:	DW - Drinking Water	**Date Received:**	08/22/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		76-120%
17060-07-0	1,2-Dichloroethane-D4	91%		64-135%
2037-26-5	Toluene-D8	91%		76-117%
460-00-4	4-Bromofluorobenzene	82%		72-122%

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

Accutest LabLink@518581 11:51 08-Sep-2009

Report of Analysis

Client Sample ID:	DUP-BL-01		
Lab Sample ID:	JA26275-2	**Date Sampled:**	08/21/09
Matrix:	DW - Drinking Water	**Date Received:**	08/22/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3D35833.D	1	08/24/09	TYG	n/a	n/a	V3D1570
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:51 08-Sep-2009

Report of Analysis

Client Sample ID:	DUP-BL-01		
Lab Sample ID:	JA26275-2	**Date Sampled:**	08/21/09
Matrix:	DW - Drinking Water	**Date Received:**	08/22/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		76-120%
17060-07-0	1,2-Dichloroethane-D4	92%		64-135%
2037-26-5	Toluene-D8	92%		76-117%
460-00-4	4-Bromofluorobenzene	83%		72-122%

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

Accutest LabLink@518581 11:51 08-Sep-2009

Report of Analysis

Client Sample ID:	131030047-808-CNSTLN-DR		
Lab Sample ID:	JA26275-3	**Date Sampled:**	08/21/09
Matrix:	DW - Drinking Water	**Date Received:**	08/22/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3D35834.D	1	08/24/09	TYG	n/a	n/a	V3D1570
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	0.31		1.0	0.23	ug/l	J
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.29		1.0	0.23	ug/l	J
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:51 08-Sep-2009

Report of Analysis

Client Sample ID:	131030047-808-CNSTLN-DR		
Lab Sample ID:	JA26275-3	**Date Sampled:**	08/21/09
Matrix:	DW - Drinking Water	**Date Received:**	08/22/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		76-120%
17060-07-0	1,2-Dichloroethane-D4	95%		64-135%
2037-26-5	Toluene-D8	93%		76-117%
460-00-4	4-Bromofluorobenzene	83%		72-122%

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

Accutest LabLink@518581 11:51 08-Sep-2009

Report of Analysis

Client Sample ID:	FIELD BLANK-BL-01		
Lab Sample ID:	JA26275-4	**Date Sampled:**	08/21/09
Matrix:	DW - Drinking Water FB	**Date Received:**	08/22/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3D35835.D	1	08/24/09	TYG	n/a	n/a	V3D1570
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:51 08-Sep-2009

Report of Analysis

Client Sample ID:	FIELD BLANK-BL-01		
Lab Sample ID:	JA26275-4	**Date Sampled:**	08/21/09
Matrix:	DW - Drinking Water FB	**Date Received:**	08/22/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		76-120%
17060-07-0	1,2-Dichloroethane-D4	98%		64-135%
2037-26-5	Toluene-D8	94%		76-117%
460-00-4	4-Bromofluorobenzene	83%		72-122%

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

Accutest LabLink@518581 11:51 08-Sep-2009

Report of Analysis

Client Sample ID:	TB-BL-01		
Lab Sample ID:	JA26275-5	**Date Sampled:**	08/21/09
Matrix:	DW - Drinking Water TB	**Date Received:**	08/22/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3D35836.D	1	08/24/09	TYG	n/a	n/a	V3D1570
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:51 08-Sep-2009

Report of Analysis

Client Sample ID:	TB-BL-01		
Lab Sample ID:	JA26275-5	**Date Sampled:**	08/21/09
Matrix:	DW - Drinking Water TB	**Date Received:**	08/22/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		76-120%
17060-07-0	1,2-Dichloroethane-D4	102%		64-135%
2037-26-5	Toluene-D8	95%		76-117%
460-00-4	4-Bromofluorobenzene	83%		72-122%

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST

DW
FB
WTB

CHAIN OF CUSTODY

2235 Route 130 Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: JA26275

Client Information | **Facility Information** | **Analytical Information**

EXXONMOBIL CORPORATION - Regional Laboratory Program (MD, DE, DC)

Consultants Company Name: GES	Project Name: XOM - Great Falls
Address: 2142 Priest Bridge Ct	Street: 9901 Georgetown Pike
City: Crofton State: MD Zip: 21114	City: Great Falls State: Va
Project Contact: Andrea Taylorson Collins	ExxonMobil Contact: Mike Gec
Sampler's Name: B. Lessner	ExxonMobil Contact's Phone #:
Phone #: (800) 220-3606 Ext. Fax #:	Location ID#: 2-6140 WBS#:
AFE #:	PO#: PO Pending Line#:

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2SO4	None	Na2SO4	MEOH	Encore	8260 BTEX ☐ MTBE ☐ Naphthalene ☐	624 BTEX ☐ MTBE ☐	TPH-GRO 8015B	TPH-DRO 8015B	Lead 6010 ☐ 200.9 ☐ Total ☐ Dissolved ☐	Air - VTO3BTEX TPHF ☐	TO14: BTEX ☐ FULL ☐	ExxonMobil Grass Roots ☐	Soil Disposal Criteria ☐ Oil ☐	Full VOC's w/ Oxy's + TIC's 8260						
1310	30047-604-ENSTLN-DR	8/21/09	0940	BL	DW	3	X								-	1								X						
	Dup-BL-01	8/21/09	—	BL	DW	3	X								-	2								X						
1310	30047-608-CNSTLN-DR	8/21/09	1045	BL	DW	3	X								-	3								X						
	Field Blank-BL-01	8/21/09	1050	BL	DW	2	X								-	4								X						
	TB-BL-01	8/21/09		BL	DW	2	X								-	5								X						

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Turnaround Time (Business days)

- ☐ Std. 10 Business Days — Approved By:/Date
- ☐ 8 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☒ 1 Day EMERGENCY

Emergency T/A is for FAX or Lablink Data

Data Deliverable Information

- ☒ Commercial "A"
- ☐ Commercial "B"
- ☐ Full Deliverables
- ☐ Other
- ☐ FULL CLP
- ☐ State Forms
- ☐ Disk Deliverable Format _____

Commercial "A" = Results only

Comments / Remarks

FAX# 8673 7426 0530
TBG 8-18-09 @ 0630 8-22-09

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1 B. Lessner	8/21/09 1600	1 FedX	2 FedX	8-22-09 1000	2 Martino
Relinquished by: 3	Date Time:	Received by: 3	Relinquished by: 4	Date Time:	Received by: 4
Relinquished by: 5	Date Time:	Received by: 5	Seal #	Preserved where applicable ☐	On Ice ☒ Temp 1.8°C

JA26275: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA26275 **Client:** **Immediate Client Services Action Required:** No

Date / Time Received: 8/22/2009 **Delivery Method:** **Client Service Action Required at Login:** No

Project: **No. Coolers:** 1 **Airbill #'s:**

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:	Infared 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

JA26275: Chain of Custody
Page 2 of 2

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

09/08/09

Technical Report for

ExxonMobil Corporation

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Accutest Job Number: JA26329

Sampling Date: 08/22/09

Report to:

Groundwater & Environmental Services

mmcgaughey@gesonline.com

ATTN: Mary Kay McGaughey

Total number of pages in report: **11**

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 Ops, Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Tony Esposito 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 LabLink@518581 11:54 08-Sep-2009

Sample Summary

ExxonMobil Corporation

Job No: JA26329

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA26329-1	08/22/09	09:45	CJM	08/25/09	DW	Drinking Water	131030008-10005-CLMBN-ST
JA26329-2	08/22/09	09:50	CJM	08/25/09	DW	Drinking Water FB	FB-CJM-01

Sample Results

Report of Analysis

Accutest LabLink@518581 11:54 08-Sep-2009

Report of Analysis

Client Sample ID:	131030008-10005-CLMBN-ST		
Lab Sample ID:	JA26329-1	**Date Sampled:**	08/22/09
Matrix:	DW - Drinking Water	**Date Received:**	08/25/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E42814.D	1	08/26/09	DPP	n/a	n/a	V2E1901
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:54 08-Sep-2009

Report of Analysis

Client Sample ID:	131030008-10005-CLMBN-ST		
Lab Sample ID:	JA26329-1	**Date Sampled:**	08/22/09
Matrix:	DW - Drinking Water	**Date Received:**	08/25/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		76-120%
17060-07-0	1,2-Dichloroethane-D4	122%		64-135%
2037-26-5	Toluene-D8	107%		76-117%
460-00-4	4-Bromofluorobenzene	115%		72-122%

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

Accutest LabLink@518581 11:54 08-Sep-2009

Report of Analysis

Client Sample ID:	FB-CJM-01		
Lab Sample ID:	JA26329-2	**Date Sampled:**	08/22/09
Matrix:	DW - Drinking Water FB	**Date Received:**	08/25/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E42815.D	1	08/26/09	DPP	n/a	n/a	V2E1901
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:54 08-Sep-2009

Report of Analysis

Client Sample ID:	FB-CJM-01		
Lab Sample ID:	JA26329-2	**Date Sampled:**	08/22/09
Matrix:	DW - Drinking Water FB	**Date Received:**	08/25/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	115%		76-120%
17060-07-0	1,2-Dichloroethane-D4	123%		64-135%
2037-26-5	Toluene-D8	108%		76-117%
460-00-4	4-Bromofluorobenzene	117%		72-122%

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST. Laboratories

DW FB

CHAIN OF CUSTODY

2235 Route 130 Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: JA26329

Client Information | **Facility Information** | **Analytical Information**

EXXONMOBIL CORPORATION - Regional Laboratory Program (MD, DE, DC)

Consultants Company Name: GES
Project Name: XOM Great Falls
Address: 2142 Priest Bridge Ct, Ste 1
Street: 9901 Georgetown Pike
City: Crofton, MD State: Zip: 21114
City: Great Falls State: VA
Project Contact: Andrea Jefferson-Collins
ExxonMobil Contact: Mike Geci
Sampler's Name: Christopher J. Mulry
ExxonMobil Contact's Phone #:
Phone #: 800-220-3606 Ext. Fax #:
Location ID#: 2-6140 WBS#
AFE #:
PO#: PO pending Line#

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2SO4	None	Na2S2O3	MECH	Encore	8260 BTEX ☐ MTBE ☐ Naphthalene ☐	624 BTEX ☐ 524 BTEX ☐ MTBE ☐	TPH-GRO 8015B	TPH-DRO 8015B	Lead 6010 ☐ 200.9 ☐ Total ☐ Dissolved ☐	Air - VTO3BTEX TPHF ☐	TO14: BTEX ☐ FULL ☐	ExxonMobil Grass Roots ☐	Soil Disposal Criteria ☐ Oil ☐	FULL VOCs, OXYS, TIC" 8260
131030008-10005-CLMBN-ST		8/22/09	0945	CJM	DW	3 5	X	-1																X
	FB-CJM-01	8/22/09	0950	CJM	DI	2	X	-2																X

Turnaround Time (Business days)

- ☐ Std. 10 Business Days
- ☐ 8 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☒ 1 Day EMERGENCY

Approved By:/Date

Emergency T/A is for FAX or Lablink Data

Data Deliverable Information

- ☒ Commercial "A"
- ☐ Commercial "B"
- ☐ Full Deliverables
- ☐ Other
- ☐ FULL CLP
- ☐ State Forms
- ☐ Disk Deliverable Format _____

Commercial "A" = Results only

Comments / Remarks

436

1-DAY TAT

No Trip Blank Received

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1 [signature]	8/24/09	1 FedX	2 FedX	8/25/09 0930	2 [signature]
3		3	4		4
5		5			

Seal # Preserved where applicable ☐ On Ice ☑ Temp. 2.1°C

JA26329: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA26329 **Client:** **Immediate Client Services Action Required:** No

Date / Time Received: 8/25/2009 **Delivery Method:** **Client Service Action Required at Login:** No

Project: **No. Coolers:** 1 **Airbill #'s:**

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:	Infared 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

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Dayton, New Jersey
www/accutest.com

JA26329: Chain of Custody
Page 2 of 2

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

09/08/09

Technical Report for

ExxonMobil Corporation

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Accutest Job Number: JA26561

Sampling Date: 08/25/09

Report to:

Groundwater & Environmental Services

mmcgaughey@gesonline.com

ATTN: Mary Kay McGaughey

Total number of pages in report: **13**

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 Ops, Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Tony Esposito 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 LabLink@518581 11:54 08-Sep-2009

Sample Summary

ExxonMobil Corporation

Job No: JA26561

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA26561-1	08/25/09	13:16	GK	08/27/09	DW	Drinking Water	0131020001A2-721-WLKR-RD
JA26561-2	08/25/09	13:21	GK	08/27/09	DW	Drinking Water	DUP-GK-01
JA26561-3	08/25/09	13:21	GK	08/27/09	DW	Drinking Water TB	TB

Sample Results

Report of Analysis

Accutest LabLink@518581 11:54 08-Sep-2009

Report of Analysis

Client Sample ID:	0131020001A2-721-WLKR-RD		
Lab Sample ID:	JA26561-1	**Date Sampled:**	08/25/09
Matrix:	DW - Drinking Water	**Date Received:**	08/27/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B60087.D	1	08/27/09	MFH	n/a	n/a	V2B2679
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	6.3		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.56		1.0	0.23	ug/l	J
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:54 08-Sep-2009

Report of Analysis

Client Sample ID:	0131020001A2-721-WLKR-RD		
Lab Sample ID:	JA26561-1	**Date Sampled:**	08/25/09
Matrix:	DW - Drinking Water	**Date Received:**	08/27/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	0.53	5.0	1.0	0.27	ug/l	J
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		76-120%
17060-07-0	1,2-Dichloroethane-D4	103%		64-135%
2037-26-5	Toluene-D8	106%		76-117%
460-00-4	4-Bromofluorobenzene	102%		72-122%

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

Accutest LabLink@518581 11:54 08-Sep-2009

Report of Analysis

Client Sample ID:	DUP-GK-01		
Lab Sample ID:	JA26561-2	**Date Sampled:**	08/25/09
Matrix:	DW - Drinking Water	**Date Received:**	08/27/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B60088.D	1	08/27/09	MFH	n/a	n/a	V2B2679
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	6.5		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.62		1.0	0.23	ug/l	J
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:54 08-Sep-2009

Report of Analysis

Client Sample ID:	DUP-GK-01		
Lab Sample ID:	JA26561-2	**Date Sampled:**	08/25/09
Matrix:	DW - Drinking Water	**Date Received:**	08/27/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	0.61	5.0	1.0	0.27	ug/l	J
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		76-120%
17060-07-0	1,2-Dichloroethane-D4	105%		64-135%
2037-26-5	Toluene-D8	107%		76-117%
460-00-4	4-Bromofluorobenzene	103%		72-122%

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

Accutest LabLink@518581 11:54 08-Sep-2009

Report of Analysis

Client Sample ID:	TB		
Lab Sample ID:	JA26561-3	**Date Sampled:**	08/25/09
Matrix:	DW - Drinking Water TB	**Date Received:**	08/27/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B60089.D	1	08/27/09	MFH	n/a	n/a	V2B2679
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:54 08-Sep-2009

Report of Analysis

Client Sample ID:	TB		
Lab Sample ID:	JA26561-3	**Date Sampled:**	08/25/09
Matrix:	DW - Drinking Water TB	**Date Received:**	08/27/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		76-120%
17060-07-0	1,2-Dichloroethane-D4	109%		64-135%
2037-26-5	Toluene-D8	107%		76-117%
460-00-4	4-Bromofluorobenzene	104%		72-122%

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST Laboratories

DW w/to

CHAIN OF CUSTODY

2235 Route 130 Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: JA26561

Client Information | **Facility Information** | **Analytical Information**

EXXONMOBIL CORPORATION - Regional Laboratory Program (MD, DE, DC)

Consultants Company Name: GES, Inc.	Project Name: XOM Great Falls
Address: 2142 Priest Bridge Ct Ste 1	Street: 9901 Georgetown Pike
City: Crofton State: MD Zip: 21114	City: Great Falls State: VA
Project Contact: Andrea Taylorson-Collins	ExxonMobil Contact: Mike Geci
Sampler's Name:	ExxonMobil Contact's Phone #:
Phone #: 800-220-3606 Ext. Fax #:	Location ID#: 2-6140 WBS#:
AFE #:	PO#: PO pending Line#:

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCL	NaOH	HNO3	H2SO4	None	Na2S2O3	MEOH	Encore	8260 BTEX ☐ MTBE ☐ Naphthalene ☐	624 BTEX ☐ 524 BTEX ☐ MTBE ☐	TPH-GRO 8015B	TPH-DRO 8015B	Lead 6010 ☐ 200.9 ☐ Total ☐ Dissolved ☐	Air - VTO3BTEX TPHF ☐	TO14: BTEX ☐ FULL ☐	ExxonMobil Grass Roots ☐	Soil Disposal Criteria ☐ Oil ☐	Full VOCs, OXY5, TIC 10 8260					
01310-20001M2-721-42KA-M		8/25/09	1316	GK	DW	3	X	-1																X					
	Dup-GK-01	8/25/09	1321	GK	DW	3	X	-2																X					
	TB							-3																	TB Called 8/18/09.				
	added to COC																												

Turnaround Time (Business days)

- ☐ Std. 10 Business Days — Approved By/Date
- ☐ 8 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☒ 1 Day EMERGENCY

Emergency T/A is for FAX or Lablink Data

Data Deliverable Information

- ☒ Commercial "A"
- ☐ Commercial "B"
- ☐ Full Deliverables
- ☐ Other
- ☐ FULL CLP
- ☐ State Forms
- ☐ Disk Deliverable Format _____

Commercial "A" = Results only

Comments / Remarks

24 hour TAT
477

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler: 1	Date Time:	Received by: 1	Relinquished by: 2	Date Time:	Received by: 2
				8/27/09 1000	
Relinquished by: 3	**Date Time:**	**Received by: 3**	**Relinquished by: 4**	**Date Time:**	**Received by: 4**
Relinquished by: 5	**Date Time:**	**Received by: 5**	**Seal #** N/A	Preserved where applicable ☐	On Ice ☑ Temp. 2.1°

3.1 3

JA26561: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA26561 **Client:** **Immediate Client Services Action Required:** No

Date / Time Received: 8/27/2009 **Delivery Method:** **Client Service Action Required at Login:** No

Project: **No. Coolers:** 1 **Airbill #'s:**

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:	Infared 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

JA26561: Chain of Custody
Page 2 of 2

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

09/08/09

Technical Report for

ExxonMobil Corporation

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Accutest Job Number: JA26642

Sampling Date: 08/26/09

Report to:

Groundwater & Environmental Services

mmcgaughey@gesonline.com

ATTN: Mary Kay McGaughey

Total number of pages in report: **13**

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 Ops, Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Tony Esposito 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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2.3: JA26642-3: TB 9
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Accutest LabLink@518581 11:55 08-Sep-2009

Sample Summary

ExxonMobil Corporation

Job No: JA26642

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA26642-1	08/26/09	17:50	JJ	08/27/09	DW	Drinking Water	122010018-716-WLKR-RD
JA26642-2	08/26/09	17:55	JJ	08/27/09	DW	Drinking Water FB	FB
JA26642-3	08/26/09	17:55	JJ	08/27/09	DW	Drinking Water TB	TB

Sample Results

Report of Analysis

Accutest LabLink@518581 11:55 08-Sep-2009

Report of Analysis

Client Sample ID:	122010018-716-WLKR-RD		
Lab Sample ID:	JA26642-1	**Date Sampled:**	08/26/09
Matrix:	DW - Drinking Water	**Date Received:**	08/27/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E42914.D	1	08/28/09	DPP	n/a	n/a	V2E1906
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.60		1.0	0.23	ug/l	J
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:55 08-Sep-2009

Report of Analysis

Client Sample ID:	122010018-716-WLKR-RD		
Lab Sample ID:	JA26642-1	**Date Sampled:**	08/26/09
Matrix:	DW - Drinking Water	**Date Received:**	08/27/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	115%		76-120%
17060-07-0	1,2-Dichloroethane-D4	121%		64-135%
2037-26-5	Toluene-D8	106%		76-117%
460-00-4	4-Bromofluorobenzene	112%		72-122%

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

Accutest LabLink@518581 11:55 08-Sep-2009

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	JA26642-2	**Date Sampled:**	08/26/09
Matrix:	DW - Drinking Water FB	**Date Received:**	08/27/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2E42915.D	1	08/28/09	DPP	n/a	n/a	V2E1906
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:55 08-Sep-2009

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	JA26642-2	**Date Sampled:**	08/26/09
Matrix:	DW - Drinking Water FB	**Date Received:**	08/27/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	118%		76-120%
17060-07-0	1,2-Dichloroethane-D4	123%		64-135%
2037-26-5	Toluene-D8	105%		76-117%
460-00-4	4-Bromofluorobenzene	113%		72-122%

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

(a) Sample pH did not satisfy field preservation criteria.

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

Accutest LabLink@518581 11:55 08-Sep-2009

Report of Analysis

Client Sample ID:	TB		
Lab Sample ID:	JA26642-3	**Date Sampled:**	08/26/09
Matrix:	DW - Drinking Water TB	**Date Received:**	08/27/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E42916.D	1	08/28/09	DPP	n/a	n/a	V2E1906
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:55 08-Sep-2009

Report of Analysis

Client Sample ID:	TB		
Lab Sample ID:	JA26642-3	**Date Sampled:**	08/26/09
Matrix:	DW - Drinking Water TB	**Date Received:**	08/27/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	117%		76-120%
17060-07-0	1,2-Dichloroethane-D4	124%		64-135%
2037-26-5	Toluene-D8	106%		76-117%
460-00-4	4-Bromofluorobenzene	113%		72-122%

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST. Laboratories

DW FB WTB

CHAIN OF CUSTODY

2235 Route 130 Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

PN

Accutest Job #: JA26642

Client Information | **Facility Information**

EXXONMOBIL CORPORATION - Regional Laboratory Program (MD, DE, DC)

Consultants Company Name: GES, Inc.
Project Name: XOM Great Falls
Address: 2142 Priest Bridge Ct, Ste 1
Street: 9901 Georgetown Pike
City: Crofton, MD State: MD Zip: 21114
City: Great Falls, VA State:
Project Contact: Andrea Jefferson-Collins
ExxonMobil Contact: Mike Beci
Sampler's Name:
ExxonMobil Contact's Phone #:
Phone #: 800-220-3606 Ext. Fax #:
Location ID#: 2-6140 WBS#:
AFE #:
PO#: PO pending Line#:

Analytical Information: 8260 BTEX ☐ MTBE ☐ Naphthalene ☐; 524 BTEX ☐ MTBE ☐; TPH-GRO 8015B; TPH-DRO 8015B; Lead 6010 ☐ 200.9 ☐ Total ☐ Dissolved ☐; Air - VTO3BTEX TPHF ☐; TO14: BTEX ☐ FULL ☐; ExxonMobil Grass Roots ☐; Soil Disposal Criteria ☐ Oil ☐; FULL VOCs, OXYS, TIC 8260

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCL	NaOH	HNO3	H2SO4	None	Na2S2O3	MEOH	Encore	8260 BTEX MTBE Naphthalene	524 BTEX MTBE	TPH-GRO 8015B	TPH-DRO 8015B	Lead 6010 200.9 Total Dissolved	Air - VTO3BTEX TPHF	TO14: BTEX FULL	ExxonMobil Grass Roots	Soil Disposal Criteria Oil	FULL VOCs, OXYS, TIC 8260
-1	12201001 8-716-WLKR-RD	8/26/09	1750	JJ	DW	3	X																	X
-2	FB	↓	1755			2					X													
-3	TB	8/18/09	0630			2	X																	

Turnaround Time (Business days)

- ☐ Std. 10 Business Days
- ☐ 8 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☑ 1 Day EMERGENCY

Approved By:/Date

Emergency T/A is for FAX or Lablink Data

Data Deliverable Information

- ☒ Commercial "A"
- ☐ Commercial "B"
- ☐ Full Deliverables
- ☐ Other
- ☐ FULL CLP
- ☐ State Forms
- ☐ Disk Deliverable Format

Commercial "A" = Results only

Comments / Remarks

24 HR TAT

487

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1	8/27/09	1	2	8-27-09 1200	2
Relinquished by:	Date Time: 8-27-9 1900	Received by:	Relinquished by:	Date Time:	Received by:
			4		4
Relinquished by:	Date Time:	Received by:	Seal #	Preserved where applicable ☐	On Ice ☑
5		5			

JA26642: Chain of Custody
Page 1 of 2

ACCUTEST Laboratories

DW FB WTB

CHAIN OF CUSTODY

2235 Route 130 Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

PN

Accutest Job #: JA26642

Client Information | **Facility Information**

EXXONMOBIL CORPORATION - Regional Laboratory Program (MD, DE, DC)

Consultants Company Name: GES, Inc.	Project Name: XOM Great Falls
Address: 3142 Priest Bridge Ct, Ste 1	Street: 9901 Georgetown Pike
City: Crofton, MD State: Zip: 21114	City: Great Falls, VA State:
Project Contact: Andrea Taylorson-Collins	ExxonMobil Contact: Mike Geci
Sampler's Name:	ExxonMobil Contact's Phone #:
Phone #: 800-220-3606 Ext. Fax #:	Location ID#: 2-6140 WBS#:
AFE #:	PO#: PO pending Line#:

Analytical Information: 8260 BTEX ☐ MTBE ☐ Naphthalene ☐; 624 BTEX ☐ MTBE ☐; TPH-GRO 8015B; TPH-DRO 8015B; Lead 6010 ☐ 200.9 ☐ Total ☐ Dissolved ☐; Air - VTO3BTEX TPHF ☐; TO14: BTEX ☐ FULL ☐; ExxonMobil Grass Roots ☐; Soil Disposal Criteria ☐ Oil ☐; Full VOCs, Oxys, TIC 8260

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCL	NaOH	HNO3	H2SO4	None	Na2SO4	MEOH	Encore	8260 BTEX MTBE Naphthalene	624 BTEX MTBE	TPH-GRO 8015B	TPH-DRO 8015B	Lead 6010 200.9 Total Dissolved	Air - VTO3BTEX TPHF	TO14: BTEX FULL	ExxonMobil Grass Roots	Soil Disposal Criteria Oil	Full VOCs, Oxys, TIC 8260
-1	122010018-716-WLKR-RO	8/26/09	1750	JJ	DW	3	X																	X
-2	FB	↓	1755			2					X													
-3	TB	8/18/09	0630			2	X																	

Turnaround Time (Business days)

- ☐ Std. 10 Business Days
- ☐ 8 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day EMERGENCY
- ☐ 2 Day EMERGENCY
- ☑ 1 Day EMERGENCY

Approved By:/Date

Emergency T/A is for FAX or Lablink Data

Data Deliverable Information

- ☑ Commercial "A"
- ☐ Commercial "B"
- ☐ Full Deliverables
- ☐ Other
- ☐ FULL CLP
- ☐ State Forms
- ☐ Disk Deliverable Format _____

Commercial "A" = Results only

Comments / Remarks

24 HR TAT

487

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler: 1	Date Time: 8/27/9	Received by: 1	Relinquished by: 2	Date Time: 9-27-09 12	Received by:
Relinquished by: 3	Date Time: 8-27-9 1900	Received by: 4	Relinquished by: 4	Date Time:	Received by: 4
Relinquished by: 5	Date Time:	Received by: 5	Seal #	Preserved where applicable ☐	On Ice ☑ Temp.

JA26642: Chain of Custody
Page 2 of 2

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

09/08/09

Technical Report for

ExxonMobil Corporation

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Accutest Job Number: JA26811

Sampling Date: 08/28/09

Report to:

Groundwater & Environmental Services

mmcgaughey@gesonline.com

ATTN: Mary Kay McGaughey

Total number of pages in report: **16**

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 Ops, Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Tony Esposito 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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2.3: JA26811-3: DUP-JJ-01 9
2.4: JA26811-4: TB-JJ-01 11
Section 3: Misc. Forms **13**
3.1: Chain of Custody 14

Accutest LabLink@518581 11:56 08-Sep-2009

Sample Summary

ExxonMobil Corporation

Job No: JA26811

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA26811-1	08/28/09	08:18	JJ	08/29/09	DW	Drinking Water	0131010015-9818-GRCTWNPK
JA26811-2	08/28/09	08:20	JJ	08/29/09	DW	Drinking Water FB	FB-JJ-01
JA26811-3	08/28/09	00:00	JJ	08/29/09	DW	Drinking Water	DUP-JJ-01
JA26811-4	08/28/09	08:20	JJ	08/29/09	DW	Drinking Water TB	TB-JJ-01

Sample Results

Report of Analysis

Accutest LabLink@518581 11:56 08-Sep-2009

Report of Analysis

Client Sample ID:	0131010015-9818-GRCTWNPK		
Lab Sample ID:	JA26811-1	**Date Sampled:**	08/28/09
Matrix:	DW - Drinking Water	**Date Received:**	08/29/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A80499.D	1	08/31/09	TGE	n/a	n/a	V1A3427
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	4.9		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:56 08-Sep-2009

Report of Analysis

Client Sample ID:	0131010015-9818-GRCTWNPK		
Lab Sample ID:	JA26811-1	**Date Sampled:**	08/28/09
Matrix:	DW - Drinking Water	**Date Received:**	08/29/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		76-120%
17060-07-0	1,2-Dichloroethane-D4	108%		64-135%
2037-26-5	Toluene-D8	101%		76-117%
460-00-4	4-Bromofluorobenzene	101%		72-122%

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

Accutest LabLink@518581 11:56 08-Sep-2009

Report of Analysis

Client Sample ID:	FB-JJ-01		
Lab Sample ID:	JA26811-2	**Date Sampled:**	08/28/09
Matrix:	DW - Drinking Water FB	**Date Received:**	08/29/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1A80500.D	1	08/31/09	TGE	n/a	n/a	V1A3427
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:56 08-Sep-2009

Report of Analysis

Client Sample ID:	FB-JJ-01		
Lab Sample ID:	JA26811-2	**Date Sampled:**	08/28/09
Matrix:	DW - Drinking Water FB	**Date Received:**	08/29/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		76-120%
17060-07-0	1,2-Dichloroethane-D4	109%		64-135%
2037-26-5	Toluene-D8	100%		76-117%
460-00-4	4-Bromofluorobenzene	100%		72-122%

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

(a) Sample pH did not satisfy field preservation criteria.

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

Accutest LabLink@518581 11:56 08-Sep-2009

Report of Analysis

Client Sample ID:	DUP-JJ-01		
Lab Sample ID:	JA26811-3	**Date Sampled:**	08/28/09
Matrix:	DW - Drinking Water	**Date Received:**	08/29/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A80501.D	1	08/31/09	TGE	n/a	n/a	V1A3427
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	5.1		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:56 08-Sep-2009

Report of Analysis

Client Sample ID:	DUP-JJ-01		
Lab Sample ID:	JA26811-3	**Date Sampled:**	08/28/09
Matrix:	DW - Drinking Water	**Date Received:**	08/29/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		76-120%
17060-07-0	1,2-Dichloroethane-D4	112%		64-135%
2037-26-5	Toluene-D8	102%		76-117%
460-00-4	4-Bromofluorobenzene	99%		72-122%

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

Accutest LabLink@518581 11:56 08-Sep-2009

Report of Analysis

Client Sample ID:	TB-JJ-01		
Lab Sample ID:	JA26811-4	**Date Sampled:**	08/28/09
Matrix:	DW - Drinking Water TB	**Date Received:**	08/29/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A80502.D	1	08/31/09	TGE	n/a	n/a	V1A3427
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:56 08-Sep-2009

Report of Analysis

Client Sample ID:	TB-JJ-01		
Lab Sample ID:	JA26811-4	**Date Sampled:**	08/28/09
Matrix:	DW - Drinking Water TB	**Date Received:**	08/29/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	115%		76-120%
17060-07-0	1,2-Dichloroethane-D4	113%		64-135%
2037-26-5	Toluene-D8	101%		76-117%
460-00-4	4-Bromofluorobenzene	100%		72-122%

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST Laboratories

CHAIN OF CUSTODY

2235 Route 130 Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

DW
FB
WTB

Accutest Job #: JA26811

EXXONMOBIL CORPORATION - Regional Laboratory Program (MD, DE, DC)

Client Information	Facility Information
Consultants Company Name: GES, Inc.	Project Name: XOM Great Falls
Address: 2147 Priest Bridge Ct, Ste 1	Street: 9901 Georgetown Pike
City: Crofton State: MD Zip: 21114	City: Great Falls State: VA
Project Contact: Andrea Fagerson-Collins	ExxonMobil Contact: Mike Lee
Sampler's Name:	ExxonMobil Contact's Phone #:
Phone #: 800-220-3606 Ext. Fax #:	Location ID#: 7-6140 WBS#:
AFE #:	PO#: PO pending Line#:

Analytical Information: Naphthalene ☐; MTBE ☐; 8260 BTEX ☐; MTBE ☐; 524 BTEX ☐; 624 BTEX ☐; TPH-GRO 8015B; TPH-DRO 8015B; Lead 6010 ☐ 200.9 ☐ Total ☐ Dissolved ☐; Air - VTO3BTEX TPHF ☐; TO14: BTEX ☐ FULL ☐; ExxonMobil Grass Roots ☐; Soil Disposal Criteria ☐ Oil ☐; Full VOCs, Oxy's, TPC

Accutest Sample #	Field ID / Point of Collection	Collection Date	Time	Sampled by	Matrix	# of bottles	HCL	NaOH	HNO3	H2SO4	None	Na2SO4	MEOH	Encore	Full VOCs, Oxy's, TPC
-1	013101015-9918-GREENTAN PK	8/28/09	0818	JJ	DW	3	X								X
-2	FB-JJ-01	8/28/09	0800	JJ	water	2	X								X
-3	DUP-JJ-01	8/28/09		JJ	water	3	X								X
-4	TB-JJ-01	8/28/09	0630	JJ	water	2	X								X

Turnaround Time (Business days)

- ☐ Std. 10 Business Days
- ☐ 8 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☑ 1 Day EMERGENCY

Approved By:/Date

Emergency T/A is for FAX or Lablink Data

Data Deliverable Information

- ☒ Commercial "A"
- ☐ Commercial "B"
- ☐ Full Deliverables
- ☐ Other
- ☐ FULL CLP
- ☐ State Forms
- ☐ Disk Deliverable Format _____

Commercial "A" = Results only

Comments / Remarks

8648 6015 7620 4995

8/18

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1 8/28/09	1300	1 Ed X	2 Ed X	8/28/09 1300	2
Relinquished by: 3	Date Time:	Received by: 3	Relinquished by: 4	Date Time:	Received by: 4
Relinquished by: 5	Date Time:	Received by: 5	Seal # client, intact	Preserved where applicable ☐	On Ice ☑ Temp. 2 °C

3.1 3

JA26811: Chain of Custody
Page 1 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA26811 **Client:** GES-MD **Immediate Client Services Action Required:** No

Date / Time Received: 8/29/2009 1030 **Delivery Method:** FedEx **Client Service Action Required at Login:** Yes

Project: XOM-26140 **No. Coolers:** 1 **Airbill #'s:**

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:	Infared 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

-2 FB, REC'D 2 N/P VO

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA26811: Chain of Custody
Page 2 of 3

Sample Receipt Summary - Problem Resolution

Accutest Job Number: JA26811

CSR: **Response Date**

Response:

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA26811: Chain of Custody
Page 3 of 3

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

09/08/09

Technical Report for

ExxonMobil Corporation

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Accutest Job Number: JA26837

Sampling Date: 08/31/09

Report to:

Groundwater & Environmental Services

mmcgaughey@gesonline.com

ATTN: Mary Kay McGaughey

Total number of pages in report: **18**

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 Ops, Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Tony Esposito 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.

Accutest Laboratories is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited.

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Accutest LabLink@518581 11:57 08-Sep-2009

Sample Summary

ExxonMobil Corporation

Job No: JA26837

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA26837-1	08/31/09	10:30	TD	09/01/09	DW	Drinking Water	131030003-808-GLDNRW-ST
JA26837-2	08/31/09	11:35	TD	09/01/09	DW	Drinking Water	131030046-808-CNSTLN-DR
JA26837-3	08/31/09	12:25	TD	09/01/09	DW	Drinking Water	131030002-804-GLDNRW-ST
JA26837-4	08/31/09	00:00	TD	09/01/09	DW	Drinking Water	DUP-TD-01
JA26837-5	08/31/09	12:35	TD	09/01/09	DW	Drinking Water TB	TB-TD-01

Sample Results

Report of Analysis

Accutest LabLink@518581 11:57 08-Sep-2009

Report of Analysis

Client Sample ID:	131030003-808-GLDNRW-ST		
Lab Sample ID:	JA26837-1	**Date Sampled:**	08/31/09
Matrix:	DW - Drinking Water	**Date Received:**	09/01/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E43074.D	1	09/02/09	DPP	n/a	n/a	V2E1913
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:57 08-Sep-2009

Report of Analysis

Client Sample ID:	131030003-808-GLDNRW-ST		
Lab Sample ID:	JA26837-1	**Date Sampled:**	08/31/09
Matrix:	DW - Drinking Water	**Date Received:**	09/01/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		76-120%
17060-07-0	1,2-Dichloroethane-D4	108%		64-135%
2037-26-5	Toluene-D8	101%		76-117%
460-00-4	4-Bromofluorobenzene	106%		72-122%

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

Accutest LabLink@518581 11:57 08-Sep-2009

Report of Analysis

Client Sample ID:	131030046-808-CNSTLN-DR		
Lab Sample ID:	JA26837-2	**Date Sampled:**	08/31/09
Matrix:	DW - Drinking Water	**Date Received:**	09/01/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E43075.D	1	09/02/09	DPP	n/a	n/a	V2E1913
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.34		1.0	0.23	ug/l	J
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:57 08-Sep-2009

Report of Analysis

Client Sample ID:	131030046-808-CNSTLN-DR		
Lab Sample ID:	JA26837-2	**Date Sampled:**	08/31/09
Matrix:	DW - Drinking Water	**Date Received:**	09/01/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		76-120%
17060-07-0	1,2-Dichloroethane-D4	109%		64-135%
2037-26-5	Toluene-D8	100%		76-117%
460-00-4	4-Bromofluorobenzene	105%		72-122%

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

Accutest LabLink@518581 11:57 08-Sep-2009

Report of Analysis

Client Sample ID:	131030002-804-GLDNRW-ST		
Lab Sample ID:	JA26837-3	**Date Sampled:**	08/31/09
Matrix:	DW - Drinking Water	**Date Received:**	09/01/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E43076.D	1	09/02/09	DPP	n/a	n/a	V2E1913
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:57 08-Sep-2009

Report of Analysis

Client Sample ID:	131030002-804-GLDNRW-ST		
Lab Sample ID:	JA26837-3	**Date Sampled:**	08/31/09
Matrix:	DW - Drinking Water	**Date Received:**	09/01/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		76-120%
17060-07-0	1,2-Dichloroethane-D4	112%		64-135%
2037-26-5	Toluene-D8	101%		76-117%
460-00-4	4-Bromofluorobenzene	105%		72-122%

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

Accutest LabLink@518581 11:57 08-Sep-2009

Report of Analysis

Client Sample ID:	DUP-TD-01		
Lab Sample ID:	JA26837-4	**Date Sampled:**	08/31/09
Matrix:	DW - Drinking Water	**Date Received:**	09/01/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E43077.D	1	09/02/09	DPP	n/a	n/a	V2E1913
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:57 08-Sep-2009

Report of Analysis

Client Sample ID:	DUP-TD-01		
Lab Sample ID:	JA26837-4	**Date Sampled:**	08/31/09
Matrix:	DW - Drinking Water	**Date Received:**	09/01/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		76-120%
17060-07-0	1,2-Dichloroethane-D4	112%		64-135%
2037-26-5	Toluene-D8	102%		76-117%
460-00-4	4-Bromofluorobenzene	103%		72-122%

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

Accutest LabLink@518581 11:57 08-Sep-2009

Report of Analysis

Client Sample ID:	TB-TD-01		
Lab Sample ID:	JA26837-5	**Date Sampled:**	08/31/09
Matrix:	DW - Drinking Water TB	**Date Received:**	09/01/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E43078.D	1	09/02/09	DPP	n/a	n/a	V2E1913
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@518581 11:57 08-Sep-2009

Report of Analysis

Client Sample ID:	TB-TD-01		
Lab Sample ID:	JA26837-5	**Date Sampled:**	08/31/09
Matrix:	DW - Drinking Water TB	**Date Received:**	09/01/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		76-120%
17060-07-0	1,2-Dichloroethane-D4	114%		64-135%
2037-26-5	Toluene-D8	101%		76-117%
460-00-4	4-Bromofluorobenzene	103%		72-122%

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

FD
TB
DW

ACCUTEST Laboratories

CHAIN OF CUSTODY

2235 Route 130 Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: JA26837

Client Information | **Facility Information**

EXXONMOBIL CORPORATION - Regional Laboratory Program (MD, DE, DC)

Consultants Company Name: GES, Inc.	Project Name: XOM Great Falls
Address: 2142 Priest Bridge Ct, Ste 1	Street: 9901 Georgetown Pike
City: Crofton, State: MD, Zip: 21114	City: Great Falls, State: VA
Project Contact: Andrea Taylorson-Collins	ExxonMobil Contact: Mike Heci
Sampler's Name: Tim Davis	ExxonMobil Contact's Phone #:
Phone #: 800-220-3606 Ext. Fax #:	Location ID#: 2-6140 WBS#:
AFE #:	PO#: PO pending Line#:

Analytical Information: 8260 BTEX ☐ MTBE ☐ Naphthalene ☐; 624 BTEX ☐ 524 BTEX ☐ MTBE ☐; TPH-GRO 8015B; TPH-DRO 8015B; Lead 6010 ☐ 200.9 ☐ Total ☐ Dissolved ☐; Air - VTO3BTEX TPHF ☐; TO14: BTEX ☐ FULL ☐; ExxonMobil Grass Roots ☐; Soil Disposal Criteria ☐ Oil ☐; Full VOCs, Oxy's TIC

Accutest Sample #	Field ID / Point of Collection	Collection Date	Time	Sampled by	Matrix	# of bottles	HCL	NaOH	HNO3	H2SO4	None	NaHSO4	MEOH	Encore	8260 BTEX	624 BTEX	TPH-GRO 8015B	TPH-DRO 8015B	Lead 6010	Air - VTO3BTEX	TO14: BTEX	ExxonMobil Grass Roots	Soil Disposal Criteria	Full VOCs, Oxy's TIC					
	~~13103004 6-808~~ TD				~~DW~~	~~3~~	~~X~~ TD																	X TD				809	
-1	13103004 6-808-GLDNRW-ST	8/31/09	1030	TD	DW	3	X																	X					
-2	13103004 7-804-CUSTEW-DR	8/31/09	1135	TD	DW	3	X																	X					
-3	13103002-804-GLDNRW-ST	8/31/09	1225	TD	DW	3	X																	X					
-4	FD-TD-01	8/31/09		TD	DW	3	X																	X					
	~~Trip L~~ TD																												
-5	TB-TD-01	8/31/09		TD	DW	1																		X					

Turnaround Time (Business days)

- ☐ Std. 10 Business Days — Approved By/Date
- ☐ 8 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☒ 1 Day EMERGENCY — TD / 8/31/09

Emergency T/A is for FAX or Lablink Data

Data Deliverable Information

- ☒ Commercial "A"
- ☐ Commercial "B"
- ☐ Full Deliverables
- ☐ Other
- ☐ FULL CLP
- ☐ State Forms
- ☐ Disk Deliverable Format _____

Commercial "A" = Results only

Comments / Remarks

Contact Andrea Taylorson-Collins for TAT approval

TB filled 8/18/09 @0630 TD 9/1/09

Tk/C #868886503156

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1	8/31/09 1730	1	2	9/1/09 0945	2
Relinquished by: 3	Date Time:	Received by: 3	Relinquished by: 4	Date Time:	Received by: 4
Relinquished by: 5	Date Time:	Received by: 5	Seal #	Preserved where applicable ☐	On Ice ☒ Temp. 4.4°C

B TR

Job Change Order: JA26837_9/3/2009

Requested Date:	9/3/2009	**Received Date:**	9/1/2009
Account Name:	ExxonMobil Corporation	**Due Date:**	9/2/2009
Project Description:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great	**Deliverable:**	COMMA
CSR:	TE	**TAT (Days):**	1

Sample #: JA26837-1 **Change:** Change the sample ID to 131030003-808-GLDNRW-ST. The final report must be closed on 9/3

131030046-808-GLDNRW-ST

Sample #: JA26837-2 **Change:** Change the sample ID to 131030046-808-CNSTLN-DR. The final report must be closed on 9/3

131030047-804-CNSTLN-DR

Sample #: JA26837-3 **Change:** Change the sample ID to 131030002-804-GLDNRW-ST. The final report must be closed on 9/3

13103002-804-GLDNRW-ST

Sample #: JA26837-4 **Change:** Change the sample ID to DUP-TD-01, also revise the matrix. The final report must be closed on 9/3

FB-TD-01

Above Changes Andrea Taylorson-Collins **Date:** 9/3/2009

To Client: This Change Order is confirmation of the revisions, previously discussed with the Accutest Client Service Representative.

Page 1 of 1

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA26837 **Client:** **Immediate Client Services Action Required:** No

Date / Time Received: 9/1/2009 **Delivery Method:** **Client Service Action Required at Login:** No

Project: **No. Coolers:** 1 **Airbill #'s:**

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:	Infared 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

JA26837: Chain of Custody
Page 3 of 3

New Jersey ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

09/10/09

Technical Report for

ExxonMobil Corporation

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Accutest Job Number: JA27336

Sampling Date: 09/03/09

Report to:

Groundwater & Environmental Services

mmcgaughey@gesonline.com

ATTN: Mary Kay McGaughey

Total number of pages in report: **22**

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 Ops, Laboratory Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Tony Esposito 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 LabLink@519164 15:52 10-Sep-2009

Sample Summary

ExxonMobil Corporation

Job No: JA27336

GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA27336-1	09/03/09	09:10	TD	09/04/09	DW	Drinking Water	0131020018-716-WLKR-RD
JA27336-2	09/03/09	10:00	TD	09/04/09	DW	Drinking Water	013020001A2-721-WLKR-RD
JA27336-3	09/03/09	10:55	TD	09/04/09	DW	Drinking Water	13103009-805-GLDNRW-ST
JA27336-4	09/03/09	12:30	TD	09/04/09	DW	Drinking Water	131030053-817-CNSTLN-DR
JA27336-5	09/03/09	15:10	TD	09/04/09	DW	Drinking Water	0131020001A1-719WLKR-RD
JA27336-6	09/03/09	00:00	TD	09/04/09	DW	Drinking Water	DUP-TD-02
JA27336-7	09/03/09	15:10	TD	09/04/09	DW	Drinking Water TB	TB-TD-02

Sample Results

Report of Analysis

Accutest LabLink@519164 15:52 10-Sep-2009

Report of Analysis

Client Sample ID:	0131020018-716-WLKR-RD		
Lab Sample ID:	JA27336-1	**Date Sampled:**	09/03/09
Matrix:	DW - Drinking Water	**Date Received:**	09/04/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E155792.D	1	09/09/09	OTR	n/a	n/a	VE6863
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@519164 15:52 10-Sep-2009

Report of Analysis

Client Sample ID:	0131020018-716-WLKR-RD		
Lab Sample ID:	JA27336-1	**Date Sampled:**	09/03/09
Matrix:	DW - Drinking Water	**Date Received:**	09/04/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		76-120%
17060-07-0	1,2-Dichloroethane-D4	104%		64-135%
2037-26-5	Toluene-D8	98%		76-117%
460-00-4	4-Bromofluorobenzene	104%		72-122%

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

Accutest LabLink@519164 15:52 10-Sep-2009

Report of Analysis

Client Sample ID:	013020001A2-721-WLKR-RD		
Lab Sample ID:	JA27336-2	**Date Sampled:**	09/03/09
Matrix:	DW - Drinking Water	**Date Received:**	09/04/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E155793.D	1	09/09/09	OTR	n/a	n/a	VE6863
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	5.9		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@519164 15:52 10-Sep-2009

Report of Analysis

Client Sample ID:	013020001A2-721-WLKR-RD		
Lab Sample ID:	JA27336-2	**Date Sampled:**	09/03/09
Matrix:	DW - Drinking Water	**Date Received:**	09/04/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		76-120%
17060-07-0	1,2-Dichloroethane-D4	107%		64-135%
2037-26-5	Toluene-D8	98%		76-117%
460-00-4	4-Bromofluorobenzene	106%		72-122%

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

Accutest LabLink@519164 15:52 10-Sep-2009

Report of Analysis

Client Sample ID:	13103009-805-GLDNRW-ST		
Lab Sample ID:	JA27336-3	**Date Sampled:**	09/03/09
Matrix:	DW - Drinking Water	**Date Received:**	09/04/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E155794.D	1	09/09/09	OTR	n/a	n/a	VE6863
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@519164 15:52 10-Sep-2009

Report of Analysis

Client Sample ID:	13103009-805-GLDNRW-ST		
Lab Sample ID:	JA27336-3	**Date Sampled:**	09/03/09
Matrix:	DW - Drinking Water	**Date Received:**	09/04/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		76-120%
17060-07-0	1,2-Dichloroethane-D4	110%		64-135%
2037-26-5	Toluene-D8	100%		76-117%
460-00-4	4-Bromofluorobenzene	106%		72-122%

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

Accutest LabLink@519164 15:52 10-Sep-2009

Report of Analysis

Client Sample ID:	131030053-817-CNSTLN-DR		
Lab Sample ID:	JA27336-4	**Date Sampled:**	09/03/09
Matrix:	DW - Drinking Water	**Date Received:**	09/04/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E155795.D	1	09/09/09	OTR	n/a	n/a	VE6863
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@519164 15:52 10-Sep-2009

Report of Analysis

Client Sample ID:	131030053-817-CNSTLN-DR		
Lab Sample ID:	JA27336-4	**Date Sampled:**	09/03/09
Matrix:	DW - Drinking Water	**Date Received:**	09/04/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		76-120%
17060-07-0	1,2-Dichloroethane-D4	108%		64-135%
2037-26-5	Toluene-D8	99%		76-117%
460-00-4	4-Bromofluorobenzene	104%		72-122%

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

Accutest LabLink@519164 15:52 10-Sep-2009

Report of Analysis

Client Sample ID:	0131020001A1-719WLKR-RD		
Lab Sample ID:	JA27336-5	**Date Sampled:**	09/03/09
Matrix:	DW - Drinking Water	**Date Received:**	09/04/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E155796.D	1	09/09/09	OTR	n/a	n/a	VE6863
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	2.7		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@519164 15:52 10-Sep-2009

Report of Analysis

Client Sample ID:	0131020001A1-719WLKR-RD		
Lab Sample ID:	JA27336-5	**Date Sampled:**	09/03/09
Matrix:	DW - Drinking Water	**Date Received:**	09/04/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		76-120%
17060-07-0	1,2-Dichloroethane-D4	113%		64-135%
2037-26-5	Toluene-D8	98%		76-117%
460-00-4	4-Bromofluorobenzene	106%		72-122%

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

Accutest LabLink@519164 15:52 10-Sep-2009

Report of Analysis

Client Sample ID:	DUP-TD-02		
Lab Sample ID:	JA27336-6	**Date Sampled:**	09/03/09
Matrix:	DW - Drinking Water	**Date Received:**	09/04/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E155797.D	1	09/09/09	OTR	n/a	n/a	VE6863
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	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

Accutest LabLink@519164 15:52 10-Sep-2009

Report of Analysis

Client Sample ID:	DUP-TD-02		
Lab Sample ID:	JA27336-6	**Date Sampled:**	09/03/09
Matrix:	DW - Drinking Water	**Date Received:**	09/04/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		76-120%
17060-07-0	1,2-Dichloroethane-D4	113%		64-135%
2037-26-5	Toluene-D8	98%		76-117%
460-00-4	4-Bromofluorobenzene	103%		72-122%

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

Accutest LabLink@519164 15:52 10-Sep-2009

Report of Analysis

Client Sample ID:	TB-TD-02		
Lab Sample ID:	JA27336-7	**Date Sampled:**	09/03/09
Matrix:	DW - Drinking Water TB	**Date Received:**	09/04/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E155807.D	1	09/09/09	OTR	n/a	n/a	VE6864
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
107-02-8	Acrolein	ND		50	23	ug/l	
107-13-1	Acrylonitrile	ND		50	3.6	ug/l	
71-43-2	Benzene	ND	5.0	1.0	0.23	ug/l	
75-27-4	Bromodichloromethane	ND		1.0	0.22	ug/l	
75-25-2	Bromoform	ND		4.0	0.23	ug/l	
74-83-9	Bromomethane	ND		2.0	0.30	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	0.26	ug/l	
108-90-7	Chlorobenzene	ND	100	1.0	0.39	ug/l	
75-00-3	Chloroethane	ND		1.0	0.37	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND		10	1.4	ug/l	
67-66-3	Chloroform	ND		1.0	0.23	ug/l	
74-87-3	Chloromethane	ND		1.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND		5.0	0.35	ug/l	
124-48-1	Dibromochloromethane	ND		1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	600	1.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.25	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	75	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND		5.0	0.92	ug/l	
75-34-3	1,1-Dichloroethane	ND		1.0	0.29	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	7.0	1.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	70	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	100	1.0	0.25	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	0.27	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	700	1.0	0.27	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.0	0.30	ug/l	
75-65-0	Tert Butyl Alcohol	ND		25	2.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		5.0	0.55	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND		5.0	0.21	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@519164 15:52 10-Sep-2009

Report of Analysis

Client Sample ID:	TB-TD-02		
Lab Sample ID:	JA27336-7	**Date Sampled:**	09/03/09
Matrix:	DW - Drinking Water TB	**Date Received:**	09/04/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GESMD: S/S 2-6140, 9901 Georgetown Pike, Great Falls, VA		

VOA PPL List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.24	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.0	0.27	ug/l	
108-88-3	Toluene	ND	1000	1.0	0.30	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	0.23	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.0	0.24	ug/l	
75-69-4	Trichlorofluoromethane	ND		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	0.44	ug/l	
1330-20-7	Xylene (total)	ND	10000	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		76-120%
17060-07-0	1,2-Dichloroethane-D4	114%		64-135%
2037-26-5	Toluene-D8	99%		76-117%
460-00-4	4-Bromofluorobenzene	106%		72-122%

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST Laboratories

CHAIN OF CUSTODY

2235 Route 130 Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: JA27336

EXXONMOBIL CORPORATION - Regional Laboratory Program (MD, DE, DC)

Client Information	Facility Information
Consultants Company Name: GES, Inc.	Project Name: XOM Great Falls
Address: 2142 Priest Bridge Ct, Ste 1	Street: 9901 Georgetown Pike
City: Crofton, VA State: Zip: 21114	City: Great Falls, VA State:
Project Contact: Andrea Fullerton-Collins	ExxonMobil Contact: Mike Heli
Sampler's Name:	ExxonMobil Contact's Phone #:
Phone #: 800-220-3606 Ext. Fax #:	Location ID#: 2-6140 WBS#:
AFE #:	PO#: PO pending Line#:

Analytical Information: 8260 BTEX ☐ MTBE ☐ Naphthalene ☐; 624 BTEX ☐ 524 BTEX ☐ MTBE ☐; TPH-GRO 8015B; TPH-DRO 8015B; Lead 6010 ☐ 200.9 ☐ Total ☐ Dissolved ☐; Air - VTO3BTEX TPHF ☐; TO14: BTEX ☐ FULL ☐; ExxonMobil Grass Roots ☐; Soil Disposal Criteria ☐ Oil ☐; Full VOCs, OXYS, TIC 10 8260

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCL	NaOH	HNO3	H2SO4	None	Na2SO4	MEOH	Encore	Full VOCs, OXYS, TIC 10 8260
-1	013102001B-76-WLKR-RD	9/8/09	0910	TD	DW	3	X								X
	~~013102001B-76~~ TD														
-2	013020001A2-721-WLKR-RD	9/3/09	~~0910~~ 1000	TD	DW	3	X								X
-3	13103004-805-GLDNRU-ST	9/3/09	1055	TD	DW	3	X								X
-4	131030053-817-CNSTLN-DR	9/3/09	1230	TD	DW	3	X								X
-5	013020001A1-719WLKR-RD	9/3/09	1510	TD	DW	3	X								X
-6	Dup-TD-02	9/3/09		TD	DW	3	X								X
	~~Trip~~ TD														
-7	TB-TD-02	9/3/09		TD	DW	~~3~~ 2	X								X

996

Turnaround Time (Business days)

- ☐ Std. 10 Business Days
- ☐ 8 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☐ 1 Day EMERGENCY

Approved By:/Date

Emergency T/A is for FAX or Lablink Data

Data Deliverable Information

- ☒ Commercial "A"
- ☐ Commercial "B"
- ☐ Full Deliverables
- ☐ Other
- ☐ FULL CLP
- ☐ State Forms
- ☐ Disk Deliverable Format

Commercial "A" = Results only

Comments / Remarks

TRIP 8688 8650 4358

TB Rec 8.18.09 @0630 9.4.09 mJ

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1		1 FedEx	2 FedEx	9.8.09 930	2
Relinquished by: 3	Date Time:	Received by: 3	Relinquished by: 4	Date Time:	Received by: 4
Relinquished by: 5	Date Time:	Received by: 5	Seal #	Preserved where applicable ☐	On Ice ☒ Temp. 2.6

JA27336: Chain of Custody
Page 1 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA27336 **Client:** GES-VA **Immediate Client Services Action Required:** No

Date / Time Received: 9/4/2009 0930 **Delivery Method:** FedEx **Client Service Action Required at Login:** Yes

Project: XOM-26140 **No. Coolers:** 1 **Airbill #'s:** 868886504358

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:	Infared 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

-2 LABEL TIME 1055 NOT 1000, ID AND DATE OK

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA27336: Chain of Custody
Page 2 of 3

Sample Receipt Summary - Problem Resolution

Accutest Job Number: JA27336

CSR:

Response Date:

Response:

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA27336: Chain of Custody
Page 3 of 3

APPENDIX C

FAIRFAX WATER ADDRESSES W/ SERVICE CONFIRMATION

Number	Street Name	Owner	Served by Fairfax Water Yes/No
749	Walker Road	Saul Holdings Limited Partnership	No
753	Walker Road	Saul Holdings Limited Partnership	No
9829	Georgetown Pike	Saul Holdings Limited Partnership	Yes
9825	Georgetown Pike	Saul Holdings Limited Partnership	No
25A	Georgetown Pike	Saul Holdings Limited Partnership	No
9821	Georgetown Pike	Smitz Carl L	No
9818	Georgetown Pike	Park Authority	No
9822	Georgetown Pike	Board of Supervisors Fairfax County	No
9824	Georgetown Pike	Board of Supervisors Fairfax County	No
9826	Georgetown Pike	Board of Supervisors Fairfax County	No
9830	Georgetown Pike	Board of Supervisors Fairfax County	Yes
737	Walker Road	Professional Center	No
725	Walker Road	Appleton Eugene R	No
614	Deerfield Pond	Chappelear John M	No
613	Deerfield Pond	Kan Victor	No
611	Deerfield Pond	Rachlin Alan	No
696	Bucks Lane	George Gregory	No
695	Bucks Lane	Lessard Christian	No
634	Innsbruck Avenue	Innsbruck Assoicaites LLC	No
612	Deerfiled Pond	Pence Geoffrey	No
715	Walker Road	Maylissa Heshmat	Yes
9900	Georgetown Pike	Chung John	No
721	Walker Road	Wrn Association	No
719	Walker Road	Walker Rd Associates LLD	No
725	Walker Road	Appleton Eugene R	No
9915	Georgetown Pike	First VA Bank	Yes
700	Innsbruck Avenue	Head John	No
706	Innsbruck Avenue	Halm Kevin	No
9800	Georgetown Pike	Moriarty Stephen HTR	No
637	Innsbruck Avenue	Colt Armida	No
9812	Georgetown Pike	Park Authority Fairfax County	No
9916	Georgetown Pike	Board of Supervisors Fairfax County	No
778	Walker Road	Domas LLC	No
750	Walker Road	Signet Bank VA	Yes
748	Walker Road	Snyder John F	Yes
790	Walker Road	Simmons Clarissa	Yes
801	Constellation Drive	Chang Thomas	Yes
805	Constellation Drive	Azali Jahanmir	No
809	Constellation Drive	Oroumchi Nadjieh	No
813	Constellation Drive	withheld	No
817	Constellation Drive	Dang Han Hoan	No
812	Constellation Drive	Hoge Thomas	No

808	Constellation Drive	withheld	No
804	Constellation Drive	Terpak Michael	No
10003	Columbine Street	Ocain Bruce	Yes
10005	Columbine Street	Calic Alexander	No
10009	Columbine Street	Murphy Marty	Yes
10011	Columbine Street	Burkart Jack	Yes
804	Golden Arrow Street	Waldroup Louise	No
808	Golden Arrow Street	Knudsen Eric	No
805	Golden Arrow Street	Pan Realty LLC	No
809	Golden Arrow Street	Schoonmaker Robert	No
? # 7 Parcel	Columbine Street	Moore Robert	No
10004	Columbine Street	Klingensmith Lawrence	Yes
10008	Columbine Street	Li Titshing	Yes
10010	Columbine Street	Touval Jerome	Yes
10012	Columbine Street	Khoo Swee	Yes
778	Lundenburg Road	Mehryar Gholam Reza	No
790	Stephanie Circle	Abravanel Neal	Yes
792	Stephanie Circle	Majimohammad Mohammad	Yes
794	Stephanie Circle	Brennan John	Yes
796	Stephanie Circle	Jones W Marlin	Yes
795	Stephanie Circle	Teeter Marjorie	Yes
793	Stephanie Circle	Baum Sharon	Yes
791	Stephanie Circle	Chernowetz William	Yes
789	Stephanie Circle	Sands Robert-John H	Yes
10101	Stephanie Circle	Fischer Sandra	Yes
788	Stephanie Circle	Dharia Tarun	Yes
10100	Nedra Drive	Jones Darren	Yes
778	Stephanie Circle	Boyce Albert	Yes
783	Stephanie Circle	Lu Amos	Yes
785	Stephanie Circle	Kane Richard	Yes
787	Stephanie Circle	Grimes Gary	Yes
10001	Georgetown Pike	US Postal Service	Yes
?	No address	Outlot 3A2	No
756	Walker Road	Great Falls Village	Yes
758	Walker Road	Great Falls Village	Yes
760	Walker Road	Green Castle Properties	Yes
762	Walker Road	Moore Robert	Yes
766	Walker Road	Rice Martha	Yes
768	Walker Road	Teel Parker	Yes
772	Walker Road	Village Center Group	Yes
776	Walker Road	TPM Enterprises INC	Yes
774	Walker Road	Troon LLC	Yes
752	Walker Road	Gallitin LLC	Yes
754	Walker Road	Great Falls Village Green	Yes

APPENDIX D

DELINEATION WORK PLAN

Groundwater
& Environmental Services, Inc.

2142 Priest Bridge Court • Suite 1 • Crofton, Maryland 21114 • (800) 220-3606 • Fax (410) 721-3733

01 September 2009

Mr. Kurt Kochan
Northern Regional Office, Petroleum Program'
Virginia Department of Environmental Quality
13901 Crown Court
Woodbridge, VA 22193

Re: Proposed Subsurface Investigation Plan
Great Falls Exxon Station No. 2-6140, Great Falls, VA
PC# 2010-3028

Dear Mr. Kochan:

Groundwater and Environmental Services, Inc. (GES) is writing to provide your office with details of our proposed subsurface investigation plan for the referenced location. The contemplated work, outlined below is in addition to on-going residential well sampling and geophysical logging of the existing station supply well. It is our intent to garner approval of the proposed investigative plan from your office before initiating the work. The scope of work outlined below provides the goals and details of the proposed subsurface investigation.

On behalf of the ExxonMobil Environmental Services Company (EMES), GES is proposing to install four "shallow" monitoring wells at the referenced Exxon service station. The attached site sketch map indicates the approximate location of each well proposed for installation; they are identified as MW's 6 through 9. In addition, one deep, open rock well is proposed for installation in close proximity to one of the shallow wells as noted on the attached site plan (MW-6D). These wells are placed to further assess the site based upon underlying bedrock structural orientation determined from regional geologic literature review and local bedrock mapping. The shallow/deep well couple is proposed to provide information on vertical groundwater gradient between the overburden and bedrock aquifer systems as well as to allow for sampling and chemical analysis from each water bearing zone.

Each of the shallow wells will be completed to a depth of approximately 45 feet with 20 feet of solid riser pipe and 25 feet of factory-slotted (0.01 inch opening diameter) PVC well screen. Materials will include, schedule 40, flush-joint, threaded PVC pipe. Surface completions will include locking gripper plugs and 10-inch diameter bolt-down manhole covers set in a flush two-foot by two-foot concrete pad. All drilling locations will be pre-cleared to a minimum depth of 5 feet below grade to minimize the potential for contact with subsurface lines and utilities. The proposed bedrock monitoring well will be completed at a depth of approximately 110 feet with 60 feet of six-inch diameter steel casing set in a concrete grout emplaced by tremie pipe and allowed to set for at least 18 hours before well completion.

Shallow Monitoring Wells
The shallow monitoring wells are anticipated to intersect first water at approximately 30 feet below grade (fbg). The intersection of first water is critical; therefore, continuous split spoon samples will be collected between the depths of approximately 10 and 34 feet below grade. Additional split spoon sampling will be completed at standard (five-foot) intervals between the depths of approximately 34 and 46 feet to obtain samples suitable for lithologic characterization. The final depth advanced will be determined in the field by the on-site geologist, but is likely to be approximately 45 feet.

Deep Monitoring Well
The deep monitoring well will have an open completion within the bedrock. The well will be advanced in two stages. The primary stage will be advanced sufficiently to set a 6-inch ID steel casing at least 8 feet into competent bedrock. Upon achieving the suitable conditions to set the casing, the driller will drive welded casing into the bedrock and grout the casing to grade using a tremie tube. It is anticipated that the grout will be allowed to set a minimum of 18 hours before any further work is done on the borehole.

Once the casing is set and an interval of at least 18 hours has elapsed since grout placement, the driller will drill inside of the casing to the final well depth. The final depth will be determined by the on-site geologist. However, the goal is to intersect a water producing fracture. Based on preliminary analysis of geophysical data from a nearby open-rock well, the anticipated encountering of a water producing fracture is between 75 and 110 fbg.

Drilling Considerations
Well Development
Each well completion will require suitable well development. This will include surging and pumping. Unless otherwise noted, formation water will be drummed for subsequent disposal.

Well Survey
All wells will be accurately surveyed for placement on a scaled site plan and for determination of the elevation of the well top-of-casing to within 0.01 feet relative to USGS elevation datum.

Well Locations
As indicated on the attached site plan, MW's 6, 6D and 9 are to be located on the ExxonMobil property. MW-7 is proposed to be located on the paved surface of the professional building at 746 Walker Road located to the south of the Exxon station and MW-8 is to be located within the Fairfax County public space (or right-of-way) adjacent to Walker Road. This location, in the grass strip between the sidewalk and Walker Road, will require borehole clearance to a depth of eight (8) feet below grade. Appropriate traffic control will also be required. Please note that in order to expedite the investigation process, GES is planning to install the on-site wells (MW's 6, 6D and 9) first; the off-site wells (MW's 7 and 8) will be installed after applicable access rights and permits have been obtained.

We hope this scope of work is acceptable to the VADEQ and welcome your input on the outline provided herein. Please direct any questions or comments you may have to:

Chris Mulry
GES, Inc.
2142 Priest Bridge Court, Suite 1
Crofton, MD 21114
(800) 220-3606, ext. 3708
cmulry@gesonline.com

Andrea Taylorson-Collins
GES, Inc.
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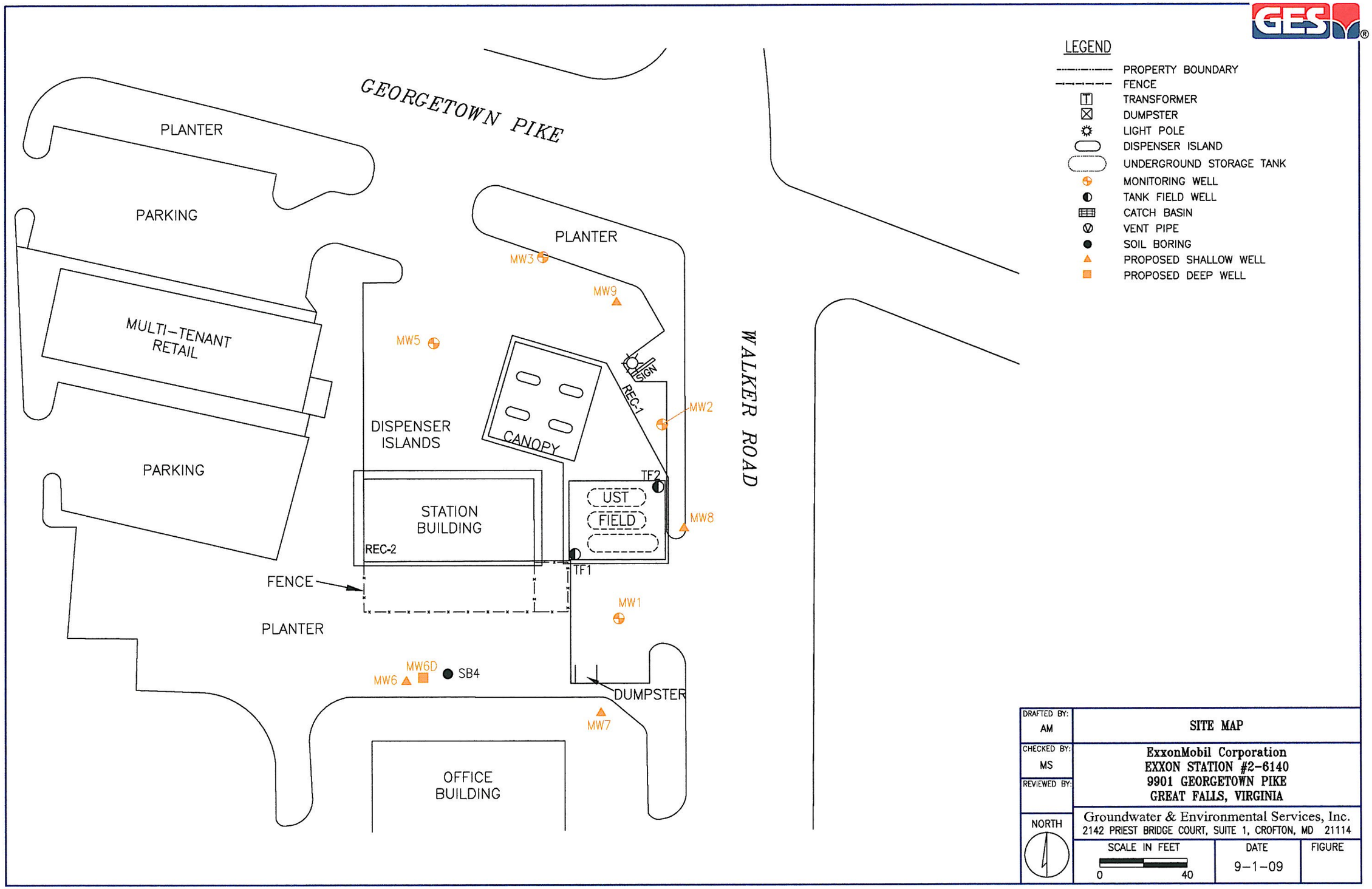
Crofton, MD 21114
(800) 220-3606, ext. 3703
ataylorsoncollins@gesonline.com

Very truly yours,

Christopher J. Mulry, P.G.
Principal Hydrogeologist

Enclosure

C: M. Geci, EMES
M. Tacchino, EMES
T. Buggey, Roux, Inc.


GEORGETOWN PIKE
WALKER ROAD
PLANTER
PARKING
MULTI-TENANT RETAIL
PARKING
PLANTER
MW3
MW9
MW5
DISPENSER ISLANDS
CANOPY
SIGN
REC-1
MW2
TF2
UST
FIELD
MW8
STATION BUILDING
REC-2
TF1
FENCE
MW1
PLANTER
MW6D
MW6
SB4
DUMPSTER
MW7
OFFICE BUILDING
LEGEND
PROPERTY BOUNDARY
FENCE
TRANSFORMER
DUMPSTER
LIGHT POLE
DISPENSER ISLAND
UNDERGROUND STORAGE TANK
MONITORING WELL
TANK FIELD WELL
CATCH BASIN
VENT PIPE
SOIL BORING
PROPOSED SHALLOW WELL
PROPOSED DEEP WELL
DRAFTED BY: AM
CHECKED BY: MS
REVIEWED BY:
NORTH
SITE MAP
ExxonMobil Corporation
EXXON STATION #2-6140
9901 GEORGETOWN PIKE
GREAT FALLS, VIRGINIA
Groundwater & Environmental Services, Inc.
2142 PRIEST BRIDGE COURT, SUITE 1, CROFTON, MD 21114
SCALE IN FEET
0
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DATE
9-1-09
FIGURE